

Table S3. Significant muscle cis-eQTLs from young Nellore bulls regardless the prenatal treatment submitted.

snps	gene	gene_name	pvalue	FDR	beta
BOVINEHD0300007357	ENSBTAG00000037187	U1	2.2250738585072e-308	3.4643402972709e-303	0.654181051
BOVINEHD0300007357	ENSBTAG00000044686	7SK	2.2250738585072e-308	3.4643402972709e-303	0.654181051
ARS_BFGL_NGS_116824	ENSBTAG00000012414		0 2.2250738585072e-308	3.4643402972709e-303	0.620696559
BOVINEHD0400030402	ENSBTAG00000050773		0 2.2250738585072e-308	3.4643402972709e-303	0.670680621
BOVINEHD0400030402	ENSBTAG00000001912	TRPV5	2.2250738585072e-308	3.4643402972709e-303	0.670680621
BOVINEHD0600028810	ENSBTAG00000050276		0 2.2250738585072e-308	3.4643402972709e-303	0.510892674
BOVINEHD0600028987	ENSBTAG00000050276		0 2.2250738585072e-308	3.4643402972709e-303	0.510892674
BOVINEHD0600028988	ENSBTAG00000050276		0 2.2250738585072e-308	3.4643402972709e-303	0.510892674
BOVINEHD0900006454	ENSBTAG00000044571	U2	2.2250738585072e-308	3.4643402972709e-303	0.620736236999999
BOVINEHD0900006458	ENSBTAG00000044571	U2	2.2250738585072e-308	3.4643402972709e-303	0.620736236999999
HAPMAP46562_BTA_2871	ENSBTAG00000044571	U2	2.2250738585072e-308	3.4643402972709e-303	0.620736236999999
BOVINEHD0900006470	ENSBTAG00000044571	U2	2.2250738585072e-308	3.4643402972709e-303	0.620736236999999
BOVINEHD0900006473	ENSBTAG00000044571	U2	2.2250738585072e-308	3.4643402972709e-303	0.620736236999999
BOVINEHD0900006485	ENSBTAG00000044571	U2	2.2250738585072e-308	3.4643402972709e-303	0.620736236999999
BOVINEHD0900020543	ENSBTAG00000046495		0 2.2250738585072e-308	3.4643402972709e-303	0.609045052
BOVINEHD0900022153	ENSBTAG00000052963		0 2.2250738585072e-308	3.4643402972709e-303	0.609045052
BOVINEHD1100007464	ENSBTAG00000052119		0 2.2250738585072e-308	3.4643402972709e-303	0.510892674
BOVINEHD1100007467	ENSBTAG00000052119		0 2.2250738585072e-308	3.4643402972709e-303	0.510892674
BOVINEHD1100007495	ENSBTAG00000052119		0 2.2250738585072e-308	3.4643402972709e-303	0.510892674
BOVINEHD1400010565	ENSBTAG00000050325	bta-mir-2285bw	2.2250738585072e-308	3.4643402972709e-303	0.609219792
BOVINEHD1600001449	ENSBTAG00000054751		0 2.2250738585072e-308	3.4643402972709e-303	0.654181051
BOVINEHD1600001454	ENSBTAG00000054751		0 2.2250738585072e-308	3.4643402972709e-303	0.654181051
BOVINEHD1800010995	ENSBTAG00000054799		0 2.2250738585072e-308	3.4643402972709e-303	0.750229044
BOVINEHD1800010996	ENSBTAG00000054799		0 2.2250738585072e-308	3.4643402972709e-303	0.750229044
BOVINEHD1800011000	ENSBTAG00000054799		0 2.2250738585072e-308	3.4643402972709e-303	0.750229044
BOVINEHD1800011001	ENSBTAG00000054799		0 2.2250738585072e-308	3.4643402972709e-303	0.750229044
BOVINEHD1800011009	ENSBTAG00000054799		0 2.2250738585072e-308	3.4643402972709e-303	0.750229044
BOVINEHD1800011010	ENSBTAG00000054799		0 2.2250738585072e-308	3.4643402972709e-303	0.750229044

BOVINEHD1900007579	ENSBTAG00000054966		0	2.2250738585072e-308	3.4643402972709e-303	0.654181051
BOVINEHD1900007582	ENSBTAG00000054966		0	2.2250738585072e-308	3.4643402972709e-303	0.654181051
BOVINEHD1900008702	ENSBTAG00000053249	bta-mir-2284aa-3		2.2250738585072e-308	3.4643402972709e-303	0.528477139
BOVINEHD1900016653	ENSBTAG00000054141		0	2.2250738585072e-308	3.4643402972709e-303	-0.3103681185
BOVINEHD1900017574	ENSBTAG00000024899	MGC134105		2.2250738585072e-308	3.4643402972709e-303	0.670680621
BOVINEHD1900017631	ENSBTAG00000024899	MGC134105		2.2250738585072e-308	3.4643402972709e-303	0.670680621
