

Table S2. Genes from the differential expression analysis with your respectively p values between the treatments (NP, PP and FP).

Genes	p.value.FPvsNP	p.value.FPvsPP	p.value.NPvsPP	adjusted.p.value.FPvsNP	adjusted.p.value.FPvsPP	adjusted.p.value.NPvsPP
ENSBTAG0000000005	0.930815850101552	0.961991355804462	0.99982487407165	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000009	0.981023438321022	0.958614637024505	0.96662620829184	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000010	0.993939426763375	0.998067395782622	0.999894095412367	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000012	0.998900119825894	0.999920860802291	0.999553434737754	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000013	0.997960184956764	0.999953188444275	0.998548055842409	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000014	0.993585500386061	0.992797804452113	0.9952752554075	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000015	0.989291264997776	0.990168495255811	0.994451165569434	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000019	0.999991836479862	0.99999359874969	0.999990942547371	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000021	0.999949904320128	0.999890862520299	0.99978443703094	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000022	0.98665329885011	0.953547694968852	0.988399652446816	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000023	0.999942314165892	0.999974910020734	0.999973270352818	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000024	0.999640671359042	0.999928631901184	0.9999946360094	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000025	0.999988650424182	0.999999267686665	0.999995895777331	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000026	0.998833441894094	0.999803153842773	0.998097834682592	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000032	0.995915652552853	0.992361802535854	0.991517338239822	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000033	0.688496652880188	0.947279530819423	0.987299678000865	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000037	0.997601766812187	0.999514012050977	0.999900829713643	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000039	0.997523743418798	0.999323192564183	0.999795359921543	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000040	0.999839332899578	0.99999141466845	0.999926445368182	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000042	0.899776906641987	0.996849604046268	0.922500422662089	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000044	0.99425595377925	0.99586890841605	0.999478503814752	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000046	0.997268858737254	0.999803006430673	0.998706924612415	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000049	0.997735240762965	0.999270599635545	0.999998802118852	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000050	0.977301284582716	0.998126917262036	0.998739952814786	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000052	0.99952767902332	0.999721453480917	0.999746330417571	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000053	0.995257990579185	0.997302190104641	0.998881858742306	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000054	0.999539729089541	0.999799295562334	0.999891335997795	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000056	0.999857059036495	0.999997689339186	0.999910168020209	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000057	0.335095391043763	0.754787518508684	0.716482043277566	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000061	0.725715363053123	0.936824138537229	0.981159653729298	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000062	0.998505575994246	0.998989966077971	0.996368544321281	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000064	0.999192083538111	0.9996429027722	0.998755117032811	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000065	0.992937413067752	0.9995458532094	0.999881620923093	0.999999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000000067	0.816447124160108	0.995248514006411	0.809100999946899	0.999999968147277	0.99999999705128	0.99999997296689

ENSBTAG00000000071	0.52956258634912	0.562726389498308	0.929563486171173	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000072	0.954998185742061	0.963847092018072	0.995123053686053	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000073	0.999783464473861	0.999997244444484	0.999864125314599	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000074	0.975888716226368	0.99756057979842	0.989564092305318	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000076	0.94150895285519	0.96749129892059	0.999274370701742	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000077	0.913774330028051	0.992644432543876	0.999034306052388	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000078	0.894065083986078	0.977640425771943	0.972176015099786	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000079	0.858390129019593	0.963285979709175	0.942207528866724	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000080	0.995507201132363	0.999875865267247	0.998603658691754	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000081	0.999972786892979	0.999995897298352	0.999996423655315	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000084	0.976091162961721	0.997631326593117	0.997561102740453	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000087	0.9999077253041	0.999988277076823	0.99998937886222	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000088	0.89591378454751	0.999202322702083	0.902780559978266	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000090	0.999619681479535	0.999957337331475	0.999514789805893	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000091	0.947253696223002	0.985592348268273	0.996010062491523	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000092	0.999228070139744	0.999654328479403	0.999773892994455	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000094	0.991041210715628	0.996388162509912	0.999935450607924	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000095	0.914641539986623	0.933996075217892	0.817575544925574	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000097	0.99244006880025	0.999701627233082	0.999536370820625	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000098	0.999993055085167	0.999982016650222	0.99995043623237	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000099	0.999972167443594	0.999961857777797	0.999922416767734	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000103	0.98681861052578	0.997774136506228	0.998933958388708	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000105	0.999960854376552	0.999998710825335	0.999955781151009	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000106	0.502514886073556	0.905001079257034	0.408332175828466	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000108	0.999994434331255	0.999997021229601	0.999994506804092	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000109	0.590681394940215	0.790704829690048	0.862324006523173	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000111	0.984966767461084	0.978818818393297	0.984704996753053	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000113	0.999924339232613	0.999963031779822	0.999819392309608	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000115	0.999901169737829	0.999955838253322	0.999953566680564	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000120	0.826278663442894	0.770663853027239	0.946975836760225	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000124	0.800779537120977	0.67777596429137	0.898551849269051	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000125	0.995490587191286	0.999996710681476	0.996762128354644	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000128	0.561186044625407	0.870677586267044	0.911128979083892	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000130	0.973087106634172	0.991173626074468	0.993343006548117	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000131	0.999994204608194	0.999997787476658	0.999989266424587	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000132	0.999840771265113	0.999997971306276	0.999892950552326	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000133	0.318260635315778	0.687707161336636	0.913067573150642	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000000134	0.99958308156485	0.999991740395291	0.999767672749706	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000137	0.996418738534075	0.998915078997968	0.999979948770271	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000139	0.999925825291268	0.999989136820798	0.999992824274887	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000140	0.989446326118292	0.911743198041028	0.997371921939187	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000141	0.987827538604934	0.999574468548422	0.995750692455771	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000144	0.904851195867163	0.922273379228034	0.725690754319754	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000146	0.99999534686349	0.99999493738761	0.999976534113711	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000147	0.9999411656342	0.999992355381245	0.999993636083821	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000149	0.999844758209341	0.999588541269307	0.998724325831768	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000152	0.999999615532625	0.999998395109987	0.999993852287448	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000153	0.986820646680297	0.999751620362128	0.992549598294688	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000154	0.229356722098178	0.583099892782392	0.681498396762564	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000157	0.926499854677577	0.999405980328986	0.94679984384437	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000160	0.997383001642754	0.801716241009647	0.787574462308835	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000162	0.97360613382458	0.996405156998695	0.999740551613429	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000163	0.0903405259307738	0.918163529506808	0.213424387723454	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000172	0.911673239808676	0.975233281786142	0.990294919347374	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000175	0.950010886396136	0.99277313858255	0.990265828984979	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000176	0.999843317100688	0.99993502030053	0.999945717880597	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000179	0.977574085028255	0.997438804640963	0.990745908867137	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000181	0.482763207931172	0.804311471608254	0.750490281301084	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000182	0.999088485447942	0.99980467098437	0.999916821410299	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000184	0.959367298066754	0.998771046763652	0.992330448382588	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000186	0.99895792364155	0.998639196509933	0.999073755135459	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000188	0.711750642556962	0.995357644676625	0.726889966079511	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000191	0.990892787878954	0.994462095506386	0.998648466789876	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000195	0.8771998804628	0.977955363494693	0.98647717947253	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000197	0.996553583851926	0.999377383857028	0.998996294927712	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000199	0.980233482711787	0.999781964870473	0.994105578709501	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000201	0.994089091822715	0.999603169202107	0.999124891058028	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000202	0.985948027242733	0.995750254766944	0.998655831137441	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000203	0.999274903412917	0.999664361583238	0.999876365018118	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000204	0.995854366476139	0.999668098114471	0.998932317785407	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000205	0.99972491989455	0.999983161390071	0.999971622291094	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000207	0.997133855245439	0.998966217117599	0.999948672989725	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000210	0.943376574392115	0.954328589097518	0.999077246213935	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000211	0.891962792184454	0.941572854045148	0.992006599112502	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000000212	0.999672129817117	0.9999657700996	0.999929712563966	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000213	0.998864899768204	0.998315116410602	0.995893052861873	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000215	0.999967856386638	0.999971114384021	0.999940522929829	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000218	0.996538567117976	0.998823861874223	0.999980763721352	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000221	0.999721246813754	0.999826034718572	0.999436019706346	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000222	0.998357862759252	0.999947648005596	0.999618465690095	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000223	0.994837066030609	0.999384568973652	0.998839645886054	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000224	0.954196381475485	0.972470443895362	0.999123546762119	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000225	0.983734511049421	0.994390071026583	0.999513010516419	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000231	0.999474989851243	0.999984008413488	0.999547429241765	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000232	0.945611421761582	0.951219203381946	0.85735213515726	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000233	0.924875072133638	0.875044201538113	0.967656281949468	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000236	0.982094464633301	0.992041277040144	0.999982813364305	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000240	0.855896888062308	0.939625580732715	0.98385293243849	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000241	0.999945460696004	0.999992180716554	0.999995309505875	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000242	0.96577755760637	0.691549193117312	0.623635570810143	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000243	0.806862018733158	0.884416297467896	0.975242331398187	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000244	0.923689451532086	0.938168252185764	0.996365879003013	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000245	0.251035249774355	0.813969436691026	0.556855601482173	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000246	0.89469169249263	0.930977118995077	0.993392318952554	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000250	0.914002725713674	0.990277860081435	0.997255941133999	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000251	0.980693644734586	0.998490852152333	0.987922461973581	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000252	0.999365927930753	0.998791838996667	0.999968294696288	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000253	0.681930237167649	0.908942918113179	0.890084264968458	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000256	0.699923692567942	0.996691051827625	0.937962640869643	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000257	0.82756776046733	0.971467690150991	0.869514072487984	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000260	0.999515246276524	0.99993205237604	0.999898731587779	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000266	0.995291455581089	0.999461286788722	0.999397654699836	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000267	0.996781467347672	0.999943711974013	0.998895167631051	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000269	0.992906112873984	0.99604936208591	0.999154885192627	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000271	0.970191539335729	0.99751641622852	0.967094874705365	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000274	0.999942170754046	0.999942242610167	0.999907972725843	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000275	0.999857554483642	0.999985096170111	0.999986757923731	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000277	0.262512821562161	0.679485446107471	0.624285680606693	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000279	0.924968808890386	0.985488606012784	0.955021904336171	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000283	0.661579685821613	0.90206636158781	0.9737863724576	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000284	0.50155219176793	0.883200854313044	0.686104893259342	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000000285	0.992673546003866	0.998611419868885	0.999101323098285	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000286	0.813018407713982	0.963690305521004	0.980878145825786	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000287	0.999812076840428	0.999835690262556	0.999250062274361	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000288	0.99998594370933	0.999998701751522	0.999994967130175	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000289	0.996655054555094	0.998952414796487	0.999999871877176	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000290	0.998313009467072	0.997115884194181	0.996665341440179	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000291	0.999768808838553	0.999944741695855	0.99997094841956	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000292	0.998912035523593	0.999917434431059	0.99960322455879	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000295	0.999961333523063	0.9999962776252	0.999990796508612	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000296	0.991384370366297	0.997481111492775	0.98602198493413	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000297	0.996712497313776	0.999406045100262	0.995342856983255	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000305	0.999971977676144	0.999995881855767	0.999995473584471	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000306	0.743559699779935	0.915430206582427	0.881583834419784	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000308	0.999242282657245	0.999954327893704	0.999757818284778	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000310	0.311636694704221	0.681854607631033	0.851477439813113	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000312	0.999957046911734	0.999985631384297	0.999988076682899	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000313	0.992783748259667	0.996103506466456	0.982535117479307	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000315	0.999627321516914	0.999957940195821	0.999952541073858	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000317	0.992235842469512	0.983134571923725	0.969892493313717	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000320	0.999784495895294	0.999991309468174	0.99997125711289	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000321	0.997640824070832	0.996164409753572	0.997076766809251	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000322	0.999609305215534	0.999567964865722	0.999617872669025	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000328	0.990207329070555	0.711206511796524	0.73790773739205	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000329	0.999120650464572	0.976548986358913	0.961645888038996	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000330	0.992522640490146	0.998527278784389	0.999129905815833	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000332	0.999350694988221	0.991147869956082	0.98626837159452	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000333	0.792258501166781	0.962319885372415	0.875229355578252	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000336	0.999214904576585	0.988198602567613	0.985946129119187	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000340	0.999953762380659	0.999996196132026	0.999983342734024	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000341	0.987612461732602	0.997001792314494	0.9992564121412	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000342	0.998915130195817	0.99958143106244	0.999894277105405	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000343	0.994406809072714	0.995986133340277	0.999602113775111	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000345	0.830192870364445	0.873242377043738	0.995774794304964	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000347	0.999839529945976	0.999929681325385	0.999942718373859	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000355	0.856146017798902	0.974293246236732	0.987486300392314	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000356	0.99106885991584	0.99809139850991	0.999270619765692	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000357	0.95560370055383	0.98826239487543	0.935913034546607	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000000359	0.996639558676715	0.998564091565534	0.99972056437229	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000362	0.999661981315954	0.999962128587517	0.999955326189609	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000363	0.89607724542019	0.974908583969618	0.992124826848343	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000365	0.999119525408833	0.999819815044236	0.999900644572743	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000369	0.997872640604032	0.997995758858021	0.999705906138059	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000371	0.999993286425646	0.999998348029248	0.999998918016573	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000372	0.999824590295433	0.999954950869124	0.999999409150843	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000375	0.99996811770986	0.999990137997812	0.999991796677747	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000377	0.927275538785203	0.989468029046683	0.912847786108512	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000379	0.997345112851479	0.999976839037729	0.998280871692038	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000381	0.782768235460002	0.604537336582296	0.408368748258831	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000382	0.997010534969794	0.999829825036583	0.998542632439931	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000385	0.990523265794339	0.999413948011212	0.99974485785819	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000387	0.999970988163711	0.999996703442797	0.999992974101526	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000389	0.998563009752123	0.99976162963466	0.997659713167156	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000390	0.982131114733249	0.995267149373958	0.99825222602905	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000392	0.643777283073761	0.853689086206664	0.439013829464988	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000393	0.999875206560116	0.999952204360199	0.999985122680464	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000394	0.827660032276742	0.975513963426827	0.988314781454572	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000395	0.974877665824531	0.986479754904848	0.999083750964761	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000396	0.71110928775145	0.953591255887811	0.890923380745768	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000404	0.999359709423908	0.999564759188144	0.999596686231366	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000405	0.995127109381796	0.998621379637405	0.988552725210452	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000406	0.990099192642459	0.999670395491609	0.990112316667794	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000409	0.999927814747706	0.999997877085311	0.999933017761302	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000411	0.999989382571986	0.999999536199152	0.999995156011006	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000415	0.99915468079941	0.999796001766017	0.999997742830549	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000417	0.931919383335754	0.914493441555563	0.981396745893141	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000421	0.942432941601994	0.980157119461168	0.995347224215203	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000422	0.999895507195136	0.999950226896242	0.999655133094086	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000423	0.988678287745175	0.995292831207729	0.97771638494699	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000428	0.999233728560389	0.999863714754804	0.997927521863446	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000429	0.999604665716417	0.999985434138786	0.999878391033587	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000432	0.97505455004366	0.937926033447601	0.952912606706499	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000434	0.871870164866623	0.954608443985045	0.953264483934974	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000435	0.981554463561185	0.997824695568918	0.998534228012517	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000436	0.93908727598776	0.989486942866651	0.987858653411378	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000000439	0.999917603493675	0.999994518835515	0.999969199094568	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000440	0.963978861913041	0.996722743810775	0.99672539051045	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000442	0.270393424300488	0.550296029497733	0.885323295480909	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000446	0.96417613041823	0.987845269748352	0.997035249227237	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000447	0.998224342597365	0.999824220405723	0.999771083588916	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000448	0.996314823845843	0.995149098601612	0.986517866784792	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000451	0.909826866669457	0.979078421207693	0.99541661316752	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000454	0.999857441865098	0.999867877949699	0.999826818612616	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000455	0.999979583897491	0.999999823197628	0.999984778220121	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000458	0.987508245816837	0.998748925857349	0.999116970185178	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000459	0.978204442350012	0.992496396468707	0.995902995108224	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000460	0.959273658221921	0.996625154397648	0.998302292350582	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000462	0.994169495174984	0.993848995497267	0.982297985508218	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000469	0.982966624125351	0.999008026216491	0.988438758577138	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000472	0.995623725929894	0.999672903585492	0.99518145825564	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000473	0.950874997275262	0.992222487962523	0.9960824690948	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000475	0.997438303095064	0.999225619948157	0.999938727970225	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000476	0.992191191597767	0.995259185105837	0.998373581672951	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000477	0.897593264989524	0.977817860158142	0.945587125529865	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000478	0.851110874348345	0.975094184093293	0.943934161297004	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000480	0.993206191296541	0.999028866484305	0.999646229076518	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000483	0.996901404809564	0.999779231872513	0.998612411973292	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000484	0.992422056015074	0.999943575769856	0.99200848615035	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000489	0.981460751206424	0.903122529732285	0.916636213950022	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000490	0.997281462496915	0.998529357603897	0.994639656199034	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000492	0.997905765161267	0.999860095229488	0.999913885622897	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000494	0.92691471624962	0.993504087286167	0.95272882096527	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000495	0.78670553475612	0.791661912603002	0.996360454243483	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000497	0.999214566124598	0.999960018881593	0.999261994329046	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000500	0.988747727532707	0.999495575801668	0.99011382638885	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000501	0.978887951060542	0.998973748158418	0.980874746734971	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000504	0.998092437242161	0.999437381349415	0.999992502608427	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000505	0.999003534604392	0.998594574745706	0.99898642203166	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000507	0.0370275337593126	0.613734110242461	0.322418079057572	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000510	0.967464205966612	0.99562380746646	0.9962894639093	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000516	0.164657863380786	0.940052630928148	0.180801114188373	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000517	0.907950478329256	0.95112303554335	0.987319406979723	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000521	0.996205290013691	0.999259615373007	0.99530430784751	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000524	0.950106752492067	0.981794585041549	0.995178042046505	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000526	0.999955167911346	0.999983419344654	0.999984427812687	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000528	0.998743609737757	0.999922441634655	0.999549520762945	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000529	0.999086704887094	0.999473480650924	0.999960219307441	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000532	0.985584975223395	0.998714396483147	0.996831484230589	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000533	0.930812840295342	0.988182055368606	0.886321261261717	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000536	0.999581788465087	0.999989880894442	0.999663752164627	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000539	0.978159168450971	0.997852655776998	0.999645208782942	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000540	0.812424874103158	0.928032169598597	0.65043804699121	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000542	0.99995072402407	0.999859652993931	0.999693102582602	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000545	0.999971505384011	0.999992878792707	0.999996276969887	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000546	0.866508623923766	0.992954333629062	0.992886696253187	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000548	0.998958388487676	0.999882140048054	0.999775152555957	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000550	0.874360528511498	0.947863828877528	0.989129803998272	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000555	0.998402666978631	0.999899448130491	0.999869419226436	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000559	0.278778492506327	0.390227418990536	0.918786910594364	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000560	0.958858782949785	0.9610324182809	0.989557579852729	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000562	0.988893452358361	0.995148084755663	0.999830639225524	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000563	0.986422370229262	0.994791442186369	0.999338060560854	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000564	0.852074200526083	0.888623258045954	0.984580064931772	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000565	0.999269076798215	0.999956366454355	0.999652413073368	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000566	0.997143112253262	0.999456274553193	0.999621084049234	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000569	0.99015367021973	0.973033365519728	0.949949203707929	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000570	0.9298486581808	0.764404689297649	0.832413829744	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000571	0.985414034939038	0.998160867023818	0.99385197145624	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000575	0.0684770384082351	0.258060352142307	0.869335451647138	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000576	0.0514507772066006	0.297828848895691	0.357961365457668	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000578	0.999623829118166	0.999954018564364	0.999973884615512	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000579	0.999665447657637	0.999944633037437	0.999982021131321	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000581	0.998387724359578	0.999447052264387	0.999945214864145	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000586	0.851519120295499	0.892078812945628	0.999637915269953	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000000588	0.999270021416787	0.986499589583153	0.980889281253938	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000590	0.944660943517593	0.567631417219645	0.655147767955624	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000593	0.88754482241701	0.981073361598491	0.861935082188063	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000595	0.119533296162249	0.255156509773176	0.900227655042307	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000598	0.978699256084806	0.997419232657019	0.991190102972611	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000599	0.999880453052161	0.999973270779997	0.999999313707523	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000601	0.723538930851269	0.888059906480155	0.9581143755677	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000602	0.996479990475673	0.99987355321925	0.999761520854129	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000603	0.998443800591144	0.999255119535957	0.999772483914881	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000604	0.213542257967723	0.419922244865657	0.660753262182268	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000605	0.92827218132468	0.97220642499155	0.99638501934709	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000607	0.995203462708221	0.99994720005048	0.999465078851172	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000608	0.99891927603995	0.999912994136401	0.999950147240638	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000613	0.999958168263492	0.999999933416748	0.999971703325063	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000616	0.981945363641682	0.976760262872562	0.991409598193734	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000621	0.995223228028352	0.997104642154165	0.998972345711371	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000622	0.999225868923375	0.999845361903345	0.999982972165949	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000623	0.439688742981031	0.718211115872284	0.788851810238798	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000625	0.995722282952421	0.99833815010361	0.999847670946429	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000629	0.910201547032902	0.980988615934967	0.811428460390059	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000630	0.999995265630082	0.999999352850512	0.999999398048357	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000632	0.927196275708352	0.969146994296473	0.991195556994694	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000638	0.994366702914244	0.862949636180529	0.800684291698159	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000639	0.999934540643139	0.999995630096636	0.999944838581645	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000641	0.991390061068779	0.990621431991447	0.99321762090905	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000642	0.997141930957232	0.999991269438115	0.99791038744767	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000646	0.999446463235444	0.999996379580074	0.999768548632027	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000647	0.948888850094103	0.99916018857799	0.996513985128094	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000648	0.454451799737977	0.784082617079364	0.767695788810264	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000650	0.999789079029243	0.999959734450788	0.99996050766512	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000653	0.99961014699283	0.999971133677393	0.999822176818206	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000655	0.996565393117597	0.992314304806437	0.991953483931836	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000656	0.99756364065897	0.999979381181643	0.999174121993998	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000658	0.966501385705488	0.996222215883663	0.961478457844546	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000660	0.823663590776523	0.991337661304696	0.866453443756506	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000662	0.999733923230808	0.999798206443599	0.999789018976648	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000000666	0.99980185215511	0.999877665432211	0.999868793333016	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000667	0.893637454880743	0.976194835144958	0.951568695532431	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000668	0.994841282710653	0.9991200348003	0.998745845591495	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000670	0.995565358775081	0.994425427317601	0.9973227035605	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000671	0.714627798190158	0.970614719667101	0.870743951097373	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000672	0.601690926853974	0.849693802980663	0.908298862865195	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000675	0.999968470423323	0.999998089299895	0.999972491217663	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000676	0.999631654832556	0.999974584296222	0.999925087194506	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000678	0.998827990262435	0.99937116309221	0.999719677107299	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000679	0.991621756764356	0.999583010223529	0.998535532300189	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000682	0.992227353857228	0.996876669889435	0.999887389480305	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000683	0.999846557306089	0.999975886991944	0.999978818567686	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000684	0.999490029822843	0.99981774108938	0.999978378059706	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000686	0.998986988036035	0.999068042020532	0.997615664519685	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000687	0.9989644132961	0.999663243325413	0.998133308689436	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000694	0.990997165517083	0.998782491962759	0.999639396243796	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000695	0.997149005318363	0.999897595715001	0.999073239877558	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000696	0.999959288392471	0.999999871370631	0.999972761022554	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000697	0.977547716881122	0.999556609222956	0.976169706686019	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000698	0.999487437033564	0.99923104277571	0.99859338184449	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000699	0.976562627761675	0.997002385774313	0.988728285348909	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000700	0.984599957170799	0.996865618542581	0.999672982946033	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000704	0.959875286161186	0.989571932914788	0.996367348038086	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000705	0.999929610738803	0.999608343973473	0.999188270187869	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000706	0.982835453901727	0.989431287961912	0.965284755627315	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000707	0.320358109968327	0.451648717160681	0.826260874150998	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000710	0.999934356690063	0.999996097441266	0.999917687218081	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000711	0.946632767869407	0.903417336689806	0.98904605501455	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000712	0.999985609298585	0.999996722676534	0.999998938540852	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000713	0.999467899607677	0.999746415328278	0.999807081731309	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000715	0.841898119703042	0.890246351645884	0.965286900728755	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000717	0.877305298983631	0.820865449517724	0.658950596335242	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000718	0.995645385288994	0.974330964658946	0.969401853968688	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000721	0.999937501468258	0.999974762729607	0.999977046173531	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000727	0.993727491252758	0.992353829646973	0.994362782573467	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000000731	0.99940622123507	0.993906120350382	0.986270458949659	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000735	0.905938704400422	0.942039173748015	0.820055927092471	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000736	0.927717025737954	0.998854260324023	0.930918732054117	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000737	0.42781843160343	0.854709398627394	0.945321514006825	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000738	0.745955519015212	0.958726270003314	0.994167999476859	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000742	0.954349528583476	0.995664209683757	0.994056983925302	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000744	0.999511883614621	0.99992989532282	0.999980622937373	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000745	0.992032721852648	0.999168566749892	0.997361459943654	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000746	0.999985025997335	0.999977693787673	0.999903418447109	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000748	0.994935192637894	0.997451246684867	0.999417594603692	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000750	0.997810646984954	0.999354699101023	0.999930679677141	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000753	0.994603476298652	0.999872986620256	0.998543102005114	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000754	0.999742085371899	0.999971192659754	0.99998325193345	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000758	0.995162599525199	0.997696481395101	0.999497365302325	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000759	0.994166364258082	0.998833427495874	0.999823566238692	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000764	0.979401186540654	0.99942880484816	0.994285956605626	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000767	0.832920822370422	0.99594549195317	0.866119980068942	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000770	0.972739430624258	0.998566234528123	0.984711336670564	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000771	0.998152951436756	0.999884439629153	0.999748487086195	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000773	0.998135203086507	0.999883046137805	0.997966829744542	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000778	0.999533162767858	0.999987425604245	0.99971915583942	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000781	0.808568885461739	0.864894745530605	0.996240605769753	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000782	0.998892528207179	0.999631016657464	0.99999114465757	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000784	0.99991208343218	0.999983039981349	0.999995874790706	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000785	0.99740122082925	0.99990752266555	0.997802053322976	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000786	0.998943403513624	0.999945036167031	0.999786871143164	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000789	0.999854608594186	0.999999849510359	0.999902281886459	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000795	0.973190536310242	0.999927192579005	0.980405161198458	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000797	0.987797623535683	0.999060170197527	0.999294308704889	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000799	0.962423277400701	0.995408402280066	0.947205478650763	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000801	0.999514874584682	0.999493072176019	0.997350693499983	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000802	0.335040483004959	0.469880834003276	0.888552753999022	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000803	0.997975025868949	0.999814565135246	0.999615873099511	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000804	0.972744620485635	0.969688397734848	0.990138399330482	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000806	0.997894948111331	0.998553093839939	0.999194050218525	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000807	0.564707582702903	0.823102689174393	0.912220358065214	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000808	0.996559642549154	0.998843251916143	0.999966073898572	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000000810	0.999165259475781	0.999749851716282	0.999977882145768	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000811	0.998326794235349	0.999932420228475	0.998581906266857	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000813	0.998804921137629	0.999200841487351	0.996475008176827	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000816	0.927269571256651	0.995551154500302	0.947488558325058	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000817	0.784767798716721	0.792222762649734	0.98930477143448	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000819	0.922033854303967	0.970422220808815	0.977534782723288	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000820	0.99993852615655	0.999994425159306	0.999973928267471	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000824	0.997660920005663	0.999815140071876	0.999632683364315	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000825	0.989925527007102	0.990072288337064	0.999338431807812	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000827	0.896318721847836	0.986021393630158	0.978569250439912	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000828	0.990467228743095	0.998759343935923	0.981727384397787	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000829	0.517387985197504	0.817056409395159	0.972899094940081	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000830	0.681095060409968	0.896415252051446	0.972757013708287	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000831	0.998029346103894	0.999715302588278	0.999860360122066	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000833	0.995661231268067	0.998691505364877	0.999856497459788	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000835	0.857852236435766	0.926698489519941	0.989686495609778	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000836	0.148793439219814	0.26217600500416	0.715136645078801	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000841	0.988481598859265	0.998654968257585	0.997435214377211	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000842	0.398916632592928	0.809279248537915	0.893149268943673	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000843	0.983078478112597	0.998651721051649	0.995528857597509	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000848	0.999996643031348	0.999999572960291	0.999999298356222	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000851	0.99959305487185	0.999876428859426	0.999413274021514	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000854	0.941960879668541	0.995767597528673	0.972545005016701	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000855	0.999604439593541	0.999989098721838	0.999775657122047	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000856	0.996228292807708	0.998650682796253	0.999996272116146	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000857	0.999419696505252	0.999795392492705	0.99873913132307	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000859	0.558634980866951	0.775827395436544	0.8887192319287	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000868	0.917800525105676	0.994430062527695	0.914558231102996	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000869	0.997131195300828	0.998566831376446	0.999442103040421	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000871	0.999609120733093	0.999975291685412	0.99983906613799	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000874	0.997633020708876	0.999980207778399	0.998371919085122	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000875	0.999867998743487	0.999946273637789	0.999787384449875	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000877	0.997248705226719	0.999140893743805	0.995765061465336	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000000878	0.9999310259264	0.999948981613113	0.999763928646299	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000879	0.952804370271156	0.988886410105665	0.997256903571422	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000880	0.999779269844245	0.999931287358106	0.99996972558318	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000885	0.950066685176425	0.935303061218771	0.971386420339528	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000888	0.124216623166152	0.825331010902976	0.344341351828885	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000892	0.906061930675399	0.99007467854453	0.92938638333205	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000894	0.60413862078623	0.877472982735578	0.96872403145003	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000895	0.99254421685913	0.972504994484839	0.973625187845125	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000897	0.433932969668462	0.728020748066596	0.963336577428024	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000898	0.625979048425963	0.850198382367615	0.91070696769738	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000899	0.999973713748804	0.999789727742482	0.999559271220925	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000900	0.998177392140246	0.998850859326212	0.999321507117909	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000902	0.99990869448665	0.999949445402946	0.999919665169269	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000911	0.999307170786618	0.999728607502798	0.999859260187745	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000913	0.960276704302063	0.983078203594107	0.997916000523854	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000917	0.885244867477711	0.945754448271194	0.990250824217856	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000918	0.99986247789977	0.999980800415379	0.999959612692076	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000925	0.882596075121509	0.941985196847824	0.995514016380765	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000933	0.468355492500402	0.926980805577933	0.796047969509278	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000939	0.999958138596023	0.999948591439555	0.999812858040653	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000943	0.999853442327321	0.999962330702537	0.999999787128295	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000944	0.987579789778865	0.994980183746874	0.999542742099319	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000945	0.991729142473461	0.99630697077731	0.999965735434559	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000946	0.98542105262049	0.996819719908783	0.996833866058128	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000948	0.99980059917023	0.999902227971091	0.999933096624269	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000949	0.9999862745665	0.999956659143336	0.999880223097518	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000950	0.956191413983991	0.979047302395919	0.99984548929994	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000955	0.9984314714955	0.999778361982193	0.999885812528915	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000957	0.999829354815301	0.999997268183883	0.999851617930429	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000958	0.900440834749349	0.90213782474555	0.980579740238448	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000000960	0.222563273388118	0.962729057040931	0.558010595862733	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000961	0.88927820798611	0.986633985039894	0.850887247218392	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000962	0.830589173787899	0.632391045301487	0.822231021754539	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000964	0.595092735322907	0.915159680866581	0.756945723622039	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000967	0.968732265315594	0.968830464991552	0.999312989474762	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000974	0.999744508444239	0.999972368788328	0.999696095395289	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000977	0.989720193194597	0.928706012107437	0.900969475212184	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000978	0.998907562156286	0.999907185860843	0.99995486544877	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000979	0.998431860931148	0.999073843067943	0.999760638916923	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000981	0.996336300746233	0.999987052546829	0.997593259853476	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000983	0.867840386937297	0.891950742864734	0.998459609385971	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000985	0.999928807273139	0.999955361741959	0.999932228071724	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000988	0.997848846111008	0.999176993758626	0.990760058859562	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000000990	0.998749790969573	0.999742135829513	0.99995057602895	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000993	0.999972426644339	0.99998677394297	0.999944700415818	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000000998	0.894488537502965	0.982502501595088	0.996599503262314	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001002	0.889340025175513	0.881066393406148	0.973574521883898	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001003	0.872209134444245	0.957612656626154	0.956333592736444	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001034	0.489782472885492	0.718631425502283	0.894555190475727	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001035	0.999390829976617	0.999976926246909	0.999844752225292	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001050	0.999988455282681	0.999993727264406	0.999990889119455	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001151	0.994916087909126	0.999915220973979	0.999007949202963	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001156	0.804604073916952	0.875827318204258	0.980152547644059	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001243	0.999011117938366	0.999172116203356	0.999116554575191	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001483	0.9036974230493	0.984520756148807	0.998979281289484	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001484	0.998970270373296	0.999630992536774	0.99994384468887	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001485	0.997265430766339	0.999529329054373	0.999867849759425	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001497	0.998298858122186	0.999918263012852	0.999749819282199	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001503	0.998524862157849	0.999531727358597	0.999947620881318	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001573	0.995002792080973	0.998611507690103	0.999691539424812	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001576	0.965317114982419	0.98881505780587	0.992392831313106	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001578	0.994166585014692	0.998499719267194	0.999461756844295	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001580	0.557736629081869	0.969017845561836	0.51760169805889	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001592	0.995021037990549	0.998616264794923	0.998361940672325	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001603	0.989005112634643	0.998539831719023	0.998739569568827	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001607	0.998566627659487	0.9980931491616	0.985045076426265	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001778	0.999546395776288	0.999733066617089	0.999105527102189	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001780	0.995080832786009	0.998352956280646	0.999964095004727	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001785	0.330180036203482	0.618236264506196	0.621748312932729	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001786	0.998851306966664	0.999164567629708	0.99954806538605	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001788	0.897424483833299	0.915162579485328	0.993601164926174	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001792	0.97377594562339	0.990447843403285	0.998151451866395	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001793	0.908963636417035	0.990698010074611	0.949965814418289	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001801	0.312962121898579	0.987336072531242	0.297985748096447	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001805	0.971431774156573	0.994455699977648	0.998686823467301	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001807	0.996476588100115	0.999389218765764	0.999079701518622	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001816	0.97417845962219	0.996260446433004	0.986504246863824	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001822	0.985360166666208	0.982472511907404	0.987950265546989	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001823	0.843082635873521	0.815283819480723	0.958861564873523	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001824	0.449403727107671	0.888383631162873	0.700146894366835	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001826	0.56154974353191	0.872108776524616	0.937461914771114	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001844	0.999214249140298	0.999641214316757	0.999800686773374	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001848	0.983518839029312	0.994622781779296	0.999294319759632	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001851	0.951101095696113	0.977049933788287	0.980986596032385	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001858	0.947641388973267	0.987810687514647	0.989604955433056	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001861	0.991098423631099	0.999930514887322	0.995032315490296	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001864	0.823021166893425	0.800667274032909	0.988983208286043	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001865	0.991094988704099	0.999164100463348	0.999758894384627	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001867	0.996597237236786	0.993962486313445	0.996588318217401	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001868	0.982696457974981	0.999207775333422	0.998265402565666	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001872	0.997815191084042	0.999862092722638	0.999092066539718	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001877	0.920639781359135	0.946532094734558	0.998975555141873	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000001879	0.968501669476258	0.981861361716682	0.999863377860541	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001881	0.966935177164197	0.997910228672765	0.967652908626771	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001886	0.998395076057126	0.998545085163713	0.999067289642793	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001888	0.964181749434928	0.987089100213951	0.999245964815231	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000001948	0.999538832327575	0.999772368845075	0.999848254490687	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001950	0.999434460677685	0.997838562056688	0.996625252568068	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000001956	0.995133677907756	0.993231821453565	0.994019185215094	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002010	0.994726983208886	0.99993441505757	0.996814922335104	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002021	0.999895507761542	0.999933896910118	0.999755520902638	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002052	0.999421287563104	0.999959838743658	0.999733978808655	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002055	0.999696656995837	0.999895609805361	0.999093775206619	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002056	0.927696460644386	0.999892970423748	0.939702351646256	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002058	0.997944926047882	0.999815754090797	0.999438283763136	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002059	0.933578280033987	0.939003402561836	0.996588347741949	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002060	0.99716441544439	0.999918530733915	0.999907582901715	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002062	0.82139070159608	0.993360737912931	0.805316063474544	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002068	0.988099921514202	0.998844918866662	0.999637573409842	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002069	0.995356859471981	0.999174816616883	0.992667796836783	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002072	0.997956227787571	0.999952867420081	0.998142392853834	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002073	0.999925285050701	0.999929081190922	0.999887750383238	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002075	0.78610001380238	0.991044095551803	0.997330630033277	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002076	0.999987952351914	0.999980986678644	0.99993544286532	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002078	0.999996397022116	0.999990310691082	0.999962070550524	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002080	0.105633934477087	0.478064874135232	0.732714872812916	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002081	0.950552493103192	0.97160696799857	0.999345558945784	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002082	0.968342254128589	0.997777520049698	0.988421257870968	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002083	0.993961393690893	0.999105005732269	0.997789702024294	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002086	0.999955029163327	0.999992952596094	0.999997404045297	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002096	0.911130799487616	0.921501589597688	0.989341497800799	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002098	0.97368065572462	0.984279200322689	0.999271743589683	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002101	0.972433184216246	0.985917363709346	0.999817564345611	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002103	0.943708378843389	0.982403643123169	0.979822531130041	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002112	0.999904147967485	0.999945296028765	0.999938701750668	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002113	0.99540677430506	0.992861140883709	0.970857991712485	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002116	0.999720126205801	0.999962749174376	0.999716063617801	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002130	0.999664079958356	0.999910479560362	0.999989962259795	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002136	0.99310303568647	0.914014838913095	0.892566549797809	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002143	0.987585790549195	0.995883128262201	0.996043098166519	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002147	0.996949563595785	0.999553966342244	0.999300759289221	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002157	0.957502153745503	0.977806803128912	0.990357913614955	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002170	0.365809318021877	0.699413013124904	0.84495954783336	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002171	0.997454852479218	0.998416549099557	0.999818666588625	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002174	0.983440236613659	0.994515129156443	0.975785186380528	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002176	0.999946083787759	0.999998420306093	0.999952892907324	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002179	0.991435005153583	0.998356669131812	0.978436415093653	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002186	0.994687567836849	0.998932369092108	0.999784797520881	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002267	0.998428184815628	0.999992159018743	0.998763018446032	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002272	0.995503983945122	0.999628615871618	0.992994930492805	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002350	0.99990536205402	0.999830266514594	0.999665772370863	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002352	0.999617413335675	0.999984839526744	0.999827888494554	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002356	0.859024804794021	0.904205314876363	0.989458750851537	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002357	0.998986449768397	0.998937396185333	0.99879281211869	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002361	0.991264298528063	0.989418894545349	0.968509481226265	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002362	0.992077312350457	0.945150906898875	0.942329004028584	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002363	0.943500142704981	0.968362763353121	0.999028610434856	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002367	0.992921857687528	0.993945232361292	0.997120790684226	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002368	0.846336460241002	0.991396017538393	0.938281762950206	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002370	0.999108495764956	0.999157991472874	0.999176134172333	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002374	0.996766933618107	0.99888900291793	0.994748456993711	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002378	0.996817655362543	0.999457486456613	0.999604179563551	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002381	0.998898096936544	0.999762877883528	0.999939188273943	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002391	0.999555560020196	0.999912921226421	0.999972353928204	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002394	0.928779707705921	0.993965151634712	0.986970547900471	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002395	0.998442960280032	0.99952385436758	0.997086868787476	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002460	0.999711882265536	0.999991068877481	0.999850543293381	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002462	0.998261181114139	0.997775865506221	0.997916285054337	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002473	0.964287641793605	0.926237071052694	0.888446553122648	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002474	0.996692856383389	0.998030721789419	0.999301158492418	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002475	0.999891615533721	0.999986438346753	0.999982172393228	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002640	0.966517023122677	0.924571035816395	0.977833305224658	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002643	0.999764888387662	0.99999157258536	0.999764754326593	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002644	0.998110589501831	0.98879538371292	0.975987134335943	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002650	0.999954624525527	0.999985183992728	0.999876921298741	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002670	0.993384433625628	0.99583068063053	0.998180019186676	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002919	0.873866726901627	0.808459476844789	0.926355547189528	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002920	0.992903444437035	0.999689554835396	0.999372725570947	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002921	0.99974994323094	0.99999151516022	0.999872553514353	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002922	0.908088362840439	0.994236199792914	0.94873188669522	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002923	0.862459834447478	0.927435725650879	0.972036476410953	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002924	0.97383862350786	0.992942146500893	0.99972313593721	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002929	0.867967475146652	0.954587573450778	0.960007965030864	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002931	0.986638004066378	0.999253228850098	0.992229594126494	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002935	0.999233177680503	0.999770162152977	0.999987487849187	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002936	0.693694417913594	0.830262773097641	0.913625033609702	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000002938	0.979212634139674	0.999528773026875	0.997675831056655	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002941	0.981733374604225	0.99372697945777	0.999295971021781	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000002956	0.972590801328716	0.989417343717753	0.930579776023165	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000002959	0.999708491311632	0.999895400273573	0.999956612856975	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003017	0.950087182325348	0.964273568024738	0.999359950665067	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003020	0.660827723486109	0.967785076606729	0.611750391614736	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003021	0.990352422880985	0.99349094600727	0.998263687900421	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003033	0.91051356147387	0.983783773971926	0.890737095900401	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003044	0.999938695421888	0.999981703568131	0.999900738752497	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003051	0.914688239763604	0.989187744554151	0.971228318609167	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003087	0.993144896542627	0.998019811609206	0.999914190764261	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003208	0.999933310078967	0.999987918663197	0.999989327778992	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003209	0.992162016671424	0.99985111179552	0.996589335753419	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003212	0.740075966815858	0.574945361080696	0.908085505586981	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003215	0.93396665591198	0.991683107214887	0.994524413787507	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003217	0.55912780535511	0.630390275342003	0.994329963935791	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003218	0.99991598254712	0.999820231114603	0.999914666921674	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003219	0.915141222538134	0.969619783071535	0.982425854139384	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003220	0.958231510480777	0.926501068927155	0.874982767899828	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003221	0.999944376362773	0.999974325424356	0.999969656993247	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003222	0.995098520309	0.999687312681739	0.995464929215888	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003225	0.999642555632643	0.999822144832556	0.999843750103158	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003228	0.996605402195505	0.999713119313601	0.999577044063745	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003229	0.99983059410068	0.999961876080134	0.999998780511523	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003232	0.987502004412009	0.962660581077682	0.97631032595773	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003235	0.987109437428327	0.999918049376107	0.995368984435883	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003237	0.999938920998551	0.999924480649054	0.999646051930818	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003238	0.952830093358099	0.996639395910229	0.995307716592897	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000003239	0.998799197445871	0.999830121496239	0.999762589901427	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003242	0.994847492654931	0.999858661317017	0.996774969247228	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003245	0.9987008552604	0.99997299276076	0.998965597020193	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003253	0.133501571516085	0.958941546236015	0.177452552163271	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003255	0.883558569139794	0.974317998308931	0.931064532090713	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003256	0.999460288136794	0.999978230309333	0.999730470987459	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003257	0.819885865218291	0.972940512124788	0.973207830299216	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003261	0.997688027212268	0.998303538771441	0.998687575324791	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003263	0.999769368601521	0.999972904961751	0.999928329409006	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003264	0.999459832520243	0.999965289248208	0.999905462078675	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003265	0.935438731317315	0.996754183143593	0.9952540324637	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003267	0.991799915323513	0.995095633610709	0.998897662026559	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003268	0.998617273486972	0.999541599354641	0.996218710832975	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003275	0.944466407920904	0.963517833619299	0.998141110267758	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003276	0.99985337363246	0.995458000766052	0.992514999068344	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003278	0.276504758727697	0.303042614087235	0.968025525172128	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003279	0.954306292678274	0.984911786527328	0.994368573635567	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003280	0.822683905026109	0.803267618328645	0.971616723838941	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003288	0.999828761191768	0.999988416850168	0.999987977075464	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003290	0.754038949591758	0.975815811668047	0.655130256272953	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003291	0.738120055558598	0.929379990946976	0.976067933545627	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003294	0.977620225763424	0.970706226982297	0.990523652094231	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003295	0.97465905447165	0.998306077452245	0.99058160077902	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003296	0.997271310231106	0.98967689353598	0.993115577312578	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003298	0.999822491171737	0.999900555676154	0.999578788166255	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003300	0.999912779828279	0.999914848736766	0.999872441864306	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003303	0.986806944475189	0.995226024233883	0.999883503020846	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003304	0.907839895190308	0.988427318516696	0.967033436805238	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003305	0.772814618407656	0.832570811187408	0.96250437358169	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003307	0.998916309789206	0.99895754323363	0.998583548646982	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003312	0.984791897886971	0.99812390040558	0.994237365699012	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003314	0.986099772947627	0.975851416284982	0.979922212106046	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003315	0.945795317227661	0.959145594894043	0.999581356303309	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003316	0.999831383816475	0.999972177384205	0.999984720969476	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003322	0.98954497949981	0.999650367081581	0.993190070700494	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003323	0.987286898595469	0.993652459120528	0.999346436601956	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000003325	0.999933868357223	0.999902502243003	0.999600978490182	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003326	0.6616683045844	0.966557696863613	0.729021891135836	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003328	0.990373265541126	0.937729842670916	0.951758497402902	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003329	0.930171843191401	0.891071178855714	0.947078697860629	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003330	0.993832506945181	0.998026295780444	0.99981026514202	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003332	0.959665116578031	0.996524291506661	0.979782497602407	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003334	0.75035512613647	0.924144916548725	0.994936529050814	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003338	0.999822204593542	0.999910583468896	0.999908041287054	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003339	0.995944480308265	0.99660900581818	0.989521386603897	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003340	0.995601169448336	0.986984651789545	0.893485017219012	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003341	0.959054377917143	0.902498771719449	0.947488517920655	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003342	0.999796521126755	0.999969856137955	0.999934541489667	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003353	0.500307932811652	0.934778590672228	0.614557003314657	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003354	0.999912790216334	0.999974109418141	0.999992407993102	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003358	0.986892175147189	0.999886534612732	0.993815121955053	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003359	0.965927140879794	0.987846340557446	0.997549168670359	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003365	0.999798480036837	0.999996434125223	0.999848155417494	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003375	0.841038133345331	0.949882360709759	0.987264373506823	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003376	0.998063421804573	0.999578870234254	0.999630804853277	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003381	0.999841205286555	0.999984159671265	0.999810353791932	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003396	0.987423463884353	0.996294339934009	0.996752916607123	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003397	0.955176359035307	0.999110961973347	0.983148370448205	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003399	0.999658054733236	0.999987942823177	0.999786404896448	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003403	0.969140944476242	0.784286080043113	0.805343789277155	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000003407	0.999398163267945	0.999844978326781	0.999999460560446	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003408	0.382656812793918	0.74757552338159	0.641917410279262	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003410	0.999844277061393	0.999991950033257	0.999964136597914	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003421	0.999905652922678	0.999987483055684	0.999989591665918	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003449	0.985529344706819	0.999055044474525	0.996350100001251	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003504	0.956854925558571	0.987078589588621	0.994626894230444	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003505	0.780899948230482	0.897815070494321	0.988446578170808	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003506	0.242664800180911	0.383118696185674	0.858747483031463	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003508	0.855905074268984	0.895526460768319	0.758101134780073	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003509	0.706784715166404	0.746238320950849	0.999453348060168	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003510	0.998973969902201	0.999925334477011	0.998823164081585	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003511	0.849727245398636	