ARS_BFGL_NGS_23298	ENSBTAG00000024899	MGC134105		2.2250738585072e-308	3.4643402972709e-303	0.670680621
BOVINEHD1900017645	ENSBTAG00000024899	MGC134105		2.2250738585072e-308	3.4643402972709e-303	0.670680621
BOVINEHD2500009887	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
BOVINEHD2500009899	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
BOVINEHD2500009922	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
BOVINEHD2500009923	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
BOVINEHD2500009926	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
BOVINEHD2500009927	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
BOVINEHD2500009928	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
BOVINEHD2500009934	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
BOVINEHD2500009935	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
BOVINEHD2500009966	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
BOVINEHD2500009967	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
BOVINEHD2500009968	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
ARS_BFGL_NGS_10694	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
BOVINEHD2500009969	ENSBTAG00000048401		0	2.2250738585072e-308	3.4643402972709e-303	-0.3130925
BOVINEHD2800010705	ENSBTAG00000054403	U6		2.2250738585072e-308	3.4643402972709e-303	0.654181051
BOVINEHD2800011021	ENSBTAG00000054403	U6		2.2250738585072e-308	3.4643402972709e-303	0.654181051
BOVINEHD0100010419	ENSBTAG00000046393	U4		2.7036680948348e-95	2.95802005518303e-90	-0.255446337
BOVINEHD0100010423	ENSBTAG00000046393	U4		2.7036680948348e-95	2.95802005518303e-90	-0.255446337
BOVINEHD0100010424	ENSBTAG00000046393	U4		2.7036680948348e-95	2.95802005518303e-90	-0.255446337
BOVINEHD0100010425	ENSBTAG00000046393	U4		2.7036680948348e-95	2.95802005518303e-90	-0.255446337
BOVINEHD0100010426	ENSBTAG00000046393	U4		2.7036680948348e-95	2.95802005518303e-90	-0.255446337
BOVINEHD0100010430	ENSBTAG00000046393	U4		2.7036680948348e-95	2.95802005518303e-90	-0.255446337
BOVINEHD0100010431	ENSBTAG00000046393	U4		2.7036680948348e-95	2.95802005518303e-90	-0.255446337

BOVINEHD0100010432	ENSBTAG00000046393	U4	2.7036680948348e-95	2.95802005518303e-90	-0.255446337
BOVINEHD0100010433	ENSBTAG00000046393	U4	2.7036680948348e-95	2.95802005518303e-90	-0.255446337
BOVINEHD0100010434	ENSBTAG00000046393	U4	2.7036680948348e-95	2.95802005518303e-90	-0.255446337
BOVINEHD0100010437	ENSBTAG00000046393	U4	2.7036680948348e-95	2.95802005518303e-90	-0.255446337
BOVINEHD0100010449	ENSBTAG00000046393	U4	2.7036680948348e-95	2.95802005518303e-90	-0.255446337
BOVINEHD0100010450	ENSBTAG00000046393	U4	2.7036680948348e-95	2.95802005518303e-90	-0.255446337
BOVINEHD0900027095	ENSBTAG00000045429	bta-mir-2481	2.7036680948348e-95	2.95802005518303e-90	0.550249777
BOVINEHD1800008015	ENSBTAG00000044215	bta-mir-2285g-1	2.7036680948348e-95	2.95802005518303e-90	0.550249777
BOVINEHD1800008016	ENSBTAG00000044215	bta-mir-2285g-1	2.7036680948348e-95	2.95802005518303e-90	0.550249777
BOVINEHD1800008018	ENSBTAG00000044215	bta-mir-2285g-1	2.7036680948348e-95	2.95802005518303e-90	0.550249777
BOVINEHD1800008019	ENSBTAG00000044215	bta-mir-2285g-1	2.7036680948348e-95	2.95802005518303e-90	0.550249777
BOVINEHD1800008020	ENSBTAG00000044215	bta-mir-2285g-1	2.7036680948348e-95	2.95802005518303e-90	0.550249777
BOVINEHD1800008026	ENSBTAG00000044215	bta-mir-2285g-1	2.7036680948348e-95	2.95802005518303e-90	0.550249777
BOVINEHD1800008030	ENSBTAG00000044215	bta-mir-2285g-1	2.7036680948348e-95	2.95802005518303e-90	0.550249777