0.998745108670076	0.865614766599476	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003512	0.943703565087653	0.841362748484977	0.885207603552659	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003514	0.999926224212153	0.999978173152823	0.999986970722611	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003516	0.999356354356834	0.999988507337783	0.999784716469049	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003527	0.994642495789477	0.93759200380914	0.927458071227392	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003531	0.936864319677799	0.747609126007145	0.643735948577811	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003532	0.772977306407422	0.997298860115895	0.88722973944162	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003535	0.998899142705924	0.999852373586747	0.999598425071838	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003566	0.994685102391282	0.999707211395451	0.997540220657418	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003567	0.91109121601258	0.973345318785042	0.780215298756974	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003576	0.996656810249511	0.999983309117126	0.998106894994948	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003588	0.998460352443251	0.999881725639105	0.99972496201207	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003602	0.922691156736924	0.987328551586217	0.986780471786505	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003604	0.990377339958735	0.93382458518823	0.879086805691257	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003606	0.981651271887549	0.992934196633294	0.999675693853733	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003607	0.992628851082713	0.99886256837059	0.999137799560278	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003608	0.563652234579279	0.926329019975926	0.905975723583161	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003610	0.999596076595245	0.99998445768808	0.999805679690705	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003614	0.999696832213088	0.999888611082568	0.999400641722926	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000003617	0.935531090931986	0.955340457251288	0.999473648269503	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003619	0.772175398553226	0.99502352385581	0.974385674710142	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003622	0.940397122868822	0.999700881608636	0.953716060868425	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003629	0.980914099177178	0.94401399825847	0.954777276554147	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003697	0.999851236212055	0.999989435317663	0.999956348133727	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003699	0.999596976177639	0.99985459080643	0.999940904537348	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003701	0.848320085118686	0.977645095078025	0.944401819153923	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003702	0.999976645040673	0.999999518815577	0.999988495697813	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003705	0.673829473580077	0.68548261374283	0.996648671307835	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003709	0.986414686940961	0.973512733499078	0.979500495617883	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000003710	0.94707006355603	0.982632284388154	0.987352432315568	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000003711	0.99965584761816	0.999819213846941	0.999909501226799	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000003748	0.999969654652253	0.999996109088156	0.99996260850622	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000003757	0.999331164240936	0.999773355438814	0.999945168695844	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000003807	0.99978362841759	0.999997610984757	0.999913657288749	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003808	0.973905662907449	0.98037854023743	0.995782075737846	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003809	0.820742911768919	0.977848106822505	0.960651451891405	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003810	0.371257071295803	0.760981442968637	0.842983204084897	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003813	0.969554731170421	0.983122423562231	0.999687573349892	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003815	0.771598086319108	0.990320346220184	0.972462111184205	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003817	0.998949844740166	0.999948961681323	0.999555486768859	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003819	0.99181255800816	0.996750883418005	0.999935840913894	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003830	0.997947320095521	0.997926456521813	0.997840904832001	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003833	0.967866062542357	0.953257579516175	0.972105013418269	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003835	0.574496946457913	0.959044056118602	0.827572208532665	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003849	0.999182275030673	0.999848260558462	0.999812552433973	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003851	0.999930984459245	0.999995869487718	0.999969935988707	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003857	0.999977643659007	0.999994739681154	0.999934235527292	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003861	0.999246330166893	0.99954159697155	0.999750640665936	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003878	0.999422968785518	0.999984703775877	0.999413663269496	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003894	0.987626657314703	0.939944840101976	0.900908401918013	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003897	0.8110728570636	0.987117986923362	0.996195168843864	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003901	0.961101647816402	0.999293511030988	0.965084342865422	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003907	0.999974157503848	0.99168364967605	0.985550144642484	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003920	0.671450191099138	0.946962742828298	0.851464134876318	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003922	0.999792804692921	0.999870875292577	0.999382234994846	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003925	0.999800224632581	0.99989268536749	0.999915845208301	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003927	0.998838568835735	0.999867158689896	0.999948786843847	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003936	0.997562673502805	0.999863997001017	0.998890759026823	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000003937	0.961790307847422	0.954773535768478	0.996337707782854	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003942	0.999973007051819	0.999985248651893	0.999882684891081	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003947	0.999597572365582	0.999887813433687	0.999989110024258	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000003983	0.999470380919764	0.999840079611197	0.998742976238397	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004010	0.631821133073069	0.775130806934939	0.883268016113194	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004021	0.999090326483758	0.999770605951769	0.999947835945163	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004106	0.998512740670675	0.999395061389989	0.999817751442971	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004108	0.993343350036854	0.996473371829767	0.99907088771049	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004110	0.963371638337412	0.998717073666297	0.966241069738288	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004111	0.96742787532788	0.985871108298389	0.993258259647172	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004112	0.753231288586482	0.974902841252349	0.96372451038679	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004117	0.998645771675203	0.998616015357232	0.999067062113046	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004118	0.975978284024005	0.981445252129922	0.995944727855026	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004124	0.999724849285069	0.99996821942938	0.999668180220333	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004138	0.999937023708308	0.999950309919865	0.999831497426168	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004161	0.998779311805113	0.999730408973338	0.999994319644922	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004168	0.996477625115439	0.99961659715537	0.999721513121894	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004177	0.892775301744961	0.978235308231684	0.989895204637839	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004178	0.887317202381521	0.988397736488816	0.924428468924495	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004196	0.930379508510156	0.970997302255095	0.995203436660219	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004199	0.998903049441457	0.99816445663108	0.998718823817724	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004207	0.989323195932327	0.99327955061401	0.974573914641695	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004215	0.999584869088358	0.999752384442643	0.999738816447045	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004216	0.971088214134652	0.996952972814678	0.983626841713127	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004221	0.478936273104253	0.703760769241783	0.869348918371492	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004222	0.991243850841748	0.990712187450739	0.999276129424421	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004223	0.982442764204135	0.75472719765373	0.711312635647826	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004225	0.99998532302693	0.999996154977799	0.999997774976197	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004226	0.982334679087195	0.942481970089185	0.953287500630135	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004227	0.998587730834571	0.999244646269331	0.997051568774748	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004237	0.362604964679069	0.692721021051565	0.982827697047057	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004238	0.720574500147195	0.839474893715338	0.99473902363204	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004256	0.735557512515828	0.834521444910597	0.970004947006552	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004295	0.933376799125221	0.961887541023532	0.999615827930199	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004413	0.998068284291203	0.999628668125678	0.999702115110355	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004416	0.9989470307073	0.999854672618845	0.999907239417296	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004420	0.998622669143513	0.999318553735083	0.999799823444307	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004421	0.996768595430646	0.999571545976032	0.99922777623943	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004422	0.98487930262758	0.996676085107727	0.99925894825385	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000004423	0.703547029142655	0.835360269840752	0.953349480738499	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004426	0.997608121857228	0.99967954269086	0.99921847355297	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004427	0.938030416703275	0.970839131265185	0.999029881019544	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004428	0.999645108750087	0.999855455956244	0.999953914560155	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004430	0.991604354406123	0.996201021859087	0.981159984363037	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004432	0.261601283441915	0.503132758224044	0.954940219550267	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004436	0.999091706430263	0.999713463499196	0.999970414128953	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004438	0.999863546146403	0.999773686201662	0.999609858938352	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004448	0.999976876712103	0.999996381669698	0.999999172930581	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004449	0.633425542410042	0.607881768934502	0.991957400317358	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004452	0.999947095849678	0.999995426175104	0.999995985517177	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004457	0.99016355658455	0.99907314501666	0.999450213347721	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004459	0.822772388917781	0.989150791747821	0.874926296251985	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004460	0.999235850002837	0.999779223257489	0.999991744839385	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004463	0.99987733670612	0.999991667491772	0.999977192767075	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004471	0.999317413946308	0.999582857793767	0.999937075884987	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004472	0.98909010079985	0.996138272569598	0.95715673268067	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004475	0.986031328321935	0.980553583510499	0.986501506106578	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004476	0.948590585437324	0.967136707024361	0.998035254116946	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004484	0.999557995333294	0.999794968670687	0.999224481484112	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004489	0.999935270396021	0.999998283033232	0.99995196634744	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004490	0.693373641730767	0.639723051366599	0.952243519333002	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004510	0.514593712335111	0.855848025535461	0.337901690740839	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004511	0.961052088393759	0.981760141829559	0.997515445294282	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004512	0.997975156011678	0.99997376782668	0.999688531113546	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000004517	0.999987899701812	0.999999452788385	0.999995086837714	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004521	0.998415456907891	0.999332899668729	0.999859569681158	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004524	0.997403439763158	0.99910702486374	0.999961517980834	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004531	0.998790630181542	0.999906068770105	0.999757773722733	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004542	0.989145585168638	0.999424884722748	0.999184150332823	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004549	0.999779421976722	0.999941766863065	0.999995412454437	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004551	0.999534400913897	0.999990980528726	0.99962615106625	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004552	0.999978211709215	0.999990709437044	0.999936203908249	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004553	0.991046339196634	0.998126141071054	0.998751938686648	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004554	0.995015824344804	0.999507391240507	0.999880144752249	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004556	0.876309546966718	0.976143308100385	0.978652376841618	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004558	0.917790534924344	0.959268994175123	0.86459140969671	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004564	0.995836556201089	0.999559840229901	0.999120990631011	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004571	0.999959237681379	0.999901742700244	0.999836483166202	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004574	0.643914424917225	0.548984907050364	0.942911954264394	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004603	0.999847421329073	0.999998279080607	0.999909461349533	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000004612	0.932250556172197	0.84478536908581	0.91142989892112	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004613	0.915435035754116	0.986843951922024	0.968675911308121	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004620	0.993293996542099	0.99802797394952	0.999371075244629	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004622	0.879032728239515	0.998795088952979	0.892673213765885	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004625	0.992587696040378	0.995001937255959	0.999210942142553	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004630	0.410996599918269	0.453077627756446	0.890443120021488	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004631	0.996086358939626	0.999621405326865	0.998791643586487	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004632	0.998885573328087	0.998021694939774	0.99725196448702	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004635	0.989698914353897	0.999319162681599	0.996289175021555	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004636	0.999972100735873	0.999994722459018	0.999962473831671	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004639	0.997145528598601	0.995589372560136	0.98790959788055	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004641	0.943259277774159	0.971185650959648	0.999597934451572	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004643	0.999739094684959	0.999997088867654	0.999808804072314	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004645	0.0787327760812784	0.474333414202463	0.807694447567854	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004650	0.998757402282574	0.989683952035129	0.987061315299078	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004651	0.983720524972048	0.99655068362183	0.998449269569492	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004654	0.999563037870802	0.99999543870998	0.999751206773067	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004660	0.881466185828452	0.994585380267252	0.97387475758779	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004662	0.849289094724203	0.950745515721996	0.981573420734118	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004663	0.991496968765612	0.999054372409712	0.987545223609268	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004664	0.982619209284842	0.998719460929581	0.994977002855295	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004672	0.999381743826741	0.999990476483839	0.999717132325516	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004695	0.999012135740207	0.999936899478331	0.999797795623369	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004705	0.65671816840676	0.380484033558272	0.844886718298605	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004720	0.527320899806023	0.673143407443807	0.976575553925786	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004722	0.999331717315085	0.999666780467486	0.999758038220053	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004723	0.997048781089714	0.999861643490969	0.999546574918482	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004729	0.966242414655114	0.970754799776927	0.998995381326389	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004755	0.99648491962794	0.999859231780323	0.99865960310628	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004772	0.935083959671488	0.949410128409205	0.849151953081305	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004776	0.991434215081863	0.985957216859339	0.993766269480881	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004777	0.999820785883754	0.999906975807355	0.999901239132673	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004780	0.875025774311735	0.947213764061742	0.959767611395326	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004781	0.985503111107323	0.998871594375598	0.995400586277738	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004782	0.996303435400067	0.999772681735122	0.996687634951553	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004783	0.993285400592982	0.998865289228626	0.999645745093974	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004786	0.999915500002979	0.997146397087024	0.994659402207889	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004787	0.756909893872996	0.980721175408863	0.830345839499311	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004788	0.996969161850126	0.999816577798883	0.99938185683609	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004789	0.663211315162634	0.486935305947009	0.861724130749651	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004790	0.978152358877781	0.997298858044646	0.998740247175587	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000004791	0.999290777473928	0.999804843197444	0.999999116466156	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004792	0.860164474132328	0.987004178428693	0.954256900645815	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004797	0.988414802523734	0.969796501694345	0.973290861611111	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004799	0.998307074210814	0.998313002696918	0.998092768222602	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004801	0.99725478479378	0.999911452706254	0.999394595353935	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004802	0.841286844013374	0.961972730280714	0.936366190976854	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004803	0.999942938001076	0.999988199990546	0.999999008263744	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004804	0.999986525908128	0.999999754826598	0.999989990809799	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004805	0.999934209773446	0.999996544585097	0.999939842565666	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004806	0.922197959524341	0.994492200718042	0.990261448018954	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004813	0.417724693294124	0.909175100711553	0.613455171096724	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004814	0.999917207416387	0.999997818767084	0.999957324523258	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004815	0.988894085598197	0.999217201998059	0.998173995309666	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004820	0.955574489743126	0.994074510133041	0.99676509927934	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004823	0.957973127899456	0.962351118985741	0.995270010686401	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004824	0.983826717260199	0.998425005151405	0.996022241540257	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004826	0.989523940196539	0.913991133935527	0.965834386116957	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004829	0.9973791555227	0.999157201698288	0.999982590496835	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004834	0.999927944515677	0.999983904892052	0.999999307159934	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004835	0.926878588971923	0.931570583510886	0.984775709857105	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004836	0.933303829794246	0.971414621910618	0.979548308507328	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004840	0.753161039405971	0.923559201959432	0.995916113324375	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004842	0.999927764042891	0.99998929445519	0.999915767677357	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004848	0.647759607660589	0.896654867582207	0.842554881233123	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004849	0.987171227728871	0.988672549832405	0.994150323288172	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004850	0.999002420617638	0.999378086951248	0.99956113004267	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004851	0.997070948417898	0.999747178277612	0.998741093665945	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004852	0.999957480251089	0.999953513195531	0.999830580221222	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004854	0.983103194636206	0.992934947454937	0.998460695749691	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004855	0.994114822731706	0.997489230711885	0.99992958661939	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004856	0.9991677796903	0.999876808315595	0.999972720467238	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004860	0.504257516743232	0.806457005790957	0.831082905300008	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004863	0.992090469211043	0.996318764839797	0.999668539181307	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004864	0.983382466040332	0.992547127916582	0.999820533909787	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004869	0.806019625846606	0.990106477769353	0.844618826332804	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004870	0.999282953175053	0.999914285285409	0.999866144413353	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004871	0.918804081072458	0.96299443924094	0.99466441265649	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004872	0.999154852630514	0.999852233288526	0.999967461033549	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004873	0.999965560928839	0.999996738723859	0.999963214385144	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004874	0.929201971871214	0.98888281059391	0.997298022330249	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004875	0.999981160106107	0.999945951432033	0.999864556705932	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004881	0.957967604337335	0.992548373397692	0.982917327252348	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004885	0.286206251176124	0.713420243111059	0.886820573150191	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004891	0.99953723344465	0.99901991978724	0.998447467032428	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000004901	0.986540987896949	0.953455265729653	0.98031449697112	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000004902	0.999741470123304	0.999633776235787	0.998819206124699	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005015	0.75117265421193	0.961794823490245	0.884590363876828	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005038	0.95588811825867	0.954631701060426	0.873342832082576	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005039	0.999692398584413	0.99998650878842	0.999906669611861	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005040	0.998553725291211	0.999976556270196	0.998553050222393	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005042	0.975764455845756	0.999188909578431	0.982657049846897	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005048	0.763763118776672	0.956028379204968	0.998924493890968	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005049	0.881479614852558	0.920700247070445	0.956772128588889	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005055	0.810689125244199	0.642685920288981	0.857549841670426	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005057	0.999825611962581	0.999971042251518	0.999977683775316	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005058	0.999889392343477	0.99997680683609	0.999998924800877	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005062	0.986150929054081	0.961886447956979	0.970114346773863	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005063	0.932610884628516	0.964065781836744	0.994267566981586	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005064	0.998400105943657	0.996000652538722	0.995646532024057	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005066	0.996901892063985	0.999710516105939	0.997025138400917	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005067	0.999927907335507	0.999992459395865	0.999976812528922	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005068	0.998930245692271	0.999915418705186	0.999614992559983	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005069	0.831685438478287	0.998455531352544	0.930616326257349	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005071	0.999032267461456	0.999871140371264	0.998866153067357	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005072	0.982777761563912	0.778210298481512	0.8337074416747	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005073	0.976592180676956	0.961065085287708	0.972578702500723	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005075	0.999536922614101	0.999928469458153	0.999981119218563	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000005077	0.994138725984767	0.996603031576068	0.999738569345155	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005078	0.858305422617555	0.929709662754759	0.982698889350038	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005082	0.999798694939135	0.99998847931677	0.999979993821682	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005083	0.999575436691859	0.99999964518292	0.999718650974311	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005085	0.56408474461685	0.890432713114771	0.92245999419488	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005086	0.999589558524294	0.999976183173166	0.999943047346456	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005090	0.999022431852504	0.993197253824368	0.985589512710585	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005091	0.951002519570494	0.967834150475381	0.996298796035263	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005092	0.203942086140154	0.65500735355906	0.589131555361109	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005093	0.956408581065988	0.99568819068549	0.944035684699925	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005094	0.988378870230615	0.770663122444847	0.847680280825773	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005096	0.99803273759099	0.99944308649219	0.995720982555749	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005102	0.983362247716177	0.998228526862133	0.994998759512585	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005105	0.884050949890972	0.93946803439578	0.981302462388779	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005111	0.967689165152462	0.94697225779713	0.975731955053277	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005115	0.988769296293773	0.999720529624558	0.99873687010986	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005116	0.983236459922257	0.998113494214669	0.998215756538072	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005119	0.99948040353357	0.999843484017537	0.999963034919436	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005120	0.703670170248051	0.913583433474413	0.543894079030245	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005124	0.996020588121785	0.999939109771447	0.998160384618117	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005133	0.820194393701862	0.983511516901292	0.982160208049914	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005136	0.999925656588635	0.999919709817516	0.999940971828334	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005137	0.917847459629428	0.964217728879381	0.998627661939227	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005138	0.999126010785894	0.999731595344074	0.99996298771337	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005141	0.974390874623392	0.98639700219256	0.9367972887545	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005146	0.999780162762108	0.998899135434091	0.998333787358963	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005147	0.998897935183654	0.999999511358584	0.999270090585372	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005151	0.861214153612928	0.968750812967423	0.938243930984123	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005154	0.965463710549912	0.970703139734827	0.995779392323172	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005156	0.906618949589399	0.983034385565265	0.968601410783964	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005169	0.971225511942565	0.98052156912017	0.907282192108712	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005221	0.999943632809495	0.999987335406382	0.999997694134395	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005227	0.840736252427116	0.981606977798641	0.974945963938023	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005251	0.859020091195843	0.919092778907937	0.993614049240344	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005328	0.993845260664124	0.999767065015844	0.998876080446349	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005333	0.981305421832568	0.996694986465582	0.994591073122462	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005338	0.999182892946555	0.99997756587167	0.999966739122	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005340	0.997079700209064	0.999319681461314	0.994448299747841	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005344	0.99966275382343	0.999944959464964	0.999935281632366	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005345	0.999961957901228	0.999998222624115	0.999983203797636	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005347	0.999431733859679	0.99999745363798	0.999541760289581	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005351	0.988186992143632	0.983666752210008	0.992204578107889	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005353	0.969153846452934	0.998333767914036	0.983259935163107	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005354	0.999648976229817	0.999977769956602	0.999891398533708	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005356	0.997405884822567	0.999657991742897	0.999745340197459	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005357	0.99997476796294	0.999992276806374	0.999993506405689	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005362	0.995624072567261	0.99986366312224	0.998152649898882	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005364	0.974842682404118	0.872669218649637	0.9560495961473	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005365	0.510360338529806	0.750594853381893	0.879689682473892	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005367	0.991727197139949	0.993158991880463	0.998882847654986	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005370	0.92721445239983	0.849451801907056	0.986332363717381	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005371	0.99725892972127	0.999956977837283	0.999448779275248	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005373	0.684632344261964	0.862442814436994	0.989806862195263	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005376	0.970441758266827	0.989100858238105	0.997776791780215	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005390	0.946690753000232	0.960924222268207	0.995430042089897	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005424	0.774179596766897	0.837528835014993	0.566568164309496	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005431	0.882938450488988	0.972053815986459	0.929349092507412	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005433	0.901513647536557	0.980807809654824	0.873250650942085	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005434	0.919155683002632	0.933016494183223	0.991629056297898	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005443	0.996665031056009	0.998904953176767	0.999996290953639	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005445	0.997030460599159	0.996557257556266	0.996681056445391	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005446	0.994939969135593	0.998762778065257	0.999858272112433	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005455	0.999988670971185	0.999998208233314	0.999999194463203	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005458	0.99963815597462	0.999964351174796	0.999947895043058	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000005462	0.997641564592848	0.99970446567341	0.99937606645648	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005464	0.999900855937334	0.999981787377961	0.999998748800469	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005469	0.999919990060687	0.99999175152585	0.999992966896877	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005475	0.857253894780718	0.688411859696611	0.869575332674476	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005477	0.966974920943438	0.952495502848873	0.98681877363447	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005478	0.998843397599772	0.999949210659797	0.998975507328083	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005503	0.998072663297256	0.999436348994893	0.999900626943124	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005606	0.856513273365811	0.914321317785642	0.999403949558751	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005658	0.418970997297096	0.659970355567362	0.839952499557866	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005660	0.998888466237366	0.999868598136117	0.999824822804073	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005661	0.995268817719917	0.999730568745743	0.999136721153922	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005663	0.999989895168696	0.999967345196674	0.999900923679991	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005664	0.996596321584846	0.999123618253631	0.999931428586698	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005665	0.999776053041271	0.999963382387273	0.999502453798331	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005666	0.944878832359066	0.95722509674462	0.999525657448319	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005668	0.929439963190582	0.825820546960003	0.914136053154378	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005670	0.666527056034076	0.978549873172666	0.719695990454247	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005672	0.54703085149292	0.970362039883196	0.573493673478473	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005674	0.999480907308235	0.999731827590098	0.99894945833088	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005676	0.999680352040778	0.999889518056854	0.99949608701978	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005678	0.956825417166852	0.969665051933675	0.999127275147245	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005682	0.994958688510551	0.999884189478072	0.999674813294109	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005683	0.999990905757331	0.999895610642667	0.99973459178077	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005685	0.947057987940848	0.940638065725563	0.980026224033754	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005688	0.963156302642934	0.997095188492212	0.996150174368927	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005691	0.834136422933182	0.871795269220856	0.999030881377883	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005693	0.990637528934095	0.994450066418046	0.998992859871667	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005694	0.999978122310517	0.99999830055376	0.999974755610737	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005695	0.998094101109709	0.998346241817463	0.99423168665155	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005700	0.962435604502545	0.927081503184441	0.950710575202274	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005708	0.993148357303241	0.999952003495815	0.992323003053811	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005710	0.821831145304972	0.811734857467323	0.97199743410784	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005711	0.394001610044984	0.267066163770946	0.916286380748769	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005712	0.994891456233527	0.999494967114026	0.999860294563128	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005714	0.924989519799014	0.980646056184456	0.903359407936917	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005715	0.951159630891778	0.987843167212431	0.997125777419041	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000005718	0.965835378940602	0.997123575638155	0.99289876991064	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005723	0.998588191324228	0.999605063330324	0.999973558503884	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005724	0.995801021367968	0.996920298501104	0.999580699285892	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005726	0.998109940220162	0.999851985543575	0.999795323470447	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005734	0.964878798852805	0.913148502553179	0.933234322444434	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005735	0.931312255235059	0.993278594581395	0.99716669756281	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005738	0.851731125046378	0.878026599342066	0.998934978812175	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005743	0.999880541378354	0.999948538153907	0.999977470424017	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005744	0.989132812453416	0.999526060658615	0.999331247901624	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005745	0.986428964741321	0.735454978310868	0.709810673679236	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005748	0.808869404117378	0.97572821819329	0.966038454910858	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005750	0.965873263252479	0.998461821897928	0.978583062363243	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005751	0.999359775053495	0.999527105872048	0.999661851750188	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005763	0.929558557927327	0.995015270980775	0.991742176406312	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005765	0.712542168026034	0.943823183904048	0.969242958099434	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005773	0.726470588805652	0.916109556695641	0.959714805960791	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005780	0.99970593667697	0.999990529349514	0.999725876124783	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005784	0.816249143334669	0.545914745964585	0.748941971918944	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005807	0.999024148079418	0.999941045570319	0.998561215679643	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005808	0.958209233066689	0.989804314976149	0.997728463829998	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005810	0.935827453558802	0.94462455017725	0.990469278217483	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005812	0.669958538265673	0.883274855283727	0.798855493473285	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005832	0.999740258995205	0.999993260441106	0.999785404368377	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005833	0.922369961701653	0.989258151942484	0.981146270560374	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005838	0.982713446191125	0.99932970783423	0.993775712396493	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005842	0.995702597657073	0.999832942027774	0.996227264914741	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005844	0.999854680287322	0.999992971647647	0.999869373121745	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005861	0.989547997862313	0.994529595207806	0.998927784148523	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005870	0.999330651962872	0.999716762705837	0.998959535836377	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005940	0.999995154459771	0.999998779522839	0.999999193427827	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005951	0.990487323561637	0.90887236194595	0.903289208380734	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000005955	0.718918172218446	0.934033881863163	0.912917888940018	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005957	0.999790630376374	0.99998604582053	0.999986037627834	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005961	0.998764967326534	0.999801946922716	0.999863052922105	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000005964	0.980620614961262	0.995399790141843	0.998352709122189	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000005998	0.910132175884095	0.996359717311306	0.968620813022343	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006231	0.895007475928244	0.906764730949235	0.986074491570103	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006232	0.935961793224376	0.983269686238913	0.919199476195506	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006233	0.791623470024829	0.999093750403228	0.808242734965296	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006234	0.981997052750792	0.997218597457828	0.999132259678558	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006235	0.999859513002375	0.999889849462412	0.999461583519975	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006240	0.67744021547091	0.911039249614023	0.977796601426722	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006241	0.712593606350491	0.942506416698777	0.980387645984696	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000006242	0.999994221774077	0.999987376555226	0.999962367063415	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006244	0.943548335083765	0.997409819750669	0.996679263107899	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006245	0.991217336404634	0.997185168966026	0.999843771360916	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006246	0.999875095156502	0.999976982476708	0.999980042391218	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006247	0.975225164220216	0.999747928308445	0.998384045170278	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006250	0.999999164965647	0.999999418578146	0.999997234609121	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006253	0.979900199529806	0.995795094966202	0.989795676521751	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006255	0.98274736293381	0.9860663534876	0.994114848102772	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006256	0.794148907736012	0.940963798550334	0.728920910225641	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006259	0.976234000354821	0.996734147007144	0.99766182215162	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006260	0.808933614394828	0.94731217329152	0.982078272433729	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006261	0.769779368768474	0.98166394839423	0.751252155562567	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006262	0.987985304673827	0.999507008408821	0.99473971968366	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006272	0.999617995988345	0.999110635253697	0.997741064347335	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006360	0.888311412393576	0.950362109660318	0.835249602479999	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006366	0.995203960111568	0.998231828216772	0.992062619270489	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006367	0.691536120537083	0.654805061586927	0.977286103735981	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006377	0.989099263409343	0.925035638102178	0.890572957734699	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006391	0.953823588869221	0.969254820271392	0.997619807494847	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006543	0.999793965362929	0.999996376407732	0.999914064723279	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006547	0.999484945554588	0.999939025111907	0.999936374212543	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006548	0.954534056192275	0.991000357337737	0.997457236930273	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006550	0.997572841298223	0.999776506254127	0.999920157210483	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006551	0.927047771582442	0.920600259974277	0.977584626874776	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006552	0.7032383551266	0.754112497191037	0.981159561306583	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006555	0.999797439039739	0.999986914224318	0.999926566983813	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006556	0.999990345673955	0.999995472386254	0.999994722325096	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006560	0.949655212906524	0.782941392721555	0.830762140299091	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006561	0.955672545109383	0.957647766602867	0.832071045311722	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006563	0.979133537682111	0.980553288471419	0.946319958530246	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006564	0.996627479752677	0.998974903645924	0.999975591851891	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006567	0.719642822909685	0.977981080415498	0.62498537721236	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006570	0.997180176285697	0.998647754393191	0.999485314626686	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000006572	0.945146100733476	0.850189056933731	0.893689091236875	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006573	0.999211861465254	0.999979746123546	0.999165297744801	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006574	0.984567939854815	0.991441155625752	0.998910487108773	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006579	0.969473345825644	0.702220099809394	0.72931649305887	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006581	0.996146295965753	0.999826590401106	0.999826829545589	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006586	0.999994170355139	0.999999719610706	0.999994794551747	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006587	0.998136253463856	0.999301691142185	0.999905227658187	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006588	0.998888715558506	0.999294948837119	0.99948830768165	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006590	0.994938076374891	0.999950850303177	0.996129612283244	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006592	0.983184605239122	0.999473121583445	0.996280618190503	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006593	0.999861166845322	0.999928197506972	0.999732648348955	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006595	0.679468073975597	0.907658778326075	0.874142903057845	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006601	0.990639156623571	0.999010823656435	0.997008824177454	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006606	0.965715150335846	0.932986153398251	0.76188386975016	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006607	0.941945792427741	0.988963012659799	0.994573070248371	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006612	0.999686628286289	0.99999333012233	0.999852258457429	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006614	0.994013345674421	0.99983660787655	0.998961274976403	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006615	0.998322153912537	0.999702522547187	0.999649945489957	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006616	0.999875616954815	0.999948760401478	0.999954716367087	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006618	0.939169408119917	0.995210083707648	0.995076999803398	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006619	0.834872219552668	0.997588219344265	0.881623332138846	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006625	0.999409873398765	0.999125646722252	0.998777251377267	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006631	0.637575945308004	0.946238788650567	0.879397580069592	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006633	0.999823809032184	0.999803194495477	0.999236567484033	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006638	0.999271011947144	0.999813283594678	0.999969513323707	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006639	0.999937492384848	0.999999213092301	0.999961828735393	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006640	0.999899469509366	0.999945363376704	0.999927153076791	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006642	0.999440645640298	0.999961220342002	0.999930235799912	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006643	0.250950767485332	0.393986304327173	0.93507850028105	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006644	0.999960436209621	0.999995923153293	0.999992586988161	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006646	0.976935670054969	0.994901219898817	0.997052500255067	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000006647	0.999565574183387	0.999976523541166	0.99955066546999	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006650	0.951646702681555	0.98604348406496	0.993185895410365	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006651	0.902544102129746	0.946721128012788	0.994150871775574	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006654	0.999559348489179	0.999984447243332	0.999638615175969	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006656	0.99948752863875	0.999858099505614	0.999998339464996	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006657	0.99997472170266	0.999938332585022	0.999865715511246	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006667	0.999593308959888	0.999736378079354	0.999715496407938	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006670	0.999909672215392	0.999993046489724	0.999960396872956	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006671	0.99999739383324	0.999994702701068	0.999986130097428	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006672	0.999983475343619	0.999997091960771	0.999998408152312	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006675	0.75281873111611	0.78798964899814	0.999880009553056	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006676	0.870659495835078	0.972835653364971	0.963710238422379	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006678	0.98855719343589	0.996278875463189	0.998686345900385	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006680	0.745229456119262	0.867265118865091	0.945928262917825	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006686	0.909446250402361	0.995409883458547	0.928964876618504	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006688	0.996908534441201	0.999913088204564	0.997802748133418	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006691	0.961095416487446	0.97968975956302	0.932780252869245	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006693	0.99653499041208	0.99815731135595	0.999767684866284	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006694	0.159394313846605	0.193292846691879	0.972856929722774	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006695	0.998803506273543	0.999237060399124	0.999395565616368	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006716	0.738547241320011	0.878227381529753	0.98421789730195	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006718	0.998445241564788	0.999914877840415	0.999050561320809	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006719	0.881771288761114	0.995750402104884	0.969190668190193	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000006720	0.674569389384922	0.992324440971099	0.793003007717624	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006721	0.999911304962699	0.999954706516659	0.999945655316805	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006722	0.257116452529926	0.820925520555786	0.366106025428621	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006724	0.998889836451741	0.999610487007731	0.999948230516942	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006730	0.85608823255707	0.520428090694566	0.418463819381371	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006732	0.341953967352252	0.626161165970307	0.674464465543744	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006733	0.935463608032165	0.98652500552271	0.993028810760101	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006734	0.159770331151525	0.329015714096708	0.864200579062269	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006735	0.982187795334198	0.995792137033722	0.995060503809177	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006744	0.999523436582889	0.998940302710531	0.99807502856483	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006747	0.763033768283765	0.859266649597831	0.993291719372059	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006752	0.874191889914983	0.991614378026451	0.964261360272156	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006759	0.984078160946389	0.992877626937914	0.999772332920673	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006762	0.696126924404567	0.846989341117034	0.917288608265346	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006786	0.993319573652745	0.999123827112534	0.999523772225397	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000006824	0.999699285718018	0.999685628154816	0.998659315027806	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006828	0.998472273352664	0.992619634720891	0.996382497007804	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006831	0.990298622007531	0.998895613460073	0.998498979962007	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006833	0.997861113154688	0.999872064523894	0.999767345129728	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006835	0.996184992974764	0.998436234475985	0.999934813095275	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006836	0.983989547518729	0.993288466040948	0.999592837658086	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006837	0.999755785790639	0.999973546602922	0.999947727894972	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006838	0.949582868251967	0.987917607203215	0.989361137211464	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006843	0.99772680346541	0.999492263533814	0.999971489550954	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006852	0.998844479824347	0.999542747151563	0.999883054810321	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006860	0.436172910572584	0.538453949378081	0.860786363213526	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006862	0.750434720576367	0.969227553157473	0.98233126372899	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006864	0.335718910469565	0.448451532475428	0.969830472384858	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006869	0.953790850568198	0.995496197578637	0.996842539852074	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000006876	0.986167243988205	0.995473420382272	0.999503792246221	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006877	0.560175910755223	0.82508131144784	0.822358007731123	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006878	0.994746203359243	0.998005729748569	0.99997592681521	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006881	0.985713154351685	0.995882983397176	0.999512863957428	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006882	0.936627394076236	0.78599193199825	0.679565681821521	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006925	0.997550954678381	0.998874697771249	0.999644556818129	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000006945	0.953684348051308	0.989151484176271	0.994831000744405	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000006948	0.590512241256875	0.648723873882715	0.96183350996909	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006950	0.979932520103891	0.999160981171494	0.998748707341481	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000006951	0.999786833069749	0.999976632812559	0.99991750496272	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007130	0.999995290489205	0.999999508693861	0.999998473174982	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007152	0.999729479829334	0.99992044974717	0.999981763526209	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007177	0.986423397309512	0.996666214570241	0.970840536161374	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007429	0.874580583790813	0.970962430492999	0.990103775692128	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007430	0.999848202998898	0.999998824593854	0.999901292404135	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007433	0.878455484868526	0.948739725337278	0.994484398060024	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007434	0.99904004126136	0.999916000908096	0.999526653824929	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007447	0.994278941270243	0.997516406776027	0.999555090410434	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007453	0.999601051975639	0.999696120852479	0.999620655202219	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007467	0.89965360779636	0.997289537216418	0.957714321200062	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007485	0.955660168865638	0.933779169837041	0.963457802438384	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007488	0.999656928994436	0.999992600686632	0.999795623107227	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007490	0.768555773787471	0.954875351064839	0.995926924461615	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007510	0.951806159635478	0.991581166395371	0.996785954785959	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007512	0.996218670874882	0.998279674938771	0.999578988990315	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007513	0.979794016227052	0.986358619546524	0.99858735755879	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007550	0.990139319180379	0.930948659497677	0.925394941993949	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007553	0.968711618978993	0.998191758485226	0.982513234007564	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007559	0.999824655800201	0.999829251968729	0.999761154294232	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007562	0.999447196223553	0.999814723390039	0.9999359870438	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007581	0.945540118501642	0.990656320432355	0.92055413392015	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007721	0.999566921348884	0.999811404768457	0.999969775911339	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007723	0.999565536832929	0.999587274333158	0.999454541091848	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000007728	0.99981206331648	0.999978588369138	0.999941003041639	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007734	0.998479535306858	0.997652020753687	0.998828738231549	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007737	0.923508884088772	0.995026281121617	0.99608954074774	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007739	0.999445971585011	0.999915374667716	0.999864286773229	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007743	0.999855883223755	0.999993441051272	0.999888938379719	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007746	0.944943646675545	0.993232140900075	0.993370008078594	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007754	0.895779045503329	0.973100831618785	0.991969387083976	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007778	0.425083224166792	0.372893553003105	0.981967739042142	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007829	0.996699820536126	0.999411656827448	0.995208333553398	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007830	0.767427493932595	0.96813985984897	0.889485573796761	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007900	0.989610068743966	0.998249250340874	0.999708728360389	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000007921	0.83243886163528	0.895667169468688	0.981102551001817	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000007922	0.732785843352848	0.888888769213051	0.962443959732131	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008021	0.553731517562868	0.620154798247056	0.990877483196174	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008022	0.679239536609487	0.80706471045515	0.961572002631364	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008024	0.999187273030979	0.9840498078888	0.974581111457093	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008025	0.998126683076808	0.999945507094249	0.999040521030143	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008026	0.913039554344268	0.458299515232263	0.407508634710939	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008033	0.999738431908614	0.999992386257964	0.999934767113711	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000008036	0.977526771570658	0.861971511519423	0.876728381983381	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008053	0.99978528463349	0.99982965000633	0.999867224438004	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008054	0.988146966871653	0.99701121825419	0.999909366489213	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008064	0.99988448958435	0.999960961868077	0.999976560283086	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008072	0.999884295242975	0.999994971984844	0.999964155946576	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008079	0.983787437339064	0.998517162994271	0.998463752167533	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008082	0.967833031646308	0.98904630462384	0.997891769954164	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008099	0.0833303061767077	0.41233036372953	0.761375335870505	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008102	0.929168700555964	0.972844946810946	0.971296151124092	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008103	0.986817799741605	0.998640930711165	0.996616285432873	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008105	0.99393856670627	0.99970003697191	0.99932406453974	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000008111	0.93958126611712	0.905260326232965	0.813450078610281	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008112	0.999011177202222	0.999837011101404	0.999796147882686	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008114	0.924774220987645	0.978082037406509	0.995730638516045	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008181	0.999876383468274	0.999688763444569	0.999422779430132	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008302	0.9997315480807	0.999932438738798	0.999998667728041	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008303	0.99975559761265	0.999966112976325	0.999982647807194	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008306	0.997242525066284	0.998386831431839	0.99924603104562	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008309	0.999782659840706	0.993308522590718	0.987532901316669	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008310	0.995012536505167	0.998796246404633	0.99994408542063	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008313	0.840682594031759	0.999128950608664	0.957205827911973	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008314	0.945553680977718	0.990755810439749	0.995186637642607	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008320	0.673247588365969	0.880757132677406	0.907540484260007	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008321	0.999718494416041	0.999827621610084	0.999806529528952	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008325	0.758641093585407	0.364209555582549	0.649708650199986	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008329	0.953415563756958	0.878582710004692	0.928140212133737	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008330	0.99978672117639	0.999992581706182	0.999817536633514	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008332	0.878379306821584	0.969634918523617	0.826685852958444	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008333	0.711797965507868	0.968731356286474	0.868474546550833	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008338	0.97740727963305	0.998311483069746	0.987556891577582	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG0000008341	0.923363963467714	0.998696182213792	0.983891389378012	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008347	0.972676972714095	0.989019263252264	0.996758014021761	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008348	0.933514392415528	0.980466422676427	0.997794021819079	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008349	0.997656766684066	0.999615413733374	0.999426027169877	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008350	0.856373351446706	0.998062055901974	0.956807309040176	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008352	0.601989870010393	0.932654715657869	0.797053981906113	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008353	0.886056011372427	0.931320835445184	0.769482003000152	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008355	0.999989808254962	0.999994576271747	0.999991006737075	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008361	0.999644034676474	0.999712187231648	0.99963335636538	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008362	0.999970202694898	0.999994768965042	0.999997633191104	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008363	0.974049457181374	0.696065887861296	0.722354960736117	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008365	0.825018609444078	0.845967315502065	0.997576335380756	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008366	0.180544169627163	0.879928107390241	0.377585237527497	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008369	0.999997144261184	0.999997111505118	0.999986564947846	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008370	0.999831976027915	0.999998212570006	0.999886317463289	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008371	0.990044747099518	0.99481762830828	0.99916140853165	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008372	0.996940003850445	0.998999704724373	0.9999918651096	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008373	0.957815989836373	0.996610621860267	0.994452315114145	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008376	0.923001188258341	0.990827706081556	0.959780048182397	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008378	0.999854864334113	0.999830719425749	0.999845375336044	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008380	0.225882623992778	0.496265468991216	0.664651877094345	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008382	0.954770306363998	0.993596459537057	0.939179657129579	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008385	0.999932162940279	0.999972977867485	0.999873834314528	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008386	0.997848746656664	0.99981276981043	0.999379501271968	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008388	0.999270308073766	0.999955264935022	0.999892048453473	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008389	0.974120874615073	0.985178922465912	0.998133816280689	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008390	0.999995413290716	0.999996194912494	0.999982651236085	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008394	0.647577059236275	0.916573085054616	0.496926891784954	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008395	0.999309415785232	0.999959400472607	0.999737796822927	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008396	0.992880667357796	0.997659850714686	0.999912922235898	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008397	0.95903100003803	0.999080065126008	0.971365598018902	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008399	0.987400476607852	0.998879880569573	0.995152565107106	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008401	0.300349091170374	0.569208225722834	0.609726512691252	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008403	0.999718095856568	0.999912777676517	0.999984165478594	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008406	0.997747838815264	0.997570423013197	0.991071704092578	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008409	0.998725939304061	0.977957711331589	0.968510773572186	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000008411	0.999015808499549	0.99980692672691	0.999951376701399	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008412	0.997593453291963	0.999849083899494	0.997713033534066	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008414	0.999997252279249	0.99999199144505	0.999966956178559	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008416	0.996158903444434	0.999767609011856	0.997977734648913	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008417	0.999999843549948	0.999988192351807	0.999964001214848	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008419	0.999914229720416	0.99996953167643	0.999987008600934	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008421	0.996189042453512	0.99908954803669	0.999907186098127	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008423	0.933404692672005	0.965286883771458	0.998643044206353	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008424	0.996772237029247	0.998585801646229	0.999788847589853	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008428	0.85705438884583	0.829535265550083	0.636331923317736	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008429	0.969936252278388	0.990801601646057	0.945417167586439	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008431	0.994714890668835	0.994903862825344	0.996101598460122	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008433	0.999870990257787	0.999989780322495	0.999954140258907	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008435	0.994776056841066	0.997316395273714	0.999002340015443	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008436	0.973705261278015	0.991883079365392	0.964314290776387	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008437	0.972536828709145	0.91317046888065	0.847130719925702	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008438	0.992254419184727	0.998154454244282	0.999397564235542	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008439	0.997281878935289	0.999636185209831	0.999452918255547	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008441	0.840790614461682	0.997239983786863	0.834819503233569	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008442	0.999365364144925	0.999876995276866	0.999953743655961	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008443	0.999823214303424	0.999941352297805	0.999994477269033	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008446	0.992748049657276	0.999165368277437	0.999200112254956	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008448	0.986960267840743	0.99931456984763	0.994993157901614	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008461	0.999968161234697	0.999996967727279	0.999994512303559	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008462	0.999550659636656	0.99998715842561	0.99965994714584	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008464	0.502715733502968	0.656353671236791	0.976848128219547	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008465	0.900279977757342	0.953474779883724	0.988538681488901	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008466	0.997026730417171	0.994828610516868	0.995575239247012	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008471	0.826882719227996	0.933843867798964	0.904444030684189	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008483	0.999987656180689	0.998352288254979	0.996429626941468	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008484	0.999885105503982	0.999672212525011	0.999381920978696	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008487	0.983732625438726	0.969899427505098	0.975545280235241	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008492	0.999863985720027	0.999881005484923	0.999546435480837	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008493	0.769952119178427	0.644916498062977	0.438639622314511	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008497	0.902190656273329	0.991447640985171	0.882079495081571	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008498	0.990987845894361	0.997505432476655	0.999698649927074	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008499	0.969592534107814	0.821878015854686	0.859993835427418	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008501	0.735929810662162	0.601622575450124	0.942260128736209	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008507	0.977290825597602	0.995663679607304	0.973497675433972	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008509	0.974512903091402	0.992876549430055	0.961739495320869	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008510	0.999943256555064	0.999996311164064	0.99995049751579	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008513	0.846047528693594	0.859873835736303	0.997305551357584	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008537	0.997625532127243	0.996365628101474	0.995820606607586	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008539	0.587606975075071	0.873947878134817	0.908572244705995	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008543	0.987156446370699	0.99742373316433	0.999671891004594	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008551	0.993953871432023	0.999278459839047	0.993489339334635	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008567	0.978822362887166	0.996226452156733	0.988058158555628	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008570	0.999417043004427	0.999927911863282	0.999976909108652	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008585	0.874729089367997	0.978156928774532	0.981486777150157	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008590	0.991817126472585	0.995482716353748	0.999291425656995	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008591	0.99991169672479	0.999972869644589	0.999985235624446	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008592	0.720338360671215	0.951725911685423	0.815662803873269	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008593	0.97537167839982	0.979805050641686	0.994722457006221	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008595	0.999928518571173	0.999719150884321	0.999427071605486	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008596	0.974386723505391	0.99610927803252	0.998781472845371	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008597	0.96412822802864	0.94685810400694	0.973393609637915	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008600	0.976420741755558	0.979142291583682	0.997901622232185	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008603	0.894444712213099	0.932222734024662	0.975198916714353	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008605	0.977562043617848	0.972163372531992	0.983853574270188	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008606	0.999991267544443	0.999999939182196	0.999993926577955	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008607	0.993312541218185	0.995317958075564	0.998805596358606	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008609	0.997783709666889	0.999600289297157	0.999953739271568	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008611	0.85084495808696	0.95199042201639	0.98336327534743	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008612	0.547851279019658	0.886441062644423	0.990730944830342	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008613	0.997178563628963	0.998458313573548	0.999610319518841	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008614	0.942409123730552	0.967546389933564	0.907804607652979	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008617	0.999959568461257	0.99998781045992	0.999993750211448	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008619	0.994595310654588	0.994879178299226	0.998153691275856	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008621	0.999928997354492	0.999955012143827	0.999948650735472	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008625	0.965374071213984	0.993169711065768	0.989325182349497	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008626	0.794722653105263	0.948249515796988	0.881559564954062	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG0000008629	0.998663794357767	0.999288155982899	0.995824391599502	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008631	0.946627473428985	0.936827753617076	0.975059198725706	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008632	0.986955992505231	0.99656662675371	0.998815271745791	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008633	0.99907933879763	0.999961674074709	0.999543290605013	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008634	0.999608973070545	0.999971226262049	0.999947308267476	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008635	0.993504798880604	0.997056401043657	0.999964974645665	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008636	0.567764017295045	0.93162174376485	0.947403696188443	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008638	0.950491072133416	0.988419476362984	0.989751990017571	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008642	0.975946258206586	0.996842649648417	0.999822148518843	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008645	0.986072712286927	0.961251745474555	0.960127041548867	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008646	0.977674574553305	0.997295146688719	0.998313500835147	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008648	0.994993662568594	0.999613643326605	0.9993411151532623	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008649	0.99778573281033	0.999180806751514	0.999904478862038	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008650	0.421732758149191	0.831489978497059	0.682332472212882	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008652	0.978193767377634	0.984092587003603	0.996411334828697	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008654	0.966672872833541	0.999335789431659	0.985105711234583	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008656	0.663279614265806	0.951747007741935	0.901647989785451	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008661	0.544602045487626	0.495394875120461	0.981673849470015	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008664	0.99279845722087	0.99967504078808	0.999709978592066	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008665	0.959274751674937	0.989746676164023	0.99847057495535	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008674	0.993772929030535	0.999488799538832	0.998190870711396	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008682	0.986085944867061	0.998460101855947	0.997339936362625	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008683	0.83320514248701	0.95526093836477	0.992727079418158	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008685	0.99984214549234	0.999961851413153	0.999999619478199	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008688	0.99968958375317	0.999984004217288	0.999609240685542	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008690	0.942863640867893	0.99110752255266	0.908285309616399	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008692	0.810348723207661	0.953826908418756	0.981254568895987	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008695	0.999964736488582	0.999992172112807	0.999999112694292	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008696	0.999981463190049	0.99999894510214	0.999993771068749	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008699	0.994642950861879	0.999678347863489	0.999062574385547	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008703	0.991093744792973	0.994318288742875	0.998546868082194	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008704	0.861616488090016	0.949329622290459	0.941775936969026	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008705	0.87839375339012	0.887001098309355	0.989173464809581	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008709	0.865110092354964	0.94964051841637	0.978644630449611	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008711	0.997668803730964	0.998598208954719	0.995316882232468	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008713	0.956533709483001	0.994331846536621	0.984879711840401	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000008714	0.921176167255106	0.926651757012435	0.986680872650229	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000008716	0.999919097626713	0.999978769085591	0.99992792036752	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008717	0.98605888811341	0.992917858749098	0.999865530320615	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008718	0.906337677560322	0.92730838278632	0.99709534060775	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008719	0.485951850409189	0.728834812279772	0.981706073614766	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008721	0.970081902050928	0.986494909991256	0.998807773598819	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008723	0.139692297915106	0.652058642762058	0.391505220610133	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008726	0.892030615234854	0.985210271664992	0.952308555188314	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008728	0.985136362516366	0.996257496114098	0.999105066159646	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008729	0.999985291250965	0.999997262716279	0.999981089083894	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008730	0.999821389635507	0.980382751272977	0.969286551777027	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008731	0.991209324071098	0.998397689526722	0.998584956474402	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008732	0.973120865055544	0.982520453325167	0.996461007627388	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008733	0.988663868030787	0.998048326905806	0.999271406822529	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008734	0.987865759499738	0.978126311812836	0.9837450207148	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008735	0.961489390576856	0.991167663566824	0.915648515367785	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008736	0.999429033967798	0.999965839867206	0.999883176496674	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008737	0.999962335381484	0.999993246963735	0.99999521647193	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008739	0.953449717639318	0.970137539213734	0.895610332257199	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008743	0.747172697130296	0.995902528514144	0.970202010173705	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008744	0.980487905297868	0.997222125724425	0.997985084090792	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008747	0.982244132954959	0.997472718671442	0.997997606061854	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008753	0.999996970116722	0.999999661608415	0.999999286597206	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008755	0.99982353509384	0.999995939654204	0.999830403934391	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008756	0.949853805252476	0.934004080925935	0.970625564520211	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008758	0.980189891814005	0.943654382724132	0.894727005089399	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008759	0.999567470693093	0.999977991707643	0.999850244818292	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008761	0.997109616111211	0.99977968314998	0.999370874264506	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008762	0.983958510922898	0.990771733990279	0.99896363445142	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008763	0.995698980806137	0.961922392963669	0.892516557643335	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008764	0.99990818971689	0.999910794006067	0.999622488024233	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008765	0.982697786989141	0.993735140421246	0.999317602794532	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008766	0.988130817214819	0.998384414897082	0.998221877162303	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008771	0.964658080636911	0.952475256681732	0.98279898201998	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008772	0.880940251045866	0.983858167804712	0.986039134799497	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008774	0.928265172095146	0.955642189850268	0.86395640989511	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000008787	0.948849233103152	0.992119225958646	0.997549278859858	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG0000008792	0.435755384625386	0.720796097213029	0.957080232642787	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008793	0.293187872316501	0.946918033350724	0.225062615093481	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008794	0.999907632939987	0.999993250172931	0.999986388965163	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008798	0.966966238615214	0.85744182228631	0.804588755081357	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008800	0.939561384850273	0.988119835455119	0.976967433526824	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008801	0.900114279582812	0.949009828658003	0.995409711342264	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008802	0.997088818201418	0.99964716174352	0.999686984632478	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008804	0.998349979580404	0.999918799019502	0.998260986170455	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008805	0.995585311003835	0.999744604930775	0.999487127890891	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008807	0.858992700244375	0.972618952352213	0.93884806743275	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008808	0.999929582398083	0.99998402014817	0.99990536327886	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG0000008810	0.999810666166054	0.999988657381326	0.999954428014108	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008812	0.986705270174449	0.970164216147507	0.999656653777836	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008814	0.984150923059263	0.998403097120926	0.997792344029635	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008815	0.950386702286747	0.99645563153412	0.986862971696031	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008816	0.999462721002938	0.999982853390279	0.999777770413872	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008817	0.748527595657279	0.960503884354517	0.980199004131075	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008821	0.999790599074466	0.999969503111763	0.999981027680711	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008825	0.998399227242355	0.998986396894596	0.999623697541055	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008826	0.99319147733839	0.971376938091901	0.968384226200116	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008827	0.874821136245098	0.996308123378	0.869945569351326	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008832	0.789435083506061	0.915209024094271	0.973098085954546	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008833	0.932579464124725	0.913784428927923	0.965195334968873	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008835	0.99849972041139	0.999944800483962	0.999385582334226	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008836	0.992756922155256	0.997508216976834	0.999401721329201	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008837	0.995735208918344	0.999815416125925	0.999749325422674	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008839	0.949168046659939	0.984073421588619	0.989482844653049	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008840	0.999946178933532	0.999855552120546	0.999548355607624	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008841	0.998799723448536	0.99994493527186	0.99887095257069	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008842	0.989253992145816	0.999048008963657	0.999220157608993	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008844	0.995749880838528	0.998926614995589	0.999744689216247	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008845	0.999699565516522	0.999936022281967	0.999977242018447	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008849	0.9326600365036	0.902723414606735	0.992594547435595	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008851	0.298010603524763	0.644108863149727	0.741586920026456	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008852	0.995780527878918	0.991748730681969	0.9941478329168	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG0000008853	0.999943999614866	0.999994454562992	0.999991266704634	0.99999968147277	0.99999999705128	0.99999997296689