BOVINEHD2000021120	ENSBTAG00000048786	0	2.7036680948348e-95	2.95802005518303e-90	0.550249777
BOVINEHD2500003900	ENSBTAG00000029976	bta-mir-484	3.97038008184761e-29	3.96850125877925e-24	-0.531015972332016
BOVINEHD2500003901	ENSBTAG00000029976	bta-mir-484	3.97038008184761e-29	3.96850125877925e-24	-0.531015972332016
BOVINEHD2500003902	ENSBTAG00000029976	bta-mir-484	3.97038008184761e-29	3.96850125877925e-24	-0.531015972332016
BOVINEHD2500003903	ENSBTAG00000029976	bta-mir-484	3.97038008184761e-29	3.96850125877925e-24	-0.531015972332016
BOVINEHD2500003904	ENSBTAG00000029976	bta-mir-484	3.97038008184761e-29	3.96850125877925e-24	-0.531015972332016
BOVINEHD2500003905	ENSBTAG00000029976	bta-mir-484	3.97038008184761e-29	3.96850125877925e-24	-0.531015972332016
BOVINEHD2500003907	ENSBTAG00000029976	bta-mir-484	3.97038008184761e-29	3.96850125877925e-24	-0.531015972332016
BOVINEHD0700012042	ENSBTAG00000051477	0	4.71048132392134e-29	4.33373221009639e-24	-0.6234406595
BOVINEHD0700012040	ENSBTAG00000051477	0	4.71048132392134e-29	4.33373221009639e-24	-0.6234406595
BOVINEHD1900002498	ENSBTAG00000028696	U3	4.71048132392134e-29	4.33373221009639e-24	-0.6234406595
BOVINEHD1900002500	ENSBTAG00000028696	U3	4.71048132392134e-29	4.33373221009639e-24	-0.6234406595
BOVINEHD1900002821	ENSBTAG00000028696	U3	4.71048132392134e-29	4.33373221009639e-24	-0.6234406595
BOVINEHD1900002823	ENSBTAG00000028696	U3	4.71048132392134e-29	4.33373221009639e-24	-0.6234406595
BOVINEHD1900002826	ENSBTAG00000028696	U3	4.71048132392134e-29	4.33373221009639e-24	-0.6234406595
BOVINEHD0700017906	ENSBTAG00000044183	SPINK7	6.93915062652933e-29	5.67480023338749e-24	-0.623618921916761
BOVINEHD0700017969	ENSBTAG00000044183	SPINK7	6.93915062652933e-29	5.67480023338749e-24	-0.623618921916761

HAPMAP48090_BTA_813	ENSBTAG00000049289		0	6.93915062652933e-29	5.67480023338749e-24	-0.623618921916761
BOVINEHD0800017973	ENSBTAG00000049289		0	6.93915062652933e-29	5.67480023338749e-24	-0.623618921916761
BOVINEHD0800017974	ENSBTAG00000049289		0	6.93915062652933e-29	5.67480023338749e-24	-0.623618921916761
BOVINEHD0800017980	ENSBTAG00000049289		0	6.93915062652933e-29	5.67480023338749e-24	-0.623618921916761
BOVINEHD0800017981	ENSBTAG00000049289		0	6.93915062652933e-29	5.67480023338749e-24	-0.623618921916761
BOVINEHD0800017983	ENSBTAG00000049289		0	6.93915062652933e-29	5.67480023338749e-24	-0.623618921916761
BOVINEHD0800017984	ENSBTAG00000049289		0	6.93915062652933e-29	5.67480023338749e-24	-0.623618921916761
BOVINEHD0800017986	ENSBTAG00000049289		0	6.93915062652933e-29	5.67480023338749e-24	-0.623618921916761
BOVINEHD0800018272	ENSBTAG00000049289		0	6.93915062652933e-29	5.67480023338749e-24	-0.623618921916761
BOVINEHD0100047120	ENSBTAG00000045411	U6		9.26739921253285e-29	7.50304116803345e-24	-0.622648599084433
BOVINEHD0800024010	ENSBTAG00000053134		0	1.14188328061047e-28	8.56007197623168e-24	-0.623358996999999
BOVINEHD2200002288	ENSBTAG00000043125		0	1.14188328061047e-28	8.56007197623168e-24	-0.623358996999999
BOVINEHD2200002377	ENSBTAG00000043125		0	1.14188328061047e-28	8.56007197623168e-24	-0.623358996999999
BOVINEHD2200002378	ENSBTAG00000043125		0	1.14188328061047e-28	8.56007197623168e-24	-0.623358996999999
BOVINEHD2200002380	ENSBTAG00000043125		0	1.14188328061047e-28	8.56007197623168e-24	-0.623358996999999
BOVINEHD2200002382	ENSBTAG00000043125		0	1.14188328061047e-28	8.56007197623168e-24	-0.623358996999999
BOVINEHD2200002383	ENSBTAG00000043125		0	1.14188328061047e-28	8.56007197623168e-24	-0.623358996999999
BOVINEHD2200002384	ENSBTAG00000043125		0	1.14188328061047e-28	8.56007197623168e-24	-0.623358996999999
BOVINEHD2200014341	ENSBTAG00000042160	U6		1.16970075741492e-25	8.38061298412182e-21	-0.615106439954067
BOVINEHD2200014348	ENSBTAG00000042160	U6		1.16970075741492e-25	8.38061298412182e-21	-0.615106439954067
BOVINEHD2200014359	ENSBTAG00000042160	U6		1.16970075741492e-25	8.38061298412182e-21	-0.615106439954067
BOVINEHD2200014366	ENSBTAG00000042160	U6		1.16970075741492e-25	8.38061298412182e-21	-0.615106439954067
BOVINEHD2200014421	ENSBTAG00000042160	U6		1.16970075741492e-25	8.38061298412182e-21	-0.615106439954067
BOVINEHD0500028345	ENSBTAG00000052739		0	1.40455792876315e-25	9.88829178473094e-21	-0.615021327360765
BOVINEHD0500028346	ENSBTAG00000052739		0	1.40455792876315e-25	9.88829178473094e-21	-0.615021327360765
BOVINEHD2700010633	ENSBTAG00000014050	CHRNB3		1.36467242595495e-23	9.28455114355159e-19	-0.617836425837321
BOVINEHD2700010636	ENSBTAG00000014050	CHRNB3		1.36467242595495e-23	9.28455114355159e-19	-0.617836425837321
BOVINEHD2700010644	ENSBTAG00000014050	CHRNB3		1.36467242595495e-23	9.28455114355159e-19	-0.617836425837321
BOVINEHD2700010650	ENSBTAG00000014050	CHRNB3		1.36467242595495e-23	9.28455114355159e-19	-0.617836425837321
BOVINEHD2200016768	ENSBTAG00000052393		0	9.57542758169148e-23	6.4069637022959e-18	-0.540744198273973
BOVINEHD2200016779	ENSBTAG00000052393		0	9.57542758169148e-23	6.4069637022959e-18	-0.540744198273973

BOVINEHD2600012290	ENSBTAG00000001006	HMX3	1.48625589300559e-22	9.86309501189129e-18	-0.519457738770335
BOVINEHD0200034728	ENSBTAG000000044419	5S_rRNA	1.92918587674152e-20	1.22023523688844e-15	-0.538338688544338
ARS_BFGL_NGS_101286	ENSBTAG000000044419	5S_rRNA	1.92918587674152e-20	1.22023523688844e-15	-0.538338688544338
BOVINEHD1000007614	ENSBTAG000000051187		0 1.92918587674152e-20	1.22023523688844e-15	-0.538338688544338
BOVINEHD1000007617	ENSBTAG000000051187		0 1.92918587674152e-20	1.22023523688844e-15	-0.538338688544338
BOVINEHD1000007481	ENSBTAG000000051187		0 1.92918587674152e-20	1.22023523688844e-15	-0.538338688544338
BOVINEHD1000007632	ENSBTAG000000051187		0 1.92918587674538e-20	1.22023523688844e-15	-0.269169344272169
BOVINEHD0100043177	ENSBTAG000000044270	bta-mir-2285a	6.23041205110242e-20	3.91026794143703e-15	-0.637783160696376
BOVINEHD0500028789	ENSBTAG000000046980	KLRF2	6.88955422734952e-19	4.04195518696939e-14	-2.47016542866667
ARS_BFGL_NGS_114092	ENSBTAG000000046980	KLRF2	6.88955422734952e-19	4.04195518696939e-14	-2.47016542866667
BOVINEHD0500028804	ENSBTAG000000046980	KLRF2	6.88955422734952e-19	4.04195518696939e-14	-2.47016542866667
BOVINEHD0500028805	ENSBTAG000000046980	KLRF2	6.88955422734952e-19	4.04195518696939e-14	-2.47016542866667
BOVINEHD0500028806	ENSBTAG000000046980	KLRF2	6.88955422734952e-19	4.04195518696939e-14	-2.47016542866667
BOVINEHD0500028807	ENSBTAG000000046980	KLRF2	6.88955422734952e-19	4.04195518696939e-14	-2.47016542866667
BOVINEHD0500028808	ENSBTAG000000046980	KLRF2	6.88955422734952e-19	4.04195518696939e-14	-2.47016542866667
BOVINEHD0500028814	ENSBTAG000000046980	KLRF2	6.88955422734952e-19	4.04195518696939e-14	-2.47016542866667
BOVINEHD0500028816	ENSBTAG000000046980	KLRF2	6.88955422734952e-19	4.04195518696939e-14	-2.47016542866667