ENSBTAG00000008854	0.970836247150968	0.999833774664177	0.981785863812783	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008860	0.999652004441405	0.999944117787999	0.999150943282682	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008862	0.936337373696443	0.995139742478255	0.993381533376551	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008863	0.999984569777101	0.999997108919145	0.999999994724066	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008866	0.980995041690317	0.997543070733639	0.995031114181041	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008868	0.994633624444302	0.999777509180851	0.998269352382092	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008873	0.999961493569814	0.999989120549067	0.999994981211157	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008880	0.998959077068483	0.999532249865143	0.999771095454102	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000008881	0.999809587756816	0.999968163787756	0.999773391665413	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000008962	0.963048657823932	0.981589400177531	0.999975122955984	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009176	0.999575782154827	0.999928113875892	0.999949905825095	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000009177	0.992732390961251	0.998113546264006	0.999630765563357	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009178	0.999510612648324	0.999727804898376	0.999086579770213	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009181	0.997266797379229	0.999917082622262	0.999794727015222	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009182	0.991106604791932	0.999612448660794	0.999574210777753	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009183	0.996863710502917	0.99884827521984	0.999919693762789	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009187	0.967298635308706	0.967815598488456	0.991820708079555	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009188	0.999995033929002	0.999989997392659	0.999971878655209	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009190	0.991528628753834	0.992352840276167	0.999018097190869	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009191	0.984154756899313	0.999413941781426	0.990771844283395	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009194	0.990223186251461	0.999657477849105	0.997749819058877	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009199	0.860813413819716	0.973948521920737	0.997248787166717	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009200	0.820867457658472	0.877322480870445	0.997755457858142	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009210	0.994926615456161	0.999969336510068	0.996048566394606	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009213	0.994749892824375	0.99097367485981	0.990514524750808	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009214	0.638965666184485	0.997364081853789	0.754805338127937	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009215	0.750092361253111	0.918448621783271	0.918165249056439	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009216	0.845741159501406	0.861392972666588	0.991041824897843	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009228	0.999884672398658	0.999965704446181	0.999982887982695	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009231	0.995745984237989	0.989436990671536	0.99093045439202	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009232	0.997505910911536	0.999684578158207	0.99957313868832	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG0000009260	0.998161639020977	0.980490294177352	0.966715026626609	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009263	0.999550661527598	0.999836073296363	0.99994110622393	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG0000009269	0.998275312445959	0.913390506154779	0.901040434271305	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG0000009288	0.998790595861088	0.999491172574416	0.999853936732467	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG0000009304	0.989419950294773	0.997399157841126	0.999589789174755	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG0000009315	0.33334024289033	0.688896541822351	0.868787863907161	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG0000009384	0.999881280404436	0.999980567672439	0.999970177592947	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009476	0.922821448328023	0.962632966786635	0.981258840888284	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009477	0.993547171213684	0.996101264881194	0.998274209386513	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009479	0.946116349959028	0.980119604635519	0.99532944268245	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009482	0.825919226714552	0.840209182481437	0.988890064459932	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009483	0.996349212111133	0.998939830592596	0.999922680334984	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009484	0.989383376418361	0.991471396919157	0.997788666160684	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009486	0.990816496814873	0.9986797817804	0.998792105634966	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000009488	0.999794159491991	0.999988022612653	0.999758517990993	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009489	0.712474210303544	0.909253290824068	0.798520188447001	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009493	0.999479116678401	0.999551861832795	0.998481344253628	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009496	0.999167271250838	0.999917900518916	0.998936994245858	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009498	0.975110478709911	0.984101676128366	0.998931515844889	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009500	0.999999358614658	0.999999727561057	0.999998684449296	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009502	0.973099440881927	0.997557766189146	0.993268096424548	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009506	0.988969713952035	0.999937967670682	0.997883230679601	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009560	0.913472213890621	0.976878373721898	0.994991707143283	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009573	0.998565299119741	0.98115327397308	0.971669327287119	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009574	0.992318017151555	0.999937796955085	0.998795589367988	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG0000009749	0.817881085624347	0.99350141862306	0.86395123980687	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009755	0.999929081260244	0.999979088271017	0.999992625869477	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009757	0.999647151538563	0.999913909033224	0.999996788086244	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009760	0.994700384330614	0.999653753525408	0.993370728521422	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009761	0.9995571054452	0.999970954004179	0.999964311367656	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009762	0.187680334842156	0.42425854197362	0.828086333726028	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009765	0.999885582706458	0.999987051480761	0.999990369279856	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009768	0.851312088078543	0.996624429023545	0.892247383163143	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009770	0.980267517633656	0.994162305387977	0.995611088393093	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009772	0.951809819551044	0.992384637527889	0.907728270163337	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009773	0.98049909426997	0.993693379973855	0.998301447439306	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009775	0.842387226589787	0.933264608553937	0.955953998927976	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009777	0.93277553154057	0.99889237889149	0.952246437561066	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG0000009778	0.998667853681397	0.999736932973257	0.998245761356172	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG0000009784	0.988673522714067	0.967984642210643	0.936202579646114	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009785	0.999806910697444	0.999959586674664	0.99999446093124	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009786	0.91839999318824	0.992431869159595	0.935976882610922	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009789	0.851128974207004	0.876224838940787	0.998088583753953	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009795	0.992452812853435	0.992767198791723	0.999430664455891	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009796	0.999947778004379	0.999981149441159	0.99990818735488	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG0000009804	0.999986271784755	0.999999017656757	0.999987648962746	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG0000009819	0.981284572367568	0.874431172175125	0.881403472805399	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG0000009838	0.999319911299701	0.996606864343966	0.994750499443377	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG0000009841	0.990025170980925	0.998657238468073	0.998967376204527	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009844	0.995372212224605	0.970445817747972	0.943595369739089	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009845	0.999795927543603	0.999955114717824	0.999981760923276	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009846	0.998816422371292	0.997930880074576	0.997508566542202	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009850	0.845484662886528	0.978294788197879	0.882536612074392	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009851	0.862983275360832	0.976940565365931	0.911532583537678	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009852	0.868318908086325	0.987417726389233	0.94994923159514	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009854	0.999849751983837	0.999823049321027	0.99972034286854	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009855	0.99998988859495	0.999976895223613	0.999939253765394	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009856	0.975613599107693	0.994577314350949	0.996415874943375	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009861	0.979693087896845	0.993733854023219	0.99843510601075	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009863	0.971906057509116	0.779244015282869	0.805759091184782	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG0000009871	0.999994100019209	0.999993220621238	0.999984430679548	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009881	0.883376547230211	0.983362226901104	0.996841218867973	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009885	0.989143542144057	0.991000262434501	0.964007142747103	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009887	0.999990018071038	0.999988144041615	0.999966804794252	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009911	0.328717543228998	0.923214177537722	0.498609940830189	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009956	0.972132043985651	0.964111341577027	0.9782028924879	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009959	0.895747921384106	0.991458721894709	0.988467832087423	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000009963	0.999996698523925	0.999998105994968	0.999991405258357	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000009965	0.995763512170368	0.999455366567463	0.998822464172605	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010036	0.99829375741077	0.999155160744515	0.999633724248865	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010047	0.965136166578353	0.965422070866785	0.986458372597462	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010071	0.998308569721245	0.999540768036	0.999994820547847	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010073	0.99967276668741	0.999951208463156	0.999966198300423	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010083	0.995040392598065	0.999722365814343	0.996893679284878	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010085	0.998831253208962	0.985110757598319	0.97363292751447	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010091	0.984408753501257	0.999313070110644	0.99013455041935	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010096	0.966671987130677	0.984202994817678	0.92034503453315	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010100	0.978166201845769	0.995850541804912	0.970434484403634	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010101	0.998746804996539	0.999783765635468	0.999738751474543	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010105	0.965263722194591	0.960861054138404	0.996347149843496	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010106	0.996819489254703	0.999933719636272	0.996757575079825	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010113	0.992604989533449	0.99975561984656	0.998189405656098	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010136	0.999953016308819	0.999974855395209	0.999962542451467	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010144	0.996313178550493	0.997779329224468	0.999474658012117	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010156	0.979092085006309	0.997337597988926	0.999290333235019	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010185	0.99965937095442	0.999763978831804	0.999735139361294	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010303	0.91193911803267	0.892376986392808	0.99008911336002	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010383	0.998963979003473	0.999975444791396	0.999910472758177	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010386	0.999932709659839	0.999989429605639	0.999996039385458	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010387	0.997346099775643	0.999650157282407	0.99900256454517	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010388	0.999810046717409	0.998631479577317	0.997441187055383	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010389	0.860490381650509	0.979473560670296	0.988124200181947	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010390	0.999187811737958	0.99992303594857	0.999874555978655	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010392	0.755647591064974	0.714168391543361	0.960571350690641	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010393	0.993497259366173	0.997604122320805	0.999985824134653	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010394	0.990730585344323	0.84571628321931	0.813085418109146	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010395	0.99829054543854	0.999004816126221	0.999851236896491	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010397	0.97754990137459	0.998802389161163	0.991611383446738	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010399	0.89840917859102	0.994661602455185	0.974139387411997	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010408	0.781743103106066	0.876573251762808	0.980087341357856	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010411	0.0087348027444163	0.111571997019157	0.205804663027037	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010416	0.999958685962541	0.999343677538201	0.998596807523504	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010422	0.999759750225974	0.999953429169753	0.999981296961012	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010423	0.952988928623514	0.972539112969025	0.999346654277498	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010444	0.944812536381347	0.944613233526313	0.98317857129273	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010447	0.995673323658296	0.99972212649861	0.998783037848437	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010451	0.99999205351374	0.999997389951782	0.999984866071462	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010455	0.998460101957276	0.999969043596022	0.999342697599331	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010456	0.999107282839357	0.999991353153925	0.999560852376287	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010460	0.984758437467563	0.999405707358914	0.995577081761472	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010464	0.966129693590367	0.999346772743852	0.977926929472024	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010465	0.996997062709932	0.998824081738979	0.994928387631821	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010467	0.999972592472458	0.99998727927284	0.999990813871909	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010470	0.985497360490521	0.998640555111136	0.999362464116609	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010472	0.433614596944331	0.709327407582162	0.893834769646516	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010477	0.920989880083109	0.962476947600944	0.979355002501381	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010478	0.986013375646226	0.993444450072123	0.999851745573535	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010480	0.999103665310532	0.999785233626977	0.999940577021896	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010481	0.915959602603734	0.986703790040605	0.998239957890079	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010482	0.997197234157459	0.99834999349336	0.999785598050034	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010485	0.999951515430449	0.999966346817724	0.999935510373311	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010487	0.95495356267439	0.976977352070036	0.999491133694143	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010490	0.994229594519383	0.996672181033929	0.998653042773453	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010492	0.999811623189055	0.999942092658634	0.999986631268483	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010493	0.963210746923892	0.998218439160913	0.976281724591629	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010497	0.99944972901616	0.999773824172537	0.998895575930779	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010498	0.861096904028757	0.994816674864409	0.981004907301225	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010502	0.985709795504139	0.999479986662986	0.985120147613563	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010503	0.934914634474732	0.746853093872868	0.855628015096238	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010506	0.999053885588045	0.999958316195094	0.99956751343672	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000010511	0.999796053013565	0.999987793611407	0.999960695543868	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010559	0.963947874538804	0.969956064597302	0.997047574894151	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010653	0.996826523298188	0.997086452052715	0.997701921305915	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010657	0.603314411314316	0.932379143964053	0.427291635056596	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010658	0.980315093015399	0.998470439887695	0.998457921453736	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010659	0.999781015190813	0.999930204526983	0.999987269672112	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010660	0.909464435816989	0.985042295610967	0.993332935609218	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010661	0.205562189561345	0.689349691640067	0.843578993018004	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010662	0.999262785358504	0.99982259034156	0.999919771824029	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010663	0.999545887143031	0.999944496815745	0.999475105464871	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010664	0.999885146016242	0.999978018927059	0.999980081450064	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010665	0.838191533558017	0.947983214228395	0.950700385678365	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010666	0.999822794410735	0.99995914609378	0.999995408723254	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010667	0.795535007937989	0.984179958386703	0.973730640644222	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010668	0.970419935353971	0.996921256928471	0.995321876062576	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010670	0.922847979796124	0.998850969298684	0.975932399229593	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010671	0.492734540462702	0.869120021196107	0.808162945305124	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010672	0.999397475704643	0.999940358520329	0.99980292897603	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010673	0.792497021316742	0.966425504988667	0.857945544965361	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010677	0.867926213393207	0.861897107729376	0.989711001703196	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010681	0.998314164153636	0.999927445792501	0.999741654454204	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010682	0.947870860840567	0.997583156850861	0.974351702840596	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010701	0.999949669673109	0.999972804630932	0.999955457098562	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010709	0.9554137632263	0.9661345353019	0.994430229450176	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010715	0.954724571812212	0.989052358686149	0.998017863794628	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010716	0.950268569093538	0.975107619443958	0.993133798317484	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010717	0.999906583382531	0.999913946716425	0.999605517827459	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010729	0.999203222779299	0.999974302184378	0.999818942155587	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010734	0.997743268900789	0.999801604650851	0.99971912696366	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010758	0.99219591117008	0.934296661057698	0.88555056874288	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010760	0.999799613915763	0.999414556682389	0.998807143769838	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010772	0.973575888044409	0.993424033152834	0.999685943778894	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010774	0.979792134566053	0.883666508814952	0.917112602872462	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010775	0.999865627628286	0.999036960826348	0.997447387733272	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010777	0.994185328639357	0.990357568311823	0.993460241893273	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010784	0.997352743442333	0.999644776754458	0.999746652894729	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010790	0.999030878730311	0.999918262792405	0.999846685849377	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010832	0.996002700863918	0.998943735059423	0.999839344545969	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010835	0.990103486710186	0.998971411642055	0.985867233565449	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010843	0.916097748095198	0.994783767242633	0.972589773990813	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010846	0.995670650177485	0.996604666415105	0.998410092328431	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010849	0.992594769341851	0.988851151979832	0.991307499329639	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010850	0.405761841327116	0.836279090469383	0.759238553259296	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010852	0.890202511046784	0.851496262552207	0.954237056256086	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010859	0.980892190928594	0.999538034007155	0.993007081949751	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010957	0.764195343622038	0.998672530904415	0.850855301733563	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010959	0.97840089588607	0.998556292335609	0.998892538475884	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000010961	0.981785160875129	0.986489225107173	0.995395218170442	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010963	0.533329952866261	0.922691330841933	0.955446204931124	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010964	0.749498873577223	0.929839468643129	0.917097304383707	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010967	0.950673444988492	0.99522500303628	0.996180931172099	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010968	0.998965418264767	0.998489368763963	0.999541612312589	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010971	0.997710411542478	0.999825039921831	0.999369571004348	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010976	0.998081143646902	0.999546227615048	0.999923823056428	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010977	0.42456104364302	0.747144826875822	0.949875562789997	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010978	0.839554244497009	0.903879118055904	0.98509131846384	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010980	0.992094079683497	0.996532756110571	0.99959732280073	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010981	0.532045812736341	0.619665606524065	0.94927350582198	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010982	0.985698016152559	0.997645635502727	0.999414488960462	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010984	0.995171009878113	0.999304131841539	0.999820519654476	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010986	0.775349363895131	0.848704000262345	0.992728494190959	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010987	0.985625223257857	0.984465104508948	0.994935354810827	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010988	0.999979354589373	0.999993966790575	0.999996271124764	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010989	0.996936150523905	0.999182943638967	0.994223919997641	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010991	0.0514353219360976	0.497086719537921	0.139107346303533	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010992	0.91645241939188	0.987820275999248	0.997001670729427	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010993	0.999971953863966	0.999777914068685	0.999298805907872	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000010998	0.964768657241752	0.941290555129016	0.98716865099408	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000010999	0.949433920729568	0.979433998622555	0.988612321440605	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011000	0.965073781944263	0.992076565165896	0.954109922288783	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011002	0.249727118792522	0.612722233157704	0.835719901632411	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011014	0.767162590068425	0.87681655065635	0.990877961823129	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011019	0.950149609761903	0.754759775717974	0.798702001341484	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011032	0.99931267096741	0.999838232556972	0.99997679352198	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011034	0.932571952439935	0.99204560805559	0.965329762036253	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011037	0.999991558066961	0.998516891613264	0.997191577297039	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011041	0.999862633224079	0.99996970677962	0.999997932332796	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011042	0.997466335515129	0.999862158127296	0.997324527847677	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011044	0.99870649723813	0.995988998013605	0.994489502102344	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011046	0.999769147152595	0.9993201514383	0.999620536206137	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011048	0.906585855764425	0.918997180909752	0.688191988668572	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011052	0.73434407533562	0.935323586745523	0.973322276369146	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011056	0.80501534802046	0.953770894999268	0.96037885459726	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011059	0.90516903703638	0.987353541036253	0.997708100344731	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011063	0.867539384098977	0.836075337995932	0.995680753276104	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011067	0.998765182259457	0.995590074227276	0.999590137561963	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011212	0.994790027051913	0.999367557661975	0.999787637572355	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011236	0.997371630735035	0.992699352491237	0.993017791554501	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011237	0.929591559569296	0.882984902324627	0.800343881912732	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011238	0.910625725543162	0.926996171378904	0.998340279582911	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011239	0.999922609472093	0.999993130819229	0.999978262189146	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011241	0.114295487522712	0.828066863278572	0.696795857557168	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011242	0.97891273030056	0.998494001223125	0.995152088790195	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011243	0.998935158883127	0.999879809632546	0.999701681472206	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011245	0.424408094268815	0.563135670261718	0.966519197119568	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011246	0.774580452458062	0.69811050978185	0.956205173732515	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000011279	0.788600782612062	0.69150956359053	0.936980018228489	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011324	0.999850661503933	0.999917711162364	0.999895832102966	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011529	0.999327516347531	0.999921531671695	0.999888029121062	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011530	0.869329130467998	0.992545313354401	0.987800429117786	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011531	0.99887860330369	0.999887261264758	0.999918968644969	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011532	0.999973988996532	0.999995673077809	0.999998998497763	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011534	0.936416892046852	0.990662760749886	0.913409828130014	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011538	0.719954816306569	0.895404625330064	0.895593333901842	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011539	0.99955495728207	0.999976565744488	0.999771552858429	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011540	0.999589056424308	0.999660016409303	0.997738767105941	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011541	0.882636846925254	0.97825687729325	0.965659666409837	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011543	0.87864871408259	0.87179949207913	0.97447375487938	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011544	0.999907120658621	0.999985756120074	0.999982285769382	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011545	0.42831492877485	0.789926634265069	0.971641263656883	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011547	0.999532373604143	0.999609019169062	0.999470327886978	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011548	0.902038410693525	0.99583048950873	0.990410433720264	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011549	0.978025875479086	0.997386542952845	0.974776903887928	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011551	0.924589166949373	0.962947190031726	0.9932050471304	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011553	0.99200023470648	0.992963763213104	0.999183414673811	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000011554	0.996438580596279	0.999980597489707	0.997779932477053	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011556	0.998936409540716	0.99752363707573	0.996516948546205	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011558	0.996560517143147	0.991991618769709	0.992133813340535	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011559	0.999132039226906	0.999949622062767	0.999932047002574	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011572	0.972304586976316	0.996657858497908	0.983607032763807	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011575	0.999547354426597	0.999802240821932	0.999971717028475	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011578	0.790750842502675	0.92004347624768	0.962502312214521	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011580	0.99980566623787	0.999976694358462	0.999778502288695	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011581	0.96155781517817	0.876025670437948	0.808619952898119	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011583	0.999927763855929	0.999970781323254	0.999967655755846	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011585	0.970414570110844	0.955617303205347	0.976713651381316	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011586	0.967743263070851	0.986863135598483	0.996756202389069	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011588	0.999668449815734	0.999990100299114	0.999914975034085	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011590	0.5296912032981	0.791358931633365	0.882328567167673	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011591	0.999995469973582	0.999991749461886	0.999982748242193	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011597	0.999133849941492	0.999098410275336	0.998839038656842	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011600	0.985454159533452	0.978450503859374	0.958679871254887	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011601	0.999533865567036	0.982420829869644	0.982601756304217	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011602	0.943718572325744	0.916027884000363	0.958101925864785	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011608	0.999822367986375	0.999878025596774	0.999520931445429	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011613	0.993359660187327	0.998520807744916	0.999444857598367	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011614	0.794811097052734	0.948345159386989	0.608568380797556	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011617	0.975690084529049	0.969961707545799	0.98426564435332	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011619	0.998468163560161	0.999780041265515	0.999472181668457	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011620	0.995589423425098	0.998750599864638	0.999660586494275	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011622	0.998705980111835	0.999350640540995	0.999680413946216	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011626	0.999551735269127	0.99983215587039	0.999032597430626	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000011628	0.815615786669223	0.872921585098099	0.988470231428724	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011632	0.998271182040627	0.999773142512847	0.9997860081029	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011636	0.866253628244488	0.990039578426735	0.930475632256525	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011639	0.999520708635946	0.999936660310046	0.99993300351173	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011640	0.988557035549748	0.98897695246264	0.995792748521067	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011642	0.998369690313494	0.999822409908537	0.999436816551436	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011643	0.998971255923552	0.999979980939149	0.999111822664805	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011644	0.984226192633156	0.996081085694111	0.99617401845218	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011646	0.998967636772176	0.99994001836296	0.999597802846642	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011649	0.998377393225192	0.999719089668945	0.999872379072442	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011651	0.982076945646142	0.999859299030268	0.985314352099955	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011655	0.997690711800123	0.980418037797569	0.969489187071806	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011662	0.990945082084307	0.999511003541566	0.99635851827757	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011666	0.128834402908151	0.214946012913159	0.706080700590368	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011667	0.972862076042564	0.929390342025302	0.981962035723072	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011677	0.796106881631857	0.87174428118374	0.981753936945913	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011680	0.990499237716285	0.999726791010904	0.992683636990871	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011699	0.999855307636488	0.999988137408829	0.999957054493052	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011700	0.940525121229956	0.678603631657909	0.742326028844841	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011704	0.856992434045657	0.996217988141369	0.873249120127207	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011727	0.999850704601124	0.999939929878472	0.999965920970221	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011734	0.434430254990588	0.909035781582001	0.523685900754302	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011742	0.990194594447816	0.975419271719801	0.976007143684823	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011752	0.999560424141077	0.999319314468239	0.997220407120736	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011762	0.999513043374674	0.999925891038621	0.999850599473016	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011819	0.97687201141737	0.98513762134879	0.999043516862216	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011820	0.996349275807064	0.917315879384228	0.89062558789859	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011823	0.995640819218328	0.998625303090679	0.999976438858405	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011824	0.631244839844672	0.894599252146375	0.965954120345136	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011825	0.999340355491267	0.999842492495191	0.999997206509602	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011826	0.999936154367485	0.999951664177129	0.999809253317693	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011828	0.991054341158693	0.998331328644123	0.986781024418986	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011829	0.747603380234289	0.919063400477799	0.968869779486555	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011831	0.999192281125407	0.999985380160742	0.999288454311596	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011832	0.901394942856291	0.993221788539144	0.993226123127632	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011833	0.689314227872664	0.83979674427744	0.913459564795394	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011834	0.999901730333129	0.999991447315103	0.99998742632573	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011837	0.977998819798195	0.995304512499413	0.999259535900497	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011838	0.903481435120624	0.989554865301389	0.871244919303275	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011839	0.999927897810884	0.999959871329977	0.999979118178032	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011842	0.999577528722995	0.999676711678075	0.999787007024819	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011843	0.947181094799856	0.970702488033148	0.999980760078066	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011846	0.994322582041864	0.999368653948996	0.998815650081493	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011847	0.289388224592653	0.541245182525906	0.743540166618694	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011849	0.997313641554687	0.999653682961665	0.999921761346188	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011850	0.999829459859732	0.999908750192874	0.999933409965655	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011851	0.913242389406072	0.979914707216518	0.995781005667624	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000011855	0.999998861776816	0.999832967693911	0.999622359804631	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011857	0.826125564921775	0.852687123118856	0.996806470325163	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011859	0.998895311305357	0.999922739822727	0.999616215464742	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011865	0.999990110365238	0.999997048410665	0.999997151016423	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011875	0.937571372198154	0.981265715799034	0.996264710120902	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011876	0.999406516538499	0.999928251194276	0.999820684199955	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011882	0.985662261297944	0.95420091293583	0.858049060007814	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011887	0.625127312264358	0.959246003350257	0.671733743224325	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011889	0.993182656106169	0.998890303187645	0.999475964654188	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011895	0.999444189474984	0.999414027243893	0.998191386502344	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011924	0.931151900754877	0.890565234160552	0.978401909821474	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011927	0.997074639795324	0.963112252921529	0.954870723386407	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011929	0.613141882764656	0.932586907288764	0.833416276000901	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011932	0.574994606013617	0.79768358706184	0.909828311186692	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011934	0.519731105190354	0.646194525091056	0.927168682251113	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011936	0.37323475784136	0.620872529695374	0.933108308240417	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011940	0.518186237225264	0.822419925528719	0.720265441596338	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011969	0.998635964697078	0.994954390467034	0.991537905562498	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011970	0.957825809964108	0.995678106740344	0.995975151867923	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011971	0.591920937903174	0.910286215551922	0.901335191679205	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011973	0.997791571544172	0.99248043175524	0.98701064726653	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011975	0.99880064204963	0.999586899079965	0.999942100066838	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011981	0.844342248151933	0.974922105669413	0.955939410591145	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011982	0.995665913060791	0.911960900648798	0.897272873389778	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011984	0.996155383135331	0.995542583394504	0.998786891881002	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000011987	0.988593370194528	0.999533949441697	0.988892218206083	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011988	0.999610419566538	0.99996095857062	0.999927457720806	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011990	0.764159720207065	0.891771271062597	0.897586570224343	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000011994	0.999564661995451	0.999853615902096	0.999944275156329	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000011997	0.999705814189992	0.999993502264665	0.999856668927383	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012022	0.896572744904785	0.992244409313839	0.993505667017005	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012025	0.836877253319638	0.930916197013266	0.941432317016598	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012050	0.669798597882649	0.96865472509327	0.572668145650707	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012062	0.999386128082718	0.99894002674487	0.998091352392242	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000012069	0.997514405660105	0.995924262055768	0.995302242189634	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012070	0.998071221541017	0.999885161251325	0.999556697830334	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012072	0.882554028500004	0.924473734360586	0.99802184807514	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012073	0.999441078750723	0.994208887632147	0.991806034434057	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012074	0.94893320672631	0.992917908503619	0.967540617346455	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012077	0.986624369935728	0.999042677518498	0.997614516789916	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012078	0.847997560211936	0.979025877369196	0.914997185827491	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012079	0.975339949651344	0.999991890983522	0.97991444902811	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012082	0.871180186063561	0.897747580952778	0.986493129551757	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012083	0.717376520443133	0.57917860106308	0.920967963537955	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012086	0.999795407041287	0.999994028548073	0.999944254019561	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012087	0.759088731475549	0.87260602857076	0.981213746355701	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012088	0.319411317907832	0.647978540846821	0.945520903220338	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012090	0.999432503694765	0.999976862950053	0.999739198107725	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012094	0.995618947535808	0.999528965796999	0.999892798352818	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012095	0.99989868276534	0.999930832217581	0.999936544225178	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012096	0.983278609011376	0.987880590803889	0.998881908145667	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012099	0.98892794415025	0.995836446844939	0.999720367940064	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012102	0.999783645493652	0.99997747546719	0.999970564830578	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012112	0.989028778813747	0.990712065239179	0.998338701708101	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012120	0.974420895396068	0.985795476196896	0.932461975463327	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012121	0.974801888361878	0.838932009541821	0.96722479084852	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012124	0.998960336322781	0.99995635847329	0.999839429286929	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000012168	0.999985743964982	0.999980286388618	0.999955303740986	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012172	0.995208294221598	0.999596780105317	0.993776309483349	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012176	0.994768420576851	0.998242905341078	0.992522248395586	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012193	0.914627292624397	0.903892840226559	0.985042400952063	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012194	0.926738845054659	0.944206476348252	0.995332024199815	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012197	0.997993852272727	0.999913534761661	0.998262032390215	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012200	0.963157337175215	0.99022656194795	0.998668702277528	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012211	0.99994469142338	0.999951873438521	0.99984882983515	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000012213	0.999968079461988	0.999999392699392	0.999982469368209	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012235	0.998092272248417	0.999784710027863	0.999726658324642	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012265	0.989924298407	0.993422161107262	0.999731839623253	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012279	0.999612610022116	0.999582639466317	0.998334466295631	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012380	0.997578394975594	0.999841693320741	0.999573516032418	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012382	0.993261459153954	0.998019840509184	0.99974366811529	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012383	0.999984080279068	0.999999531541276	0.99999441786146	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012384	0.996072136560943	0.999787264866819	0.999962948894382	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012385	0.955821479859247	0.994676684950502	0.993981707790089	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012387	0.818068719298796	0.972090869821346	0.993367355523042	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012391	0.986930752907544	0.99664334684345	0.998683631808077	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012393	0.960807353156386	0.911090381877982	0.855339162838976	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012394	0.990944648872466	0.992179795507442	0.998241254030915	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012397	0.999980616486676	0.99985371007718	0.999683523616093	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012405	0.995439651354578	0.999172429017612	0.999857118724433	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012406	0.920751227491204	0.996111348960394	0.981069054137158	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012408	0.992719583997234	0.999059993036286	0.996872930731221	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012409	0.449006138012237	0.506592009661872	0.907091897501415	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012412	0.999711535277162	0.999994579508771	0.999744091463701	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012413	0.669033126720668	0.86753814172711	0.877415856690623	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012416	0.997485923611047	0.999215500919439	0.999997902840682	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012417	0.99757871721272	0.999482937399891	0.999894194404143	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012419	0.993268999653218	0.880979751152013	0.884307078313425	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012421	0.989136727404787	0.999067213967683	0.995866412246648	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012423	0.998940430922785	0.999869805530237	0.999657722205936	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012425	0.983070160409701	0.997160984871827	0.994679554124964	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012426	0.985974765104438	0.99436637823135	0.99996153470345	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012432	0.996565809531922	0.999971195185807	0.99973265964623	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012434	0.931182357445143	0.998997152486653	0.945420687001202	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012441	0.96640762137492	0.928812424062736	0.957214607793979	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012442	0.99906421928272	0.999371437404579	0.999463182934027	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012443	0.895622872409107	0.929781459303898	0.710569571639777	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012444	0.241732645408391	0.401345444013169	0.762330209682245	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012446	0.965679790648879	0.99921901234351	0.978423717875336	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012447	0.997204370031964	0.999806214958048	0.999701906703315	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012448	0.998711491429271	0.99950083713281	0.99988159493785	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012449	0.515140759732935	0.78137321937432	0.927669629012307	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012450	0.992277532620309	0.997033610782008	0.999960175919334	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000012454	0.9999377602518	0.999831346479483	0.999539145483637	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012463	0.922443747180607	0.995520876813285	0.965543473734108	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012464	0.949140655299488	0.993485611520562	0.994689506031535	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012467	0.999368754663959	0.992392480745681	0.985373685163944	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012470	0.999868872957506	0.999984900791562	0.999967589222098	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012471	0.999772934893527	0.999944034246322	0.999997876482598	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012476	0.99978042199713	0.999835542291432	0.999854801007005	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012480	0.999828359830435	0.999880742995487	0.999895482696869	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012481	0.999910978192852	0.999979408975677	0.999998626181991	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012484	0.977663704547101	0.832023556432131	0.855569711899052	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012485	0.986838514570469	0.995279661318937	0.998330848292525	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012489	0.73333847117396	0.956524884402029	0.974275752431428	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012490	0.97318979980796	0.988928120319033	0.999811933351759	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012495	0.99972967188532	0.999993732042102	0.999900233439048	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012496	0.982229937654878	0.985129623888635	0.996113457027387	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012497	0.999977364995526	0.999994272613193	0.99999675279946	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012498	0.522249438848478	0.641499760462357	0.249576770534969	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012499	0.988618798504848	0.991746241827684	0.961343146892805	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012500	0.998903790561125	0.999818651672626	0.999800989471363	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012501	0.999999298168637	0.999999101793536	0.999997611468587	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012504	0.957653282688827	0.997728731426166	0.955531259118624	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012508	0.972854144600118	0.898118235480686	0.954928944966837	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012511	0.99685502549319	0.996099696194986	0.997689919106019	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012514	0.648036061753345	0.817889080679438	0.955551565604522	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012518	0.971115005846835	0.998486331872112	0.970756734249961	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012519	0.975806432190283	0.996822756216258	0.999441280723616	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012522	0.993374608497088	0.999858256841885	0.998195620989968	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012526	0.837411494454926	0.913733367342501	0.992471710501876	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012534	0.959623474745021	0.972334623696755	0.996677061345136	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012554	0.995761188144093	0.965087874876946	0.946340678537208	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012575	0.999561533391451	0.999985511257281	0.999846413084739	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012577	0.9557270757743	0.97916119000013	0.998145604053569	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012581	0.999674558865445	0.999683664309077	0.99967617014559	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012582	0.999664696336853	0.999912143532357	0.999993757512886	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012585	0.999967890896698	0.999992632779692	0.999997753120773	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012595	0.997598914468622	0.999165750152487	0.999963119171734	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012600	0.997915058096662	0.998899971288406	0.999456398466147	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012605	0.985458124922555	0.995354724322465	0.99907198900879	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012632	0.870783368514876	0.995780135445949	0.988335900294696	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012634	0.922033901144114	0.988539408565609	0.989134841908936	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012637	0.200907802820524	0.410501383754051	0.951838549727103	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012691	0.999170077517865	0.99972804352173	0.999974587833759	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012694	0.900994040349132	0.993755925201439	0.856997015818223	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012695	0.911456885355548	0.98782338350017	0.896073856906033	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012697	0.982440742036832	0.997289195140797	0.998513860513362	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012698	0.999988623707854	0.999995744252353	0.999977219844534	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012699	0.998676711786064	0.999706124310043	0.999961852999113	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000012702	0.999803725872319	0.999998318152952	0.999895260742336	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012703	0.955942985854518	0.997444633427351	0.998274055005647	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012704	0.999701535142677	0.999988384275167	0.999941023723773	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012705	0.995395637163423	0.998217350116621	0.999876900275616	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012708	0.173412984447237	0.975637216313981	0.243454865371363	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012712	0.998862524611105	0.999905939134485	0.999855034916518	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012715	0.925051470519928	0.933671988918863	0.988479633532939	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012720	0.290155890825347	0.535690970930804	0.665913492506211	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012721	0.852698851635912	0.969655328659354	0.921794874229425	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012722	0.925637163918497	0.812114564035541	0.898513722670929	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012723	0.977840236797514	0.999911471958345	0.974023871682815	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012724	0.970052300638505	0.986493310501106	0.999692395817679	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012725	0.990697305064846	0.996598001503931	0.998947912786077	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012726	0.984269941751375	0.99491034095981	0.999450121402143	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012729	0.999431006248269	0.99982017384806	0.999974966855173	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012735	0.814267319934403	0.773861803286884	0.982404867172025	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012738	0.894088630321643	0.921417188848995	0.99855995726141	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012739	0.96638603044901	0.988120294405646	0.999102588005172	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012740	0.999902519462995	0.999825361427631	0.999740711421387	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012742	0.982639351802766	0.988601992404213	0.966283926157124	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012744	0.979633038573092	0.989520766438318	0.999665860220664	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012745	0.983340204398186	0.999299115604819	0.99320151197269	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012747	0.999814775433546	0.999967326195527	0.99998358478333	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012753	0.99835304566615	0.999897084253928	0.99921555932145	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012755	0.907686803129302	0.999631422375463	0.898295513429592	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012761	0.964736005512058	0.995132222127453	0.982801361130957	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012762	0.995530602419741	0.999372158199168	0.998850844384342	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000012774	0.986322757251619	0.999507280018168	0.99433105323369	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012777	0.967313034704818	0.995002338814941	0.99954560285399	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012778	0.998742645485101	0.999807425064404	0.999822508855054	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012779	0.919602045886625	0.996561634311347	0.944427515120045	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012781	0.999889032956221	0.999978104317336	0.999989357586712	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012784	0.986925374393049	0.964182792579922	0.98339573785573	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012787	0.999939587342409	0.999993317221678	0.999940447528711	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012789	0.993742533527209	0.99971544585	0.999643396062313	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012803	0.998676030158276	0.999685199091176	0.999963974987823	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012805	0.99843155593585	0.999690817882553	0.996523943705354	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012808	0.998184686109474	0.999918525305455	0.999473120841173	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012815	0.834843561221761	0.913264574863798	0.963060022437828	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012816	0.988703813139326	0.975856930041685	0.979271487903717	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012817	0.982106792460639	0.997344091497596	0.99737346191342	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012818	0.970351667150073	0.99895325260888	0.979732572184258	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012820	0.999622998350649	0.999347458976796	0.998952006659133	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012868	0.994301967238597	0.988419054308692	0.992336885316437	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000012972	0.999831277300906	0.999412535260104	0.998468701297266	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012975	0.981380725903304	0.994102901543073	0.998831773107823	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012976	0.956655968887353	0.996506004995473	0.991745165027272	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012977	0.993585209331631	0.994551348395202	0.996874375291128	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012980	0.99925211366364	0.997800530584381	0.994123534782665	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012981	0.999786664702318	0.999928859805993	0.999074362707102	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012982	0.9990129661324	0.999794193048943	0.998639669209805	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012985	0.997441143996029	0.999321299102708	0.999948991488612	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012987	0.999940206014301	0.999992440077038	0.999995295539948	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012988	0.999993698988905	0.999961470697523	0.999897235219724	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012989	0.996688207049336	0.999822313661681	0.999336908249869	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012990	0.999813804055077	0.999878901317106	0.999849631498101	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000012991	0.397465392805064	0.481773685657278	0.956943323719996	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012992	0.914666539422934	0.62868636206449	0.872207056590123	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012994	0.215797712803808	0.498340000395115	0.769943719760054	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012995	0.856349952963747	0.998877712901549	0.870053019529899	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012997	0.784064778981463	0.947227451821572	0.904866461091748	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000012998	0.998789812587601	0.999985946721872	0.999844215661588	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013004	0.670941350663408	0.817421314363409	0.98219877465726	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013007	0.999959491615553	0.999931754007925	0.999887269256579	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013010	0.999897698902549	0.999093242147342	0.997899987329561	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013011	0.999827829894085	0.999970805375177	0.999990252355079	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013013	0.99998594072783	0.999957897196013	0.999853903672174	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013016	0.99717069213864	0.999181162381073	0.999959097816584	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013017	0.991274093815709	0.999812819716855	0.994191871877577	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013018	0.983829059433891	0.996132089874794	0.997936134930973	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013023	0.994756317306339	0.999524369585372	0.999227510924706	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013025	0.989339645643837	0.990955345752348	0.999738286876191	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013031	0.966960272954196	0.996057942098391	0.99969853327702	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013032	0.999941749078129	0.999987876143674	0.99999565568034	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013045	0.999777948435507	0.999904448792334	0.99994445977159	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013046	0.999906708438755	0.999973715279668	0.999992627656454	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013048	0.981548204099394	0.98629734125646	0.9971372403083	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013050	0.997650242160763	0.998465095050832	0.999818762563802	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013055	0.911884809707843	0.907941753222798	0.988060173194103	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013057	0.710032224092169	0.943573155204075	0.943609710235039	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013060	0.720442383305029	0.883709840831462	0.986569199642947	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013064	0.866821037322028	0.965205721762913	0.90733305754213	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013065	0.982860079956175	0.99850648770371	0.992350818583193	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013066	0.998646354413955	0.997071865598706	0.995123415141412	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013068	0.999622971315877	0.999903571444212	0.999981866238808	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013069	0.999998800629548	0.999950685247813	0.999892372827564	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013071	0.319353325122454	0.689036903144166	0.856096622237245	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013078	0.710750125618834	0.655384168711782	0.953383316190655	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013093	0.685833253745182	0.923839928961856	0.913371155069558	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013096	0.997703930200349	0.998567293187142	0.999019254202256	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013112	0.999905276332764	0.999993131417773	0.999972167368396	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013150	0.999982665974276	0.999992064353768	0.999987838707267	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013152	0.973220379206464	0.998073066450809	0.973105044833094	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013153	0.999497122695423	0.999970805336302	0.999902202468263	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013155	0.771953572578621	0.751621602208382	0.967092126215001	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013157	0.972404986152767	0.988320379299299	0.996722329935801	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013160	0.616937539695465	0.879377950172184	0.897342958910351	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013162	0.986816866630208	0.997840167484899	0.998736129288554	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013163	0.281143892534234	0.653916602962541	0.886956394539879	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013165	0.996639712236824	0.997725965891795	0.999756836916048	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013166	0.989126867009637	0.973162941043667	0.997801855934502	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013167	0.547424834085501	0.605245210394712	0.966752822775382	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013180	0.999481182536482	0.999999105827409	0.999664547752591	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013183	0.973933407749889	0.774134250514881	0.70390146067917	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013184	0.999989064335937	0.999995599508651	0.999977115231603	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013185	0.181918707783673	0.280671202485121	0.825488847704557	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013244	0.999924323130973	0.999971834723113	0.999983487522289	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013245	0.976841705543523	0.982735540240944	0.996320796584391	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013249	0.655692403781244	0.983950016016712	0.598921008979987	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013251	0.995631447643183	