BOVINEHD2100016924	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100016925	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100016926	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100016928	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100016929	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100016930	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100016932	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100016938	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100016946	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017113	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017114	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017115	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017122	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017125	ENSBTAG000000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759

BOVINEHD2100017214	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017333	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017334	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017335	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017337	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017219	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017235	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
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ARS_BFGL_NGS_109895	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017260	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017270	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017271	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017272	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017273	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017293	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017296	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017297	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
BOVINEHD2100017302	ENSBTAG00000007392	SERPINA14	1.1745517632407e-18	4.63871571967863e-14	-0.528704485436759
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BOVINEHD0900011377	ENSBTAG00000048406		0 6.84079916537772e-18	2.62484608797908e-13	-0.647573571970954
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BOVINEHD1500016654	ENSBTAG00000021858	SLC5A12	1.20850570599107e-16	4.52975185933177e-12	-0.582860974
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BOVINEHD1500016660	ENSBTAG00000021858	SLC5A12	1.20850570599107e-16	4.52975185933177e-12	-0.582860974
BOVINEHD1600000427	ENSBTAG00000021333	REN	1.20850570599107e-16	4.52975185933177e-12	-0.582860974
BOVINEHD2300010695	ENSBTAG00000053846		0 1.26801413625575e-16	4.73090055552409e-12	-0.587010658052631
BOVINEHD1500023180	ENSBTAG00000030920		0 1.68117329626436e-16	5.29613220330845e-12	-1.61503583522925
BOVINEHD1500022784	ENSBTAG00000030920		0 1.68117329626436e-16	5.29613220330845e-12	-1.61503583522925
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BOVINEHD1500023301	ENSBTAG00000030920		0 1.68117329626436e-16	5.29613220330845e-12	-1.61503583522925
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BOVINEHD1500012914	ENSBTAG00000053728		0	1.73922860162225e-16	5.41580200381162e-12	-0.589513775777991
BOVINEHD1500012916	ENSBTAG00000053728		0	1.73922860162225e-16	5.41580200381162e-12	-0.589513775777991
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ARS_BFGL_NGS_118015	ENSBTAG00000051042	DRD4		2.3431887389101e-16	7.26852388610558e-12	-0.590535759389313
BOVINEHD2400001640	ENSBTAG00000012889	NETO1		2.8312461131402e-16	8.64990239625809e-12	-0.589746359870813
BOVINEHD2400001643	ENSBTAG00000012889	NETO1		2.8312461131402e-16	8.64990239625809e-12	-0.589746359870813
BTA_100407_NO_RS	ENSBTAG00000012889	NETO1		2.8312461131402e-16	8.64990239625809e-12	-0.589746359870813