0.999310427976064	0.999705626687519	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013253	0.983404168102831	0.993252200209075	0.99985014393054	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013254	0.995391728204471	0.999729081169176	0.99819750575023	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013259	0.999894379685705	0.999997582466107	0.999914386868902	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013260	0.746411368105654	0.992859710364357	0.763253252206027	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013264	0.99997165804261	0.999982360237183	0.999913144129671	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013265	0.999887884901022	0.999979155873659	0.999994342782764	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013270	0.998685963111702	0.983662939370056	0.975719751450134	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013271	0.999983974947552	0.999998901448088	0.99999383941617	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013273	0.999807687549445	0.999960669871361	0.999968417924642	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013275	0.998106752783558	0.999000719204476	0.999490265288796	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013278	0.943094780300109	0.977915337769929	0.998342347931731	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013279	0.990692836324161	0.979214172420131	0.969068812757305	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013281	0.888093458542762	0.99981819359839	0.900193278714323	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000013284	0.980278683871055	0.999275735723163	0.979591930163255	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013287	0.977753468049633	0.996882195094066	0.998572441836133	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013288	0.999991702836236	0.999999350984719	0.999991812564748	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013289	0.977394098363172	0.995730840888586	0.993461087134671	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013290	0.999968564687256	0.999948463368823	0.999796557125328	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013291	0.756498064094684	0.962194020525593	0.951627882637724	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013294	0.973323905991127	0.998144289504853	0.981413016420497	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013298	0.596183290857857	0.742296213495423	0.997175966269851	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013300	0.999382249101652	0.99841908288562	0.992930264990957	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013301	0.916640992561159	0.982000411761422	0.960382114424136	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013302	0.999952291379987	0.999999165234226	0.999971966616277	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013303	0.993739461734193	0.999227852728055	0.997103685498344	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013319	0.858032673380292	0.993078710099881	0.980453358757129	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013322	0.999804612373228	0.999984420082198	0.999970006247038	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013326	0.986148485700981	0.992820742184848	0.999840943756219	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013330	0.999967580021824	0.999999966820347	0.999979246106847	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013337	0.677191915607279	0.846670138825067	0.977141717207351	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013339	0.915297628912225	0.991558457029803	0.946520636915609	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013340	0.996893710075099	0.987628950181003	0.969597679918894	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013341	0.99552973953677	0.999667011079566	0.99431575062602	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013367	0.999882402643529	0.999945768930369	0.999958782632457	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013401	0.950226551535636	0.992935142273341	0.994964700870971	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013403	0.998625826608472	0.999932946675853	0.999783370907646	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013449	0.999982995986153	0.999996885003662	0.999999806535352	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013460	0.99986419234267	0.99969699400395	0.999366273172023	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013461	0.997628349131359	0.999824830253226	0.999814677330394	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013465	0.926026089752053	0.977092488764043	0.998446941393014	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013468	0.944153605154034	0.973985235660339	0.999107712182148	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013486	0.827360694387445	0.985539556213749	0.924176317869284	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013568	0.992723089864598	0.999744722704314	0.996352135020038	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013569	0.881235124630988	0.947205233045365	0.798509230327591	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013573	0.938423409868934	0.912254286459797	0.987730386280517	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013577	0.966767782923797	0.992469438923869	0.998381614146969	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013579	0.999950385559212	0.999998014032429	0.999948459880276	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013580	0.999944170061905	0.999992087385953	0.999993564958748	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013581	0.999999483209794	0.999985634914244	0.999960105345433	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013612	0.998730150304549	0.999940110989455	0.999325296732792	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013621	0.998489259833353	0.999813006870989	0.998245420069704	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013623	0.99339889062746	0.99469774940924	0.99889763992062	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013653	0.992488471746656	0.998034313462535	0.998775853989504	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013658	0.957199624860493	0.981430425884843	0.999270628515536	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013662	0.208719436815925	0.342251853350616	0.808404537445643	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013664	0.99808912074953	0.999819110598012	0.999563363183767	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013665	0.985630236247745	0.917183699878001	0.947370413061171	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013670	0.975760390299401	0.947074228267284	0.959378216014616	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013916	0.999192689567824	0.999943195529516	0.99989100236409	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013917	0.955621099019154	0.990843118712938	0.996130652375061	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013918	0.754525887555628	0.773251199859348	0.995687035281693	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013919	0.999995732747211	0.999956429955848	0.999829161992593	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013922	0.993802186774983	0.99986272456949	0.99967976861789	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013923	0.941827171481277	0.956069430163677	0.998397286481143	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013924	0.997887096222243	0.999626933159206	0.999900648266134	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013927	0.999127842752669	0.98965221266855	0.98503947296928	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013929	0.725626211534092	0.992310207639072	0.693917088005877	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013941	0.997007442065227	0.999891481835106	0.998237266443769	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013942	0.97933873529305	0.853159052713367	0.753188523968969	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013943	0.998895327596173	0.992823335607755	0.986790455755296	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013951	0.999975761379514	0.999994937115908	0.999963292427953	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013955	0.998745255731672	0.999841643760839	0.998516273855365	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013956	0.99350261069294	0.99824776807532	0.99962999506681	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013957	0.916120451266812	0.949875051971787	0.991591622255542	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000013960	0.990803589571297	0.99975726267731	0.993808526383492	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013961	0.997188792103506	0.999622810130282	0.99961097744166	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013971	0.999978889832715	0.999987895981144	0.999936019069436	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013976	0.814793265259463	0.990969077264672	0.837656441752951	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013980	0.956337203853576	0.971557423533545	0.998745928279899	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013988	0.998524686071504	0.999259493431309	0.999880647872679	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000013997	0.920025165363214	0.988132478106526	0.959707452232823	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000013999	0.997472844006988	0.999719865084249	0.999342544123097	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014002	0.999991782709585	0.999999050527908	0.999998031713554	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014006	0.999954654552691	0.992517173972693	0.987297348372596	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014011	0.711231853157508	0.858439517265731	0.949767324505749	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014014	0.999426979312436	0.999837246563497	0.999981617111795	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014015	0.993856183130851	0.999913150669605	0.998838139455056	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014016	0.706017817475946	0.876399286188809	0.849321241942224	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014017	0.997384283470712	0.999702344567373	0.999133820774815	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014021	0.919703620707709	0.983245168192388	0.968325418877144	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014023	0.999820325017845	0.999987084060392	0.999744132211901	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014024	0.999715213848559	0.999921686794908	0.999987827205654	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014041	0.995932739159484	0.999171485252201	0.992748731812055	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014048	0.997286839051036	0.967994689479292	0.950812606463274	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014197	0.511530073990381	0.930040647566882	0.577939268683137	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014199	0.93093591417495	0.730215381549412	0.797712628923432	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014202	0.99967158288768	0.99996115643728	0.999966720666905	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014204	0.995394143789182	0.999453978698622	0.99936725286419	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014205	0.980375598159282	0.998416021687157	0.992442896061876	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014207	0.994328262146976	0.997687559262783	0.999943827834689	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014208	0.99995402393011	0.999972364580425	0.999954324782068	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014215	0.9927125997164	0.99650471889597	0.999805298421305	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014217	0.999768068275358	0.988119717318692	0.98116573249267	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014218	0.301296361239741	0.903629983810904	0.552729111003916	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014221	0.999801916504768	0.980936117249298	0.970983422731393	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014224	0.722141043852409	0.643365725750369	0.934108183605449	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014226	0.999792963944772	0.999975157415406	0.999990046704428	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014227	0.998826099426417	0.999847820605048	0.999854212430215	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014228	0.383497163564733	0.566326669308366	0.877229047913682	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014229	0.951128010496315	0.989448676536486	0.97615965458522	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014230	0.998239948228068	0.998657614315873	0.999015566194634	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014233	0.999838599859906	0.999993194641181	0.99992279351	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014237	0.772774842990439	0.912493321415394	0.98921669594747	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014238	0.997989027431576	0.999602430013478	0.999957349093632	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014239	0.756430046771663	0.861376603656342	0.515463325825623	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014246	0.968397875865012	0.908902297045761	0.929478356613407	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014248	0.99907014710863	0.993540140840488	0.990424589367167	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014250	0.884265362573486	0.977806083198542	0.959857637007309	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014252	0.946696369738966	0.997164028122397	0.984808126879611	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014255	0.999970583994753	0.999687314034429	0.999480870385079	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014261	0.99943331779814	0.999838574320428	0.999979911187993	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014262	0.99238390855498	0.996811878216035	0.999873756540348	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014265	0.999820784594493	0.999912089550301	0.99959328248432	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014267	0.992964159925916	0.999277534426231	0.999163822161313	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014269	0.997807773344454	0.998682769723785	0.999427287973784	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014273	0.999420997845404	0.999708729816257	0.999817642426458	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014278	0.999123297562981	0.999674069280223	0.998764633495344	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014284	0.999627410047692	0.999574790386198	0.999349081906036	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014294	0.999769031640312	0.999909032379217	0.999963165566445	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014295	0.99999117358172	0.99999081242182	0.99998351395059	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014304	0.80025683877405	0.954674310558278	0.980483582555384	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014324	0.603076541916115	0.851313303095649	0.937863819194779	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014325	0.991339306839746	0.999538226697683	0.9967992557008	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014328	0.97125485450301	0.988220395904918	0.993435075581396	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014331	0.987377989955588	0.998317741894819	0.99971390699871	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014333	0.977661695163247	0.996145362579172	0.993161494883841	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014336	0.983655194580384	0.831866309851808	0.777188317198221	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014339	0.999764415646353	0.999999517684829	0.999852377508605	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014377	0.968109232602153	0.996694591420271	0.998174719710552	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014380	0.998705137016413	0.99932537135872	0.999947569344051	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014382	0.979426708214317	0.967739423011124	0.998677473496288	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014387	0.999318237874619	0.999850403432876	0.999053240873758	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014392	0.999225887982107	0.999950631646462	0.999879155501213	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014399	0.997617818246672	0.999720982148397	0.999125213557583	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014474	0.999994289298966	0.999998869263609	0.999999836091829	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014476	0.997827183737493	0.999713234201003	0.999362531467585	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014478	0.963564588890128	0.997211488652221	0.995433617925076	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014479	0.998689896931189	0.999753872722599	0.999951549268993	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014482	0.999051944613107	0.999562112555686	0.999943589912598	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014484	0.98419067127712	0.968747277986617	0.979074510400993	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014490	0.999925112324371	0.999992691800464	0.999987830654386	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000014491	0.684685093211013	0.937607668275141	0.847298997428278	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014492	0.955203295771946	0.991720962511283	0.993920176767418	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014493	0.999349016190894	0.999945846162443	0.999838956437388	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014494	0.618933863083429	0.932356978234039	0.942643704011883	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014495	0.999203185095262	0.9994476280822	0.999889617120093	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014498	0.991323911752581	0.995454786822991	0.999244261593776	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014501	0.999398632382143	0.999869283880599	0.999974611891355	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014502	0.992377317529524	0.994148477445212	0.997407480856465	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014503	0.997833598080847	0.999890844164277	0.997438923179842	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014505	0.998989131292922	0.999822356019728	0.999940957035881	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014506	0.999998385771517	0.999805175144094	0.999518005719814	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014508	0.982266990030573	0.991917375799495	0.999969412742596	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014511	0.997890686689446	0.995713072873721	0.989803322517789	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014512	0.975095191177576	0.994835012376357	0.996362439576631	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014514	0.84318949789795	0.798598215654174	0.947693453088332	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014517	0.323521519360916	0.270578138196693	0.991912347853218	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014520	0.980788555073165	0.987276431687124	0.998671636099526	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014521	0.954148750943872	0.995669969118043	0.997257889940213	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014522	0.861358378039698	0.979111425191935	0.986467020335027	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014526	0.999992713227223	0.999951738210543	0.999864705699202	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014529	0.283950028587758	0.99064429138406	0.259383235065265	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014534	0.990655631788711	0.975475082226176	0.984562160318464	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014536	0.871146286564486	0.831758834109337	0.963480550579641	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014540	0.98642792470212	0.990034181225774	0.996815562811378	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014541	0.920480365803678	0.957962837446854	0.999348798376868	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014543	0.651148229257406	0.732353902260803	0.987024854651342	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014547	0.559579335034195	0.79073624969896	0.980078426271788	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014548	0.37388550593585	0.743212024024973	0.828767842776304	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014550	0.999941047790879	0.999995146961774	0.99994112132932	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014553	0.999977027487102	0.999989443977286	0.999985241584562	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014554	0.836518302167609	0.780582979613668	0.947754969750126	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000014555	0.507631868326776	0.727310017940095	0.978773818728014	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014558	0.999267725987939	0.999807744062733	0.999990579445031	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014560	0.999571739004721	0.998063928137347	0.997115747928532	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014561	0.999057228960488	0.999816019915186	0.999960521809797	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014564	0.992077962117072	0.999457066915291	0.996751829027139	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014567	0.977781527539345	0.916257043229722	0.98695606803447	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014574	0.89313854757109	0.827141377552244	0.938358746773071	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014575	0.997747134544889	0.991034964124929	0.987845390389315	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014576	0.999456212850505	0.999417518598478	0.999458533373441	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014579	0.955988021612106	0.995959807469691	0.991996657937279	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014581	0.999734843175949	0.999737419398131	0.998961522038437	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014583	0.903913287857475	0.974761521942746	0.997529085710826	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014585	0.1906457222928	0.328224628174754	0.859075941154243	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014588	0.999997582906326	0.999851803160397	0.999620421740324	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014592	0.962212480638708	0.996438819502631	0.978305984866272	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014596	0.954538881045983	0.943070383123231	0.997425656437935	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014599	0.223952290222637	0.815673182091784	0.504204914837157	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014601	0.9999362861395	0.99999364847339	0.999925716357732	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014602	0.959770444849675	0.981803037870237	0.89422798020998	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014605	0.991191079760528	0.998949376573359	0.999751391279166	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014607	0.993925872703963	0.998956359206178	0.998519722248146	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014611	0.601396330832062	0.923046574806365	0.772811428726938	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014614	0.977826201498711	0.973560223339637	0.917332607144411	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014615	0.796127728692915	0.969378330480933	0.871531395705009	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014616	0.997807211965213	0.999793046163254	0.997653730793909	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014643	0.968282058078607	0.997889817034886	0.999224104819363	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014697	0.999992718843485	0.999998987273429	0.999989336548996	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014762	0.908425543407858	0.981496107480168	0.88747244542975	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014764	0.825798683646624	0.934878519331497	0.981623429261117	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014766	0.999994570583662	0.999999345964724	0.999998755314145	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014768	0.98021046246846	0.994015597431201	0.999427947324939	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014769	0.999936349335975	0.999997745230931	0.999973156465385	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014771	0.999120074624122	0.998631881303775	0.999082890534329	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014772	0.999947508253908	0.999990093130656	0.999996733833094	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014773	0.998761115536867	0.99988342295117	0.999828785381539	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014775	0.999991247143318	0.999999523788233	0.999992849426826	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014777	0.992377361918931	0.999190413056188	0.9973707853584	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014779	0.999997154602046	0.9999430218369	0.999817827928256	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014782	0.694918134666236	0.954153993808269	0.983158937227092	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014784	0.996673109223604	0.997933219776887	0.998816671714483	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014786	0.99990234565092	0.999996932163864	0.999953524037772	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000014790	0.999210444622813	0.998771849218605	0.998234619431126	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014791	0.998333447155936	0.996478178193576	0.99266906158224	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014792	0.999028346799335	0.999903270048723	0.999887657164933	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014793	0.999085705415671	0.996580570342804	0.992490240234357	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014797	0.999822802439222	0.999697175962002	0.999546491352284	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014803	0.419557240297407	0.872291974937554	0.881184997386786	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014806	0.997806984506547	0.999242456606917	0.999974601416259	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014807	0.998203398722768	0.99968889847847	0.99721092863485	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014818	0.946896478644845	0.718639913210099	0.662508718805034	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014820	0.992282631883087	0.999378931057273	0.999297052031944	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014821	0.804195811003138	0.934386434037522	0.987438183067919	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014822	0.993269541828624	0.993771710613667	0.99892555343723	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014826	0.999815178685087	0.999983593934568	0.999965790326845	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014829	0.891316316902811	0.84594116502629	0.571609254672677	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014831	0.555355254429793	0.988998006706849	0.984141486301855	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014832	0.935937237929856	0.981880948854087	0.700649288167852	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014835	0.860307889957156	0.953763505830034	0.988119492879328	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014838	0.999803024458671	0.99999248937647	0.999773819334914	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014840	0.992421160747268	0.998929760681783	0.999654021085107	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014841	0.979017446534218	0.996554908304901	0.996472339714609	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014843	0.999981557151057	0.999999106861642	0.999992009286667	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014849	0.997552409026591	0.99973548582794	0.997091513420044	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014855	0.630781027391844	0.886264585420697	0.775222447924062	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014863	0.989845974418116	0.999898340370374	0.998862577030789	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014872	0.999923560362914	0.999998026869221	0.999953624127406	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014873	0.988585665138965	0.982041006730371	0.997428954108023	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014874	0.99961948242419	0.999974147160435	0.999634284966297	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014877	0.999987132531746	0.999982314858889	0.999944525622947	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014900	0.9997002958309	0.999982088641178	0.999974116365979	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014904	0.958980508192766	0.982890511884365	0.997353909717301	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000014953	0.790209592516706	0.934164687203874	0.867542679210966	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000014956	0.941395565602531	0.98446145775184	0.999064700823913	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015000	0.999774423127815	0.999947265674764	0.999998060835787	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015043	0.999725215483855	0.999656846581013	0.999738306879593	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015044	0.998160023813674	0.999941491712498	0.999003638369156	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015049	0.897546964932994	0.906248145227523	0.992898998403332	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015050	0.992397933549459	0.990172424536111	0.995684364457969	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015051	0.999822700203875	0.999968571111832	0.999980367508774	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015052	0.897925405131447	0.989545435192988	0.945486860115212	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015053	0.999665559553746	0.999435248051209	0.998209238334653	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015058	0.989134322527487	0.998823085577194	0.997079781764648	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015060	0.96730112342895	0.999549017535501	0.966788917437851	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015066	0.992813372513443	0.999832671710339	0.998351945198765	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015069	0.999862799980147	0.999948985852518	0.999983356656856	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015073	0.99973526172362	0.99978136655209	0.999715079677919	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015074	0.999261499725528	0.973098729931174	0.958707683292861	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015075	0.942215138366138	0.996768624543991	0.975570781101059	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015076	0.99264018957153	0.997164217584528	0.999947907149999	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015077	0.999346539395525	0.999921495752042	0.999876056179487	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015080	0.92815594485133	0.987631931575931	0.961649484676066	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015083	0.997517264833403	0.999722586547349	0.999836976164576	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015085	0.367069452046269	0.94880837255364	0.732904300529357	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015086	0.899660183249115	0.937005390509782	0.996912068150957	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000015089	0.986252993476905	0.998973896471788	0.997214313974558	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015090	0.997837030335418	0.999821588089963	0.999639542993266	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015094	0.963167421277155	0.978705282312552	0.994254867096752	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015097	0.992283555707495	0.999441420585091	0.995599276652584	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015098	0.997825629549793	0.997464472255816	0.992700095468958	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015099	0.999925165979519	0.999756329749087	0.999567920530645	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015100	0.999934369646133	0.999994290876251	0.999940052885402	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015101	0.999284066295683	0.999544763897736	0.997532982617602	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015103	0.999962816304227	0.999890321348529	0.99976802277347	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015104	0.980126291244407	0.989685420253708	0.999350828147367	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015105	0.999996499445752	0.999991281917164	0.999976781770365	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015106	0.954797498598199	0.902220495710137	0.944025946325612	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015107	0.906932894496825	0.979618134867268	0.953984619336119	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015108	0.999060487355517	0.999951190646488	0.999474476196209	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015109	0.926080127912701	0.998276344586668	0.947835712007149	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015112	0.999557180952372	0.99991322379171	0.999979739831555	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015113	0.959816120832252	0.948060100866304	0.979077598711256	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015114	0.999983306780676	0.999930952016326	0.999803711126014	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015115	0.966281502138443	0.987157362952955	0.999702191990991	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015116	0.994272871428908	0.999281489618428	0.999418416496131	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015117	0.925587814507528	0.943565838571018	0.999162257321095	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015119	0.999847358305127	0.999991276570168	0.999854797554025	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015124	0.999994752177497	0.999999580535303	0.999994126706851	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015126	0.991511975853091	0.998655787957268	0.997344282874768	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015127	0.949294851560716	0.990682314079873	0.930504669399422	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015129	0.612974390053168	0.615191268101268	0.996617118597942	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015131	0.999447333102475	0.999918540548945	0.999886280675089	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015132	0.934751165863841	0.992971212354131	0.9075128272801	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015133	0.96036300599662	0.909748498865917	0.945194933961874	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015136	0.999547192501526	0.999894462374212	0.99997833693606	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015138	0.996448455402903	0.999222370182479	0.999799309879587	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015140	0.998285678373303	0.999960553931589	0.998642031580267	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015142	0.976748998657559	0.99287640868937	0.999901080881585	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015145	0.986915344639102	0.99951098330513	0.997807728676024	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015146	0.999999029400585	0.999998299702826	0.999993422326837	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015147	0.682052397800889	0.911884203793431	0.968800826824708	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000015151	0.97988038833144	0.994988748533285	0.996779756043467	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015154	0.99981385154621	0.999725801559007	0.998654023098081	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015155	0.998258313751573	0.998774896476248	0.998995763268301	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015156	0.949821873458255	0.992982396750744	0.996041426441065	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015157	0.922278511390607	0.942004323116868	0.985239414006503	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015158	0.999714969760876	0.999983189442626	0.999911919215031	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015160	0.973341595451132	0.980427632903588	0.994986289261298	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015163	0.99927219063028	0.998221548366397	0.998684624482649	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015165	0.810461184375922	0.896717890558009	0.983568405378388	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015166	0.724765552441944	0.898048357840651	0.418019855172751	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015169	0.999967435524975	0.999993042763009	0.999998802013755	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015172	0.996199697334324	0.999993991958	0.997141956242204	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015187	0.999823933876231	0.999972042654852	0.999973071933808	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015190	0.999608989845068	0.999669312324168	0.998953679996119	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015191	0.746272615528803	0.908426304528427	0.908656547575984	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015192	0.999574254211202	0.999983703103	0.999551083129429	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015196	0.999232139032988	0.999738456708487	0.999953017173305	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015200	0.974144112809394	0.973366631546565	0.990669916622619	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015204	0.994396560080707	0.995164264367549	0.984166845133784	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015205	0.9914497561503	0.999606376793294	0.997790909919823	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015209	0.999546052534772	0.99970937252136	0.999721031554964	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015212	0.999569305164194	0.999958662727721	0.999406140504859	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015214	0.632204164097653	0.972941074833314	0.601523587356666	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015220	0.998282076055151	0.999179044367107	0.999720384478287	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015221	0.97007020458907	0.995206244490706	0.98573514993698	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015225	0.999894391992089	0.999987408178071	0.99998498642989	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015226	0.999115962383012	0.958186530119888	0.942629218123169	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015228	0.999794730984261	0.999804847001248	0.99889216294024	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015296	0.978175217540701	0.978349085360826	0.99810971161754	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015311	0.763333774106795	0.996400788269591	0.793813243391882	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015312	0.98791552985809	0.998562041773596	0.998347654900449	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015313	0.851708492142766	0.93644950730359	0.770844128438817	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015314	0.998769680297618	0.999898917364464	0.994751822910632	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015316	0.999991799982006	0.999999279218755	0.999997644028116	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015318	0.999825079766837	0.999923714020951	0.999956984841108	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015319	0.999102524129838	0.999739527292241	0.999997953627404	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015321	0.657231382168198	0.88405260786098	0.962754654321937	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015325	0.997460268438093	0.999874510894709	0.999705574796294	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015327	0.974768806519144	0.998228000620906	0.999131266081241	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015329	0.999989516503464	0.999996778750993	0.999996745042541	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015333	0.999991293227317	0.999996584282783	0.999994507580486	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015334	0.999841555714949	0.999994220830511	0.999917033606393	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015336	0.99996791559246	0.999993998461556	0.999998885054438	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015337	0.999093255681109	0.999964851634231	0.999276216593243	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015338	0.97723701729786	0.979560515807822	0.994721707325425	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015339	0.999898947568023	0.999816425061449	0.999653339079515	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015340	0.345255893112877	0.165761054538808	0.801923331989373	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015341	0.957977067483442	0.996397794037948	0.986616798169329	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015343	0.996945013756439	0.999297983715721	0.999685529486292	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015345	0.572554512138582	0.972778629905997	0.455736324579231	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015346	0.999946493939836	0.999998821625654	0.999981029472917	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015347	0.178146354789501	0.473920054748431	0.627983007738562	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015348	0.998984737082306	0.99980702765936	0.99993836940824	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015350	0.308662641935465	0.292077327241849	0.976019055319833	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015352	0.999983509786511	0.999998565618552	0.99999411145839	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000015355	0.842631892497103	0.984957487451854	0.916684726485356	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015358	0.98118439129612	0.937248659157942	0.942676158166864	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015361	0.59769702241496	0.77751115440183	0.304663792858085	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015362	0.0687532622877192	0.164770092262849	0.82211352864104	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015363	0.998674759285979	0.999397325082333	0.999729789169258	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015366	0.172656853227622	0.390114892421578	0.628193151651805	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015368	0.994662021246767	0.998442785770488	0.999685141457595	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015369	0.910954598658193	0.933849926416568	0.996067568703966	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015371	0.811218237331695	0.942927209620227	0.986363863443231	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015375	0.998050535347091	0.999800771017441	0.99957403492655	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015376	0.99968585383405	0.999986849858332	0.999877868723743	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015377	0.799650360402731	0.997759949308396	0.806055155280724	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015379	0.984579913691694	0.997369820047087	0.999249852934104	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015380	0.873555156302415	0.830696729528351	0.976716538852996	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015381	0.998301646849305	0.998532484508852	0.99884376121949	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015384	0.976029054738929	0.97139972045195	0.989978682688197	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015385	0.982851670618686	0.998896308302563	0.998352182390135	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015386	0.886301090948502	0.995179496733522	0.922858640258684	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015387	0.997922459041603	0.930078090382448	0.901284143273951	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015388	0.999465840842807	0.999982130796289	0.999899991901913	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015390	0.998452500061834	0.999854523227905	0.999476589669856	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015392	0.793171369375759	0.999713495443961	0.810101813082557	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015396	0.995478790395573	0.999655282119937	0.999284805064357	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015398	0.999495441687111	0.999758829328772	0.999873372355975	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015401	0.996384183851819	0.999855036311861	0.999478211661115	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015402	0.539706027108267	0.973217556080718	0.574507451428698	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015403	0.999925610492633	0.999996322818708	0.999973815387186	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015406	0.935655764886484	0.915965353579169	0.82219047293675	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015408	0.998092863626251	0.999992384732273	0.998626478991812	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015413	0.915696205831959	0.979763109346669	0.994706687331444	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015414	0.999945312508621	0.999989715200427	0.999995644543399	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015416	0.308837359425986	0.788938596431614	0.926974500534679	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015419	0.994081686296007	0.998530677257039	0.988536243548573	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015424	0.999932985902526	0.999899593708262	0.999684666617154	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000015427	0.999696363793222	0.99998789173006	0.999739606525408	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015437	0.970509451095319	0.93674146432413	0.951653849818279	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015481	0.999837494020886	0.999980085526669	0.999953885105227	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015482	0.999952533125195	0.999969547075402	0.99995942431028	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015486	0.998457513327248	0.999376414615577	0.999822252334008	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015511	0.999555798671845	0.999871490412802	0.999987501908258	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015546	0.998448240617135	0.992989997278283	0.982404282955351	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015604	0.991968713423589	0.97694178551554	0.956554567068114	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015607	0.967255033033185	0.983996366067154	0.999940139382413	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015609	0.931653084847152	0.975461299341283	0.993935092980193	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015611	0.999996491044321	0.999999993965844	0.999997573268702	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015612	0.999992953975582	0.999984323921549	0.99993881940983	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015614	0.988794458150936	0.991181279773431	0.998403430413951	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015625	0.999947019001014	0.999999464993598	0.999945661904263	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015628	0.997695288754869	0.999496686415246	0.999588439695913	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015630	0.9941672462537	0.998535807953878	0.999750343142965	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015635	0.962154382994919	0.99018115450174	0.988050698930916	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015636	0.997868130070121	0.998625867940638	0.999477206336493	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015637	0.999099643219268	0.99999742963255	0.999391361550672	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015639	0.998947659637721	0.99991764554199	0.999802202321871	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015648	0.9934947863121	0.996992694420501	0.999816305790011	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015649	0.774804418376403	0.876516312345622	0.932007195998163	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015654	0.224498263944843	0.687228546097479	0.578674608282962	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015655	0.965069146959645	0.996200327986506	0.981303464694216	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015656	0.995895291740242	0.998581589878876	0.999789533726131	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015659	0.999917041581688	0.999906643500379	0.999504489383915	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015662	0.96029670899347	0.978867378625916	0.930251484448903	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015663	0.98407904786048	0.998933303896154	0.999213667203858	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015667	0.998902713257501	0.999876211253616	0.999841061020772	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015669	0.997877445584325	0.999513646465387	0.999876004312473	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015677	0.994045991204665	0.999957328238146	0.996429908821617	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015678	0.997572773290577	0.996792181063815	0.996508414664356	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015681	0.525595831830609	0.204348022269663	0.866568214692251	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015683	0.999981350634686	0.999981170767482	0.999952880478758	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015702	0.808342657527173	0.831085303656095	0.990086190930166	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015704	0.951153448176444	0.997360874717123	0.949555468074864	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015707	0.948628009033278	0.85470296529817	0.908143630074375	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015710	0.979351552702874	0.964924824608743	0.923983203070657	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015718	0.991089311072034	0.999715716907009	0.996203125726518	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015730	0.998733523605521	0.999658341570023	0.999955079982292	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015738	0.999983478080294	0.999998610407614	0.999980748921892	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015743	0.9607660109346	0.989755452302702	0.997879948987977	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015745	0.870530374053093	0.989143964804436	0.942483866816098	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015749	0.35604052495792	0.587581548711399	0.768585404899411	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015751	0.777818867803762	0.94892870178955	0.648751822371499	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015752	0.993550020695685	0.998440302429714	0.998227555235035	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015758	0.999970304159919	0.999923566185851	0.999795357659722	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015766	0.98538131423137	0.999589971269041	0.990419577635666	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015769	0.371416984917827	0.494895298339108	0.945473678183358	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015771	0.999926209135874	0.999999351495546	0.99994304074972	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015772	0.964711165402037	0.999309287999837	0.96739345847546	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015802	0.544973767452954	0.840349072689324	0.911654981634522	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015804	0.999910021867966	0.999999836857026	0.999944176961785	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015806	0.999236093671951	0.999962276955103	0.999841038426112	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015808	0.812411232267886	0.959007655771638	0.992232396384792	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015815	0.882984408316738	0.957552456877291	0.99396759829182	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015817	0.899170558522794	0.981311223860976	0.98871030608817	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015820	0.996505359677746	0.999843524276725	0.999607261403181	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015821	0.251968977049759	0.451593483400196	0.849938177165226	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015829	0.48111415107932	0.76306205042748	0.968653609353442	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015853	0.964003822526772	0.979104405881133	0.999582475250377	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015911	0.981986333093549	0.955179575613859	0.895928321505469	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015913	0.994029458855491	0.996586415379732	0.999169121434256	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000015917	0.999922483513796	0.999504396327178	0.998944064175641	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015919	0.976380407227684	0.931136140881004	0.957365159299276	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015920	0.988012218340222	0.99779540275402	0.999358315101268	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015925	0.952806510518531	0.97996463465485	0.997742326635738	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015926	0.993940282586656	0.98909981054475	0.996714676510558	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015930	0.972755013901587	0.994198386956889	0.9890679482093	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015931	0.999545180035713	0.999848251203755	0.99997879155479	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015935	0.451705116214831	0.425981653071769	0.995108379864504	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015938	0.99992343735638	0.999889342080708	0.999568689087391	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015939	0.814922416907444	0.739409845746294	0.972027236638097	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015942	0.929123281496571	0.998958278978434	0.943820826735793	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015943	0.998434422779447	0.998940491732919	0.999662540717528	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015944	0.999966513091896	0.999999513963575	0.999981157316673	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015946	0.999966899167503	0.999997985185269	0.99997074300951	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015949	0.309896265432564	0.306380591837992	0.896211015233164	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015950	0.967289900540317	0.933992538698888	0.951383273752541	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015951	0.999837812759927	0.999988283887017	0.999981457061596	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015952	0.887353785044099	0.850951173134731	0.98941616730423	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015955	0.999978722399202	0.999994722573721	0.999997265056274	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015961	0.934368938232884	0.987789399490271	0.959759470613926	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015962	0.996346593625065	0.998804544364556	0.999988258337255	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015963	0.999576944038553	0.999935980383716	0.999867968376216	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015965	0.997604869172644	0.999040437366014	0.999859925192631	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015968	0.983058572504865	0.99762155904988	0.995957062505991	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015969	0.998924953566435	0.999971548262291	0.999889464966387	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015972	0.993307274637765	0.999645226059437	0.993777337851964	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015973	0.999378855694555	0.99998106571046	0.999711784158218	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015974	0.985408721888664	0.999289270535502	0.994561340746325	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015976	0.999796011658434	0.999968427672889	0.99970357373633	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015977	0.997415757285762	0.999438157446077	0.999354206130723	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000015980	0.825434818453998	0.93683648211669	0.97857570240071	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015981	0.691368884402558	0.746367915938567	0.99074797254449	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015982	0.990704687310038	0.99838969922691	0.996280881454843	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015984	0.995825294066654	0.99996446362188	0.997121975343108	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015986	0.98228620326588	0.996958791219036	0.998593022702954	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000015989	0.993012059686287	0.99964068175738	0.999561004703883	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015991	0.506906796579328	0.434252617052286	0.961999204738841	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000015996	0.996960013263764	0.999677471588436	0.999152845929443	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016000	0.998211045724738	0.999220900838851	0.999826699055988	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016004	0.999680407212611	0.99997946189958	0.999947023903057	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016005	0.999866204526378	0.999970987694876	0.99999029112835	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016013	0.943785745112413	0.935252097847495	0.993364546350502	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016021	0.998021527101668	0.999116512240244	0.99568322318725	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016023	0.999971437246945	0.999985933743112	0.99997948743105	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016024	0.958867684597724	0.996160361445775	0.970713073964807	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016026	0.309820998050455	0.760469252103225	0.985039583546775	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016028	0.998548186531228	0.999824592802437	0.999568611582444	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016033	0.744078930954931	0.912140033553052	0.979278693442331	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016034	0.990399224531761	0.99817912880014	0.999234623714784	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016041	0.517327235928306	0.80894656300836	0.787414906048436	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016043	0.773445366226237	0.918234001534845	0.958518295636275	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016045	0.996568137173718	0.998795048088693	0.999984873556579	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016046	0.982786676283654	0.999111955150547	0.993646295239024	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016048	0.961171282353562	0.989864166807408	0.989777227531878	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016050	0.999935148080925	0.999986403167052	0.999917313551799	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016057	0.997986525900867	0.998593703646704	0.999401798151507	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016061	0.990744321109764	0.994881577848043	0.983135240614177	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016062	0.992133061401941	0.992509615978336	0.972561392935495	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016069	0.999993637166728	0.999982088983864	0.999950173730895	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016072	0.515675701103837	0.759729805372693	0.766600220902401	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016096	0.896380327558772	0.981932268979256	0.942868630189842	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016177	0.973529130360331	0.994729312880483	0.956855949562589	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016193	0.957534417856129	0.976867806227144	0.999854414546054	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016194	0.887509020684768	0.974476619633683	0.842962463111653	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016223	0.535308881415913	0.865146229586483	0.890666698639347	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016224	0.99968784597247	0.999945461991343	0.99998905312703	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016228	0.999957218747532	0.999996955361117	0.999982693576987	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016229	0.998165057795906	0.990020318848448	0.986446618446093	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016230	0.947936102777999	0.989204546289732	0.992759820795482	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016231	0.859183298231102	0.995294043300838	0.984521556051429	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016235	0.982125129560588	0.999361461429178	0.995152743250545	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016236	0.971819062366407	0.994829421642074	0.99791829605005	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016240	0.957940349026827	0.977347026448595	0.999953809913112	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000016243	0.999464726469617	0.999872797301031	0.99999670194868	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016250	0.998890720386901	0.999782338729933	0.99993660401288	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016251	0.999557374697401	0.999905797726296	0.999983379025357	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016252	0.998692736920887	0.998720142089787	0.999880951617884	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016253	0.999757913946546	0.999671858294298	0.999073714401243	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016254	0.997632847076997	0.999573076535708	0.999918662134477	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016257	0.908113530022875	0.987726379642958	0.971280273924633	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016259	0.98495996370864	0.989764856751257	0.966090376153346	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016260	0.963715102518314	0.994518383144805	0.994267268543023	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016263	0.999168618245734	0.965758268071382	0.950460849178934	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016264	0.998477869661988	0.999825036838338	0.999839747438158	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016265	0.996559724715032	0.997485829579717	0.9891396654995	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016266	0.98189802960169	0.988221529775472	0.998843084997082	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016267	0.825925323789984	0.857148647279598	0.998888774501788	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016268	0.998645395459755	0.999984896832012	0.999155920191254	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016269	0.955891284698817	0.994621249882298	0.996872314102074	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016271	0.99887330166668	0.99978447978745	0.999973267132895	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016274	0.746058623712925	0.928923298801881	0.877360945172513	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016275	0.768756696754281	0.933576296588551	0.88080335600103	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016277	0.999862668047382	0.999942340559248	0.999943007056616	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016278	0.999653402211855	0.999974748268695	0.999968797149287	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016279	0.735102024838437	0.994288409807183	0.887073239062027	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016281	0.998254767813414	0.999948426325286	0.998400009599636	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016290	0.998008978232444	0.999511431882911	0.999842546554383	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016295	0.994411612403194	0.999794440844633	0.999723406393752	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016298	0.99995397704165	0.999993837955126	0.99999480077258	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016299	0.936285297804428	0.993200310992919	0.987711313606234	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016302	0.930139948280258	0.992503833359663	0.968340628891015	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016307	0.967377860126666	0.995440631682744	0.998190580202885	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016309	0.999187874381791	0.999231051102888	0.99910944645375	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016311	0.99965871834412	0.999955582249386	0.999953185124141	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016315	0.968303911261334	0.978608854347646	0.996223575796511	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016316	0.998322183029565	0.999959691956541	0.998928943626491	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016319	0.994569005038649	0.994875304718455	0.975236422769769	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016326	0.995388047602933	0.999768855609356	0.999662331642235	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016331	0.979596058505191	0.995340490323555	0.998653346353089	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016332	0.999766049048489	0.99998454403756	0.999893986523793	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016335	0.952808197771363	0.999725902731637	0.961585018134477	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016336	0.999818376926893	0.99981335705947	0.999642934304136	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016338	0.999835518819339	0.999989116764754	0.999978988572955	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016341	0.977272948917363	0.98441581363935	0.997132038223743	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016343	0.982893168595651	0.989775463016319	0.998081082887057	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016344	0.914771435642949	0.995596395338412	0.90697246119074	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016345	0.950963968934654	0.757825988694193	0.928980020226851	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016349	0.998816390385831	0.999934743534389	0.999539299036376	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016357	0.815844157758597	0.762644112651328	0.945466210946977	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016362	0.99989710825779	0.999665612429805	0.999415509380113	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016363	0.999946682518206	0.999899293876578	0.999871199583184	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016401	0.971056535163169	0.936503353090833	0.965509705490436	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016406	0.904057202184155	0.985854706620319	0.94867614703386	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016411	0.896055299284615	0.985476299945722	0.990243170767535	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016413	0.984658585810186	0.992208914503596	0.999276451673787	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000016414	0.90696192154734	0.929321195993553	0.996597703236521	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016420	0.999989771704881	0.999993139032636	0.999983944928615	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016424	0.9577918202024	0.949980616228219	0.977695850318144	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016427	0.997825281753157	0.999325762749044	0.999990787148143	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016429	0.998795498709981	0.999631493553806	0.999927247294912	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016430	0.999427724882741	0.9998617846011	0.999008177602291	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016432	0.955042191561917	0.983839840289733	0.990534478709591	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016435	0.999543908794546	0.999966227990321	0.999874911336509	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016438	0.771315475596646	0.937514079819818	0.897918850958499	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016441	0.999782934163109	0.999830907708331	0.999760066613394	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016445	0.999689316462053	0.999973732069202	0.999949976582715	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016448	0.984600830576617	0.998028627210056	0.98099004219408	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016462	0.866804214541867	0.972561942839327	0.985188099380336	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016471	0.997497698106392	0.999926526892455	0.99840269456186	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016473	0.998943770024086	0.998457516567851	0.998594191700538	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016481	0.941056312562886	0.997758143545883	0.995359337976715	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016484	0.999871188148892	0.999931832136477	0.999734432302592	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016486	0.95156495145217	0.88507859405064	0.970735021793776	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016501	0.996595930355116	0.997748747204297	0.999427211926249	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016508	0.999869263818294	0.999161327790405	0.99805232950937	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016516	0.999137303511681	0.998418452211245	0.994503583449098	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016546	0.999877020812774	0.999806751492056	0.99981664788618	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016547	0.999132326672393	0.999917799726348	0.999751399197922	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016549	0.966556553938503	0.992019501341998	0.992093989233931	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016552	0.999447618178991	0.999681967055525	0.998551223859001	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016553	0.999616824528694	0.999959419148909	0.999866597637605	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016555	0.925555387545384	0.836209297222822	0.903081070703817	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016557	0.999970830617363	0.99999660799863	0.999959967138454	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016560	0.985055062481414	0.996572343530634	0.998460952275585	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016561	0.996142070466532	0.99964082046266	0.99906188969987	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016562	0.999827723916069	0.999947406069843	0.999976676728232	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016563	0.993079671347835	0.997331739204554	0.98571912800496	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016564	0.996132366602076	0.999859690229137	0.998545331504631	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016566	0.87331935272939	0.96804115016135	0.989209732354765	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000016571	0.998158047150544	0.999839304457926	0.999477820992069	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016572	0.999885672048629	0.999979503126503	0.999995282609427	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016577	0.99993011335103	0.999988229115251	0.999997829894181	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016580	0.998835778273024	0.999059634601547	0.998876374481823	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016584	0.999457657559608	0.999957481293499	0.999880526027509	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016589	0.999966257138897	0.999999746975678	0.99997878544969	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016591	0.862132750220184	0.987029088998031	0.924910298030939	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016595	0.964209229634503	0.988833872301011	0.998304354732727	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016598	0.999541707394396	0.999856884276859	0.999984937060044	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016603	0.968751018332816	0.988172205865332	0.993315371911284	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016606	0.996555944930635	0.999361092001753	0.9947448487881	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016625	0.983469613872931	0.998984872278185	0.996396892892372	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016644	0.828692327198199	0.882651847898367	0.989293712178993	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016648	0.990471568723664	0.990221396530226	0.99229655139893	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016650	0.971650532269401	0.983257125409596	0.998136558820662	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000016658	0.988060620929409	0.999876983751675	0.98952193422956	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016661	0.969771326571498	0.979983822997127	0.915869547258303	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016663	0.99976663009198	0.999953100902987	0.999991676723873	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016664	0.993690934827855	0.999790255260346	0.997477923591583	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016666	0.999661791007479	0.999799013067394	0.999834696811846	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016667	0.998813229633652	0.987404260531056	0.986560674346931	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016676	0.972388511826511	0.99833727218697	0.999656287859371	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016683	0.904714299971259	0.990473035282218	0.872544737939518	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016685	0.814214762996061	0.899563286557126	0.990056540838331	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016691	0.326221459719081	0.878719925017981	0.846847304812694	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016742	0.700631376463176	0.915346488164857	0.916880143827679	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016818	0.998875903319167	0.99989802283933	0.999823025886431	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016819	0.930642700282814	0.827939594610894	0.886172343978575	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016822	0.997742148452364	0.999817661190117	0.9996562918487	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016823	0.860582792657091	0.949282910158064	0.989789538636932	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016824	0.999660084706336	0.99995742582075	0.999891629369404	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016826	0.989531777747705	0.978812322127679	0.959940460049871	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016827	0.999603226661699	0.999951404000633	0.999943787988336	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016828	0.999867786524172	0.999994767415681	0.999952842566742	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016836	0.996097336823791	0.999766893084771	0.99769809990177	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016848	0.978440209537144	0.999692489157862	0.987535768900905	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016851	0.999987116936643	0.999997567548962	0.999981025980721	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016881	0.692240541051259	0.877149869301217	0.960963480682715	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016883	0.999487935484154	0.999976509414375	0.999556175611816	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016890	0.992735322756274	0.995906081340286	0.999575230289131	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016895	0.99968665543415	0.999945150533475	0.999982862397717	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016908	0.996514597776832	0.998333616716907	0.999623599667038	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016910	0.982899820716072	0.988078633580439	0.963978611989386	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016939	0.999550168699247	0.999428217380586	0.999234703800304	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016944	0.998114577193995	0.998120086207321	0.998329745582666	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016948	0.984153520626042	0.866036989786002	0.894362271096885	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016952	0.999817890975515	0.99997964550086	0.999962556704269	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000016956	0.999541901477231	0.999950011201454	0.999973518981477	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000016958	0.99740793727323	0.999915826130388	0.998431519997356	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017021	0.998789167515008	0.998903383663666	0.999538123504833	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017024	0.969024395561394	0.934543342784329	0.878361245752813	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017027	0.995628676317274	0.995837643552253	0.997200536397211	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000017033	0.97999615632744	0.99814708009698	0.993306454278921	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017035	0.997981244734972	0.999825129475738	0.999794997950415	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017043	0.0170633574109021	0.127537972116776	0.774247635138142	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017124	0.999707006947695	0.994838981142056	0.989064638094553	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017125	0.984700920336783	0.996458125389628	0.999620159025129	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017128	0.999981038221284	0.999996678937559	0.999999112203842	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017129	0.999974131798128	0.999998314429948	0.999974398521387	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017133	0.711680276754656	0.844070094038047	0.955927309348641	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017135	0.892921017929681	0.937388208616191	0.999434789313856	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017137	0.999629354347392	0.999821773475196	0.99992750661016	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017138	0.999550546152164	0.906773659843823	0.903747857236917	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017139	0.999996836955296	0.999989912163751	0.99996414761131	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017140	0.995770957927104	0.999771185210464	0.996314018116026	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017141	0.98897296353247	0.995485120370732	0.999977634740438	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017143	0.988487371664109	0.999267578301393	0.997751958922453	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017147	0.999864984654341	0.999969914870135	0.999792197322011	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017151	0.997411860302794	0.997047626385681	0.992459339549717	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017155	0.978942734726137	0.961930829591318	0.914088356050726	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017160	0.979433844299998	0.999974089539673	0.983428478563654	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017161	0.998758879604755	0.999246235300711	0.999874437998268	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017162	0.617045375890159	0.775381961381689	0.873513012982424	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017164	0.999309627202912	0.999738959635151	0.999880340560582	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017165	0.759769521374901	0.893614358979766	0.93782611833918	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017167	0.406221457770502	0.749711768713028	0.880741512067644	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017175	0.999982909227691	0.999999149722006	0.99999268237125	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017177	0.998330196034609	0.999862263738975	0.99958705778208	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017179	0.999996573501986	0.999999252418188	0.999999810694187	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017181	0.81906920438328	0.963590943168774	0.997151400445507	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017183	0.990191924051268	0.999422351813175	0.987878753182905	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017184	0.993024545516058	0.998665241252808	0.999598585110548	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017187	0.947220807557014	0.980450684975389	0.988960679851009	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000017188	0.978647137007739	0.987034699430364	0.879651053420622	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017189	0.999571810231593	0.999649408461405	0.998767726281946	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017195	0.993201124364683	0.999845083568917	0.99412818210277	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017196	0.999486995198462	0.999966983786551	0.999903501385615	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017200	0.998644911924232	0.999877966020072	0.999705056711629	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017211	0.999912172764489	0.999985229676303	0.999985984362421	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017212	0.992430578832431	0.998719441302061	0.998880433451366	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017213	0.999894330188696	0.999999156644796	0.999941806042654	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017215	0.997463752189021	0.999924495358526	0.997126199324065	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017218	0.92758881050939	0.937198138257882	0.994904349925747	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017223	0.620112680454689	0.962498741000967	0.780908640768301	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017225	0.99925780683457	0.999604572250993	0.999926043518201	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017228	0.939756040905548	0.990244230525925	0.987294530015654	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017232	0.986341355675554	0.998656044080336	0.997219385198562	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017233	0.770653785122871	0.883790762069253	0.941882679640497	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017239	0.990449616292647	0.998686569265426	0.998858526226279	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017240	0.995703041341821	0.999481091607206	0.999051581165515	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017243	0.996695298114853	0.981303574613612	0.976952399243096	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017244	0.999935620731337	0.999992788373432	0.999994554563008	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017246	0.992401514644886	0.998268517643887	0.999524526396542	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017249	0.8314876945714	0.94978543029203	0.947732827828003	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017253	0.998465363767229	0.997775639574237	0.997422116874852	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017255	0.999690270173303	0.999216855080706	0.99853379244933	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017256	0.913481117771539	0.854131993289082	0.951446585276182	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017258	0.995612418022903	0.999943762276585	0.995091155343891	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017260	0.931478481997095	0.932044590491724	0.984524360352181	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017263	0.999615271686265	0.999739508567782	0.998057247078713	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017266	0.994455560844471	0.999501868583986	0.998341034565341	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017267	0.901254026423397	0.904222135748169	0.982971893703459	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017268	0.999705434707596	0.991681479588007	0.98731464623757	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017273	0.927335974780336	0.999612352741619	0.935380926632119	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017275	0.999739269856895	0.999959751884701	0.999664825333055	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000017279	0.99796408986201	0.999865508099933	0.999910449153465	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017280	0.460500646920454	0.212759305172594	0.949871855831538	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017281	0.993488753365578	0.995768885147373	0.997724137322537	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017283	0.999992246439137	0.999995864165167	0.999993631608577	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017287	0.985619450729833	0.995349295036889	0.977959101955197	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017313	0.492797722609025	0.509220078725949	0.996384171311894	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017333	0.826975718467297	0.741533205106037	0.92986646994497	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017335	0.958906297519693	0.971753809281848	0.925987861923519	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017338	0.864588159687927	0.689131090247093	0.874603171839707	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017339	0.990943318916655	0.999225467605325	0.997527585360049	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017346	0.44995146102905	0.748199899662354	0.970041041775152	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017354	0.980217093234655	0.998395966051436	0.995160410669805	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017360	0.999715080362563	0.999956158466478	0.999982028122605	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017362	0.99985876292914	0.999999136394585	0.999915049814406	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017363	0.975184495808145	0.989800426960479	0.999350346858562	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017365	0.998239217727114	0.99983730120451	0.999310783484124	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017367	0.999975287707735	0.999971585228813	0.999881996192417	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017368	0.994499663535396	0.999498638441655	0.999508997221663	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017369	0.792596057954087	0.870120423894763	0.948323655768108	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000017370	0.932385727642701	0.85748782316581	0.926853912412903	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017371	0.981043975938868	0.999394747784347	0.989313060575919	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017386	0.999727270783171	0.9999900615053	0.999788240419192	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017390	0.555750492613818	0.606825625786347	0.930678643369578	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017393	0.968763313856393	0.995828344375707	0.995470163900827	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017450	0.845205741313971	0.966830934902894	0.946202327926874	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017451	0.991510787144424	0.998362345623353	0.99988130872478	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017452	0.995752111526461	0.997423596290147	0.99887018795354	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017455	0.985956100369839	0.989340621414995	0.995860331515557	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017456	0.693447064297414	0.908621991226212	0.896337278043753	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017457	0.941687464769864	0.969070202554945	0.999071245149839	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017458	0.778848725445447	0.99448502264691	0.868111290487191	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017459	0.692644532736676	0.973243980888405	0.788403609790051	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017460	0.999188169429596	0.999569156838737	0.999783241430786	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017461	0.881785087252919	0.939663944210091	0.996180017497117	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017462	0.905150875353453	0.957354268847559	0.999756973149859	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017463	0.996808730761987	0.996512622489889	0.996860471514561	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017465	0.999914545973216	0.999983883856807	0.999998619277543	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017468	0.939776928245437	0.998541169024909	0.972133371329308	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017469	0.876516650473626	0.968094119997001	0.991060783248457	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017471	0.952824458879351	0.983106544558785	0.994035297039773	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017482	0.933099943937778	0.997879249044223	0.985826412645167	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017486	0.913006996501535	0.96437887634518	0.992154860049698	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017488	0.933500468681032	0.979799874042395	0.994969076715604	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017489	0.977423849721655	0.931501362325885	0.942995317543958	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017490	0.977204671324405	0.986713350298358	0.998434741588713	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017492	0.999903863496682	0.999984379902896	0.999995733457336	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017493	0.996084904270875	0.995316673935734	0.986428899992533	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017496	0.826995841372314	0.965296290773454	0.984176985434137	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017500	0.995249245001945	0.920737455572366	0.921308232792851	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017504	0.341112645653076	0.224205442524406	0.945765232997563	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017505	0.999820403610899	0.999779699511678	0.999102006051984	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017508	0.968256711548649	0.997935764915988	0.974185921332516	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017512	0.999837182013852	0.999767487705283	0.999792386808936	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017514	0.837937464572483	0.961358339669516	0.930880465451554	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017517	0.975415759698259	0.979723882266644	0.994303574091256	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017524	0.565700116376438	0.94126096309829	0.899452411102588	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017525	0.999945333457689	0.99999310270276	0.999983954024816	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000017527	0.824595738101477	0.91671339960624	0.996776240161359	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017528	0.406199795635383	0.796821687108723	0.774818944086599	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017529	0.990380062701403	0.901939137150603	0.913136070556932	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017530	0.999493568619937	0.999311986203165	0.999311507197279	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017537	0.903790156557183	0.945712523020987	0.992709773284918	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017540	0.837509877040857	0.950419794909858	0.973707937647147	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017542	0.953078837291615	0.980304901630903	0.993962661163407	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017543	0.996621009494197	0.998764367195185	0.99997119578303	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017549	0.958212795441284	0.995677962748794	0.985645400810161	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017550	0.999725625787964	0.999961886561961	0.999946392351411	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017551	0.99992426941477	0.999949971989376	0.999938148867155	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017554	0.995605304646489	0.998601071146144	0.993754669492906	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017557	0.998924599569843	0.998618407378255	0.998235538591794	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017560	0.990676835996802	0.995839941001336	0.99973272292733	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017565	0.999983423712831	0.999997523056726	0.999980409502689	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017566	0.898166054032939	0.989731801570261	0.931887817229916	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017569	0.999978619133901	0.999999240554947	0.999988937129769	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017571	0.438049220848446	0.780626824508363	0.912627294682581	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017582	0.96079597353312	0.990418703538345	0.984913182314711	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017584	0.999278634594063	0.999674859690394	0.999962234133149	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017592	0.976899473402536	0.984555032502045	0.996782106660667	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017594	0.981844759528522	0.977203457307121	0.996634594468979	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017595	0.736055159907532	0.922954041067194	0.892213388139518	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017597	0.999625552052299	0.999997079097801	0.999751926354796	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017599	0.862343379213799	0.987254591930798	0.898334709928932	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017604	0.998814147559766	0.99937795194241	0.999590051826293	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017656	0.995553584889469	0.997623780843225	0.999675989692994	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017665	0.999661102483473	0.999290403683205	0.999431007512125	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017666	0.980864672184242	0.974434063546386	0.989031679932789	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017676	0.996078454250106	0.98619705070067	0.99103268811435	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017682	0.852297599678536	0.966303901521243	0.977297713522496	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017683	0.98864145696246	0.995767819601291	0.999292115358689	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017685	0.999936325115752	0.999896080627722	0.999653213685381	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017767	0.589631642832827	0.877480915223113	0.840707604666257	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017769	0.998180468612178	0.999556456849358	0.997447082502889	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017770	0.999999761101477	0.999999327005021	0.99999769786259	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017771	0.999578902750384	0.999999280201978	0.999693727351434	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000017775	0.999585785648196	0.997018887336183	0.994197274314852	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017776	0.997525623367451	0.998999338519692	0.999755996819458	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017779	0.99302879574037	0.99844612901207	0.99975982897127	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017780	0.911924559231276	0.945033935065861	0.976095514421165	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017781	0.996293986013419	0.999443700837328	0.999190343717395	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017783	0.999143182919376	0.999969093584132	0.999541646381572	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017788	0.585338564754926	0.868825475776605	0.964150185279949	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017790	0.999819393829802	0.995885953591742	0.991709659279857	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017797	0.866942492293024	0.858237400961304	0.974790089424028	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017799	0.999880050269678	0.999978932832445	0.999989411637071	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017801	0.999899269817549	0.999990084344725	0.999969475833035	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017802	0.999410280636289	0.99814636713626	0.997427023582406	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017803	0.999989527152665	0.999998862525362	0.999998328765966	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017808	0.419291421632226	0.653481171157939	0.890884111542689	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017809	0.998787018117765	0.999754407166143	0.999920163327159	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017833	0.999897935428244	0.999985519352607	0.999987581873557	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017836	0.939491772714982	0.942343951201127	0.993385441128953	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017845	0.999906594676088	0.999946562506289	0.999935395860101	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017846	0.999600160467711	0.999984780787175	0.999648332478516	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017847	0.996197233621647	0.999938903496733	0.997486623535377	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017851	0.997523447491216	0.999963899536026	0.999893633919145	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017855	0.995023073026364	0.996211423504896	0.997507615239635	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017856	0.977409008628563	0.999626088471765	0.997011501921708	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017860	0.958285030115091	0.999096142164711	0.973759913562472	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017863	0.999298334499977	0.987715535071637	0.982767834876436	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017866	0.989980495203866	0.999719221499195	0.994407184179558	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000017867	0.789590144430412	0.995850093713489	0.966947583367687	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017872	0.998733155845246	0.999512920216627	0.99743702610807	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017882	0.177180867169132	0.624658541243125	0.419572960017199	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017901	0.993351530228219	0.998357004929575	0.998601376036911	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000017942	0.999836429379696	0.999997904351687	0.999874471661515	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000017945	0.966154110444944	0.989349336553115	0.997981278467521	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000017951	0.99451401900758	0.923451404144164	0.89222456509714	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000017955	0.952045330069856	0.959053676320776	0.989997684997281	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000017956	0.800173533825441	0.993713726755226	0.877496756365806	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000017957	0.98642330677196	0.99677072083568	0.999317150252036	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000017958	0.967817067770538	0.998138406911634	0.988366918108657	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000017967	0.99318089949037	0.999723363778056	0.998736851203771	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000017970	0.998742902603148	0.998135991449946	0.998471516440784	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000017976	0.985240194957785	0.998438393667731	0.994871414389922	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000017983	0.986762006180357	0.997107354098597	0.996142228445823	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000017994	0.913616694244851	0.99987422208842	0.917775702072044	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000018000	0.999691196922375	0.999959982035592	0.999973860040654	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000018002	0.99819039313506	0.99977702257015	0.999485172504949	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000018003	0.99892365944698	0.992265404788391	0.985274719760798	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000018007	0.993913651650622	0.998920175370011	0.999468020689266	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000018013	0.893840654694812	0.982787095481868	0.986886096325424	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000018016	0.641554227285906	0.721516911851803	0.988572034968366	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000018031	0.933477337769841	0.991047395149238	0.958430750201906	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000018033	0.955727302567226	0.996068283666044	0.980555881657383	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000018036	0.999901174431085	0.999989669165065	0.999979767982362	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000018088	0.808776012887598	0.978627977944129	0.853609053361979	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018090	0.922437716162516	0.965566943960356	0.991922513074478	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018093	0.805783045375476	0.877725041165307	0.988306841873296	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018094	0.990780016852663	0.990934410927687	0.99871398885215	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018097	0.999996147327572	0.999974994361105	0.999931028223976	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018098	0.427160081512815	0.56139711321033	0.807726855786928	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018101	0.994797381457548	0.999741685969806	0.999731078052069	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018103	0.999985390319068	0.999994275499859	0.999993888347778	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018105	0.991708933322734	0.99851622006301	0.989637221697755	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018115	0.993506747046636	0.997813232168764	0.999978431458661	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018119	0.579828309289379	0.779293807592228	0.873670863945466	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018123	0.80529774412938	0.961168372505155	0.993032989225352	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018125	0.930674025043832	0.900552819461373	0.967525679453546	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018127	0.999698454060152	0.999437397620539	0.999583125063676	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018131	0.99971722583558	0.999934863562892	0.999999989141151	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018138	0.888622186263188	0.969479934948119	0.720865875606345	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018142	0.927421216817026	0.999033532221746	0.933125348175382	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018146	0.889485337507099	0.937541313137794	0.974889121228433	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018151	0.999189349641498	0.99981373222494	0.999964817148765	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018159	0.999240828106566	0.999863795302144	0.998629767486593	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018164	0.980386135810198	0.998048194638218	0.980220423948156	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018165	0.80798202823044	0.977970577081303	0.779521402197149	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018167	0.965858600842436	0.985423023222353	0.998921647693855	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018169	0.805662552336339	0.892123928359515	0.989576226874558	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018185	0.95386601980557	0.999292677125862	0.98091253734515	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018188	0.973799957332503	0.965552623131751	0.994697409821541	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018192	0.987688432591443	0.998296799601019	0.996326206439333	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018196	0.999995696507758	0.999999577243683	0.999998698712917	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018205	0.999713489274836	0.999990377990521	0.999705442990894	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018207	0.999982283853257	0.999998567720373	0.999995178845308	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018216	0.881482412322135	0.997079026121379	0.926326016485294	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018225	0.99478260131641	0.999269377412188	0.999829832257924	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018227	0.977697043846398	0.978838881633936	0.992068939620937	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018238	0.999775451284618	0.999860156682914	0.999258395618141	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018239	0.999787955074792	0.998623794506213	0.998021859750356	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018279	0.999054639278595	0.99995448167963	0.999560807729634	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018385	0.999956373924141	0.999982965856998	0.999987698685771	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018386	0.992766545546215	0.999087126194168	0.997615281049493	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018387	0.985439426094685	0.994233251382832	0.999726652406456	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018390	0.901110976633395	0.90502260687159	0.987203832225281	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018394	0.893222625402056	0.931071408970365	0.978736784174098	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018395	0.997705867737675	0.997167049542016	0.999475074600242	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018398	0.934003766283949	0.999140006086511	0.940962409963475	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018400	0.999879817942374	0.999993022729239	0.999960440705938	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018401	0.990203354451615	0.999486129473454	0.996618954399303	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018402	0.976886755670982	0.999824956562006	0.989543926359184	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018403	0.84029020582504	0.812005581544802	0.958028182117783	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018417	0.98610850740532	0.996067954682057	0.99930051646028	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018419	0.997721438454316	0.999676274718993	0.999227196970734	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018426	0.984721887058314	0.996863711976069	0.996766109194661	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018431	0.917621750791807	0.949619778552853	0.997145090160957	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018437	0.984364609155036	0.997502314895216	0.998111600464796	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018446	0.877458194131815	0.95854637434907	0.922734282787689	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018455	0.997276325793163	0.999639943333555	0.99962460528736	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018469	0.965838579821547	0.974624170486161	0.99737811489902	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018471	0.999779172842168	0.999980753546349	0.999779110721619	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018474	0.903208938922024	0.958737720434058	0.992095349044982	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018478	0.999974679061521	0.999994701817299	0.999999286061661	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018488	0.997344951931436	0.997146303841322	0.997583638292734	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018496	0.997096861806587	0.996331896704137	0.998092162822274	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018501	0.999977179423678	0.999971555152846	0.999951679329065	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018694	0.927452525739807	0.987772806483804	0.997542085910297	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018697	0.999992207122677	0.999996460977458	0.99999466925738	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018699	0.99999254649585	0.999999972979501	0.999994855444168	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018704	0.99606810343233	0.999185509237358	0.99932862153672	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018705	0.573397328384165	0.948111064127816	0.899318293745524	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018706	0.987483170449008	0.959108410223251	0.98540365970605	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018707	0.995143070616253	0.999090180348447	0.999386018458596	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018710	0.999472383279307	0.999936666641257	0.99993039628443	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018711	0.999917428409664	0.999971443288211	0.99985024352797	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018715	0.995476817246802	0.996003593508249	0.997135283657358	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018717	0.998929765094456	0.999969979079519	0.999942388442041	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018722	0.996075562935545	0.997280222650269	0.999097133953812	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018723	0.994027435428424	0.995367564831268	0.97699028557364	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018724	0.990204901978451	0.958886732565307	0.942674218505844	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018725	0.999953492268075	0.99999670530651	0.999940422465895	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018729	0.994346139071022	0.998989639091506	0.999647814846189	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018730	0.992737577676482	0.999475188475145	0.99928211901194	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018732	0.999906818591082	0.999993089936007	0.999903034197442	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018742	0.998014914571736	0.999660929263857	0.999924450494472	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000018743	0.996271471240534	0.999273953551287	0.999818232462816	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018744	0.920771115567302	0.956972508386878	0.995404057465863	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018745	0.999990245774455	0.999998292975823	0.999999236414038	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018747	0.988302822371934	0.999626173122347	0.989313777073447	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018749	0.989831290895124	0.999258275188024	0.996445336566293	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018752	0.999995903821091	0.999997879519284	0.99999614455405	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018772	0.928820558025494	0.991156023908219	0.894485407108052	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018774	0.786125376514977	0.935027121327506	0.944225444778381	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018775	0.920271013496383	0.92363850041614	0.996925370134168	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018777	0.980155599433173	0.977624696603248	0.991740879056711	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018783	0.998699139973958	0.999939233995213	0.999848739498487	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018784	0.996612547362651	0.999533375152866	0.99977117377479	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018785	0.939877458357856	0.938000629895466	0.983937877972936	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018796	0.726622389912507	0.947769092952743	0.993449607504801	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018800	0.999962519538444	0.999999492533666	0.999974421601347	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018805	0.987543537673976	0.995684495860434	0.998763629928975	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018806	0.994524593781614	0.560594982498887	0.512532426693047	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018807	0.992477033733582	0.998460602017823	0.997521215586662	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018808	0.889795766227674	0.977667813744432	0.976028797728467	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018809	0.98200832896973	0.991020583990309	0.999475049420439	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018810	0.291414923584715	0.461061865175032	0.816964829278373	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018812	0.999834241751734	0.999994832418937	0.999927779299659	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018813	0.843787056196912	0.978315580185567	0.982201366122748	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018838	0.996408913015672	0.991054123905124	0.988176418747715	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018841	0.828381808557537	0.978386979871392	0.946468487943541	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000018984	0.862977134746776	0.896177026745695	0.993676561730711	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018986	0.999656877828545	0.99998651355478	0.999707608831448	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018987	0.8502562094333	0.967117225136658	0.961333491016359	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018991	0.921203854654021	0.888016564581816	0.965944061631418	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018993	0.884861639181225	0.940262164999367	0.984625788339876	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018994	0.958692967253913	0.997703676372793	0.972536732609936	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018996	0.99805847655718	0.999944617175932	0.998301424119227	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000018999	0.998543038224226	0.999961118779748	0.999825556365096	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019001	0.942519976641253	0.999717491944734	0.948504203148995	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019002	0.798978323976614	0.990062363444766	0.905847111304989	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019006	0.99717762828623	0.99968670865506	0.99944394593267	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019013	0.999424002828092	0.999802134568178	0.998898218449192	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019014	0.781467955927718	0.999561980687915	0.841383582773746	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019017	0.996709490548736	0.99895687352294	0.999686050002199	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019020	0.999825973185649	0.999972836528502	0.999980787769379	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019026	0.995441961345964	0.997656333880368	0.990042691721894	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019027	0.971258030032508	0.974950558052044	0.99387191036072	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019033	0.297290187737474	0.496295821863569	0.978560565075236	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019036	0.859073695682591	0.977011283737009	0.9783486146038	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019039	0.998989538718928	0.999649053928216	0.99703452697132	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019040	0.998601433250598	0.999942038409628	0.999507071150515	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019043	0.999994838073797	0.999997650440553	0.999996566881681	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019044	0.993654998091454	0.983090374092282	0.983539645685479	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000019049	0.774536114441321	0.925612288065744	0.913476945040315	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019052	0.936965839459174	0.996194812535166	0.96304382528852	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019054	0.996426613556636	0.999926457072905	0.99813269251869	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019060	0.863892380267935	0.704123205287414	0.899278890794292	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019061	0.783784676642319	0.912472969980063	0.992387096033855	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019062	0.982035255902359	0.997142022952644	0.998578214575841	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019065	0.927224177485572	0.97749056946237	0.999330655884634	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019067	0.862817426156258	0.996567999505675	0.901984803695682	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019070	0.964008217431896	0.92436243832538	0.969946845891739	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019071	0.995937687677285	0.999632229126087	0.999857144224023	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019075	0.988357122419127	0.989332304518277	0.997828561330726	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019076	0.895087908404561	0.327815632930575	0.280991207125786	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019077	0.999225719593594	0.999724475318167	0.999929211585736	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019082	0.999184297664553	0.99983919529532	0.998944327975012	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019090	0.672263321248894	0.968691580978755	0.929973527951626	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019091	0.999749595435538	0.999699159922695	0.999699732623569	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019093	0.981998771504622	0.999963555656382	0.987299745577675	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019094	0.9674706270897	0.999409249304776	0.989547133381958	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019096	0.920552891324252	0.961521247718489	0.995706314805417	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019099	0.997938516949641	0.999901196836072	0.999832469162402	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019104	0.990724602448248	0.99959301854696	0.997454736441034	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019110	0.976606201137079	0.999353764044951	0.96714042053182	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019116	0.999798914198565	0.999969512718221	0.999982312006051	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000019119	0.998125057250823	0.999378202561623	0.999978367858529	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019120	0.992854990258892	0.989966371904138	0.948108029288368	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019121	0.957822267058247	0.992669143794699	0.989359241095007	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019180	0.999248010195239	0.999947371481553	0.999728402056397	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019187	0.996820932768489	0.999847906820454	0.996722050492499	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019193	0.999875003044833	0.999971341281397	0.999997416157514	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019271	0.999988732287464	0.999999879562365	0.999993342167229	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019272	0.99082818809368	0.993179093905584	0.996726977492466	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019274	0.999609200676417	0.999782897263848	0.999970070557907	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019275	0.994437920939656	0.999032776909812	0.98944280138134	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019278	0.969601000381335	0.99935647664905	0.976803166599869	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019279	0.999978257783419	0.99998807688431	0.999980432887957	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019280	0.827181563525629	0.983277084676006	0.80831453485739	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019281	0.999762868076876	0.999466337538723	0.999393554609382	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019283	0.958806749057699	0.988550589199246	0.989495828960565	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019289	0.998773213494444	0.999959882121328	0.998973198039216	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019290	0.996968152792751	0.992484294114495	0.995675008877051	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019291	0.991304177596524	0.954444001621895	0.9515998914703	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019293	0.728554200737311	0.602790167863264	0.929994747075011	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019294	0.988378530300907	0.993881542659555	0.998762693383171	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019295	0.95138540183018	0.962546919283054	0.992130992352997	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019297	0.951331965381497	0.994378672474659	0.979357046353731	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019298	0.968180144210161	0.995767447536678	0.996891503802083	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019299	0.992248326560119	0.999189839823785	0.998271903575418	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019300	0.996231447667805	0.999884482150596	0.9988692269012	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019302	0.747147816123394	0.978193870751523	0.872749359700843	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019303	0.982824755266236	0.995165525959667	0.998098483819075	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019305	0.991017746534249	0.995052324125317	0.998913513699488	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019309	0.574131426761909	0.781341482757167	0.906039154660857	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019310	0.999589341105793	0.99968658802571	0.999752308524156	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019312	0.999912259120391	0.999979112762515	0.999870716761014	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019313	0.893980761640651	0.982098442854126	0.98553741079511	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019314	0.993042219602746	0.995260754488981	0.999210996522428	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019315	0.993600864219519	0.999837750834621	0.996857468626687	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019317	0.995845810613337	0.999375471286159	0.999755860217894	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019322	0.718986936694417	0.811135873417653	0.969880094386034	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019325	0.987426068780603	0.997847851571351	0.998578042056531	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019329	0.995291988845526	0.999333096933597	0.999641040035195	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019332	0.684258944602395	0.520826762486857	0.892093956613068	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019334	0.993526480653038	0.999548414929845	0.999436393128197	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000019338	0.866998961846664	0.987163390596432	0.963857938556928	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019340	0.979901126207481	0.999855626447878	0.983421764662554	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019341	0.999996437385657	0.99999312575399	0.999981488849632	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019342	0.726678542171433	0.907157848173778	0.968245462819772	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019345	0.998553159732755	0.999968862010477	0.998751508166721	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019347	0.533757905400208	0.764154878376406	0.859080795647664	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019349	0.993624375153223	0.999563746142835	0.996762914690303	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019350	0.957828055694546	0.995224580926722	0.970527733851651	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019353	0.998340391074639	0.99960696943371	0.999930523575705	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019354	0.855559536212603	0.714285575448113	0.880572749524038	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019357	0.973450766167085	0.998198921547159	0.995693993079367	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019358	0.999313336633343	0.999987808565074	0.999587639024229	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019362	0.996414405080103	0.999983140384351	0.997208662696641	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019365	0.999981556831525	0.999997728860162	0.999995770622112	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019368	0.999734357163011	0.99994962186897	0.999989531857171	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019369	0.996625103175522	0.999180854332396	0.99943773141754	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019370	0.909501983862233	0.939607776516235	0.999855789865371	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019371	0.820421109563909	0.819579670846582	0.647184336908466	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019373	0.892960516784151	0.945310150211465	0.999265944918916	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019375	0.839089165509096	0.986274539508147	0.953908677431895	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019376	0.916630930876296	0.990969068430348	0.993128816044428	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019378	0.921998820514726	0.967507502918427	0.994456401000614	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019379	0.336864144875687	0.28446935846115	0.999093874245872	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019382	0.991293922502861	0.999004692380547	0.989428412086263	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019385	0.720096318286416	0.97094190536068	0.750680140322988	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019386	0.998179912725331	0.99973186271487	0.999878033273502	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019387	0.998436835657815	0.999878955214951	0.999551676559304	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019394	0.940534070876387	0.99817425349861	0.995003348049218	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019399	0.980450344887759	0.982253281508243	0.99127484062861	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019402	0.997773585638032	0.841206924992407	0.823330197946678	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019403	0.990744924218917	0.998054904027687	0.998310845866167	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019410	0.998951727637071	0.998654210715021	0.998946582390514	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000019421	0.865954873494978	0.985018219607158	0.967880948444336	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019432	0.998984597101945	0.998176555483515	0.997422462679536	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019437	0.992636836898192	0.990338068081752	0.97094838242917	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019441	0.999821302713808	0.999998226211193	0.999848323728239	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019446	0.994962892551797	0.999687179762492	0.999479816631	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019451	0.999828962176106	0.999422877389993	0.99885025305496	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019453	0.405819486148677	0.76346786707705	0.719343152412902	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019454	0.995228817245276	0.994498184388152	0.996423877132686	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019455	0.61107125997495	0.693713067535605	0.97354559148381	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019456	0.929744418795874	0.995227753521256	0.985923654997294	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019458	0.999959955197079	0.999987406544256	0.999938298109625	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019459	0.867168252647524	0.994879149651464	0.981559858711854	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019461	0.957181198595376	0.98321907567539	0.991192101694601	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019462	0.986866646367116	0.997534065441949	0.997960619045716	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019463	0.995922908873	0.998863220750414	0.999974220798971	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019465	0.999877328201953	0.999964906357784	0.999995532294323	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019470	0.999978866961709	0.99999979399057	0.999987271610872	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019486	0.976521564343268	0.992919498530921	0.994455961583695	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019488	0.893520171895726	0.924988644553476	0.999885563520542	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019492	0.99609083532335	0.998132769663684	0.999663289153477	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000019495	0.999116791317366	0.999949354282232	0.999691138783317	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019542	0.9892790525022	0.992037022065228	0.99898644145981	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019543	0.970584787797448	0.997516154029906	0.998781347073939	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019545	0.792875274760227	0.932512267073375	0.989285479324708	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019550	0.995463949164947	0.997382963675927	0.990567873808686	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019552	0.99567324622556	0.999286942668655	0.999172828243355	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019554	0.730698831792559	0.8466506201514	0.978743853364745	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000019555	0.979794568615694	0.986882824689644	0.998216097456685	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019556	0.998513202949016	0.999965561276091	0.999442848163967	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019563	0.752185626713629	0.916225664793317	0.927999237762422	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019564	0.999997532318385	0.999998546010827	0.999996701481862	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019565	0.999535555694219	0.999994765833699	0.999528532119223	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019567	0.896438184548447	0.889315689021652	0.974735782955943	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019568	0.999748020077132	0.999968691019267	0.9999657985977	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019569	0.99966542710981	0.999977714830659	0.999664799578057	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019574	0.799038369640113	0.990144295231909	0.96321424752086	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019577	0.97021142334298	0.923513348063178	0.942313095810885	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019581	0.984879969016729	0.99996677949139	0.99918761629584	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019585	0.998154483984551	0.999858148670513	0.999010928425706	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019587	0.602428114351486	0.405580302518442	0.828513849365356	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019588	0.986760811034718	0.984718654328352	0.990614853454189	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019589	0.987915009186067	0.999590959254993	0.992250398516743	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019592	0.998805329395451	0.999984171033421	0.999190320185477	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019593	0.999517346816247	0.999973897278032	0.999362121124732	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019595	0.999257883002462	0.99946976137829	0.999708801020781	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019596	0.998581505035149	0.997747424528352	0.998155789535188	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019603	0.890341194570313	0.990319476509087	0.913710779555264	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019604	0.999411171971809	0.999994277668684	0.999628433259824	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019605	0.973430585611034	0.994333752942117	0.991619606282222	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019606	0.99937297307441	0.998696613084719	0.998061866016429	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019608	0.999766816067143	0.999991116054567	0.999942077377919	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019611	0.995505689506897	0.999278899928112	0.999474953760651	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019612	0.928478764247864	0.977335697654508	0.995179029380845	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019614	0.999839860012119	0.999408116238474	0.99910234648498	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019615	0.999370390430339	0.999982936050359	0.999652719304475	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019617	0.881531635681124	0.972653627804114	0.84618958786427	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019621	0.999952933324987	0.99998234932901	0.999912079530451	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019623	0.733528396816426	0.999751821016225	0.746955286395711	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019625	0.987442581629008	0.998571537124693	0.994102120433915	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019627	0.312794630104651	0.5028737068753	0.84971333726241	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019633	0.980469288450506	0.973313748042068	0.986227601700721	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019634	0.969908730405397	0.990351425655103	0.98451558009273	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019636	0.402378980090531	0.819980490717365	0.926549317098468	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000019639	0.996709991944471	0.997424942488643	0.998785755279263	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019644	0.998956651029104	0.999970610476886	0.999918638258004	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019645	0.999956822216675	0.999974282059505	0.999980434041178	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019646	0.999914738121759	0.999995022844771	0.999963204058951	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019648	0.999219128526217	0.999935262501784	0.999947465749973	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019651	0.994343588632855	0.999175515712717	0.988493947348572	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019652	0.998397247316442	0.99849486693019	0.998434480902399	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019658	0.714291999863418	0.946574363127065	0.988458308971788	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019660	0.999996015469682	0.999999676024267	0.999996620504671	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019662	0.999936028073029	0.999915237692457	0.999855756249758	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019663	0.997918110643456	0.99885548211062	0.999810507577284	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019665	0.780160875283908	0.735772803345191	0.950058188914619	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019667	0.99606210557762	0.998889563798929	0.999923044572989	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019669	0.152349378969975	0.186213288493881	0.962405168893056	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019672	0.988858483078102	0.999538154074209	0.999320143820951	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019674	0.970878728838202	0.996787888994465	0.998072412144463	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019675	0.993894145848421	0.998652070583427	0.999533784572128	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019678	0.90228341266277	0.984743186081844	0.965582203389203	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019680	0.99790354811281	0.999520749577319	0.999692980605117	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019682	0.999992633113208	0.99999983419351	0.999994941621539	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019685	0.998264892457676	0.999369122033751	0.999834310321158	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019686	0.530393461292566	0.682666638232235	0.97020532239725	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019687	0.997364119778619	0.999020957920021	0.999870713721626	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019689	0.956351430795409	0.99468699180658	0.971989078538317	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019692	0.995506058475287	0.999949512697246	0.999517578312463	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019694	0.948871679843691	0.958750404806716	0.796196938903796	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019695	0.999987165751849	0.999986893287765	0.999939610019173	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019696	0.987014074507626	0.999531416298522	0.994484985450231	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019697	0.999122276942303	0.999931112252096	0.999939669430294	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019700	0.898760255747485	0.978343236654574	0.983564436819696	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019703	0.999793802975839	0.999989161660536	0.999931591438735	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019704	0.975636212888642	0.998772699006911	0.996174937374896	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019707	0.999389601144076	0.999698561985674	0.999837434931634	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019708	0.607564294897489	0.865912517737512	0.984992861215408	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019711	0.852257683563777	0.976505047301373	0.907148837374507	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019714	0.99987676590731	0.999917895508196	0.99991021466475	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000019718	0.996074941137903	0.99895279577411	0.999957527985262	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019721	0.995551634817922	0.997769206779524	0.992248479282438	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019723	0.998614371143155	0.998812120967313	0.995713929273793	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019725	0.999970990924376	0.999951122847555	0.999877086734935	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019729	0.981722830235144	0.996956751747271	0.997134804965674	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019730	0.999235160842526	0.999775906148606	0.999962956254277	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019733	0.993783533199594	0.999700765363888	0.996559316155875	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019734	0.767268878826564	0.972551353358834	0.914515595824064	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019735	0.999847296405331	0.999970642237922	0.999820477901966	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019738	0.995962687376316	0.999639157463087	0.995957048673886	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019741	0.219809859293423	0.405997395420638	0.845887960583293	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019742	0.999758792143889	0.999964825948439	0.99996121358719	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019743	0.995369427615074	0.999768647510878	0.996068706146989	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019745	0.996371440122264	0.999996464233099	0.99742123490675	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019746	0.99995125791896	0.999998261763523	0.999973245740534	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019748	0.999732855555182	0.999992920448729	0.999872226424095	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019750	0.907745605130532	0.993157146328355	0.982909036938996	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019754	0.944284795743949	0.985421961438685	0.989378646368938	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019755	0.736846041847847	0.943580569948851	0.99083877081041	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019757	0.9998916855818	0.999988823809117	0.999974648898627	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019759	0.999639059675552	0.999680989611955	0.998687284192618	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019761	0.998921126935238	0.999356875184614	0.998083696039436	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019767	0.994722224128565	0.999650495766915	0.998323705513226	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019771	0.998836484616077	0.999546874216094	0.999911062280488	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019772	0.784654158131701	0.835194590785479	0.968118418968809	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019777	0.835625719982996	0.720937034264719	0.901370534677236	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019780	0.998160249380066	0.999528134826664	0.999936737129157	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019781	0.999976664645962	0.999995648080876	0.999963861875626	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019784	0.999618999255346	0.999961719873445	0.999854938389691	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019787	0.99219166183476	0.990467872948468	0.994522960496933	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019788	0.999731430628721	0.999990511511993	0.999866728090312	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019790	0.475811472110387	0.905026816685974	0.799213503358768	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019792	0.790332231139844	0.778150724737089	0.976508461995184	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019794	0.999770992014709	0.999995496643054	0.999940709156129	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019796	0.776097459571449	0.969021999812362	0.80289809036102	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000019798	0.840183023379024	0.925126746149908	0.921558042757388	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019801	0.885189233608956	0.974700170933185	0.922533100149211	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019803	0.959057449566719	0.996582154290852	0.998968353962078	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019804	0.954533164643809	0.973696484013396	0.999638935799162	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019805	0.999948412763472	0.999720072686872	0.999384882525234	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019806	0.999535488033874	0.999994769942856	0.999738265216333	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019807	0.961479819167883	0.983147389260818	0.99919502328452	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019808	0.94340147356999	0.677500019560846	0.799214584917338	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019810	0.994742971893518	0.999050147398341	0.999635100886666	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019814	0.975861138193292	0.970314727455513	0.984245325740127	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019818	0.999443356275047	0.999623720331837	0.999561090571082	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019819	0.964634994744801	0.99471231725917	0.990794388509023	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019821	0.999538714717965	0.999961718087244	0.999930957819743	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019822	0.997253355470378	0.992483015560044	0.982181298130736	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019836	0.999476055941186	0.999836040060369	0.999987679497546	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019838	0.998850078339558	0.999749076247684	0.999970194461281	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019839	0.959394396633898	0.989433727784875	0.994117681252882	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019843	0.999944941267162	0.999998936846934	0.999968951558932	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019844	0.9444440478644431	0.999209684639742	0.949490387618323	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019845	0.999966504518169	0.999999243433979	0.999975103074391	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019846	0.998128272172466	0.999979571758469	0.999422923829197	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019847	0.997268191611888	0.999243662406315	0.995355982412093	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019851	0.999692498834995	0.999958912217429	0.999972777074249	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019852	0.959461073328771	0.986016173610352	0.997277050161559	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019853	0.907400609679275	0.991577635104808	0.996548452595613	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019854	0.999943030627078	0.999994662077001	0.999981695747265	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019857	0.999833807559504	0.999996915455635	0.99990273676721	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019859	0.955831567322157	0.865250709249986	0.959579859872967	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019864	0.967278670374274	0.996803896310092	0.953658587025639	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000019866	0.997181771314255	0.999789221153865	0.999618374080566	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019867	0.996762490283421	0.99758748352303	0.998530619458632	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019868	0.999950632290594	0.999806216119685	0.999615684315543	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019869	0.9997662258023	0.999941978873331	0.999997551871605	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019871	0.998817052448568	0.999736944859959	0.998052078019633	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019872	0.875930961924639	0.980077263145902	0.959582917204879	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019877	0.979367055736694	0.994223610107631	0.998143538655147	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019883	0.999948274777308	0.999999787307872	0.999962456770995	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019885	0.915672655272636	0.938202900218908	0.997243951187539	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019886	0.980270032563727	0.998348196085516	0.994805140464235	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019887	0.997225599118701	0.998411041575268	0.999149411058399	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019892	0.569896467046325	0.852920710618507	0.941456650068569	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019895	0.998629329993022	0.999271370703722	0.9995725022454	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019900	0.682764352964882	0.895916374528931	0.961354485345248	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019901	0.884693133711457	0.988258040076741	0.795959076499525	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019903	0.998959859599831	0.998973532728981	0.998874760862074	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019908	0.999903990298496	0.99999476268932	0.999985794855442	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019909	0.9783296414378	0.997090394320637	0.992711306999434	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019913	0.999458165560616	0.999253551973905	0.999342864999243	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019914	0.999999844663698	0.999999130921163	0.999996883527987	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019915	0.659205555321608	0.894364305627459	0.935541025701958	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019916	0.904380685448489	0.97831983776531	0.964773132595313	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019918	0.999918774038299	0.999985651040099	0.999995911560435	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019924	0.747443189590072	0.96030568087624	0.97695777861596	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019929	0.746529813294726	0.917843442049656	0.962749528125781	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019930	0.996278643346418	0.999283050913918	0.999826106437428	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019939	0.553263909394229	0.844006658046985	0.879392149907225	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019942	0.927579077709334	0.86989776875087	0.723676326645344	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019944	0.998791277331638	0.999950221111071	0.998647583966306	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019948	0.999446737181335	0.999809346778688	0.999965018049138	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019952	0.999989358279197	0.999987709477218	0.99994604151795	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019953	0.909157164533556	0.992996388498724	0.948623990086929	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019954	0.816195300440526	0.848151224019768	0.99865158110646	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019964	0.997683497437278	0.998245582147617	0.999159231627256	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019966	0.990911244036885	0.999661673108412	0.991391057284933	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019967	0.999237577829655	0.99987786360046	0.999877535145179	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019971	0.999732303037076	0.999988379299684	0.999944069165825	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019972	0.982168981371099	0.994194164867954	0.999278927674997	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000019983	0.987356098190966	0.997592624533554	0.998600173257243	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000019984	0.980400168049463	0.999121037734322	0.995266309512631	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020001	0.571625466345632	0.76307097164638	0.899508508524553	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020028	0.999887647777997	0.997424384425959	0.995548712031815	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020030	0.993031608333576	0.998426048806831	0.98440368691353	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020031	0.900634483538926	0.969333338894522	0.994341320907813	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020034	0.932399257181519	0.999335616736735	0.941275306909691	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020035	0.699596720881036	0.948467550131288	0.794349089176141	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020037	0.997281555223298	0.985349826256401	0.98977169326024	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020041	0.916798253990985	0.992705896788472	0.995040373195079	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020042	0.974116854795583	0.998878983245305	0.996708080695998	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020043	0.999988802678859	0.999994141098558	0.999991701729903	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020055	0.999993269787779	0.999942279597278	0.999852328579785	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020056	0.0935311391804	0.349047883491917	0.656491712206763	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020060	0.92646474826162	0.969465385167434	0.811153616091147	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020070	0.872552586459937	0.957497308809457	0.997191755325402	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020073	0.862237308298996	0.915027196194635	0.981126248043105	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020082	0.775295303453494	0.911637693128883	0.969328623884261	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020105	0.979123510950475	0.95844436800078	0.985727011046952	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020109	0.9963243804054	0.998164822551076	0.999245610360993	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020116	0.997573155467833	0.920005097280069	0.897555573483919	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020117	0.999999761991135	0.999996673350775	0.999988467805789	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020126	0.998041004970241	0.997809608609096	0.999451639667856	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020130	0.998959114298504	0.999886150038389	0.9997920276939	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020136	0.99526159585686	0.9990340879263	0.999797606355694	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020139	0.999854541426182	0.999978669189418	0.999983887985028	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020141	0.449497207289137	0.447338320078715	0.9991367716941	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020142	0.989410075572759	0.998141813069284	0.997902522069265	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020143	0.991609417625155	0.999246078982074	0.99792068737378	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020144	0.102545491140066	0.320545899406306	0.819738506816793	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020147	0.999559797175437	0.996430983123718	0.994996914305862	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020148	0.999594570382661	0.999491581913382	0.999159913500211	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020149	0.992828441829251	0.999852246964697	0.999323785676382	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020152	0.991564205467619	0.997891962351782	0.99960756172381	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020153	0.99829669857655	0.999969812185476	0.999538279162306	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020154	0.999431225595221	0.999868964096446	0.999998724160134	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020159	0.962664841439752	0.969264244235017	0.991650399058005	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020160	0.993832662616128	0.999910111877876	0.995249575951872	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020161	0.999426388878367	0.999988319449868	0.999837687350772	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020164	0.999981082654101	0.999994273722952	0.999965703493012	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020166	0.999701094510982	0.998841690433834	0.998043027161566	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020169	0.999995990258398	0.999991295679633	0.999978859506918	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000020172	0.855361548799803	0.847228532567969	0.97388480349907	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020173	0.953322278245809	0.973081426186661	0.999776018293155	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020174	0.997531753661541	0.999512257385059	0.999894657017957	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020175	0.999028529114702	0.999957921970547	0.999847239100268	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020177	0.995609408878704	0.995340794398756	0.987725802396262	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020178	0.904328950430031	0.963111783812237	0.986078411784386	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020179	0.997552594295676	0.999973333947115	0.998400188968427	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020180	0.99754479884756	0.999753655990327	0.999664711407383	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020185	0.842455840259067	0.918330332612082	0.96206084225648	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020186	0.999463768262675	0.999921475139613	0.999394255782752	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020192	0.999970412649685	0.999998307217259	0.999965377445618	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020193	0.99357701295272	0.999656175360147	0.995742060247464	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020198	0.994434706287735	0.993255012896479	0.994470674952048	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020199	0.970699588309791	0.998167757549138	0.986733687371802	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020205	0.994426896965215	0.999682595803547	0.997652279350261	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020209	0.952948630079533	0.866932185783734	0.910332421169622	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020212	0.999975455657135	0.999998251041442	0.999977645976857	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020213	0.953265093138032	0.917836258715567	0.824627993975301	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020214	0.94161592540365	0.974507378280121	0.995175528620849	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020215	0.999965014861805	0.999981181131488	0.999973821706627	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020218	0.996695887155987	0.999764109944748	0.99913589038527	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020219	0.926152415486416	0.923439036077897	0.992318269819701	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020221	0.644167517329391	0.893106586770387	0.909039635634258	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020223	0.829527192134656	0.973514568288901	0.97899167348807	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020226	0.99540351017692	0.998442423503592	0.99998381278735	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020232	0.999930041516463	0.999995908125267	0.999969643185096	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020233	0.961879240684983	0.994846788889561	0.992074304652826	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020237	0.999618186987247	0.999979519541239	0.999588408085338	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020243	0.298051205222228	0.534435067259932	0.966482596307378	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020244	0.998240586153282	0.99893371024918	0.999576095563633	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020247	0.459646093711313	0.588163675191456	0.964966409409056	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020252	0.729911449876267	0.905703302291981	0.965921628164386	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020260	0.680752256824739	0.488923615533993	0.86939749723667	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020262	0.999884305913475	0.999893133391354	0.999792225346442	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020263	0.997878209511624	0.996665693974047	0.996843577517868	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020266	0.990781334053439	0.99989554568824	0.993829072911846	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020267	0.877455128208241	0.949805210846175	0.988589223730327	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000020268	0.999982131117302	0.999995482297938	0.999997761588283	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020270	0.999921992075528	0.999990932322702	0.999979467476426	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020272	0.983860765078659	0.967924391638177	0.987521875602037	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020273	0.907503740248728	0.99748746663028	0.906548559211823	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020277	0.999650505659236	0.999485232280828	0.997697356379049	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020279	0.999714400104977	0.999689763891557	0.999549793423801	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020281	0.761184552010099	0.973048331858931	0.929235965189983	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020282	0.998190058200888	0.999258926778863	0.999805870490504	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020283	0.999792837189568	0.80518235929932	0.781425370560581	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020286	0.930815886182518	0.982867750863749	0.980130354860614	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020289	0.786118424110906	0.928698094185011	0.923930281975883	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020294	0.998346547126067	0.999740493573212	0.99952838781034	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020296	0.999540240685831	0.999948566251185	0.999830238235142	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020297	0.984333241505274	0.996752669472441	0.978388544160443	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020301	0.994543476742432	0.99884708697761	0.999495097008388	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020303	0.999982687299717	0.999999904045433	0.99998816161818	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020304	0.996924357355362	0.999820949953244	0.999452126334007	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020307	0.999984820814969	0.999990520820777	0.999982597646898	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020312	0.940917572411141	0.988229498984511	0.995059961569098	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020321	0.999779414994958	0.999929312203008	0.999975549852803	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020327	0.999989871184026	0.999999495660927	0.999995342740368	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020330	0.999870849102838	0.999221154755134	0.99859486760374	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020331	0.987993671066503	0.997154348705357	0.998523267084586	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020332	0.996625624099119	0.999974661590887	0.999018262694146	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020334	0.989669636433804	0.999428260633596	0.994701303313242	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020338	0.945605688629602	0.971534374638602	0.995545340013051	0.99999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000020340	0.999858950759974	0.999991225253613	0.999949081283068	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020342	0.624598159752069	0.72009223322809	0.98401057189216	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020344	0.737261543755878	0.969644866030865	0.920320888171418	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020345	0.969502372847594	0.992792699051277	0.9986808267508	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020346	0.898118554737318	0.939485324557699	0.999429643253856	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020350	0.609163561308322	0.673042362979156	0.923038455990639	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020355	0.955498271770239	0.840913687085199	0.68084711006771	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020356	0.999989773560088	0.999995834251068	0.999994392184106	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020357	0.999926232980418	0.999976169032554	0.999985133643085	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020359	0.999284731079569	0.999975861810539	0.999411977899455	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020366	0.989748551459741	0.999485057643559	0.998982841575541	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020367	0.999895857478372	0.999394712663734	0.998760857551398	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020369	0.974528507138987	0.996225055688252	0.989527258320556	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020371	0.994154692835738	0.999914897350716	0.996708433543333	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020374	0.944674877570861	0.996555080901343	0.980019467918655	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020381	0.998690114862512	0.999401530970372	0.99977635030817	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020384	0.999984688416321	0.999997878626936	0.999998222611598	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020389	0.999934552074622	0.999977035529239	0.999982032689433	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020393	0.54643466555514	0.966238309068421	0.595086193599041	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020399	0.999440675756036	0.99987293379436	0.999998941581601	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020410	0.999870256895126	0.999985812144828	0.999956975166159	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020412	0.691902886524019	0.989711449172184	0.928305673257971	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020417	0.999998521766389	0.999948473611584	0.999852304336032	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000020419	0.999567229750271	0.999776930308177	0.999881205181715	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020420	0.990062356680661	0.996908580719289	0.999624265613429	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020421	0.999954580388085	0.9999682086233	0.999953812484048	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020422	0.999927477678825	0.999993451070085	0.999992771925826	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020423	0.999107333754023	0.999860441361776	0.999914491192353	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020432	0.997864395313537	0.999193168810219	0.999857670189386	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020433	0.913253736790877	0.786427634204544	0.884075073046582	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020436	0.980733542982631	0.993045773637818	0.999082546068248	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020439	0.997916287433185	0.999584958237233	0.999891536024448	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020440	0.999994802812025	0.999997231228797	0.99999509306536	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020441	0.999972244577457	0.99999700834811	0.99999588573304	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020444	0.995820915377605	0.999471904266759	0.993364722778365	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020445	0.993008327124178	0.991892208830767	0.999188447950499	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020446	0.991099210186273	0.998705248150059	0.998788652189213	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020447	0.980860545719409	0.99342148746083	0.998010826796409	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020448	0.997563512577164	0.997152624972167	0.991098756917954	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020451	0.999968876870184	0.999992335786223	0.999997025844638	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020454	0.996631665496616	0.997640259339116	0.999736100484814	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020455	0.996476212830759	0.998605753711964	0.999956102539505	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020456	0.997282696554872	0.999565485982879	0.999688319430994	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020457	0.946940216329118	0.988616239821339	0.988014448159699	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020458	0.803511063276822	0.96573539956493	0.990207567874579	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020459	0.960930937924111	0.990363077149699	0.926764538043922	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020465	0.707970188152817	0.979365933511197	0.881758249452715	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020467	0.973707397674065	0.960167274048229	0.976510590151105	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020468	0.999524800824842	0.999984839360341	0.999618296647598	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020469	0.934051305642741	0.830876074735481	0.896768621416161	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020472	0.999995302294363	0.999998778114883	0.999992196734319	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020475	0.999806002501296	0.999928165000678	0.999957798803726	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020477	0.993125040108072	0.998507758326583	0.999655604338508	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020480	0.958001018016426	0.990961153178934	0.997947855129579	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020481	0.711573270982029	0.756613153142732	0.958632949877405	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000020482	0.999006042166618	0.999800272244108	0.99986730211643	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020484	0.998567088792897	0.999881654644369	0.998530225336219	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020485	0.973103558515025	0.994278793319559	0.997085911351318	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020489	0.977470381212017	0.996081219777061	0.996793714259531	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020490	0.998707081346953	0.999707003498787	0.999852503062214	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020495	0.998556049231773	0.998202342572515	0.998544973284043	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020496	0.999988376377468	0.999992357251986	0.999984912170603	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020498	0.998793834428592	0.99956557783544	0.999912459047822	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020503	0.973101904975592	0.992473332514805	0.997553030214765	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020504	0.955102359920764	0.998114201755157	0.999327608847481	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020505	0.998336446466559	0.999883988609548	0.999515840023934	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020515	0.999946541107744	0.999997864484009	0.999958067529546	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020517	0.998782368148682	0.999684653117951	0.999947772897697	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020518	0.986429167005737	0.998122495696021	0.999358589667329	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020520	0.946732347441514	0.942619140568099	0.979813617432747	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020523	0.881626833343147	0.961278046400598	0.970646295341411	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020525	0.99857147057077	0.999097189112628	0.999819590901984	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020528	0.754244175888298	0.924700531802245	0.970810593848072	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020530	0.997620785818478	0.998743360810291	0.999776718576112	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020533	0.997382548296357	0.999376618819952	0.994577038642161	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020535	0.486769473870513	0.732799482700647	0.951561760137127	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020536	0.998746829606284	0.999730158955677	0.997823306853868	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020538	0.999947874930452	0.998935362076746	0.997828811083257	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020539	0.93338961599451	0.911013591979465	0.992351617294497	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020541	0.988162093851398	0.993595029956905	0.999836294233843	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020542	0.970197248772803	0.964101828683165	0.992471629427406	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020544	0.996245120531569	0.996867875472367	0.999751604482438	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020546	0.990436305067341	0.999762364763063	0.994124761528176	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020547	0.999394680908695	0.9998391045609	0.99997570231401	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020551	0.999803193286111	0.999943128052568	0.999988112755126	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020552	0.997475662460934	0.999606953851421	0.999683015744542	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020554	0.947071727380375	0.984457610655227	0.994773387302177	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020560	0.997561115600281	0.999795924884085	0.999647028807334	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020561	0.990402021798999	0.988109396872316	0.990384828988318	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020569	0.999677520585788	0.999923615590446	0.999999396808434	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020570	0.573376151548697	0.946799957195237	0.720335188671778	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020573	0.840964295652905	0.994790896258008	0.910406109977346	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020580	0.733790358441761	0.639108709464204	0.93131343794232	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020583	0.997347475328627	0.999389314297314	0.999939433953925	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020584	0.93944769956284	0.922426877533106	0.831257332223092	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020589	0.993257144410765	0.994929172714908	0.98687583833911	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020590	0.980089092695994	0.999520529219436	0.985965448983068	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020591	0.999644070219351	0.999882859336571	0.999463023400609	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020600	0.993183649422103	0.998018149076665	0.99846535837398	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020602	0.995512001291985	0.996575583085103	0.987753504698036	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020606	0.99984825620997	0.999920010540166	0.999911487965662	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020611	0.878065168647721	0.995893746070589	0.941444859865296	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020612	0.99764978798011	0.976338800030926	0.968983629058604	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020613	0.997138807645725	0.999852508137999	0.998840394782833	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020614	0.998622338649129	0.999811575787878	0.999918613884356	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020619	0.842975861390121	0.917391734522582	0.994771087050146	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020620	0.869169296158198	0.691439557073204	0.830135206579812	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020626	0.945235338770361	0.999288584396192	0.963802672581584	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020629	0.998828866555311	0.999512362383468	0.999917841688661	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020630	0.998272984412012	0.99956274577382	0.999992607814381	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020632	0.996557537779749	0.997259330876711	0.998527632467088	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020633	0.998677223848066	0.999900509272983	0.999865841643614	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020635	0.999196130039073	0.99987061611676	0.999954016624388	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000020636	0.878721696503388	0.960783330159069	0.735823771413305	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020638	0.930339759834761	0.945963432732884	0.99791253550453	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020641	0.998680176820633	0.999513075792313	0.99991309498783	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020642	0.999177991902576	0.999966462194967	0.999551967861363	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020643	0.780686184474206	0.998826547179602	0.907237924854455	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020645	0.999632915834221	0.999905145123041	0.999991615329889	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020655	0.999976346964399	0.999999085629995	0.999992634859244	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020658	0.980042809202644	0.906029990695234	0.98427500553572	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020661	0.265627141555872	0.994831344765617	0.216176758976039	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020662	0.999214757027267	0.999761749034029	0.999977788802864	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020665	0.99916090420447	0.993105131105778	0.990373168504752	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020681	0.997028202304132	0.999576824464437	0.999629619729028	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020684	0.800816456231433	0.753804839410927	0.971029020588429	0.99999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020689	0.99889011136046	0.99835260229563	0.994762102843422	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020693	0.999771252740526	0.999885590912975	0.999323679629626	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020696	0.824390497525679	0.699326415879996	0.965862928863226	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020698	0.999905924676457	0.999985174506118	0.99997492449137	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020699	0.640762099489217	0.859649138351537	0.861605886747191	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020700	0.99988403724267	0.999986495430659	0.999987556275987	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020701	0.999855561481847	0.999887135398413	0.999836848268588	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020704	0.933516001785438	0.954793334151181	0.807002611108068	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020707	0.899355731009987	0.6750365250987	0.949819183348535	0.99999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020709	0.997695905108181	0.99943923047844	0.99989957041296	0.99999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000020713	0.882964848538649	0.813106211900059	0.958045705921158	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020714	0.997895174064546	0.999859298063927	0.999869715608668	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020717	0.993087226313402	0.998056117913963	0.998776803801397	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020720	0.999822582959157	0.999983029616576	0.999931933697117	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000020726	0.999943884895663	0.999918296516216	0.999695169829937	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020729	0.588931958510063	0.95641983219408	0.891313010511324	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020733	0.999830305260823	0.999957665070909	0.999997282264924	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020735	0.865357304942181	0.908987961354854	0.997455335650222	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020736	0.925796359585468	0.858671252712035	0.951340192107538	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020737	0.991496066681664	0.963650755516961	0.932897201879946	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020739	0.997960083800581	0.999490179702337	0.996798696000416	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020745	0.991987646629102	0.972525381205354	0.945235951434673	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020747	0.430305006935122	0.993239088485819	0.401978772319256	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020748	0.993277476401662	0.998529492749913	0.998613827987118	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020749	0.999979791632125	0.999973751103666	0.999913822231191	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020751	0.994233059457222	0.998740845575239	0.999735525748078	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020752	0.989906512362513	0.995968842100208	0.999804724832944	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020754	0.996457977236074	0.999967420069953	0.99818061082494	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020755	0.998149703643357	0.963671835284809	0.941463194418413	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020756	0.998926663878016	0.999877989157457	0.999875618879793	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020757	0.999608957943029	0.999954221696554	0.999977199150314	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020758	0.976145088072977	0.999988695920816	0.981177878823064	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020759	0.998164516139565	0.999891320369046	0.999357930852117	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020760	0.999618736666339	0.999669613953081	0.998723912670753	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020761	0.999747848998443	0.999968860858628	0.999954146479786	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020764	0.965802894016102	0.958803237363871	0.984878335800324	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020766	0.964969912117277	0.997859140574494	0.974245577532247	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020772	0.732195561554146	0.819623482973586	0.972372198688234	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020773	0.968008775539574	0.879093432213928	0.965741478393313	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020775	0.971852848286166	0.993401328824214	0.999662342509509	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020776	0.994028444569146	0.999290825220507	0.999704470179298	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020777	0.999996180225221	0.999995037299478	0.999987426763733	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020780	0.999710159884762	0.999899881314728	0.999956728322463	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020781	0.99605908578898	0.99999607907855	0.996971309321529	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000020782	0.999941409446908	0.999977644549667	0.99998259872131	0.99999968147277	0.99999999705128	0.99999997296689

ENSBTAG00000020783	0.99994664779797	0.999988807170872	0.999894726336859	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020787	0.999996395660087	0.999999208233695	0.999999613798573	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020791	0.996142259674548	0.999354513303767	0.999847763315627	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020795	0.999420919321141	0.999770380339818	0.999911820984296	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020796	0.988414340937374	0.979141739634565	0.993178383504237	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020797	0.99990135496924	0.999875892346746	0.999775321594745	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020799	0.994635734837671	0.999708615028943	0.998080850075309	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020800	0.999368199153524	0.999961784793599	0.999117518082827	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020801	0.990767910954273	0.997478209502509	0.999860469868283	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020802	0.718037460570609	0.960296390201501	0.870345632813658	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020806	0.878041752823794	0.855661440682477	0.987891682871025	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020807	0.999137369901835	0.999902768940708	0.999892129834264	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020810	0.658524586409033	0.947408329126435	0.842927405326487	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020814	0.815120367415747	0.984646704399536	0.84606189371413	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020815	0.994165623136548	0.998269842587183	0.999834447433224	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020819	0.999957455929447	0.999996834616683	0.999993272993868	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020824	0.8808451876134	0.97022910727804	0.990153741733471	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020825	0.881408471076201	0.973118644814873	0.941566018786529	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020829	0.996712854326381	0.997894134174361	0.999212337839051	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020831	0.968789101936084	0.994922411697393	0.989692147895504	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020835	0.998920590352742	0.998463989724977	0.998692961478058	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020837	0.923083596793865	0.856926267782539	0.925668700329725	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020839	0.205782103594247	0.52812217272564	0.802443134360905	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020844	0.994871878356822	0.997894939660214	0.999862764316263	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020848	0.949919500881063	0.952421230300254	0.992332146050315	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020850	0.987410743662032	0.981346657830664	0.98412427566733	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020852	0.998484374008544	0.998967188919103	0.999307935985885	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020854	0.987223235205051	0.997811546808131	0.996104344957317	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020865	0.997659398795273	0.999438249689292	0.999837848134167	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020869	0.884932847800935	0.989020741308327	0.949085563800852	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020872	0.569390337624519	0.69705141996316	0.930838021009891	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020873	0.999203981764856	0.999959296645362	0.999028915547386	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000020878	0.999105651540082	0.999556784724913	0.999711678737694	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020884	0.94753279395849	0.995086230587221	0.989139611894413	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020886	0.999951691431859	0.999966958639542	0.999961121913474	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020892	0.891134046474477	0.652098233365755	0.775935856955754	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020922	0.999996669845262	0.999944913735815	0.999823477297455	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020930	0.996694688018805	0.998917024247083	0.999825090563831	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020931	0.925290614532343	0.965392500589844	0.987628050090145	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020947	0.998592704189685	0.999971777645911	0.999456864198233	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020954	0.993456402454786	0.999625208645758	0.998167330863474	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020968	0.943623506766517	0.931267269316998	0.980777305858481	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000020969	0.998563216164971	0.999850021337439	0.999766302918062	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020996	0.999730798870266	0.999994543966588	0.999893079816007	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000020999	0.999951216687938	0.999993291402641	0.999989015502032	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021000	0.998289443414658	0.999558427365857	0.999826788508477	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021002	0.98138010581805	0.995120762405008	0.998814691897712	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021008	0.983287941575682	0.999331298726786	0.999897998255513	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021020	0.989631985067981	0.999648820396845	0.993553741896484	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021024	0.911710745950556	0.964611490252456	0.995958855906783	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021025	0.986808771157171	0.993970229766118	0.999728650206151	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021029	0.863518371895352	0.83777781688161	0.968431080396944	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021035	0.549575140713728	0.952182123961468	0.897177301612806	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000021036	0.99783286824287	0.999065672611047	0.999869063334001	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021037	0.996362112755911	0.999275368846671	0.999535479901169	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021039	0.999224942468507	0.999946488460957	0.999785609654154	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021041	0.992177402543596	0.840500493453112	0.805346321990007	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021045	0.996907859431293	0.997048182253562	0.991797036521333	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021048	0.992172694450748	0.998971784263203	0.99931205127037	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021051	0.999158193440549	0.999958118628189	0.999578982059101	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021052	0.92651875194612	0.93420910615154	0.995848260054996	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021058	0.999977427355815	0.999999294403724	0.999990739970181	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021059	0.446688831105978	0.581673975164293	0.967384076001243	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021060	0.99989607433637	0.999993204910599	0.999966011672079	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021061	0.996259217470251	0.999490989344406	0.999389131182853	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021062	0.99956339567252	0.999073564345728	0.997120874425405	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021065	0.997770850711903	0.994537071360423	0.989142047865166	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021067	0.999987915588556	0.99999561841823	0.99999472099556	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021071	0.999919807192239	0.999967245335902	0.999966278716336	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021072	0.998026249242147	0.999841957674558	0.998006566620682	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021076	0.991828073295101	0.999338812826624	0.994923700807036	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021077	0.655107469803839	0.897240240381735	0.778936567075146	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021078	0.999878934930105	0.999999334856586	0.999918221018447	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021083	0.99153836682128	0.998856934749251	0.99928460018252	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021087	0.996407248633746	0.999220010791682	0.999877381448976	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021091	0.951769371970328	0.989839346451235	0.996844669808177	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021093	0.999707725244558	0.999925925239525	0.999996671179106	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021096	0.999820345488904	0.999970266884224	0.99978372579259	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021156	0.872315060172908	0.989289200020554	0.928562080165299	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021157	0.999963657237669	0.999998554584139	0.999982814352415	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021217	0.241117873859957	0.711004531531278	0.442214646719124	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021226	0.991829034618742	0.999083609793973	0.995755503949377	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021227	0.953495675987534	0.969052996746426	0.997458725425044	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021337	0.999985952441084	0.999999208154406	0.999984122525244	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021338	0.49617492088459	0.862430543210262	0.942840259234029	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021341	0.99988533310264	0.99997094622083	0.999822757039381	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021342	0.937453754860693	0.994830168313445	0.912053520695308	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021343	0.990508964993109	0.999697214113629	0.998648029496705	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021346	0.972533998458921	0.997874725364992	0.983168593808639	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021351	0.998916280660672	0.999608253058256	0.999978010500392	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021357	0.963553188584314	0.991917386573029	0.996819791814285	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021358	0.899680930961283	0.975879517226986	0.948063624347845	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021364	0.824629286532601	0.978625468877623	0.89727495542703	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021367	0.999930745272734	0.999983957559175	0.999996550615705	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000021372	0.99978547273845	0.999995263954845	0.99983157830484	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021373	0.990549381357312	0.999757873020063	0.996240190570047	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021374	0.998540888430261	0.999852400363373	0.999476997942628	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021377	0.954383193799615	0.999592305287716	0.956261095143286	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021378	0.930103238662187	0.940348393696178	0.989776115820347	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021392	0.999538155905466	0.999936063583607	0.999972539341416	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021393	0.894295914371579	0.984758604188081	0.978691016614076	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021394	0.946482444954219	0.998314037981777	0.999124393597197	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021395	0.999470742675155	0.999999158324889	0.999731140117898	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021396	0.499988309285053	0.606884314936733	0.971016459076955	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021398	0.923328330186912	0.955527637590823	0.997782286058556	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021407	0.634406610404568	0.991751372939943	0.70095597204424	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021410	0.995713882463935	0.99760692022536	0.999441519207899	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021416	0.979561257727649	0.997510637728408	0.999817452419214	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021417	0.990267455246374	0.990689079427762	0.999761933761489	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021421	0.999758538186135	0.999965528530379	0.99996760766947	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021438	0.9751976611284	0.997446042495878	0.985323605112649	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021442	0.942736510256286	0.997227238337493	0.989308974256147	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021445	0.945616582696202	0.987628840538086	0.985951065966485	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021455	0.999921907941417	0.999998731241042	0.999938627953371	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021456	0.983341888609016	0.998732560872052	0.998870388318652	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021457	0.705121647569666	0.969915004919241	0.917109420658584	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021471	0.998393979859106	0.999904713623907	0.999453508459056	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021474	0.987258391735989	0.998426492009482	0.994886373228963	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021480	0.937878902034951	0.978560926879161	0.977367136286853	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021481	0.698967357429396	0.969132887365951	0.79739815082422	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021482	0.999946259405126	0.999994561792132	0.999945045357549	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021484	0.969681335565221	0.996547059080596	0.965049120291454	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021543	0.928776728715557	0.987064197411662	0.972797696952757	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000021573	0.999986488528239	0.99999524170825	0.999994023193234	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021581	0.997166793588356	0.998871730540649	0.999700547010852	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021657	0.950500795722505	0.991009201488335	0.998167196641706	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021673	0.65031106389916	0.947845132781593	0.412033161948292	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021677	0.999869804803314	0.999963110112276	0.999765149384879	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021678	0.999424651178516	0.999783854168763	0.998972186086154	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021680	0.999800150664147	0.999903773074612	0.998689733932349	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021684	0.916769565961408	0.866570874343236	0.687818791364987	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021685	0.979278158502946	0.999072077759074	0.997883410290518	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021687	0.961584768809459	0.924752759786783	0.98214692884081	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021688	0.967509265378918	0.985930619089783	0.998506795867476	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021691	0.996912233118173	0.997412785274931	0.997972943863565	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021694	0.999792865683525	0.999973145929783	0.999973742426272	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021695	0.992127305730428	0.997695851756467	0.999157569971239	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021697	0.999771599294503	0.999960650386566	0.999968603811562	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021700	0.994194675863681	0.999984071361917	0.999089257013974	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021703	0.393372354469106	0.766618213966669	0.913381886916113	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021705	0.998515123879383	0.999901504473804	0.999928146308113	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021708	0.976652585566532	0.9878605943125	0.999960069316076	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021709	0.708578269480867	0.889888935460537	0.953989903492588	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021713	0.997561456005485	0.989457884055797	0.986303872337379	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021715	0.996822277821772	0.999167729370332	0.999977658211134	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021724	0.945749746476508	0.975194224815293	0.997770193949948	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021725	0.999897780572321	0.999999655961354	0.999936825653379	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021726	0.999731042407808	0.999772591835349	0.999758465085664	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021731	0.999568930339269	0.999962943592251	0.999919761162506	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021741	0.999996302080895	0.99985513551219	0.999630252597497	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021744	0.998073796958309	0.999704622918189	0.999854313241554	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021752	0.941689194407437	0.992295265778292	0.97333706770994	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021754	0.994752180307664	0.999631649987138	0.998291289342285	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021756	0.992890529921182	0.999461826463676	0.998891919312824	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021761	0.979949488360396	0.999985234301488	0.98435808354532	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021767	0.999927056462615	0.999987285794498	0.99999721084504	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021768	0.998915463652027	0.991975877828734	0.987894922133989	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021771	0.993387410150037	0.997813466490491	0.999963200856887	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021773	0.999739181925731	0.999662072289295	0.999465699869845	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021776	0.93536059346133	0.978499099925618	0.989004131292708	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021778	0.988958494449839	0.999112930004076	0.998302446762464	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021780	0.999964454081039	0.999996188324752	0.99999322328638	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021781	0.997145438813596	0.99881305661919	0.99981973080394	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021786	0.877414352604282	0.978316753169965	0.788687796057827	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021789	0.999103166414405	0.99999698679909	0.999434206342632	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021791	0.999603816863172	0.999880222671503	0.999255949512172	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021796	0.98918817326701	0.999773693181137	0.986336486659711	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000021801	0.99987919378082	0.999973562232439	0.99970984801359	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021802	0.995578799813684	0.999382055043284	0.999525987553772	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021803	0.998609740638461	0.999801220574002	0.999780888683209	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021805	0.987115309078457	0.998418057699167	0.99944948491453	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021808	0.999053115957242	0.998432220275989	0.998608787147098	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021809	0.958896344213031	0.980281212617771	0.999468620094708	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021811	0.998661568743797	0.995557945976831	0.996059473519021	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021813	0.925314346776372	0.999904005427695	0.932896739430048	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021842	0.735651305161729	0.990263203248921	0.778413951179134	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021879	0.999467330332336	0.9987210199367	0.996499606893874	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021900	0.999388141274554	0.999724058280444	0.999826828281813	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021948	0.999890696251181	0.999987598251913	0.999974668646805	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000021955	0.966564553526655	0.995080644937269	0.997716210593352	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021956	0.99383111368184	0.987789328323136	0.997201223004356	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021957	0.324558231598714	0.300810885321012	0.988330929896089	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021958	0.930879858419466	0.950208399332308	0.991366028746407	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021960	0.999633716361257	0.999569947388683	0.99963082315857	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021961	0.996261159233158	0.999691872239717	0.999382178618724	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021962	0.999727669913707	0.99924247760123	0.997620643287423	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021963	0.999992478524625	0.999989255075141	0.999972293147225	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021964	0.105400868531501	0.60961061211667	0.254685973985178	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021965	0.999679085464493	0.999904828096011	0.999990584367655	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021967	0.995090186826395	0.999932069556482	0.997219642146726	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021968	0.703712383933636	0.89557077513893	0.918612835627363	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021969	0.900791308863849	0.978072148754802	0.964127134587833	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021970	0.995595864335575	0.999053885615461	0.999641851571945	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021971	0.964213714060892	0.988319824165962	0.998144281713952	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021974	0.999965612511049	0.999970813280104	0.999946764916931	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021975	0.997469661874394	0.99537634661427	0.989424162330264	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021976	0.978386160692256	0.995059537345354	0.995284114046501	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021977	0.995878645211448	0.999098961993376	0.999804858544482	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021978	0.993294372609484	0.999091923873653	0.99697768867248	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021979	0.999878899038022	0.999981545705516	0.999993753060162	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021980	0.930350018037866	0.991342180295419	0.985028119156301	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021986	0.999972588245987	0.999967576358822	0.999861116455972	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021988	0.998305059559173	0.999532780463927	0.999855236514238	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021991	0.742348876400748	0.959800603761188	0.92130411728246	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021992	0.987240284007906	0.999864877348719	0.998550499218223	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021993	0.801000087888505	0.903724224421768	0.689127422902951	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021996	0.999460344227127	0.99967102595936	0.999752811193296	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021997	0.957911707847682	0.99336570328519	0.999389094905505	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000021999	0.841722662851889	0.981763481437682	0.947427339060773	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000022000	0.983059291082702	0.999466639975328	0.992419632234477	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022003	0.965484810732573	0.993250323149525	0.998981358096009	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022004	0.938621161805239	0.974301347646489	0.996955263312092	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022006	0.999932131086669	0.99999942202813	0.999952865122349	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022007	0.914968727730965	0.974701652444531	0.981669718913122	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022009	0.999619912639155	0.999087296831879	0.998462506015971	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022013	0.969659244691471	0.959341314981632	0.977847978015245	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022020	0.994832754354632	0.998862989164011	0.999804713768838	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022022	0.97694253169644	0.998185874080223	0.999648143324436	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022027	0.976117143248963	0.999377473198685	0.974570992890334	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022028	0.820761087407755	0.692631590960047	0.392336156537211	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022032	0.910787769892618	0.852071770114387	0.951033609401128	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022036	0.941766345153123	0.96419118777592	0.999662500281957	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022039	0.887280891020819	0.925454244521346	0.997119147019736	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022044	0.999965711581061	0.999993158185412	0.999999333247489	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022058	0.992274903290264	0.999566624366687	0.995581901060594	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022067	0.996896179163526	0.992755588056699	0.991303049796879	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022069	0.999980374455083	0.999996765460453	0.99999060150761	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022083	0.901752692021152	0.844307524686634	0.932686462238	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022084	0.999369289052589	0.999957447656266	0.99975944821308	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022109	0.994850562225504	0.999672616539488	0.999709038246875	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022114	0.998743882628986	0.999777330903618	0.999930834235028	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022120	0.857792877834989	0.957556506392875	0.946371115995978	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022147	0.779670459730675	0.948003590507613	0.967268661178479	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022150	0.313342740055451	0.709339070758187	0.729665221242846	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022155	0.353078370140896	0.741201675957116	0.92097413130803	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022158	0.641902020315256	0.729584362630936	0.99640656319741	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022160	0.996395196522357	0.99954367968237	0.999703179060821	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022161	0.94755682483723	0.882312836211708	0.949105382296508	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022167	0.99737772860337	0.999485321481748	0.999404343568454	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022169	0.931432352953956	0.975947852279201	0.995376079554939	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022185	0.98967574463782	0.999165475974193	0.99947430725381	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022188	0.999965969783219	0.999998428742055	0.99998767575747	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022199	0.982542803290478	0.990657351680004	0.999736756030957	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022204	0.995842486094537	0.997307508193497	0.97412067946962	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022227	0.999110106889951	0.998823796553439	0.999012295215412	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022238	0.992306909868167	0.999371184109348	0.996493478596815	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000022242	0.999972163827044	0.999829635109516	0.999505402864869	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022244	0.427553522673894	0.886671766740393	0.879771472666907	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022255	0.890922937899067	0.810510993250098	0.917173211148501	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022275	0.99996223173114	0.999997083166497	0.999994317366461	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022288	0.974034627837915	0.96619801777644	0.874753130064104	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022292	0.993371527981323	0.999020006995311	0.998135637206762	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022293	0.944267485540465	0.995910073498123	0.931199976663733	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022294	0.879467430888043	0.994954804688836	0.905583185406337	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022314	0.999471186834562	0.999983613830942	0.999754271670321	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022360	0.77747503332503	0.819336720354816	0.999332176623131	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022373	0.363951432011444	0.937380901909459	0.491746279794806	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022379	0.851232811661916	0.986431267921701	0.921301546064141	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022381	0.53150825830208	0.983044488627322	0.717498508420896	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022382	0.996007174449921	0.998575013325514	0.999994040415909	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022449	0.945527560010182	0.986852731096969	0.980162854480247	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022450	0.990549394107394	0.999703742901269	0.99881434660023	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022461	0.999991641344218	0.99999841476231	0.99999996489246	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022489	0.96296535734075	0.944503493220825	0.985921472409932	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022514	0.157453859286205	0.3768996241026	0.845467927096839	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022520	0.998761946260173	0.99899971399148	0.99898730923041	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022530	0.996697224604308	0.997485457350528	0.998301375444511	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022539	0.999744905218652	0.999557884978798	0.999717364115657	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022564	0.964871659667273	0.998804566434925	0.979549719213537	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022570	0.88026453087059	0.992879142073856	0.875517893306862	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022575	0.992652381143062	0.997468723923865	0.999969861565958	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022580	0.997466202644032	0.999344567894274	0.999602837644104	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022598	0.986829350065664	0.993272605188272	0.99948781541962	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022613	0.943887488805882	0.923368947350533	0.967585592292045	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022622	0.795822094496047	0.850530195119505	0.633973941576615	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022632	0.999204547469728	0.999896924732142	0.999819097255627	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022635	0.992705198601938	0.995455766793174	0.998507670533354	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022656	0.998617021947726	0.999946481238813	0.998785867367532	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022681	0.999458919490838	0.999929261615118	0.999908273775718	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022689	0.980098938657347	0.992129730074743	0.99769618361742	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022699	0.825583966992613	0.979391105122513	0.991441236479793	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022714	0.975541125805898	0.998845671993537	0.988516562140208	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022721	0.999757722263069	0.99979930393647	0.999327090279475	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000022731	0.99999073172054	0.999999744200994	0.999994508981139	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022733	0.880693429402565	0.96556321439241	0.99115727808761	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022751	0.874373978127486	0.946625072796047	0.982343941891654	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022777	0.896560553587896	0.983183322798388	0.990594808031665	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022799	0.99393592805866	0.999148398451619	0.998065263882174	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022801	0.999925216976726	0.999951819177068	0.99983573758794	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022808	0.995403963614271	0.998082819774983	0.999823473052411	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022825	0.996724847410156	0.999644921001632	0.999954584476246	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022847	0.992933671054014	0.999137531161766	0.999659790579724	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022886	0.949031954562108	0.918888228470389	0.962714084966289	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022887	0.999284959554028	0.999511184702862	0.998429980682636	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022890	0.767470156690376	0.898101016224658	0.981434528858542	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000022902	0.999778050957069	0.999979676114726	0.999947251910574	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000023039	0.996793723497983	0.999634200424202	0.999802129604258	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023054	0.996805989611201	0.999298054830437	0.994407225363897	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023073	0.899600356696479	0.971341289027523	0.985234656052044	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023074	0.998704521721556	0.999630802964098	0.999951434089977	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000023144	0.824951622142914	0.815797736629778	0.973559954655697	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000023172	0.949287899097722	0.992058338328638	0.993620919209459	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023177	0.818799147683803	0.945474113638273	0.993636051929718	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000023283	0.99999434771169	0.891165266331625	0.868122547824615	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023289	0.864781722658698	0.981195873147268	0.978943230892528	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000023343	0.995490399285628	0.999561108902916	0.999819332314346	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023365	0.983636925897279	0.998545266144903	0.983856766171885	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023372	0.919484369557489	0.959674502195135	0.863340369935998	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023374	0.798662034548568	0.964213642850103	0.879071882550528	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023375	0.999774467953148	0.999913179492006	0.999972702281484	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023377	0.9952897624612	0.999129364853194	0.999946481389903	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023384	0.951359464444545	0.967648441876788	0.999408581046909	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023398	0.963044834658995	0.797564182540834	0.825000093456014	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023415	0.745393264539854	0.930470071597775	0.970492778690679	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023416	0.995202674729623	0.99916462454843	0.999757273067316	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023417	0.997750570934582	0.997910863003696	0.999769331286365	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023426	0.969687666043736	0.986788444558378	0.999223396151854	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023429	0.724819558496511	0.985704286258877	0.853143092116839	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023445	0.999485816048611	0.999662363553664	0.99991180669796	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023452	0.976417510340474	0.975836506043733	0.996864740823149	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023453	0.995796486739573	0.998795458003905	0.991745199707261	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023462	0.999855029966477	0.99996013713996	0.999989001125282	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023464	0.932565971077578	0.991194024795932	0.977984987469704	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023472	0.984492266191871	0.997271924953882	0.995331065031595	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023487	0.976338416360115	0.985861301334378	0.953859791522315	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023513	0.975619657602429	0.981325621295001	0.998189394913178	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023523	0.98294557705845	0.962430296986596	0.995998780277469	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023551	0.998739810371215	0.999609505423434	0.999994847290527	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023562	0.650891719837882	0.93112382145732	0.945097255669584	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023600	0.991738870090336	0.987704239110449	0.997534367607011	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023601	0.998077969841754	0.999728710776481	0.999567516661491	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023607	0.999707300755722	0.999173589434888	0.998701400307299	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000023614	0.998964372574815	0.999848141559117	0.998920290033319	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023628	0.998858737191133	0.999900725249585	0.999527061306042	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023632	0.973562210712317	0.997557840490535	0.985031777677553	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023648	0.969253790432091	0.976181726181646	0.994184215609753	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023652	0.657240559144318	0.936869004128013	0.926784209835131	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023659	0.976842974009676	0.986541735581798	0.99833207192308	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023675	0.998016810818254	0.999712433246177	0.999400420717917	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000023736	0.99451847076695	0.999902830476606	0.998253146475866	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000023745	0.940824002360641	0.964699349394873	0.857971521785978	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023784	0.768764599063327	0.993511127888758	0.790766964214196	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023787	0.818636660863287	0.933633122458945	0.985032947415177	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023788	0.999603213768556	0.99999043773858	0.999765562011358	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023792	0.991711058327336	0.941961134882974	0.903098540172805	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023795	0.999902977962988	0.999984247651373	0.999982196975241	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023806	0.973615678442026	0.998866091439441	0.998234885868432	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023814	0.973144531776344	0.992450029469243	0.958878735255967	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000023832	0.964192319380464	0.906488096760513	0.961571397407026	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023840	0.999997908518362	0.999993979762737	0.999984234509259	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000023845	0.998205061858641	0.999153026109929	0.999609908500785	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023846	0.993499102060627	0.99942479771424	0.998090766140599	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023847	0.998478740584361	0.99995013825845	0.999774709940442	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023851	0.922307734034285	0.92096587136536	0.777590287435509	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023867	0.954965902768398	0.979167736361423	0.998450691508293	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023885	0.999634222810049	0.999973990916899	0.999900757895076	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023891	0.965507271282892	0.988677949364745	0.998996173370737	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023907	0.731580397868507	0.924070711559112	0.967958239486141	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023928	0.999562967965024	0.999303130032856	0.998915227142766	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023929	0.966524603821951	0.742557876162317	0.801645091034132	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023933	0.999902247424208	0.99998258995014	0.999997744008929	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023938	0.599658692580284	0.95888388664957	0.520195946848726	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000023963	0.987115853759125	0.985876966713495	0.992395325470798	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023976	0.934907449097037	0.973480570301398	0.990687495449006	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023978	0.75742178731925	0.979520929243802	0.915476396366771	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023989	0.999189765976267	0.999993490963433	0.999323480193132	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000023997	0.997598330869128	0.999911462918161	0.999626444495683	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024000	0.990007287401425	0.980641615407433	0.965517287952526	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024015	0.99969815730425	0.999986603033838	0.999882107633891	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024027	0.987817209716038	0.998511998130172	0.999555887303852	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000024162	0.981434949740607	0.996931882404656	0.990570451172605	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024199	0.97049581379814	0.99092903237218	0.997741024297319	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024240	0.942839521604236	0.984039837604196	0.983785586935948	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024269	0.382652313720054	0.57746544429232	0.942235016939655	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024272	0.38748901467249	0.629128235770436	0.188184284975672	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024275	0.999037902662057	0.999847180582136	0.999825881830054	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024340	0.988180867995475	0.992004446778876	0.997325595583448	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000024378	0.999874288246078	0.999993579613296	0.9998931493063	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000024387	0.999995129198224	0.999991444511128	0.999978721919993	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000024426	0.689234176495844	0.930044812104736	0.964753536879049	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024431	0.999950988444254	0.999859568579233	0.999432217514911	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000024476	0.979467959121481	0.996034260337246	0.96618804238254	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000024503	0.954101227700071	0.997047535773445	0.986128612357408	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000024534	0.876400512689172	0.973220680737895	0.933281017298311	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000024726	0.794340196925475	0.962466627754443	0.730547563382254	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000024756	0.997936976170078	0.998314368484771	0.992767177974232	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000024851	0.964510211877137	0.970684326173459	0.909526327394935	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024869	0.984816896927632	0.998264693483842	0.991341479027004	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024884	0.99754909245235	0.998894544928984	0.999737791710556	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024888	0.305904489924899	0.520671869643851	0.956208964768672	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024909	0.997884799268912	0.99985813835424	0.999806767038339	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024918	0.999684393583517	0.999191204444058	0.997177543106028	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000024929	0.848580477980332	0.937517891763523	0.995332257286865	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024950	0.984716480465383	0.993287356987986	0.999354679112689	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024957	0.844856376072485	0.805540276251407	0.58551305294557	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024958	0.997442196975559	0.999985530274333	0.997889464645873	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024960	0.999471152908289	0.999708104167296	0.999984187588066	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024974	0.943768587390617	0.997649124644505	0.978258400277828	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000024983	0.84489813561601	0.98064573697192	0.795066151658198	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024984	0.907413067275481	0.983567402869268	0.958316615401497	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000024991	0.777766742665042	0.638439131702087	0.353507395064809	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025001	0.993235095200089	0.994993391091902	0.999493908342208	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025003	0.999993224010095	0.999999419063188	0.999993956823563	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000025023	0.953153824164442	0.970138865414151	0.999594753357577	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025029	0.927878417306694	0.977315956677349	0.9962884664502	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025046	0.994896820222305	0.998821138297504	0.999915357893351	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025062	0.911678930436527	0.991438096062034	0.888378689609736	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025071	0.0800036979687857	0.324384488652577	0.801961908133853	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025078	0.745153928754157	0.778614474433656	0.99707486886207	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025099	0.999600048843238	0.99986520867555	0.999953084965636	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025121	0.975166964449265	0.993298566227655	0.999318330286471	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025129	0.999496043015247	0.999213802318495	0.997734298429503	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025130	0.868921336927786	0.994041530880978	0.96303949906673	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025136	0.436470295766943	0.793361534092522	0.895569968126458	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025140	0.953092518775532	0.948785093976709	0.9937433855616	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000025148	0.998857582450376	0.999800554736368	0.999750658412645	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025149	0.997488207338218	0.99965797036568	0.999322977104954	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025161	0.996889720420494	0.995115926779455	0.994810323221226	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025165	0.156274986978177	0.369681131355302	0.53321195564128	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025181	0.918779834095159	0.928907577811767	0.992528399655267	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025182	0.884907316110677	0.892497985530371	0.719510056615343	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025191	0.997613703800271	0.999886365087717	0.999307805567179	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025210	0.999757883439408	0.999997859681595	0.999849803716476	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025211	0.993884778334681	0.998917355214966	0.999769100323114	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000025219	0.973853670900782	0.988829322664893	0.999314060978494	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025221	0.99851408327105	0.998347339352698	0.998167621821595	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025226	0.975450501988669	0.995835744004	0.971681715594075	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025258	0.179868471624933	0.23209656219285	0.855729104056816	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025263	0.999288886665297	0.999630939828111	0.999697263475638	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025277	0.990506766272712	0.997031830744072	0.99993776173082	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025283	0.989449678986792	0.991248037018575	0.995060824020178	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025308	0.900309879650323	0.985477141588313	0.97887855690574	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025313	0.990445614536083	0.999345843622213	0.998569161834212	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025320	0.999838255536236	0.999989066426234	0.999910407892327	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025329	0.965417188756716	0.992909793129489	0.989095434282301	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025345	0.979968848937858	0.997445434554534	0.979005872489504	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025358	0.99999050665917	0.999998873387095	0.999989868103493	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025372	0.995266874170809	0.998568514361888	0.999636586562556	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025385	0.998777949358062	0.999472395980995	0.997329178405654	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025398	0.938450821656172	0.559056227216282	0.635476697988973	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025400	0.990685187257807	0.998829907793079	0.999017897850912	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025401	0.933165795262174	0.983005011499761	0.976956985608734	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025402	0.956353936201576	0.97076571422395	0.999109130858041	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025403	0.996052257619773	0.995921468941342	0.997261873563478	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025410	0.890725870939989	0.719607375385709	0.952599247096054	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025413	0.993445860471207	0.998457893493327	0.999826095747812	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000025434	0.996984613231134	0.999285809766465	0.999906269480549	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025441	0.991533265068495	0.994264221252886	0.996863255185115	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000025442	0.497494159340338	0.977679223499327	0.778894920824452	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000025571	0.937528536961797	0.994134188104786	0.970829811785615	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000025606	0.994724887896964	0.99860440003386	0.999842407248957	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000026114	0.995617177105548	0.996293236720414	0.999570890982603	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000026246	0.995885321827161	0.999399563656067	0.999216943306584	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000026254	0.996619597431392	0.998485316497403	0.999892755623877	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026263	0.997124835997225	0.999846320444279	0.999560222951295	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026266	0.99317793198373	0.999967568208493	0.997892876015382	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026275	0.0758548753593178	0.386687467045514	0.706788623617427	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026283	0.999953486058201	0.999986324405955	0.999988814587792	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026286	0.999568497701163	0.999983086504437	0.999651888055666	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026290	0.999994939500217	0.999867718623894	0.999657432233772	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026307	0.99826618003139	0.999990055846469	0.998860297600953	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026309	0.998665640208605	0.999383698735522	0.99977917314706	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026320	0.997972441671917	0.99997679957989	0.999642150975082	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026326	0.970422854651105	0.908520147139671	0.930602351919493	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026327	0.999902266768205	0.999975802760266	0.999996874081475	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026344	0.401789457824184	0.894798191601895	0.783339783862104	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000026369	0.992669357216966	0.996114461836323	0.999193975006505	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026371	0.974327124057673	0.988757538627937	0.999710328478899	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026375	0.996948993809011	0.989921612414401	0.990529423121382	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026384	0.897770240461516	0.987911068772689	0.988580720991736	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026394	0.681999702362148	0.926921537902532	0.952749139276944	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026400	0.935157616214775	0.959768291679689	0.856982693369847	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026403	0.999997925598394	0.999996164720463	0.999988042499787	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026408	0.962719054628185	0.999150676558	0.982733982921507	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000026422	0.997829584823537	0.997750050440315	0.99872889759944	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000026489	0.573597065350148	0.79648323233248	0.755885893365868	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000026502	0.964676856347064	0.986821230414977	0.84064997806032	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026519	0.999626019377526	0.995818587835679	0.991609669225093	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026523	0.972169190552277	0.993506199844188	0.996598993821637	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000026586	0.327816890028267	0.550528589945559	0.974066255351152	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026604	0.997535397199005	0.992535358117368	0.990782846022353	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026613	0.998937778515597	0.999592668019314	0.99988606609293	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000026657	0.995974558667524	0.998921121552926	0.994971271268412	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026660	0.899172432479904	0.958140841818021	0.997328158448741	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026673	0.971698534005576	0.983689271911098	0.999204559126764	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026676	0.967228050268128	0.996032745497068	0.998761621564613	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026684	0.991827207897711	0.995792106925912	0.982116284569978	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026716	0.999155614610721	0.999934883673527	0.998742285291779	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026748	0.909562618067717	0.993275231601725	0.925875809755859	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000026768	0.779956623200006	0.946416769872975	0.875453262603525	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000026779	0.937976929808067	0.923997550159977	0.978155342219786	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026796	0.995803414687739	0.99784966788577	0.993209699471627	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026819	0.980358008963044	0.996058489724115	0.995742758785599	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026825	0.438053639262262	0.611228533100904	0.918480479236179	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026829	0.990449314033229	0.99780310381934	0.999779291770596	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000026842	0.999416755616984	0.999927492615212	0.999869715243021	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000026848	0.875267704829614	0.997015721369387	0.909750541236012	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000026909	0.908018272710427	0.589603095209157	0.720460446507235	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000026972	0.935591276864831	0.968923740739847	0.993762730890326	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000027081	0.794978952245296	0.938121054596801	0.964676259108759	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000027151	0.940740983131207	0.977966195761463	0.997679190766951	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000027159	0.999917227726911	0.999582490165842	0.99948449494042	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000027181	0.925126777882346	0.999287252018357	0.932367402683529	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000027204	0.920708479400165	0.957806379615495	0.870748908573014	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000027246	0.995654889209284	0.857453733699565	0.844236196423024	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000027317	0.999962813136269	0.99993729286464	0.999781670084724	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000027320	0.979980653040568	0.98937262099443	0.999347186456873	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000027766	0.7113950274995	0.990510777451593	0.771646886792107	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000027770	0.928408527234899	0.977716695843789	0.963758720133582	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000027772	0.99957929493813	0.999902690877475	0.999999019061472	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000027809	0.950519854950178	0.979556964653226	0.992145559799002	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000027843	0.999579531383961	0.999836679552965	0.999132004035036	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000027868	0.716654619019743	0.900990354750644	0.940877225851417	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000027875	0.875941570256014	0.965759999962221	0.979478940028347	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000027932	0.995386041591891	0.999486508555937	0.999320876611951	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000027962	0.782017889019181	0.948505644013118	0.958549188566473	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000029848	0.890463084981013	0.948655573839159	0.833501001482293	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000030257	0.993642867624173	0.988321760402221	0.996295983737106	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000030258	0.999856827333883	0.999962207231099	0.999672177144597	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000030278	0.999168562058652	0.999970098841975	0.999659623066049	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000030337	0.996195806233591	0.999529149673038	0.999619688786729	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000030929	0.91958207441154	0.998316260310344	0.969264717073061	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000030930	0.999974699231969	0.999949116835159	0.99984141299717	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000030933	0.999760717239192	0.999787964658844	0.999692268376504	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000030965	0.999778685975821	0.999980343880535	0.99993850856977	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000030977	0.997608669190661	0.999798927666078	0.999765662246747	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000031044	0.9934731930714	0.998044942235762	0.989004563921898	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000031106	0.999968595972969	0.999943044255794	0.999825394484111	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000031134	0.999957998204681	0.999995709091848	0.999984924077218	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000031214	0.931329941882641	0.994369864401353	0.808594135960737	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000031851	0.789698277965378	0.824667117051641	0.998638553892749	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000031852	0.998944058656826	0.999976823654488	0.999843616642231	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000031861	0.999250285117306	0.999773234682064	0.999990189389363	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000031869	0.998122531951543	0.998983585282152	0.99975196700384	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000031871	0.998820096604191	0.9982212114184	0.994264271245302	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000031873	0.998872203090713	0.999985437772268	0.999180792530541	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000031874	0.876579630413546	0.967691061640293	0.832087073348409	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000031875	0.939039688600624	0.99689281979081	0.998577359753495	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000031885	0.99852840494476	0.996969066957923	0.991134626302302	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000031886	0.997430582542293	0.999765947657046	0.999271805939304	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000031890	0.882901130318203	0.980019164575664	0.995592996050434	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000032031	0.99325535073968	0.999376132284046	0.993535857259275	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000032055	0.988544602434071	0.997664757725681	0.99964820484459	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000032057	0.98912656406795	0.544135817529142	0.565852014966964	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000032079	0.496992363631	0.288170136126051	0.945732030063579	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000032097	0.999920924197311	0.999929263026448	0.999899619203923	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000032121	0.978605362309478	0.995965005343074	0.996210275645968	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000032122	0.683321249621461	0.866977889694383	0.562527018433348	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000032137	0.999492120902868	0.999307993004588	0.999587096218644	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000032187	0.898592020299972	0.964536279059871	0.983729624886872	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000032217	0.717730530909532	0.896520795322379	0.896609351471733	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000032223	0.999578088837892	0.999603078687557	0.999654305014375	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000032227	0.987875480451598	0.998223769340262	0.999338385599036	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000032234	0.999632042250805	0.999942162228184	0.99992805258546	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000032253	0.985371157812759	0.999938801438363	0.989239543706938	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000032288	0.995734698495393	0.968051074072167	0.952116568059351	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000032289	0.997962946425428	0.914432924216525	0.8923386415434	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000032301	0.960090575470527	0.996101200719671	0.955893595501465	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000032304	0.997428169282575	0.999520615710662	0.999735145157367	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000032588	0.997793630058764	0.999397974489861	0.999965446304201	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000033137	0.867584735987538	0.953284504346446	0.971079164048165	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033140	0.994529574739661	0.999020679633419	0.993146886260861	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033160	0.608154141718868	0.943893930942677	0.870322188953406	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033167	0.971877645607198	0.996715171931643	0.962905070620822	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033170	0.963485950280711	0.998318494604339	0.978599263306196	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000033174	0.972178331587779	0.991435150246382	0.989857544148629	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033180	0.999816516267028	0.999744196818172	0.999286184632825	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033182	0.999703668748708	0.999902701876946	0.999971622174294	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033186	0.997774690065896	0.99858504885868	0.995003592146987	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033190	0.999721499404272	0.999875226064227	0.999892153529806	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033197	0.944129814060313	0.938245709146457	0.985280259519655	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033214	0.995594084806456	0.998974958465477	0.977963549299463	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033217	0.78015334131967	0.888721369209353	0.931014282139212	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033248	0.995098984455518	0.999026318020066	0.99807024248159	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033255	0.99870513083158	0.999363393973541	0.999843412079276	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033267	0.916867424864836	0.993142361958041	0.985914518533527	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033268	0.800726817478997	0.934841036108167	0.977763280559285	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033290	0.997687053234614	0.999016713004514	0.999772749007604	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033298	0.999715288369831	0.998699098485561	0.996994247695256	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033299	0.677216510652618	0.919258729164267	0.838964106996636	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033304	0.694331992556924	0.999947220246427	0.722984484852133	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033313	0.999895710010413	0.999964594732643	0.999833573805064	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033315	0.948608190664092	0.999160904485524	0.969504171099476	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033319	0.937496638193697	0.993491519372281	0.920534065325858	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033322	0.999635094441269	0.999937145688515	0.999992510624713	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033331	0.999884689551602	0.999951819393576	0.999990252207022	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033333	0.999595896188562	0.99990844844659	0.999944801155946	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033334	0.948385684902549	0.9974444612833697	0.963069578513571	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033339	0.999994238544566	0.99999581229945	0.999978116224586	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033344	0.990454243976894	0.993003286981985	0.996894935914217	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000033351	0.793841895217427	0.979268331472398	0.869842290231705	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033365	0.822385039075888	0.816665303620698	0.981259632374106	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033367	0.991714512195952	0.995030809119306	0.999861954678627	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033395	0.995996365870182	0.99850579691114	0.999925390346283	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033412	0.972500669987459	0.987782589523957	0.99961677355945	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033413	0.999614329925241	0.999822812547534	0.999865355414142	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033422	0.937890269247422	0.999161360877704	0.998239620090807	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033429	0.521653986889515	0.957330659635363	0.859638305192822	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033441	0.979109221911673	0.722803673493852	0.753033988789173	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033446	0.996090043903213	0.99959471780741	0.999556925735788	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033449	0.53193206539635	0.756190146192644	0.829291319294684	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000033453	0.999985999755864	0.999999147298736	0.999986237887097	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033457	0.999655059458406	0.999846605827557	0.999874650954067	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033460	0.950481800036829	0.946297156788273	0.979484379032877	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033464	0.923794085844976	0.989580298424561	0.993577308977157	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033486	0.997680062263465	0.998853097409327	0.9995681714898	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033504	0.99974599108997	0.999918693628341	0.999979761079462	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033515	0.89435187873185	0.9944177967214	0.902024381841533	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033523	0.956570768319694	0.958105933901988	0.886488600708913	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033543	0.999987108591843	0.999854154457778	0.999640181340559	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033563	0.979299891812462	0.999035248017554	0.984704209475102	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033603	0.982683631055621	0.999503649459386	0.990255364549687	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033621	0.79041559430513	0.984796843224657	0.974461825746513	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033642	0.653965720910084	0.753903055279397	0.996157636324503	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033648	0.999415314508763	0.999979205457718	0.99987531531661	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033657	0.989526152850526	0.999709116034901	0.991157166741443	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033662	0.9999496238336	0.999951511290285	0.999769331978401	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033669	0.999537361210842	0.99914515741264	0.998817961267487	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000033679	0.996973397587283	0.999975200257232	0.998092098159933	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033680	0.819376612158698	0.986827519167937	0.884912192659649	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033685	0.979128984002742	0.971067012946164	0.985890721546505	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033690	0.880696244272989	0.899524435487782	0.657927020589312	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033702	0.999739509216032	0.999570737958901	0.998630116345846	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033727	0.995389026400064	0.999227098251687	0.998423431373268	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033731	0.998618521726483	0.999114241693677	0.999488360797457	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033735	0.997308504206979	0.999331271750953	0.999906820094631	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000033801	0.998821977349943	0.999970637533715	0.999261444195206	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033803	0.329501977976223	0.729014988373338	0.72788374643853	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033835	0.634200896748344	0.68750221322543	0.949000277626086	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000033891	0.997818259597467	0.999573860064919	0.99953662905801	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000033961	0.994119428600313	0.999428909896525	0.99776611671041	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000033983	0.998725470599422	0.999541514392335	0.999939047452603	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034005	0.988829588669582	0.996577103809662	0.99965020595467	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034033	0.695192924833634	0.881005293347934	0.956901899499357	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000034113	0.665887183639029	0.988306114720356	0.993161988241284	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034138	0.87077864734571	0.791775026342082	0.919072671697245	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000034154	0.659659313884204	0.369685379847635	0.932358344383524	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034159	0.588180318540423	0.894837510188307	0.675726349571928	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034185	0.855100038833179	0.992981644294173	0.929766620342683	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034193	0.992892637110493	0.989316989681597	0.991185959946631	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034206	0.999906223595327	0.999915267246411	0.999889888178869	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034222	0.949267762331939	0.982895627732205	0.993006866442083	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000034349	0.985084404965804	0.983333359810653	0.992749103021034	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034360	0.810267478877304	0.793055562943334	0.995641657066895	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034366	0.877219445919072	0.747713732515269	0.56145775488029	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034373	0.999877337062661	0.999987789783738	0.999991624079384	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034384	0.815422273321997	0.990715289958352	0.83952871827985	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000034393	0.873831921373696	0.981999380444437	0.940937744078877	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034396	0.999564340970357	0.999808001530901	0.999882578695116	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034430	0.690954036561877	0.912448643405197	0.970481517351793	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034435	0.975576528444798	0.98630211302795	0.999201137983263	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000034519	0.984665677220361	0.97700128954549	0.945721611339945	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034522	0.944246771446697	0.959056433940541	0.999850496446054	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000034659	0.907754029076448	0.97529273954262	0.973504494762273	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034662	0.604122699203413	0.858093581946855	0.94365055382457	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000034689	0.992622372207519	0.99750906157021	0.999989123571049	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000034867	0.983373314980242	0.998103545664952	0.994832151023504	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034871	0.998335223937279	0.937466203418148	0.902602855348632	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034875	0.714124134088599	0.844876580285229	0.972932187650892	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000034985	0.883934493252929	0.985350714024895	0.979345661128532	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034987	0.996853928472344	0.997945106890877	0.999732658260317	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034992	0.971469287073396	0.996043748074041	0.998721634157147	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034995	0.999564489966646	0.999376684885772	0.999518915515802	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000034998	0.999278548640862	0.998722420457748	0.996177646448787	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035005	0.764809194532439	0.9580134713088	0.905211359564854	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035018	0.314535127629744	0.78120283471151	0.501846944074007	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035030	0.999942987090729	0.999997461848412	0.999982938659306	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035064	0.217479365521429	0.994540939881458	0.268690043679022	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035081	0.961493390301558	0.98999846881944	0.998960791202079	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035083	0.999959330633917	0.999997084075381	0.999987744519641	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035084	0.914809380129332	0.99823173425861	0.932454926720683	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000035144	0.975994546165922	0.95979520149761	0.893950094921608	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035158	0.991819285872168	0.96744423310374	0.976505540953891	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035174	0.999859793137683	0.999844044197222	0.999415429417418	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000035199	0.958648255462948	0.940635587975536	0.982421003025626	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035226	0.999972546594212	0.999996240152796	0.999997599331917	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035230	0.999009054288638	0.999932087669778	0.999504727264956	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035244	0.963546392096772	0.999960803802301	0.971250880199963	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035247	0.968383713918196	0.997849687593685	0.987571183014329	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035254	0.981856381742921	0.998193116716958	0.999548815467192	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035265	0.993487751358916	0.999664572712629	0.99775934137982	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035286	0.988434430676886	0.987922105780739	0.998302751397117	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035323	0.986709692769162	0.999101470267668	0.998803371803558	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035370	0.99931158162068	0.999838007382951	0.999986195676807	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035437	0.999876150758458	0.999990008541307	0.999965108041951	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000035587	0.993584262518516	0.998718429272124	0.999821489802185	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035615	0.999995922795365	0.999996705402919	0.999986602397387	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000035705	0.643666339255556	0.342980541963372	0.870335969671843	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035706	0.933207920923011	0.94060575149087	0.820758801854195	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035726	0.752822042771678	0.962009398891591	0.531100388872783	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035735	0.995764404997407	0.998889419287291	0.999782808888513	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035744	0.999959767599978	0.999996389096128	0.999986757345419	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000035844	0.998372525433922	0.997256000614966	0.999545193197123	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035858	0.89999154768879	0.958926514445442	0.996345845654741	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035907	0.998889875424934	0.999697901182309	0.99999462290567	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035958	0.999646729007225	0.999921222683445	0.999988779179093	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035995	0.974130449186504	0.997824033049603	0.993146058070527	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000035998	0.839347721663989	0.756374330169584	0.952964367079668	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036009	0.999921633744081	0.99999764652209	0.999947445289788	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036016	0.999836130585112	0.999874839860627	0.999819518053124	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000036078	0.686285557308038	0.669146686605145	0.993892877200645	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036087	0.973301260043924	0.980084423934344	0.997044604174386	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036099	0.988885655188229	0.997218229270058	0.99539140433981	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036101	0.994791031195905	0.996666741932425	0.998389268554633	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036127	0.924828325825929	0.996953984657607	0.945255359980272	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036183	0.999997555448825	0.99999597217079	0.999988623529783	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036224	0.736941288832399	0.763252783329148	0.474929823211424	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036242	0.95794081405407	0.839152662575328	0.740817314462929	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036260	0.749007098124242	0.8791655002641	0.938209933118695	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036262	0.990931684949897	0.99932225163345	0.997587180341985	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000036298	0.953459225059003	0.982425001969401	0.92420234610454	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036363	0.873318159141527	0.983497264273653	0.966485406438824	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036367	0.94882585678452	0.872089088673918	0.965691562923031	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000036400	0.91088196149963	0.818382209124016	0.906803891810711	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037087	0.951952912413072	0.948982452266735	0.980673933043616	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037339	0.980865484971886	0.916307966305436	0.919707569654527	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037375	0.998871937146442	0.999957037910639	0.99966524827381	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037377	0.990798663406028	0.997524193695573	0.999801064115279	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037383	0.951734609571214	0.98252906379777	0.998853934106645	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000037456	0.99392065357607	0.99905252011397	0.997320414041512	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000037508	0.51855686243102	0.838088274943468	0.961764731494962	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000037523	0.801858694515845	0.992588787251837	0.707013799028439	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037526	0.280752958479812	0.233134437684255	0.997288448327666	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000037537	0.835791394579044	0.893149386598416	0.962601163070825	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037539	0.813920541660096	0.838309312811084	0.997023013156492	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037558	0.774426995132384	0.660607933840405	0.946303221854076	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037566	0.728269000862289	0.971133027187515	0.932553954366394	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000037605	0.867515951262142	0.999281453184282	0.977747019113195	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037625	0.38417580300018	0.962614369703976	0.398186066140769	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037634	0.784838612390574	0.539560220427	0.937011689840689	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037640	0.856234065865033	0.986388268071901	0.980058367712188	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037644	0.694376882879723	0.848328791878496	0.830112893702818	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037649	0.533578434057423	0.760188572320968	0.887393680262279	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037651	0.981076027115931	0.983446466191698	0.948030157279283	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037673	0.656261815813689	0.927050949834117	0.893626349002816	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037679	0.97890702559522	0.999936741585005	0.986184538811579	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000037702	0.884758139667616	0.944918740838657	0.994925877732526	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037703	0.999020205195281	0.999649130685548	0.999916579023796	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037721	0.976751714796175	0.989211563960125	0.95977538942096	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037726	0.979923135874334	0.994419575280196	0.998938251315918	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037729	0.943254817908737	0.997218798120987	0.995972910057246	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037735	0.842940951319763	0.771340741665338	0.972296697504743	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000037756	0.808005773922586	0.984826011530147	0.864101768956864	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000037803	0.998226722986491	0.999933061978604	0.999247539617031	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000037951	0.286909210717587	0.518783313016082	0.868907407352702	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000037964	0.953288132644068	0.994656037043119	0.969855836071733	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037972	0.984753622991524	0.989075457923249	0.999311079751903	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037980	0.975856035386979	0.989919549380223	0.999819755738854	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037981	0.956729078220119	0.974325176762096	0.99956322890993	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037988	0.538319348619531	0.890394729063587	0.886519606201279	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000037996	0.99998747459016	0.999974658274401	0.999898523875561	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038011	0.99537543320954	0.991803125581799	0.994361888526697	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038020	0.610417279122939	0.492648823494427	0.946892881740814	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038034	0.805126724142234	0.861449430258062	0.999127660254853	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038042	0.561565667007669	0.549492181662088	0.983228182923581	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038045	0.996248509951634	0.996524264074538	0.997348906529506	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038048	0.970008672412277	0.860639516910463	0.941792096390775	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038050	0.99179813286176	0.999069338033832	0.995589781547883	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038051	0.999696129379372	0.999995679408867	0.999824527444812	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038055	0.986508697491329	0.955296404581558	0.896417821196357	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038062	0.990741756789716	0.999485735950946	0.991194657448482	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038064	0.994863780634079	0.99986991816105	0.992154592721542	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038074	0.787998531082514	0.709852879624233	0.925522798036002	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038079	0.963546025642699	0.92360399234658	0.968568249073617	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000038088	0.99933821852075	0.998693693929526	0.998075639260546	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038107	0.981506040157853	0.969544259530429	0.983388449816334	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038112	0.854324967555743	0.998751819228407	0.865181138364075	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038115	0.998961580158602	0.999490000273623	0.998257149974976	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038116	0.99601384833763	0.99932622248306	0.999876599060912	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000038124	0.49479242337749	0.498020674639135	0.995193075218997	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000038128	0.351871571076052	0.429312154941118	0.825348640721786	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038132	0.952308557530086	0.947599281869891	0.980433052176246	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038134	0.925263133008208	0.994133139437231	0.982349565139769	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038139	0.901676686365797	0.979637553667954	0.954821562391778	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038141	0.99984891098272	0.999040702182814	0.997225709375096	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038151	0.999432933999451	0.999965225022558	0.999753671991412	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038154	0.850770901916087	0.911942922189167	0.756304485104972	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038156	0.997647308539256	0.999721668670042	0.999569078422419	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038178	0.934546310198057	0.99628186298557	0.991213371780118	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038181	0.999870317905773	0.999992912607121	0.999944707677691	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038186	0.999712785392038	0.999788789216022	0.999871392121605	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038190	0.999964184007855	0.999985820934186	0.999989180292893	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038195	0.95657594401994	0.990991768552786	0.999416974383946	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038221	0.706529436898598	0.972564185364416	0.813741703499757	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038233	0.172032188478293	0.959682244851046	0.203753826355004	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038235	0.943145099861592	0.987303240889456	0.999106874683608	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038240	0.999345371514921	0.999931160097091	0.998995742115062	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038241	0.993482292380037	0.998614229013324	0.999883774319075	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038251	0.978695426332755	0.999214154279053	0.990344036332821	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000038286	0.787526318249564	0.964628895999901	0.885073861412982	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038298	0.999872855746524	0.999978688624463	0.999982689826125	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038306	0.921683676106846	0.993072390980696	0.91157161052684	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038316	0.999537082602474	0.999455254759807	0.999699991049556	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038321	0.760182315037242	0.691856008561812	0.934894079806286	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038322	0.600723281196191	0.834821308635567	0.377128873905779	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038330	0.971706417867312	0.996808101826734	0.998486807157778	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038333	0.998605246685389	0.999920664074364	0.999678359930614	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000038375	0.999459199508088	0.999863129027327	0.999999769738333	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038377	0.954102140526286	0.985565388076036	0.984143946320717	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038381	0.997834545142486	0.999850283997354	0.998905082823988	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038397	0.788357234230215	0.796836712449556	0.991666776360378	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038409	0.996285760590275	0.999140463723003	0.999945937151105	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038428	0.995421938343631	0.999165384887737	0.998507714086423	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038430	0.982787084368714	0.939104584326816	0.860272076992173	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038434	0.942304158797185	0.983677150950242	0.995460791936996	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038442	0.949629739879306	0.95449969790408	0.893303211965703	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038462	0.997529577371747	0.999875394724373	0.999965366727497	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038464	0.963755388279418	0.811492093031625	0.722619526279817	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038477	0.995992622218571	0.999449422636575	0.999338414220409	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000038487	0.999246098448978	0.999997872104299	0.99941148284254	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038488	0.99450033078447	0.999181438793513	0.999697552653528	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000038496	0.0350160121904114	0.3228308191755	0.73926113654808	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000038523	0.928101814515989	0.868221286467121	0.701720235499928	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038536	0.999586804700284	0.999749378933536	0.999783572980519	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038540	0.992554876732307	0.959075132253099	0.958187196171825	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038541	0.996286365507841	0.989491758243733	0.976298708782759	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038600	0.901441912743708	0.954127237159062	0.958190700353185	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038610	0.863832399207242	0.900446267518351	0.999971678642824	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000038619	0.926530431106699	0.977353703238874	0.998648772591386	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038620	0.999554351805902	0.99981757607833	0.999964344931043	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000038652	0.999439678548191	0.99982656599798	0.999959340455224	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038674	0.973237926332038	0.968271401044292	0.99750419579269	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038682	0.993801437729524	0.999220307288859	0.997412160906313	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038691	0.996953579708682	0.996840502351831	0.998244819255598	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000038696	0.999899879341131	0.999987568550426	0.999982803480403	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038700	0.875384155013482	0.974679037529069	0.850278263515664	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038702	0.954800615054394	0.985778176030782	0.986049725938713	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038715	0.924455919791285	0.267369947265172	0.423538189964462	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038716	0.997822854151844	0.998674345036711	0.999428384614591	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038733	0.880968296293897	0.969207455806861	0.967743893982504	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038735	0.687713470820437	0.90745040779686	0.933354713009952	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000038745	0.991639748782923	0.99626876412589	0.999923965409603	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038755	0.988424958484101	0.995469632381814	0.952423921378967	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000038797	0.812610997506164	0.750033494792939	0.941935553675131	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000038931	0.996470980213192	0.955420435108604	0.947006554217462	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000038979	0.999874998933795	0.999985241524463	0.999869130495412	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000038981	0.968334141830223	0.781217703677171	0.72270065642038	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000039035	0.85962994352671	0.627440126767297	0.775438998000144	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039049	0.284153182089377	0.758865929355647	0.614188447406105	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039050	0.969577749226313	0.994066901592513	0.998278340998546	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039071	0.99996680094853	0.999957428066109	0.999849099454162	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039075	0.999987198114993	0.999998010151256	0.999986429529456	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039080	0.869099778415558	0.807512427609421	0.940205738226765	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039086	0.170017052681164	0.707293358255261	0.463040500958141	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039090	0.994234097451871	0.999813871836826	0.992861537055907	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039091	0.86842565727165	0.929079097394441	0.977998828628346	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039117	0.969419575884618	0.993052586530475	0.999369323126934	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039121	0.99237192154101	0.997855439040569	0.999799544432253	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039129	0.983185889938504	0.980327268043078	0.986923130113185	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039138	0.967210046001732	0.978461392735043	0.999599200995449	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039153	0.999976921441608	0.999985668559946	0.999977047250116	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039160	0.839140253300417	0.845735677531927	0.989427894515966	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039161	0.99990235664536	0.999997757143015	0.999952258810523	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039172	0.999976196959834	0.999991618819686	0.99999291713501	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039190	0.548373379486229	0.986963534558234	0.786204907073068	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039195	0.746678316692848	0.828567635826995	0.994122159175332	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039196	0.449576206368476	0.640372359259247	0.842972913442231	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039197	0.605670792900305	0.872813987489242	0.84292897567636	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039208	0.963352253636385	0.994989289800846	0.997087062319703	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039212	0.985166612632567	0.999316892074202	0.991073753450726	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039242	0.999085186539843	0.999925367953749	0.999138888817449	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039246	0.999100349393963	0.999946226256559	0.999562478023965	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039275	0.977330033516606	0.996894948777715	0.995595986644301	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000039292	0.729946287437172	0.958840231311053	0.793396145791148	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039307	0.920931943932836	0.985559257978094	0.998583478214634	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039313	0.983398943649178	0.999206270374225	0.990919588905896	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039316	0.986873576437787	0.996395416907587	0.998567391401058	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039319	0.963224417589977	0.477759469011575	0.43893336903643	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039326	0.939035418023028	0.947693218346756	0.617165117914631	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039328	0.835918295099486	0.981293185611189	0.772192640401995	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039329	0.768875822593227	0.388563983977259	0.646949867042868	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039335	0.477476530977003	0.926425368089726	0.641248816730013	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000039343	0.984239944115259	0.984860985592472	0.99751116910506	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039366	0.835405740739213	0.842754762357745	0.984870561234961	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039374	0.999811226705499	0.999984995053621	0.99996100629627	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000039391	0.991825068233283	0.978604785198526	0.977084667079905	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039406	0.680532541708118	0.977408032281874	0.872718596240435	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039415	0.999304995711644	0.9997953862194	0.999988754707206	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000039462	0.96294538982206	0.821643286452652	0.688116409866358	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039466	0.871864863789416	0.995897030184787	0.911807791014573	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039477	0.756308705882859	0.878793229848892	0.607612843353792	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039512	0.985819933401243	0.999676007265864	0.991834078301888	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039513	0.935668264325927	0.982636352351403	0.911173037788144	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039520	0.945984109497614	0.709786630067414	0.764272006023261	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039524	0.95984867807486	0.863499302966468	0.891618180204946	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039529	0.990514090216396	0.993357211585541	0.966825364302656	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039552	0.998373952674514	0.998418782113066	0.993111342245204	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039555	0.920158021369957	0.958034649146729	0.998668756235885	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000039571	0.598703443907767	0.896289740519989	0.798701358638567	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000039573	0.994250021378448	0.998822617826417	0.999824097810815	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000039582	0.972291822027063	0.983162905752999	0.997455695860668	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000039591	0.999846362209704	0.999958840053132	0.999741869768706	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000039705	0.999450245208762	0.999685559370551	0.999756473185195	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000039722	0.322818234971407	0.502562299883939	0.880635334323136	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000039793	0.99675493175392	0.999539984675734	0.999930607019844	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000040116	0.999831731940109	0.999738166885455	0.99988947254731	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040126	0.873585056548717	0.819965980451175	0.675427019439521	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040128	0.684915763176249	0.956723202523601	0.995246664301991	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040131	0.991753510018881	0.990862888111872	0.997419720999239	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040132	0.872816528912	0.970634413456527	0.762184131441014	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040151	0.904150919908355	0.966390321106411	0.784305390057602	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040167	0.977236474060287	0.843839051751835	0.852135308626541	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040169	0.999015515906345	0.999972838578155	0.99926199351792	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040190	0.971468746706349	0.905424980310978	0.932950763952391	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040199	0.998068442330834	0.999781755572357	0.999863349200067	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040206	0.98722191519535	0.998549909030282	0.981591184460521	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040209	0.998582459663137	0.999902074306761	0.998697778316018	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040215	0.999992638001608	0.999995556397955	0.999989740430588	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040222	0.800141594751691	0.717219079577973	0.958786316146362	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040244	0.975085638209513	0.847067644001137	0.858673724428586	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040295	0.905758253356965	0.964290668907277	0.996015884114874	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040296	0.919834331850548	0.99627133562628	0.919447961578887	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040298	0.938981008714287	0.993049716726891	0.996712254518208	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040308	0.998805483223839	0.999779770399913	0.999971460284295	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040313	0.981187403764653	0.997280599631052	0.995106093836976	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040331	0.749796186362492	0.992378361007497	0.76259344120822	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040333	0.998901945579209	0.999857657693377	0.999814029671694	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040334	0.999972299583128	0.999954427720812	0.999900685938506	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040336	0.980562356186887	0.996579055718821	0.992327600170422	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040338	0.961871405022654	0.999167288912722	0.925018555914439	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040350	0.988376817724256	0.996847738404161	0.99866541315514	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040356	0.898676438444286	0.975529938091531	0.956462800096647	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040360	0.945612742793097	0.908317272804534	0.957628292794697	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040361	0.9979188573271	0.999260637691571	0.999946257707393	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040367	0.866034288278856	0.922203515535932	0.990432963262558	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040368	0.999642044672203	0.999899692911989	0.999202481382223	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040384	0.998395164059846	0.998284206423089	0.998382678955667	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040386	0.540250459516359	0.849848448275924	0.697501716500023	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000040390	0.593316015837478	0.902797625707714	0.952708734653834	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040392	0.985023821786144	0.93171830233154	0.981888379174797	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040398	0.740703499166736	0.982954334686866	0.765012215343912	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040409	0.227662115948625	0.202012279784886	0.890625173836382	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040422	0.999650757628666	0.999979167258974	0.999854887666542	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040427	0.999158974304328	0.999247718124455	0.996904611981967	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040442	0.985300999484643	0.999601823763571	0.991944181448075	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040473	0.863972593597734	0.939038639316493	0.947756686577378	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040477	0.741798820043147	0.983209661040748	0.803579689201008	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040490	0.788720842458494	0.926153450037267	0.985115144838595	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040507	0.997579432200136	0.997747436076455	0.997826061643968	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040512	0.961633841306652	0.971257935675183	0.926024393974551	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040518	0.64236041932599	0.496953489714762	0.988898362392576	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040521	0.617778886381727	0.873921723146452	0.906325236989105	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040543	0.242879428749846	0.345082216698363	0.936911925739183	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040551	0.996721404498956	0.99913240899997	0.999633669626227	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000040569	0.999240378577202	0.999740572510287	0.999979623190118	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000040584	0.366857415403727	0.461799101540887	0.889209519460557	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040590	0.99027964924484	0.937103107071909	0.932153699493937	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040602	0.999888548486811	0.999980526397087	0.999996644624681	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040603	0.998992459785873	0.999807335637464	0.999855839433361	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000040607	0.989356534250116	0.99971923827082	0.991651187450169	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000042166	0.98553629073555	0.959615165158415	0.931993276708674	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000042417	0.874692948267421	0.939916021785396	0.753702068855284	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000042625	0.824228806061049	0.980310101630971	0.95353752854393	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000042723	0.600371330895545	0.940772620002263	0.779928206267629	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000042837	0.988547352997597	0.973934205629469	0.97927610072834	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000042936	0.996970847642742	0.997889866643792	0.99858467781391	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000042974	0.759071232846299	0.98121799755221	0.932337078835858	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000043093	0.946189374294367	0.961918547950272	0.998114001419012	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000043243	0.829863977920436	0.985703028670264	0.912082184015239	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000043250	0.588888298233491	0.892243012271701	0.817635826359258	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043302	0.998646343463525	0.981660059125661	0.9587550256644	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043508	0.979747699676085	0.983878602681603	0.959290219297363	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043553	0.816025891290307	0.743910295141598	0.996818863535061	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043581	0.9972030591211	0.99952477964665	0.99529387245268	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043709	0.998870023570035	0.997990299786632	0.99525534149065	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043949	0.794788274317674	0.795689883546166	0.998897501043484	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043950	0.388310513786228	0.986166843533157	0.591336306899024	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043951	0.978597183226663	0.999894107691343	0.9729789561743	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043953	0.695802771878176	0.9959023332054	0.690583271313266	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043956	0.998160736328889	0.999903460585032	0.999868998629642	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000043960	0.996801344032353	0.998946174800646	0.999918445932659	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043961	0.99346207705677	0.988131769977632	0.968415724738443	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043962	0.0989749520345678	0.884864939161949	0.212556575579639	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043963	0.605119397442282	0.849778447328204	0.879520510671483	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043964	0.984372671349361	0.976527292458304	0.982581410533028	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043969	0.51942290496127	0.971844067473493	0.464262236872849	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043970	0.966426710506343	0.998139947423859	0.98701290521559	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043971	0.990792715526161	0.997825101855718	0.999265892339037	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043974	0.987324029995026	0.99441438430287	0.999826905893476	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043975	0.991415036017635	0.998899655812097	0.996554725815538	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043976	0.986130786820668	0.999247873978844	0.996007906823505	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043979	0.74722538654578	0.969513791907894	0.704477900764848	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043981	0.998524498796239	0.999886605219172	0.999839185570616	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000043985	0.865276937897371	0.945067373697098	0.966182758880187	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000043989	0.999999437952889	0.999998450944778	0.999995216091002	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000044006	0.625169732109596	0.519046066257229	0.968988016243332	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000044007	0.774786654190604	0.989066671326258	0.889100360106372	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000044010	0.588445833331103	0.552136621505048	0.992904247132602	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000044015	0.9993260431205	0.999373683935661	0.999490828253383	0.99999968147277	0.99999999705128	0.99999997296689

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ENSBTAG00000044022	0.86476178510965	0.950374985864997	0.988686008921278	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000044062	0.770364930408265	0.905284577337044	0.960986084673043	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044063	0.407920957853673	0.793121062371709	0.880981326896546	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044064	0.771145865249348	0.938323269452611	0.988569506059402	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044065	0.906410583445718	0.920313795264382	0.992453280768712	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044070	0.84784227349318	0.97402096928431	0.934723721138768	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000044075	0.99994697500885	0.999980891980867	0.999987891527775	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044077	0.760779269815498	0.946338123886386	0.923452860608505	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044078	0.931033667675942	0.976413730429233	0.988010202134882	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000044083	0.990388042424908	0.999547857223551	0.996468279080433	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044087	0.505975093993996	0.929287611996826	0.704755185718598	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044092	0.975441175940005	0.990057293043677	0.994453185286093	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044097	0.878462790070618	0.962365355803082	0.948118373826841	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044099	0.998910674307544	0.999026042934049	0.998929506375391	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044100	0.996288746554937	0.99936878933886	0.999739329673408	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044105	0.879797726573986	0.542789555727977	0.685098652183422	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044106	0.944413472025265	0.993977238144108	0.97312135529089	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044112	0.999675016102014	0.999850808805633	0.999118940618707	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000044113	0.997512573274961	0.965762815831733	0.950284979219033	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044121	0.879600422558345	0.98945234950229	0.950843657318376	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044125	0.95989031124841	0.982962237528609	0.999122566472688	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044126	0.365784951809141	0.831552234870445	0.792751251989799	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044129	0.998909255579101	0.998929304134823	0.999058480834338	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044132	0.678627023458583	0.960068166075629	0.505340045529358	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044135	0.999984145375961	0.999979817462834	0.999949729830741	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044138	0.965113971859741	0.975854278410948	0.997268205513353	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044150	0.870013088438048	0.958013159342112	0.791397636242103	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044153	0.982088177691266	0.987484200498195	0.995809160526699	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044158	0.823528570837055	0.878808208697065	0.992470800903556	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044159	0.89384368064929	0.947606723877487	0.974150694534299	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044160	0.999355792984755	0.999146237709368	0.997365786559796	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044169	0.931137685540523	0.943985665458932	0.996807375839003	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044172	0.942509883632145	0.903816601193187	0.959773712882897	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044173	0.998070321108603	0.997303718355875	0.992027248852096	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044178	0.999257373653445	0.999837067407141	0.999925513013028	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044184	0.999992326183589	0.999997375087443	0.999984507522678	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044185	0.999287715730407	0.996203165850508	0.993110418412445	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044190	0.986094745469669	0.999765577676678	0.991827422417341	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044192	0.90009045736877	0.995517577159759	0.979761437413446	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044194	0.982543161212559	0.975850641524609	0.950267064942959	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044195	0.363199239144313	0.556586198095521	0.907729802499736	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044198	0.9747948582509	0.997862954105857	0.999584011862093	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044202	0.97888056294029	0.902044593270435	0.942809373081991	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044204	0.591483217623098	0.972390136441851	0.610876096554803	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044207	0.996582885700021	0.999346091758807	0.999851400756097	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044208	0.98056877249626	0.99124392401734	0.965079041888187	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044292	0.97615151023621	0.997603143364688	0.980657963438531	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044624	0.841746391196986	0.986610888300079	0.991853171485032	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044659	0.981411196351672	0.99955237429777	0.982328499714328	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044741	0.907949278277219	0.926021697434373	0.999489077441382	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000044911	0.786119228474053	0.605911657892405	0.420476089352644	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045010	0.882368102478262	0.993265847343431	0.934096236555824	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045086	0.998175189449975	0.999176934375199	0.999771262494593	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045250	0.81900741119611	0.980894925796736	0.901541023755403	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045500	0.855630456540351	0.987019278920532	0.994813605325316	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000045507	0.618358295564938	0.851138876744584	0.829342827485904	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045509	0.983590832919836	0.999120958706035	0.980729369962566	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045510	0.99839935349591	0.999750231835316	0.999886572916644	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045547	0.999777516828962	0.99999245418018	0.999875253084005	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045548	0.980230625361821	0.999152340446588	0.998877534317945	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045550	0.999724838699384	0.999982940313319	0.999864653690681	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045565	0.515159753853831	0.856318540248809	0.815711302540445	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045568	0.998497608704224	0.999228101731344	0.999598569452609	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045572	0.994156897164723	0.990645238139588	0.994441431420939	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045574	0.430399699477784	0.995835073402716	0.453883567829345	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045577	0.998980445556905	0.999977536705423	0.999675381866558	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045582	0.995402383164221	0.998505335160143	0.999959901930489	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045588	0.984626072327557	0.97619566620368	0.981938151986094	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045593	0.904782900287183	0.975887198182381	0.77866608302407	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045594	0.886522266270735	0.972099373165565	0.931230819737361	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045596	0.981599694991993	0.992872241716568	0.998935902193888	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045604	0.998248781793208	0.997850744494488	0.994055742076392	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045617	0.999457939786136	0.999845040236404	0.999985947365477	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045628	0.874074918791117	0.985945675222451	0.980650448738644	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045633	0.954066533755129	0.980006600940154	0.996502671896331	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045658	0.873954633687709	0.95856469833984	0.973149141342014	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045664	0.999960528833111	0.999994318100411	0.999997574513266	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045683	0.807715543659772	0.959125557565042	0.920661153045498	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045689	0.977749377662163	0.995397084463255	0.972060384836316	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045697	0.960680190857537	0.996326674496892	0.985697017216831	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045699	0.997562398690744	0.997089629279907	0.998052777282731	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045703	0.999657256776293	0.999791195863822	0.999820115791968	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045708	0.980745532885648	0.990692530930164	0.999985110703774	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045717	0.997804769914886	0.999532731150587	0.99974371278321	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000045767	0.835684499266551	0.938547068098839	0.958500099202273	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000045784	0.999403707267582	0.999095578307565	0.999489031706963	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045785	0.999430547899703	0.999992320024901	0.999635663974203	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045787	0.0311244022165908	0.0243825359033862	0.956197312886737	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045789	0.990872910585357	0.992102374361606	0.97966293858561	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000045822	0.997979166767109	0.999114347923957	0.999674315628264	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045824	0.999319615227449	0.986723213940555	0.981018012178212	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045828	0.999619658548339	0.999905056737702	0.999997888499679	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000045861	0.695179579832168	0.708580621653756	0.96833204678754	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045862	0.680316984255028	0.804956410098835	0.9689830163634	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045864	0.998745391514772	0.955987852278022	0.944061077473345	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045867	0.888542613103561	0.967367443425223	0.987089771735937	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045868	0.991779103628078	0.998280859214873	0.990566631459792	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045876	0.684175718909209	0.922739980600536	0.86255915005733	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045877	0.991421997369573	0.999385910673252	0.990973324981873	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045879	0.997630569372089	0.998343648811904	0.999079786570047	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045880	0.914943041205373	0.966195096793502	0.965572075548107	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045885	0.991916884752697	0.997993596279945	0.983591469347312	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000045886	0.994319651321355	0.999260235339591	0.998638296272115	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000045904	0.999786499997113	0.999498769803777	0.998304670832587	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000045912	0.934914809946571	0.999980556507463	0.945080996632997	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000046121	0.914604698968351	0.865225150794625	0.935566129204688	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046122	0.95257889538315	0.99386203588073	0.97799870530538	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046129	0.845120584219071	0.981773082811332	0.965539590813333	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046140	0.999988485825562	0.999889108125465	0.999654759713941	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046142	0.996158457783426	0.999764031063798	0.997926331587217	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046155	0.974865567132809	0.998789914133047	0.985471781190286	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046158	0.175294812251934	0.329436616392956	0.841009848671059	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046160	0.958561611303238	0.99898744182932	0.994838106155869	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046162	0.75032771856216	0.718541467641826	0.962522661193321	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046172	0.570612329480151	0.977052133377607	0.850112538523058	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046173	0.998643191878638	0.999981327436652	0.99897639847993	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046174	0.972921117311455	0.992687082370911	0.997671261872403	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046176	0.998193064412046	0.999923109381595	0.999821751217059	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046177	0.909451261636033	0.89556992102325	0.990297191978777	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000046185	0.999804978803701	0.999926756439674	0.99997610257675	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046189	0.998473626554806	0.813426563792696	0.790774547321118	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046192	0.99669414102023	0.995163229286279	0.996197802807774	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046193	0.889122812244486	0.959823266125785	0.846956367745669	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046204	0.999574248755002	0.999823829144724	0.999896971098306	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046218	0.961413664332163	0.993644709304354	0.975282370543997	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046223	0.998901703527489	0.99999829346226	0.999265732840453	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046231	0.948823276400345	0.995528286753543	0.903924301958829	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046235	0.954340853224326	0.999172265471103	0.958141095054277	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046239	0.978936292792676	0.995899687904091	0.994533277597485	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046248	0.975135989219886	0.998320649859997	0.996028030709429	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046255	0.99786390915782	0.999431733099608	0.999923890997561	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046256	0.834339684047877	0.891200389267945	0.982243871354222	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046257	0.936358951627995	0.966636191768645	0.978799809520304	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046263	0.791135477011325	0.946813052769645	0.905700476805453	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046264	0.997636334587804	0.918993588260571	0.899245959557212	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046273	0.965775186916023	0.996921717028965	0.99377878985713	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046277	0.524974237420962	0.798432152522662	0.787091974240367	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046282	0.905579897235615	0.844252443872936	0.924311014236597	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046286	0.998493815895135	0.999692109626978	0.997692972585164	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046295	0.997627878724916	0.925888441316528	0.898132789362743	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046301	0.985780484571465	0.998907875891676	0.999022279470389	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046307	0.824752914689897	0.941556244674891	0.676489520951254	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046314	0.811038589724226	0.965210761776158	0.938614581658733	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046321	0.7846150452908	0.81279940688631	0.997640400531033	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046324	0.880829911279687	0.848878668315246	0.96378423290809	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046328	0.304700837102916	0.690347685330404	0.881408115534009	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046332	0.92963886140617	0.966405521227253	0.999044257964108	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046333	0.998957504388087	0.969756307408078	0.951078187729998	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046335	0.759206162132689	0.693653961543831	0.937157841584959	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046337	0.99900527559149	0.997416585453027	0.996607168142432	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046339	0.958083425822386	0.993182142842722	0.986976810581474	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046346	0.999903951769042	0.999995518830556	0.999967388998668	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046357	0.831998871678915	0.950739831546011	0.97391854739288	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046358	0.99932194854707	0.999905645878895	0.999929713573834	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046359	0.998485568498565	0.999894290054184	0.999773790167613	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046362	0.992837752478773	0.99907843706699	0.999534311718071	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000046367	0.999898212328764	0.999380529726613	0.998801437451571	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046385	0.999962911799197	0.999998488388585	0.999985372347493	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046391	0.872904033474634	0.98629793096938	0.859830919798549	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046394	0.999595770998784	0.999901738421152	0.999998394397596	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046396	0.958183713163111	0.906665652056349	0.947221308322246	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046406	0.998662791585327	0.999951164235955	0.999742076957224	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046408	0.781978116168089	0.848852644668483	0.936929026313357	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046409	0.820552078388573	0.759232409613449	0.532460592287567	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046415	0.983134862157841	0.997112514377568	0.999476930427322	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046419	0.26337295855204	0.735350029283441	0.560666940178826	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046467	0.849580191829435	0.971746414082203	0.992990810940861	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046476	0.617800751594245	0.852715368862166	0.881836132043125	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046481	0.999941002753771	0.99995206844127	0.999923206325386	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000046493	0.999955524927206	0.999999281373458	0.999976589561721	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046498	0.999865590069742	0.999896495025192	0.999499511997858	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046502	0.999012566502898	0.999556733109712	0.99979904869634	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046503	0.934254479070305	0.991490711346656	0.998447389177889	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000046512	0.896373371931942	0.919184598470918	0.987042635215583	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046514	0.991672045705859	0.998072566911448	0.999473672668873	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000046542	0.976520278784526	0.997807857520024	0.984825008256357	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000046569	0.922689852144562	0.970780500945551	0.988254222935742	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046573	0.998680179004197	0.999298819006973	0.99961063702177	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000046583	0.796491554720341	0.692644027649397	0.901687687799016	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000046588	0.997178856157012	0.997478377520606	0.999315619657077	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046607	0.997568223400075	0.99970404992624	0.995775842642687	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046608	0.939683778222133	0.987898462725998	0.981038744028305	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046612	0.998138369860823	0.999778712017396	0.999735689221044	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046644	0.8865279780579	0.982208273829338	0.99316419449083	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000046670	0.997189886059016	0.999374916085363	0.999937543983686	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046671	0.998367259394719	0.999205980982827	0.996946998772462	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046672	0.997457344231155	0.999722967566926	0.999470022078619	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000046750	0.999854173295235	0.999729311480232	0.999668018084941	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000046989	0.979440450194542	0.995310559974102	0.966530772392307	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046990	0.991429680236481	0.986857118737002	0.993028959451767	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000046996	0.990535829537102	0.997032119820689	0.999926004237607	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047004	0.996211934739111	0.998366562758414	0.993150724808433	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047022	0.532222732087897	0.909387334871957	0.790475055014415	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047027	0.997621289074297	0.997204299908327	0.998421646988958	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047029	0.346527821856053	0.852133275833737	0.237810091362555	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047030	0.093808646272232	0.191583488598961	0.846443527920908	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047031	0.999754773192494	0.999993027724079	0.999937972372114	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047035	0.993489975665366	0.999007212999472	0.9996883364022	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047039	0.374288448326297	0.737019222261427	0.679529444150519	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047059	0.970835558613606	0.964912785275119	0.983372191058252	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047061	0.99951824417492	0.999969298965275	0.999796011107622	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047062	0.941824934404493	0.993728204299453	0.998742902540815	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047077	0.95829579358773	0.973670280848095	0.999994863520879	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047078	0.528706268475722	0.94720504893457	0.933979845597859	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047083	0.612035712967836	0.895171923502496	0.281533456949688	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047088	0.872468456715343	0.760491429395725	0.909234389828621	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047089	0.999044126057689	0.999821679410329	0.999755913383567	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047129	0.294252627456591	0.713343557571894	0.751479157779454	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047133	0.977599386146169	0.99398809550075	0.998184714595908	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047135	0.999982531035182	0.999961404978238	0.999885749295241	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000047139	0.992030320954222	0.99189513792043	0.999068215354944	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047147	0.978830184325169	0.99343381455569	0.998902923841248	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047155	0.940379669897069	0.963049537276765	0.869646166713391	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047161	0.917366175969438	0.967085114309307	0.991329796612298	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047169	0.9999241427054	0.999272551636717	0.998535307967275	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047181	0.923464302972162	0.742234197747677	0.339611847750922	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047186	0.998029286962883	0.999073186587031	0.999750493189136	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047191	0.4418362965802	0.765618773388203	0.675576765895635	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047213	0.964778915600532	0.999244558225441	0.986888563061123	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047214	0.975947545294783	0.993419726231179	0.999275957992063	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047217	0.999950233762809	0.999998118543387	0.999974065581831	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047219	0.956771793227125	0.990007916138112	0.987752294424351	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047223	0.502364030184927	0.827713516340717	0.818462829182577	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047229	0.931816354205368	0.988089884935789	0.988734373502389	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047231	0.913465531515907	0.969443427370204	0.954270392322901	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047238	0.398668911456705	0.752377763687704	0.809322847558822	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047249	0.999800360939096	0.999998930920023	0.999833298742363	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047254	0.630146361764642	0.787760732244967	0.988367424238361	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047265	0.977291232088472	0.96975631208661	0.998326301416751	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047274	0.768768881862092	0.934045376868628	0.92331771816328	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047281	0.981752982022583	0.998423848961147	0.981748550563058	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047287	0.996398674546473	0.96932898509003	0.962036863174014	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047293	0.958426328470959	0.952515183322988	0.978028617568092	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047299	0.979715139532566	0.994088436720928	0.999627592196028	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047314	0.999900796140642	0.999979161099881	0.999999191477157	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047319	0.999327641790286	0.99994921986486	0.999943143626127	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047325	0.995840634546186	0.995267547432958	0.996333248872762	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047326	0.37466879512501	0.70529665617524	0.188783299171022	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047330	0.985822500326275	0.984419403108052	0.988889414006461	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047338	0.993486792536271	0.999716652843469	0.997184901828155	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047339	0.999799687299941	0.999963660601745	0.99999432602109	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047357	0.97168456476803	0.99745241210199	0.986122589730807	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047362	0.77979265670809	0.985313565407554	0.970287416600434	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047365	0.534151329881067	0.940121988545206	0.655290191407246	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047367	0.972539629577489	0.979171009158414	0.997941706553355	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047376	0.9697697652087	0.997411432352313	0.997297171954106	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000047412	0.345503624679923	0.890828508052164	0.627283760568656	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047416	0.759017163586553	0.872497373121803	0.989167968222685	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047418	0.999806060948543	0.99996387146612	0.999967036703664	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047420	0.975856941268465	0.87296106945895	0.804080879888507	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047424	0.999895341861821	0.999987270101295	0.999975328649363	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047425	0.991523954145722	0.997141688830482	0.999823261360299	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000047428	0.999069748414838	0.998035111880113	0.997678281215838	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047434	0.999934073430499	0.999809929682027	0.999352780922458	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000047448	0.933032637610875	0.950008954273154	0.994083497944178	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000047461	0.800047054034087	0.923053480614161	0.932557933975443	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000047495	0.999951042855834	0.999354294906377	0.998373603524125	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000047524	0.99836831172735	0.99987532934317	0.999672880763914	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047531	0.744531883532119	0.820349670756354	0.989454038777584	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047532	0.977199446422811	0.983436757064419	0.996339048820429	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047543	0.95899902481188	0.876950475035777	0.960336017797747	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000047550	0.999005778859312	0.999789939044957	0.999819148161656	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047567	0.959892156655654	0.953828388453087	0.986828353963283	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047572	0.991569112428027	0.991770682909141	0.994670422635236	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047582	0.999966069514169	0.999992345246929	0.99999896848614	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047586	0.61183102430438	0.989921355292729	0.702027963291615	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047591	0.893913327879921	0.878405366499556	0.701717863209209	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047600	0.747073718748742	0.972292041920031	0.713803969071589	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047604	0.790816407928104	0.883821836147377	0.590402123392249	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047605	0.761506266154806	0.755714494489789	0.998919725078917	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047606	0.999961851434404	0.999998968145751	0.999970720829572	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047608	0.990948017320058	0.995431225443842	0.999356909948995	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047613	0.937457333973308	0.959952899191455	0.999559333514564	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047621	0.188098583493927	0.599683051409806	0.651260286175258	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000047628	0.999997451392576	0.999998536211332	0.99999677042504	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047635	0.923879412433647	0.988342743346593	0.99349895850007	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047637	0.884420568276875	0.979052111088083	0.966515256111434	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047643	0.961560896845569	0.972570086222927	0.91639946132021	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047648	0.913633967699353	0.914957501828401	0.98210251224611	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047649	0.996238761852929	0.999922150017487	0.998754541856778	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047658	0.991117936919389	0.988833852607741	0.995419296575642	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047673	0.995221463498424	0.999531469696759	0.998292107507858	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000047676	0.778815990513799	0.613504787712419	0.975505368360103	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000047700	0.922893472576249	0.955084173195528	0.876684286962918	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047702	0.999638668191507	0.999973335134991	0.999941320874436	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047706	0.880311095449179	0.976579388486603	0.974464751142965	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047707	0.856924111444251	0.967609709873109	0.916338930947961	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047715	0.994289713877121	0.998512502536171	0.991635770824729	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047717	0.998399730895032	0.999763990230374	0.999887952386138	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047731	0.998661229917989	0.999738837883889	0.999851141910992	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000047747	0.999993871726606	0.999998385545186	0.999998606205906	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000047768	0.93935223715153	0.972786873347519	0.998097876648885	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000047801	0.990843524546879	0.998758255180985	0.994594189947038	0.99999968147277	0.99999999705128	0.99999997296689
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ENSBTAG00000047818	0.836881837018124	0.917625572902564	0.665981715074879	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047827	0.714362758842141	0.955729348420417	0.949329704562034	0.99999968147277	0.99999999705128	0.99999997296689
ENSBTAG00000047828	0.990613830895102	0.992834790424392	0.997559786396095	0.99999968147277	0.99999999705128	0.99999997296689

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ENSBTAG00000047865	0.849793425777262	0.929940856544197	0.983896573612543	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047874	0.999941987714089	0.999963424850022	0.999945026193897	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000047879	0.888098602842174	0.823688108735705	0.979437574183547	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047902	0.778438757319316	0.993375047618815	0.844303553660944	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047930	0.985923150475074	0.99210361909359	0.998929544682723	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047939	0.990914877234982	0.999696289565958	0.992216419303164	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047942	0.999932374656829	0.999924883541382	0.999774527593893	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047954	0.997996648586061	0.999978675522736	0.998618617527275	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047955	0.954777732981366	0.9803876316387	0.907916012855188	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047956	0.996602494384681	0.999711272402826	0.998124154905908	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047958	0.927350338223626	0.992891560912925	0.995535050986305	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047975	0.994567389664107	0.996953413146694	0.987839298733878	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047991	0.999963351930745	0.999964674984322	0.999857084958544	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047996	0.52503453181011	0.994716769519874	0.618944197397341	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047997	0.973169312641977	0.998799184257015	0.992702802961357	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000047998	0.34190905980383	0.67192670047265	0.883337530897549	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048010	0.996837257858209	0.953951196889117	0.945517007333434	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048011	0.786152211923151	0.822980759871872	0.994236338509227	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048033	0.890506459803524	0.958654623321607	0.967878511975766	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048041	0.992226960346208	0.998870124646224	0.996708206684213	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048049	0.885495280926258	0.561350323383571	0.686651123808176	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048054	0.999927845047608	0.999695503084741	0.999369435908497	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048057	0.998744755472559	0.999968278109473	0.99945458073548	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000048071	0.999869854429521	0.999963960687336	0.999995944434102	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000048090	0.999704805186196	0.999981594868042	0.999990082706372	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048107	0.999815829270272	0.999993065559775	0.999959481401413	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048114	0.855263591407011	0.963486338526981	0.812179961029357	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048122	0.760220915595481	0.847598004666152	0.991116372196337	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048123	0.897205542525661	0.932699498660614	0.986866545536689	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000048140	0.995760337117726	0.999695844292477	0.999069549417982	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048143	0.435108660473291	0.772635740666499	0.676111109033369	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048151	0.999978121476015	0.999998210664088	0.999992512337293	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048152	0.93692679741039	0.99490785320899	0.988712186941757	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048155	0.805084247873436	0.869899447802049	0.937704050558985	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048159	0.97403156961048	0.99789432806736	0.994858854031448	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000048173	0.978547799871914	0.976006788060801	0.986874545423133	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048195	0.999321053619065	0.976541198292687	0.963121193794956	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048204	0.976881352190127	0.970117586581364	0.990744358450897	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048228	0.621604745115872	0.975168381538653	0.866632843545827	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048237	0.469330406727381	0.74923048914958	0.880906138506463	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048244	0.791320600310242	0.996760852638352	0.854057112703404	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048246	0.57310046979281	0.79731519854156	0.878753151722437	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048262	0.997255083470343	0.99877777382578	0.994230405225312	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048271	0.999871884754776	0.999856460546008	0.999792431782635	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048273	0.999932050515761	0.999995807241834	0.999973784136063	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048280	0.950208407959441	0.976120385278992	0.999657162594662	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048286	0.983945018976772	0.995581258943176	0.998989081879402	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048296	0.71808666070274	0.880661785687635	0.994752754196948	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048308	0.999961618472733	0.999749544690967	0.99945361417357	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048329	0.951806186814158	0.94481253507834	0.859006432642259	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048331	0.987362150249024	0.993495794421713	0.999538353226553	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048350	0.154828604980501	0.971377758391751	0.701170740461652	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048353	0.358754989146752	0.849728153884843	0.44266768607328	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048354	0.713647252172061	0.567191963187666	0.892971943545393	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048358	0.983689296576167	0.968292907448192	0.9437144668774	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048366	0.571308983044907	0.853903528915641	0.873980474905235	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048379	0.979852984141577	0.998783071468415	0.999426418391673	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048386	0.999958347050984	0.999909674438033	0.999755665064421	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048390	0.729278259385172	0.900543319759865	0.991558134865123	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000048407	0.999085952750567	0.999602041812493	0.996423376532647	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048432	0.99835101939195	0.999639876430239	0.999745784362373	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048448	0.816296341128057	0.943342971887622	0.900307322404793	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048456	0.942975528800689	0.769002626839028	0.856655701990637	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000048464	0.185138893052108	0.220887807710728	0.797309205722132	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000048620	0.956946774516833	0.96828637336653	0.997596384748053	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048622	0.999032995115222	0.999648931375034	0.999880908161889	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048626	0.382009026578034	0.410222439786398	0.97617885109293	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048631	0.713663493287363	0.884614734080361	0.929338142714252	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000048699	0.983650198743562	0.998983491299777	0.979350439964773	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000048856	0.995238092307241	0.999370217124028	0.993199399266574	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000048861	0.700970151574219	0.658669961435798	0.31650242244239	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048862	0.764983460456151	0.833903138168587	0.975754084203896	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048871	0.862098325810845	0.802948578986515	0.953184624593287	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048873	0.974271969444006	0.980306473399678	0.994527492542139	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048876	0.820699728692361	0.79444798537884	0.988510421441156	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048885	0.99320067970443	0.999029998335361	0.999406028362484	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048887	0.630674129188063	0.846428741278585	0.883537537849633	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048896	0.999400578521702	0.999655409846553	0.99981311832712	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048899	0.932868108389748	0.603086192135013	0.727452680599286	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048903	0.999971065336867	0.999984381721704	0.999932661861073	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048906	0.833593918073326	0.997700016109332	0.84889902533913	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048908	0.948706880312551	0.964649850199795	0.998393073462832	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048916	0.548622792040586	0.936226785435221	0.637920014716493	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048918	0.993613655670012	0.966002886680899	0.978219081812912	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048924	0.733682958499223	0.978553040326436	0.849654844992738	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048925	0.947139576889326	0.970191523576654	0.996798548794259	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048945	0.999893528780629	0.999961085258427	0.999973373972922	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048952	0.980699000668888	0.999227858954179	0.99628483376796	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048956	0.868217797057939	0.922175895478021	0.987891916987927	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048957	0.999484151978747	0.999339906178799	0.999730224189547	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048958	0.855999729528981	0.947563933718537	0.992933041261055	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048959	0.956786999921705	0.998545350573246	0.968833877345002	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048960	0.99682959165378	0.993175193801371	0.999473957358524	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048965	0.998992361318049	0.999874185489189	0.999839578785619	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048966	0.997739452597959	0.994149836108311	0.986612205593088	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048972	0.981355199023412	0.883391952783943	0.887151782889005	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048975	0.774488726443216	0.90131868777463	0.945412836492241	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048977	0.997696526673442	0.99769173028806	0.997682782879858	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048980	0.717010926320457	0.771963531754177	0.974249472648891	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048982	0.977771179386428	0.995665251372187	0.991155791108581	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048989	0.799501858142243	0.809303331971765	0.988792151446571	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000048996	0.915449631093276	0.921068161424818	0.986676595867298	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049002	0.999153297756348	0.999746064547233	0.999990469398493	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049010	0.99928820054234	0.999457057678018	0.999733409432332	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049049	0.861753169286741	0.871565970393624	0.990680320747867	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049059	0.997760120935343	0.95562015471201	0.94845063436501	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049066	0.0048907921589995	0.272578655123403	0.248286785472263	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049091	0.999904926182251	0.999998238575849	0.99993541952602	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049108	0.915438142555803	0.993903336288536	0.925747275684283	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049122	0.591541536737384	0.943599360148508	0.517822402214248	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049125	0.997819997728778	0.960746525621211	0.950511320681314	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049127	0.735808071545791	0.932989338462127	0.965333951760421	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049130	0.991876396854136	0.99018447739535	0.995872248526903	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049133	0.988247742343961	0.967520607540458	0.968114886537944	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049137	0.985797706965617	0.997506798153605	0.9915103033811	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049156	0.972350723895074	0.982240093618252	0.998369936814528	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049158	0.992368872460833	0.999574954126357	0.998401641849873	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049163	0.999883024537666	0.999984775388894	0.999840025600341	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049167	0.9523150658087	0.880321384991503	0.928516998271414	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049173	0.687054584314867	0.998720962842535	0.69110353095653	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049178	0.875007504485535	0.714413509830479	0.930198301138168	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049189	0.31788487239668	0.668830237163963	0.878741386110691	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049190	0.976131937741253	0.985338218631738	0.998825379886566	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049196	0.611944441148713	0.547924200214775	0.962356895594271	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049203	0.975663294778751	0.990526618631996	0.948037388602455	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049215	0.919759072623857	0.959846836498599	0.988026797545496	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049217	0.891085802545589	0.97181597533568	0.846058186927492	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049218	0.94805289157476	0.993556912781083	0.973126458054834	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049220	0.13132036507543	0.306213323313077	0.850938511621759	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049223	0.598346189856444	0.818249136204249	0.831355211516978	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049233	0.996979475932229	0.999939424371674	0.998524686894209	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049257	0.711038210730129	0.948646637856467	0.613188739514059	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049266	0.973455050966579	0.93462612408397	0.88438180491674	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049271	0.383605216640036	0.34495426469031	0.993066130864429	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049277	0.81163208875046	0.9066305549169	0.984679884421853	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000049300	0.946537161420777	0.991391651077378	0.997831340517466	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049306	0.920068134929272	0.994387995625881	0.994342719695559	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049308	0.707999036849851	0.986167726418179	0.941753909337671	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049346	0.943822153454184	0.848426557940437	0.892776979305722	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049358	0.974367803246608	0.997707959750225	0.995026192614675	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049377	0.987358450210894	0.982026265715255	0.985828313006437	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049378	0.821856585059751	0.976081749417152	0.781390468621442	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049397	0.998845842035199	0.999702893691884	0.999987747077286	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049402	0.994885930018999	0.999038821619467	0.999924089261285	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049408	0.445907265611053	0.934766374651497	0.587118918421371	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049422	0.910447371784822	0.989750290683382	0.946915828876315	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049426	0.940458534098156	0.71798078115575	0.87893152507392	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049478	0.794967277847763	0.958890400781122	0.86816121585247	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049656	0.524236750287151	0.952894063514342	0.471307121717081	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049661	0.986282636906342	0.942175074003603	0.957691243494113	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049665	0.805425042407941	0.94023016655744	0.946350395922477	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049674	0.661191810791456	0.978032851098314	0.771819292288532	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049676	0.715678810406807	0.66632222654508	0.959924230164317	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049683	0.692766432199946	0.799660124722151	0.863272779823624	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049685	0.921389505219162	0.996731654160056	0.89480382421196	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049718	0.995312207310627	0.998494135284294	0.999012078045004	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049723	0.882610169129498	0.999429083474895	0.912699378546651	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000049730	0.983895632350134	0.996251577456575	0.995249871676761	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049731	0.999736004883125	0.999993809662771	0.999856057331628	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049733	0.957137577561356	0.984487485323955	0.999305571870192	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049736	0.992628315197309	0.996853612933729	0.988313994923742	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049742	0.918071967584065	0.890207605861196	0.956924738291292	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049747	0.936370371057473	0.919254875352422	0.975413281850637	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049766	0.999293661372415	0.99989673321618	0.999954954086283	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049770	0.907047709628687	0.846158414001543	0.553063417831618	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049772	0.996945417791392	0.999660614981799	0.998459674653799	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049782	0.8575385380443	0.935302024438477	0.988498416137928	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049788	0.999502377400841	0.999439629296304	0.999237961247635	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049802	0.994174104352827	0.999439915110538	0.998631556622565	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049807	0.625730497923434	0.804472625496746	0.938343514200042	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049808	0.984412526447913	0.998310868121938	0.984109304022507	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049814	0.927803244285337	0.980708289076304	0.962119781900791	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049815	0.895848946605199	0.935451091660994	0.770050762669248	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049822	0.990739856275175	0.981653000764681	0.962309425079036	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049833	0.999740222322629	0.999964014415154	0.999983789097463	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049838	0.573425800794915	0.995340107609342	0.584122698638465	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049842	0.992585812448083	0.993378583045355	0.980826191620571	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049845	0.958782776600149	0.986725075264	0.999370455709803	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049864	0.997204804675412	0.999461448547268	0.999727304689581	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049882	0.882813120885204	0.946411745111459	0.950333224932752	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049889	0.999838167456096	0.999784870120709	0.999642967409115	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000049905	0.880011879378721	0.928341134705447	0.998571377216347	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049910	0.990455513319747	0.999519317745024	0.999594939623305	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049936	0.151994229176857	0.266746830435818	0.753552504443165	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000049982	0.974153537956239	0.998521302937368	0.991229075446366	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050011	0.83455049809949	0.947831202101539	0.77149891739823	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050012	0.817411532399187	0.938177803891214	0.951098508077044	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050015	0.829216235562291	0.934028252829904	0.989743357578283	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050035	0.999816273054413	0.999503796879405	0.999483260502049	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050052	0.882397052272645	0.911084212875569	0.988632517862629	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050055	0.978828601881522	0.999890307539483	0.98409013070812	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050056	0.92807139400559	0.997049944525415	0.961423417293766	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050060	0.961368679672669	0.980184439545211	0.843772174913602	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050061	0.998942971347507	0.999907537910844	0.999632103509071	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050076	0.403970821892293	0.927660825350613	0.752777855823616	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050078	0.994401171867964	0.998021150438359	0.999705240966301	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050110	0.940292181881502	0.988659252082858	0.994819012602677	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050113	0.969321061819432	0.925215501202221	0.965816852486915	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050135	0.951920235304008	0.988901294741082	0.996913503630444	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050151	0.997424943633893	0.995147339965029	0.996203865861748	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050214	0.994708110897157	0.868096209781463	0.857343412281318	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050243	0.999183474406448	0.999698291228376	0.998397066997347	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050244	0.979711730358266	0.997235200802962	0.999424019107821	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050249	0.995512868764702	0.999194307942556	0.999747557906399	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050263	0.999062696380581	0.999845824191115	0.999903039501864	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050273	0.977852376267808	0.985188423405688	0.996747926090707	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050297	0.974425959648241	0.992818399793629	0.989352770169665	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050317	0.978654210669528	0.98441379099479	0.998498581949117	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050333	0.225831002001844	0.943231451669531	0.309698108848215	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050359	0.999115660921287	0.999748604311173	0.999960579744667	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050373	0.702498009504354	0.920888791166553	0.614846528306112	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050380	0.873131692297038	0.889033317851746	0.994466665550242	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050406	0.848869571955351	0.99286436913636	0.845929021182315	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050443	0.993065533457094	0.918584557777596	0.872606498107893	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050453	0.999984065081869	0.999178969282747	0.998392423771371	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050467	0.980582794510836	0.996310423859646	0.971927054428806	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050493	0.979874433030144	0.944847233722898	0.905421535655368	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000050536	0.482972949353665	0.621939018640375	0.943031511642923	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050549	0.994321890103973	0.995794183494813	0.997784836425518	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050550	0.980546061933102	0.999039718568746	0.988362133299474	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050559	0.96261301762256	0.992881956069448	0.949206874080143	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050562	0.950600239835012	0.990453781855352	0.982404688292037	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050580	0.999945282483032	0.779860409144606	0.754425602484265	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050595	0.943586905367105	0.991187309056599	0.964471488808793	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050602	0.994926700714607	0.996095607181861	0.987233344974707	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050620	0.986703408296626	0.996985318049054	0.997306407833305	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050621	0.999582591132618	0.999780581601066	0.999972891063226	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050626	0.954846608191325	0.992234277460132	0.970255159574097	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050644	0.997656411311418	0.997423840878898	0.999327542008186	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050647	0.945595272925645	0.934672511674242	0.985459888642255	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050654	0.994238809771422	0.995855487349783	0.997704725116132	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050675	0.839768534361898	0.961868107634101	0.970153266784306	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050696	0.980946399347952	0.98848638610457	0.999178800566003	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050705	0.999146785174001	0.999903137756198	0.999785264124179	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000050712	0.999765620786457	0.999994237666097	0.999963872440911	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050718	0.986139127116398	0.99989889474021	0.988718628676227	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050722	0.940205065905356	0.991937100840747	0.997205610401056	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050723	0.929192526403515	0.765757200837094	0.841526377337963	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050728	0.373188999247334	0.752124765552291	0.873451697871611	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050732	0.975453806314034	0.997171031005425	0.992401126686043	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050733	0.860179499314633	0.982589145023103	0.918358073831597	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050748	0.995219779864059	0.99013414104166	0.977790920696639	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050763	0.795393523060296	0.898647115253619	0.986929229167848	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050770	0.991475641149143	0.996516480788895	0.987400218163115	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050772	0.950265698804301	0.869734988009164	0.909783385045133	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050776	0.910026909912134	0.841470961008032	0.927754453560552	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050785	0.915238357392594	0.993479604739771	0.963123572794282	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050786	0.895245368602792	0.975042897631615	0.965977040579361	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050789	0.707707161439707	0.77214441636635	0.496481779219638	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050790	0.99239972509123	0.997981796370687	0.989182642727531	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050809	0.995019290479073	0.687488621826554	0.681945455740822	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050814	0.884881071483471	0.972338857842023	0.974781284772346	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050824	0.999962466389235	0.999991359773075	0.999937678319721	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050825	0.998443732007491	0.996411174637922	0.995392767438593	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050837	0.990862757953418	0.99832302683935	0.999078026561639	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050839	0.940079022494639	0.992049568075983	0.989748779191947	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050840	0.933314234598198	0.992824127002733	0.980747097948213	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050846	0.569742613365563	0.893098382623312	0.395958537539445	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050848	0.999106076371105	0.999379936630962	0.999449733061756	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050852	0.398475133610202	0.801282727216266	0.57566789944786	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050853	0.766516978942634	0.895526818772334	0.566846442607391	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050859	0.995242640796615	0.999655464720926	0.99889158913734	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050888	0.981589338612274	0.98403749375692	0.996098535807579	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050891	0.994322779992346	0.999959135838517	0.996740105179883	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050904	0.999946990238836	0.999500633000552	0.998587101415177	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050907	0.910455393971312	0.995079407214848	0.983227102507607	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050914	0.998759413370711	0.995090198960838	0.997457942727995	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050919	0.971034609992021	0.995108966085911	0.980797053654691	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050920	0.996759911717199	0.998676686962838	0.999974465969545	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050925	0.831627661268679	0.99681219865952	0.969870185684828	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000050928	0.251026568028345	0.984167401915597	0.238932888801859	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050932	0.824831510417059	0.959732418528197	0.953105510355845	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050933	0.953259343033641	0.998684063699704	0.998672345395964	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050938	0.936131166224306	0.899372283868216	0.948749144068058	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050944	0.744390231809678	0.623173907439896	0.893091555848747	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050948	0.998799286114796	0.999947626000416	0.999749222290123	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050953	0.954933986974115	0.99609835699793	0.915760682295619	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050958	0.841739672989046	0.900130137804731	0.645634485740586	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050962	0.998213268360035	0.998595712263085	0.993686463834769	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050967	0.998351517575383	0.999937799762969	0.999276477604618	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050974	0.976961779385849	0.999496754725033	0.9996898305885	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050978	0.818885588632813	0.911168187227393	0.665248552387587	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050986	0.997022343183914	0.999848102335423	0.998929958038122	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050990	0.938939800743239	0.844527398309217	0.902211353378512	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000050993	0.999095242728989	0.988023491885271	0.982240404642152	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051000	0.897079648982642	0.949403409881554	0.967903316874637	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051004	0.994275195498856	0.953620542291165	0.948279519198898	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051008	0.732999234437072	0.887429195661989	0.623073424335964	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051012	0.151299376216286	0.80067485866144	0.252064261504767	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051039	0.999470808517284	0.999660744344278	0.999861933901197	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051048	0.924776136527163	0.929925693348806	0.989554684361771	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051066	0.985219623783778	0.99431959054672	0.962798575749851	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051072	0.816164468765823	0.494763719135791	0.693901300974752	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051076	0.989696127712203	0.997080853522937	0.986489865164532	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051080	0.6920401760547	0.924504143110864	0.901879770043282	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051082	0.54319318383947	0.880916651038296	0.848226444919494	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051083	0.866805862156497	0.845010388368962	0.67795308580588	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051104	0.596984307235816	0.837797694568541	0.882175420156671	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051111	0.633461229154154	0.923447309731381	0.786901184735434	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051116	0.999183321806227	0.990884014561521	0.981457649766207	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051118	0.998252184400559	0.9998279821854	0.999449153596487	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051149	0.885535878517894	0.2962823218238	0.220996354838277	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000051151	0.999422468801209	0.999486194172348	0.999449988035746	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051158	0.997767183166037	0.996423124060002	0.996037122859087	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051164	0.947053715560268	0.993977771626262	0.99893157506753	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051176	0.955282795095961	0.994537830724106	0.951977232224519	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051191	0.996643676700481	0.997008377678268	0.988293440512748	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051195	0.758436626997266	0.682798985188402	0.926440997261003	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051201	0.985995662777996	0.998916279722551	0.994978758076523	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051202	0.937441833572153	0.860493795346994	0.912378374515771	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051210	0.999671733965123	0.999965690477447	0.999641973502359	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051212	0.981610361845877	0.99633287754053	0.98931401534573	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051238	0.999191532748287	0.99906464415804	0.998732503092639	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051239	0.975315973972003	0.977416270908662	0.997880312427242	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051245	0.937942114128038	0.906686137804602	0.775708564629313	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051248	0.967184144682265	0.978710413128254	0.997531152651499	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051249	0.988988490424855	0.997644170306833	0.998730528489518	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051254	0.995122426958494	0.999639572035203	0.999714496380691	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051258	0.856537443828818	0.995385082495869	0.897240532975625	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051295	0.792483450685659	0.748823325895227	0.954785170293474	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051298	0.972655674135804	0.996855465773261	0.997647590051355	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051305	0.906066380240639	0.994933890781361	0.893762564464772	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051307	0.989211356595705	0.991485010013866	0.948946742314415	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051328	0.959355027422768	0.999905121646719	0.965150878148885	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000051340	0.509067612096059	0.551518322978206	0.977930924578616	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051341	0.710165789567538	0.99868978440852	0.738155712663351	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051352	0.999954321348268	0.999982076583827	0.999978115606824	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051357	0.999674939941703	0.999839353706355	0.999867601955444	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051364	0.705929264579695	0.8112721137656	0.998151872641133	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051376	0.588521085951213	0.707165892399748	0.942952950424304	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051386	0.966717771748863	0.986518660893948	0.997464705263915	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051395	0.899598434502008	0.997629113160293	0.928063330268504	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051401	0.965974099799983	0.897918235699818	0.946225394072186	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051402	0.964881949040325	0.941461468658215	0.996022372493413	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051406	0.924965208365706	0.947720724534194	0.9976191498696	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051419	0.978686507547282	0.99867983797687	0.980197570815355	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051435	0.845449354887452	0.97963574793867	0.974698113109434	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051443	0.994139001844126	0.998054197196287	0.999481304398056	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051448	0.969459532795363	0.9849284440266	0.999901425576164	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051451	0.987266170301884	0.968125232407889	0.934209108012362	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051452	0.722378199975412	0.968323965635098	0.885977173913234	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051457	0.439778107103247	0.339631318985736	0.958864988427121	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051459	0.29296741645539	0.961723045381366	0.253194358094016	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051461	0.825341148183241	0.876059909625314	0.989951914280825	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051464	0.900403180976412	0.956849094914085	0.984663802620105	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051466	0.929217810155003	0.83242887036723	0.919565678573891	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051467	0.937908435204452	0.955618469857529	0.999165851257463	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051472	0.997162014439589	0.984456361037718	0.968676940851481	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051479	0.881021219040421	0.834633191675631	0.979045895346377	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051480	0.95912263235415	0.997956594314703	0.992966343711652	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051486	0.991072291315747	0.999275124916493	0.996806959740183	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051491	0.993123109053161	0.989366636650776	0.990098968033771	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051506	0.990064244717776	0.998992661650483	0.999809939652347	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051519	0.99708994136125	0.995735067201687	0.997623923808053	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000051540	0.928111913542753	0.908697734753001	0.807815024580946	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051541	0.973477322215329	0.984079921899746	0.998229312728631	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051542	0.9930696769267	0.998209419560095	0.991178912539872	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051560	0.704779463349936	0.822496686737519	0.874129007396808	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051572	0.995736657313005	0.99892920101502	0.999708175179628	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051586	0.946737393758487	0.993764571181136	0.98708431066911	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051604	0.590691277980458	0.704113332902632	0.929599623309718	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051621	0.989675079833651	0.99967907599911	0.997132892060509	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051625	0.50787687244452	0.789486458986743	0.787424424454898	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051631	0.924884163351915	0.992189931080387	0.990912743674388	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051673	0.996896084318902	0.999741694847399	0.999248227091399	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051675	0.756098246782328	0.585231678933576	0.888806224223902	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051685	0.993786874032141	0.998973903969289	0.999727305693551	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051697	0.989155020939363	0.979330824478342	0.953744126375564	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051706	0.998907633317943	0.989280947008021	0.984358960775486	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051738	0.999075271269665	0.982108841456899	0.977215484404714	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051744	0.993622138625237	0.998253798819151	0.999349038291237	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051745	0.999991958546279	0.999998628654924	0.999999233921346	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051746	0.91582210136035	0.971418484255793	0.954590090502575	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051752	0.980697183189051	0.976118834114445	0.917442694780258	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051755	0.994867002864557	0.999630333060774	0.997608949294744	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051756	0.973908039126393	0.999307009890332	0.984220766304259	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051765	0.944775547056419	0.964988027558718	0.997899957576939	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051767	0.769574008691027	0.936001677613707	0.932986101013534	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051768	0.947863102626476	0.938696999906486	0.985333305581852	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051780	0.976756540208326	0.75195336800023	0.786068911110435	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051782	0.840950762030258	0.965465885838864	0.900957021450949	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051785	0.669347681717301	0.926644092121928	0.598858361871661	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000051794	0.968997307862731	0.98978300909193	0.998841968550713	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051801	0.694936232238971	0.982900561647115	0.921521650541217	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051809	0.999807193600426	0.999961353553896	0.99999702569265	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051821	0.969550135796757	0.994614456669574	0.965300078699962	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051897	0.991113977466515	0.999233941199408	0.999365951686397	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051904	0.921702078588737	0.900364218158642	0.979846935421973	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051910	0.475364028543291	0.500218655859017	0.95876776546211	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051913	0.92384403440241	0.991784781192644	0.950255832678666	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051936	0.792457569512824	0.99578637226566	0.987218425348874	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000051967	0.119937607406738	0.409730484647267	0.438485513630258	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000051972	0.595719856571717	0.996756301898512	0.818327774839133	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052184	0.931826424067693	0.842232957769931	0.653889351642223	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052272	0.998420009437897	0.999939331245636	0.999158307251877	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052273	0.440434841850831	0.894808156184296	0.691076323153086	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052280	0.943116617437996	0.987788593468722	0.996183011864525	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052295	0.947250564707689	0.972155250070331	0.999419809510102	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052297	0.995989532191228	0.996188852161778	0.997546266816375	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052306	0.997485888082052	0.999059717023834	0.999931814603288	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052307	0.685796140753249	0.881015163218223	0.9529153546254	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052310	0.989503355039026	0.992539161659368	0.99857029647027	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052317	0.979535747222685	0.963244446735805	0.988248011360011	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052323	0.9965708526467	0.998309234844231	0.999893062801886	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052337	0.999270871119554	0.99976940036576	0.999979239075698	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052345	0.915054522272041	0.916570555879564	0.998393004089154	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052347	0.996286909894391	0.999280911147195	0.999326321712524	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052348	0.0237980233637059	0.998471584338626	0.0190046085252558	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052374	0.988640324573594	0.999242602321403	0.998567912880213	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052388	0.966329532781334	0.960576283964336	0.985139206649705	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052391	0.989602891415329	0.998826122563743	0.99685514414142	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052394	0.756604839055161	0.671480602589177	0.957087944946658	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052397	0.993571681887297	0.457471352248383	0.471992377100374	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052404	0.992498495588251	0.992298745771668	0.998935783366998	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052413	0.995568833382485	0.999884123392531	0.999616386756743	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052414	0.847629091406901	0.975213517950567	0.902404266451705	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052417	0.989796057396701	0.998026927946505	0.999317243303606	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052431	0.99583925126427	0.958842303675599	0.951361747703638	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052443	0.999504177553941	0.999683030610542	0.999909929388526	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052472	0.934410951576375	0.978901487275631	0.983919006812689	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052480	0.593364269689095	0.685715500123144	0.951798019284912	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000052514	0.998233779482933	0.872113813301744	0.851610005931935	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052586	0.926290964176128	0.999821968129571	0.934927988743113	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052606	0.999466921241301	0.999964281397924	0.999756221101345	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052626	0.972639594089079	0.999311844525305	0.98253576397812	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052632	0.991653260533027	0.999065614498637	0.996056612387121	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052635	0.9941366681189	0.975611414694143	0.957397164950748	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000052642	0.919453756581676	0.979824695049263	0.983128494500254	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052673	0.980930821818235	0.994506525855752	0.99899086662553	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052681	0.998847663216427	0.973436345973349	0.963634664729408	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052707	0.895431546370574	0.992724093941246	0.970485933666596	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052791	0.888194560832573	0.999694647591256	0.938863430753748	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052796	0.99844009864919	0.770967437181176	0.758906561764598	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052883	0.962304421147776	0.978036055303493	0.997734716029391	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052906	0.999231113426439	0.990871099765546	0.986075511416181	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052913	0.983050054201628	0.944314830332687	0.906639659351274	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000052982	0.944191853743209	0.973686040744225	0.997165433789689	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053051	0.982690478931823	0.998488747078705	0.983250489637134	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053073	0.852597728370081	0.84846525839925	0.565699380455787	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053086	0.996647627419402	0.998159848753722	0.993615690862165	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053129	0.988652401166959	0.999551021137349	0.992325131537257	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053131	0.932498261024544	0.989570011783008	0.98160375845245	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053132	0.757699326173298	0.982038417416213	0.950463076806214	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053144	0.854332551151202	0.883349059975191	0.705663875094859	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053153	0.967941383599553	0.963445743968961	0.917381805062422	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053156	0.994670542512855	0.995580416539431	0.999315322042275	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053161	0.994600730251013	0.999997298215737	0.996114996112163	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000053163	0.869962473483506	0.903856733782169	0.999789834923756	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053177	0.790996618505655	0.870741143135513	0.943996470992702	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053179	0.559929627410773	0.764917226512842	0.871902749402403	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053188	0.999274202307354	0.998507537055982	0.997843644206975	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053201	0.947749451686779	0.92301989168302	0.962839529382165	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053208	0.979674915283262	0.999469876158658	0.982677596552796	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053210	0.997872797710672	0.999222754235137	0.999931708245206	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053223	0.981391981788603	0.995295063240521	0.999668916087449	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053232	0.951835731947081	0.989408533930238	0.977493698065813	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053233	0.999473331835386	0.995269055278193	0.990004051517492	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053237	0.964098031798765	0.992988512253847	0.931701409354799	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053238	0.997550329650385	0.999289962316273	0.999910158866676	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053244	0.999314868482761	0.999983165482987	0.99962204509248	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053246	0.783289226158038	0.943654405471753	0.972434940558381	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053265	0.915415930479755	0.653570426459234	0.53455690731282	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053269	0.969805340729794	0.995877107457434	0.963354665084494	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053271	0.220244950821193	0.668603465630599	0.602878705877348	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053284	0.212109356892993	0.503658476022533	0.798787728729844	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053289	0.990171510984916	0.987524611944033	0.965381771345782	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053294	0.988229668957994	0.98766358834673	0.973268048198799	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053296	0.998681657222313	0.999958350125478	0.999707282486835	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053303	0.999535881171585	0.999775709415073	0.999824385620161	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053310	0.966204756123428	0.976785430937382	0.884145140143534	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053317	0.642865383258845	0.901108686666013	0.758102243678756	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053319	0.918421679639884	0.979613467204894	0.99489268898112	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053323	0.983862884592278	0.999060001206845	0.994569739102302	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053343	0.99619558685233	0.935239212032641	0.925980025343995	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053346	0.998855219198473	0.999381773590093	0.999577652747381	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053347	0.906249741740399	0.883287009449434	0.977492277724036	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053355	0.984542575979627	0.954138141624114	0.973975324845285	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053361	0.672846100405537	0.995051035101765	0.654753657169867	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053365	0.437762751373238	0.448075123992714	0.992246257878192	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053372	0.999934735768132	0.999978715271267	0.999985919986058	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053374	0.999900700416859	0.99999375142145	0.999934686714027	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053378	0.327925182963276	0.455609666479486	0.967574038745057	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053385	0.971750774441847	0.879098615604876	0.810045219272416	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000053386	0.987754128965172	0.999729138186085	0.993853042735302	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053390	0.999932559451351	0.999990558673692	0.999997913873005	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053398	0.891810073104542	0.987575022586874	0.784951886191445	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053399	0.992313641218858	0.981456884136986	0.985643393969268	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053401	0.446267362718793	0.672315244069206	0.775339197720091	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053406	0.978803611606997	0.991682435904818	0.999127314959595	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053414	0.879543037144488	0.801885317827296	0.919434529317098	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053419	0.904968049879165	0.838036573883331	0.979409128859747	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053433	0.989913553147111	0.982220167912646	0.956585711807044	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053442	0.921147842756108	0.967560002950123	0.999824559637182	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053453	0.844232528069745	0.883760189235536	0.997152646759494	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053476	0.997832455981513	0.998937283979342	0.999654245957321	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053478	0.978153595272489	0.995844078683592	0.961924543294327	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053479	0.939810818258225	0.982992356095949	0.975333880723391	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053484	0.996881969818885	0.998764095431058	0.999843719893547	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053485	0.939653901274075	0.92497206440505	0.987796071562659	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053488	0.997559922680847	0.999908564898117	0.997844030178646	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053497	0.5337441941033	0.8721440048865	0.82050172630502	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053511	0.900656285516874	0.97340856338318	0.869392612601056	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053523	0.971126839955479	0.964639262589677	0.980797966911745	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053524	0.865882751285417	0.905280561316308	0.998685229608206	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053546	0.86634354552521	0.912690819027722	0.999448018824659	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053551	0.92336397278372	0.656482704023939	0.74769388500168	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053553	0.895476436711122	0.763930570501434	0.865324015663141	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053568	0.999160915677462	0.99994865022007	0.99987328418938	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053581	0.959968841885264	0.997998741849738	0.994744770822202	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053595	0.705979276793439	0.492177966457555	0.922659974055939	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053620	0.327102553678797	0.643142528056899	0.837448717699619	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000053626	0.999385334889569	0.99928426671165	0.999329190946725	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053641	0.956713120057999	0.940848455830316	0.993761932942355	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053664	0.945880520186936	0.980265295501295	0.977241642252471	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053677	0.721595454144917	0.940559221565079	0.930205096114992	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053678	0.587262446070567	0.840816460610721	0.975529963795255	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053679	0.98379898901398	0.970020321427859	0.97797931780184	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053703	0.97699295909435	0.998109616090733	0.999004847994213	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053714	0.977672679292693	0.990561055414783	0.958261685242011	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053726	0.998858693270815	0.998774423616747	0.999546526924609	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053735	0.942011327331534	0.988436370800017	0.989613301430764	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053747	0.43098579261164	0.394011904525777	0.971208782607793	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053752	0.990807418378624	0.991337564120478	0.974759333622188	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053755	0.994434625323885	0.999124394943671	0.999081941461158	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053766	0.998872412953555	0.999527866145711	0.998306657846101	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053807	0.998683699853935	0.970399479959359	0.95456427540205	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053812	0.935867800087509	0.961898845584426	0.86208364105733	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053832	0.925804330071236	0.965794740795678	0.988797171410198	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053833	0.88349934462078	0.996526688538597	0.972495885965505	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053836	0.986948156254747	0.880877720821333	0.881114975898615	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053844	0.200943032361765	0.778052863858932	0.455261677036506	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053922	0.998337691837612	0.995128016828742	0.988767291155293	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053923	0.990687051352248	0.982771373141171	0.996882183404801	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053951	0.974842191096719	0.889331309552024	0.803255370382828	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053969	0.731892837870833	0.447620582709145	0.329455365421203	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053970	0.995947510342204	0.99949250534752	0.997054425980717	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000053974	0.97975477558559	0.999412614480958	0.925085344630127	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000053996	0.984626749509037	0.977594047143918	0.989854969873086	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000054032	0.989324084388348	0.998782006238407	0.998516618120612	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054037	0.86683510605197	0.985007427038672	0.759066350784383	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054046	0.965397949695177	0.946685457243173	0.966500695804054	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054051	0.954902564973684	0.999706192782558	0.937446889661703	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000054061	0.999841024064881	0.999699309614552	0.999653700942932	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054062	0.985848110141442	0.943957194556851	0.944668367933551	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054066	0.934579379817296	0.994560788376681	0.920702412330572	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054074	0.999207174697532	0.992273681725959	0.981392054120803	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054084	0.972216899904972	0.994041236786167	0.950158775659825	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054085	0.996362210112451	0.99568998249401	0.998955137501707	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054088	0.888251201784288	0.994013303308377	0.917324672825483	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054095	0.996791368955837	0.999888687881199	0.998424833946046	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054103	0.999927846158646	0.999855933398496	0.9997236925791	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054117	0.990913338829422	0.977348774069505	0.977104150880711	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054131	0.965777140047455	0.986850413250221	0.991433941324398	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054148	0.506206474923749	0.862723341208398	0.356763085715608	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054149	0.988796091172972	0.999953435505194	0.992058468106525	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054158	0.997696520741416	0.999761675072245	0.997123306332776	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054164	0.940628398595078	0.992133896431951	0.932586248403926	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054182	0.967944651984945	0.988206103049384	0.982302569667145	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054188	0.824710696004005	0.975953130934753	0.944907999011345	0.999999968147277	0.99999999705128	0.999999997296689

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ENSBTAG00000054195	0.996726027306481	0.996471283627628	0.99880493966619	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054199	0.984613361777773	0.994428814950677	0.999604207320102	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054218	0.927730389590561	0.91980526137309	0.971537110655194	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054222	0.962415981653126	0.988800482325977	0.98155855307549	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054228	0.99125490984561	0.99605896925713	0.976077461136492	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054229	0.700558943374774	0.816795230876995	0.989540688703946	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054238	0.881119796321231	0.861563101746836	0.726482434782112	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054239	0.988200925895193	0.996927339668531	0.999151319036557	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054241	0.982007558203018	0.889685601874118	0.784781104954855	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054242	0.999172649110802	0.99941387888504	0.999640950964241	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054250	0.991352000091627	0.998155397283921	0.996574076649643	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054287	0.85763968119839	0.998568761751615	0.873155609505512	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054299	0.987746054476236	0.999766777496692	0.995931027685479	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054306	0.937046039919927	0.990933615381983	0.9834911726069	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000054318	0.933765260132302	0.858328143027923	0.750111536255043	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054322	0.997980506188868	0.999958859981638	0.999102111297479	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054324	0.946344775512502	0.993210628512865	0.980526940716049	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054325	0.972685237600866	0.991195377759859	0.998404080469133	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054326	0.990710430158964	0.999366629796428	0.999145812777493	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000054330	0.798558361309707	0.976275577809121	0.915389860667016	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054335	0.837187124509583	0.895641258207925	0.979760825355605	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054342	0.901569426724239	0.987683769833936	0.930627680388912	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054343	0.921967743172489	0.957072424650768	0.979669694571974	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054349	0.714585485567529	0.926821477760955	0.914828325878613	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054367	0.112830972621568	0.109881933181796	0.997528824361771	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054385	0.803122039305029	0.436439650870738	0.875362411049728	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054388	0.988570835583377	0.999962940406848	0.99178163024914	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054394	0.994228455367812	0.994904980929019	0.996523578013789	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054404	0.966239084906766	0.991608169008028	0.983927245676842	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000054429	0.971322456217962	0.99772300501091	0.969173877178375	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054434	0.698175803085336	0.980838215220706	0.790199313549036	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054437	0.960897331477487	0.996638554194482	0.98428117492526	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000054438	0.983569050018636	0.999594914810362	0.987336430829573	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054442	0.964246782486242	0.995747019144078	0.984019577132904	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054445	0.840346815126711	0.933372018546658	0.972680203488534	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054461	0.848581581411864	0.952741600636121	0.912314837801477	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054466	0.871914940241864	0.97085554120665	0.939956522157865	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054469	0.947043272280282	0.997964272216163	0.976839270399086	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054476	0.997368486388971	0.997659827313367	0.989869672625759	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054495	0.996435618281026	0.990280426676953	0.984380107218537	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054498	0.92867236013293	0.897795189732475	0.962630823098659	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054510	0.935906153225914	0.971116636872962	0.896197489347914	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000054517	0.858097538182047	0.994955184324594	0.856976880797719	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054520	0.980608969869832	0.964304800736787	0.985228518096618	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054531	0.588691410570022	0.997412639738858	0.616126600947707	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054533	0.846496019214505	0.981531100414037	0.970665070111919	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054545	0.99874639215571	0.9999027203204	0.999925336650508	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000054572	0.96325128114414	0.921667472256193	0.957974581292874	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000054579	0.636318118752441	0.85905053154873	0.967633714397725	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000054700	0.997125654161839	0.977801699562595	0.971336297767485	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000054731	0.930574796941829	0.960380928948417	0.998791471595929	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054743	0.124921593866614	0.72077054551682	0.265694320262613	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000054987	0.946394052137346	0.99798741130025	0.963819685219539	0.999999968147277	0.99999999705128	0.999999997296689
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ENSBTAG00000054989	0.933757638361183	0.995637208709356	0.961531955942967	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000054998	0.999105168507914	0.998894249439275	0.998572287533638	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055011	0.894937379380996	0.958307561567402	0.8287776436864	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055014	0.879524347563142	0.995708406537927	0.951113781779131	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055017	0.691603510213727	0.966227494327829	0.625882904811923	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055026	0.606889814160411	0.954463464241335	0.548691522187827	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055033	0.99991064719569	0.999986733606148	0.999995098275872	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055045	0.762961009883158	0.945497800168219	0.853878930648502	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055051	0.896661087282522	0.983803341586918	0.971662394720251	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055057	0.979933933681316	0.99756294855002	0.997321629697489	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055062	0.999802501375113	0.999997136390739	0.999884218687914	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055063	0.175615926773768	0.645533415620222	0.500675369446953	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055077	0.991329491408063	0.993695791815413	0.99817555180855	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055082	0.922505119229096	0.951921791025174	0.999854394380525	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055095	0.99820272914881	0.99903269394216	0.996129464551696	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055104	0.715506529653981	0.918130166461368	0.897497150679596	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055107	0.997153725285465	0.999916359509174	0.997396615857029	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055110	0.974012962724804	0.911101908636332	0.940732439761569	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055120	0.821459338506136	0.977388471950632	0.913183399679931	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055123	0.401562205941637	0.655922170105295	0.742201333188611	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055135	0.827365282653977	0.978510009250417	0.807354391058957	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055140	0.745526936225476	0.893610751805513	0.962850016003042	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055145	0.99456442172458	0.998706535463582	0.999745158516514	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055156	0.950934662084236	0.990361735523908	0.941338819297185	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055158	0.987285566633686	0.997774835433209	0.998618014933688	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055167	0.701836820330019	0.769869521721473	0.93476847189388	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055183	0.84808566399432	0.904044716785583	0.983501451224943	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055197	0.811360500469548	0.999959517263634	0.822306523834079	0.999999968147277	0.99999999705128	0.999999997296689

ENSBTAG00000055204	0.984704940224392	0.991811090449146	0.999786324419404	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055207	0.831107374580537	0.980651598770682	0.92221221387144	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055220	0.552618655441026	0.97574958854029	0.771431348706158	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055226	0.984374582582023	0.9875273719104	0.929201929507037	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055237	0.864523622546045	0.775553060645059	0.976021842363557	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055240	0.828537876035928	0.647224472016419	0.825505198836864	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055247	0.800524567319578	0.892794723661606	0.993953131466048	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055252	0.998386728418369	0.999951054418231	0.999794824765325	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055257	0.968966287107074	0.994767816212819	0.997296690406657	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055267	0.962592983694586	0.946964739511398	0.973521615218153	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055281	0.999856711045351	0.999955178064096	0.999996518362666	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055286	0.947156757272677	0.99160990119208	0.988316113304015	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055296	0.97774421034268	0.986380735936813	0.997109373232569	0.999999968147277	0.99999999705128	0.999999997296689
ENSBTAG00000055312	0.895553328872188	0.774611465305114	0.874214407511516	0.999999968147277	0.99999999705128	0.999999997296689