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BOVINEHD1600006472	ENSBTAG00000053392		0	3.44909376987139e-16	1.045859144552e-11	-0.588814517343873
BOVINEHD1600006795	ENSBTAG00000053392		0	3.44909376987139e-16	1.045859144552e-11	-0.588814517343873
BOVINEHD0300000847	ENSBTAG00000001686	LRRC52		7.76319635853485e-16	2.32785682120333e-11	-0.976321297440711
BOVINEHD0300000850	ENSBTAG00000001686	LRRC52		7.76319635853485e-16	2.32785682120333e-11	-0.976321297440711
BOVINEHD0300000856	ENSBTAG00000001686	LRRC52		7.76319635853485e-16	2.32785682120333e-11	-0.976321297440711
BTA_95233_NO_RS	ENSBTAG00000043656		0	3.52297394240123e-15	1.03718492270286e-10	-0.569389403521739
BOVINEHD1000013865	ENSBTAG00000043656		0	3.52297394240123e-15	1.03718492270286e-10	-0.569389403521739
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BOVINEHD1000013885	ENSBTAG00000043656		0	3.52297394240123e-15	1.03718492270286e-10	-0.569389403521739
BOVINEHD1800017891	ENSBTAG00000021057	TMEM190		4.36023195246651e-15	1.27441032656697e-10	-0.477645078627863

ARS_BFGL_NGS_15530	ENSBTAG00000021057	TMEM190	4.36023195246651e-15	1.27441032656697e-10	-0.477645078627863
BOVINEHD1000017760	ENSBTAG00000005217		0 1.01413295477206e-14	2.95344955468996e-10	-0.573550286114504
BOVINEHD1500024668	ENSBTAG00000004583	MS4A5	1.10371419171149e-14	3.15754573016476e-10	-0.588806362114035
BOVINEHD1500024895	ENSBTAG00000004583	MS4A5	1.10371419171149e-14	3.15754573016476e-10	-0.588806362114035
BOVINEHD1500024897	ENSBTAG00000004583	MS4A5	1.10371419171149e-14	3.15754573016476e-10	-0.588806362114035
BOVINEHD1500024899	ENSBTAG00000004583	MS4A5	1.10371419171149e-14	3.15754573016476e-10	-0.588806362114035
BOVINEHD1500024900	ENSBTAG00000004583	MS4A5	1.10371419171149e-14	3.15754573016476e-10	-0.588806362114035
BOVINEHD2100010178	ENSBTAG00000050353		0 2.03476056952716e-14	5.80062020278417e-10	-0.57611235446621
BOVINEHD2900008896	ENSBTAG00000033377		0 2.34608239765696e-14	6.54974996110041e-10	-0.573766411288381
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BOVINEHD0900010200	ENSBTAG00000054227		0 2.78474751211874e-14	7.61681787532169e-10	0.5687610955
BOVINEHD0300029578	ENSBTAG00000054737		0 2.78474751211928e-14	7.61681787532169e-10	-0.5687610955
BOVINEHD0300029581	ENSBTAG00000054737		0 2.78474751211928e-14	7.61681787532169e-10	-0.5687610955
BOVINEHD0300029582	ENSBTAG00000054737		0 2.78474751211928e-14	7.61681787532169e-10	-0.5687610955
BOVINEHD0300029825	ENSBTAG00000054737		0 2.78474751211928e-14	7.61681787532169e-10	-0.5687610955
BOVINEHD0300029875	ENSBTAG00000054737		0 2.78474751211928e-14	7.61681787532169e-10	-0.5687610955
BOVINEHD0400004285	ENSBTAG00000020685		0 2.85237938679632e-14	7.77553530736047e-10	-0.5688484655
BOVINEHD0100014711	ENSBTAG00000046313	CCDC54	3.39483485955718e-14	9.04116775013042e-10	-0.578593201063158
BOVINEHD0100014713	ENSBTAG00000046313	CCDC54	3.39483485955718e-14	9.04116775013042e-10	-0.578593201063158
BOVINEHD0100014693	ENSBTAG00000046313	CCDC54	3.39483485955718e-14	9.04116775013042e-10	-0.578593201063158
BOVINEHD0100014927	ENSBTAG00000046313	CCDC54	3.39483485955718e-14	9.04116775013042e-10	-0.578593201063158
BOVINEHD0100014960	ENSBTAG00000046313	CCDC54	3.39483485955718e-14	9.04116775013042e-10	-0.578593201063158
BOVINEHD0100014947	ENSBTAG00000046313	CCDC54	3.39483485955718e-14	9.04116775013042e-10	-0.578593201063158
BOVINEHD1700020823	ENSBTAG00000049259		0 3.39483485955718e-14	9.04116775013042e-10	-0.578593201063158
BOVINEHD1100029842	ENSBTAG00000050643	SNORD62	4.27411872191045e-14	1.13455668689881e-09	-0.546479563517544
BOVINEHD1400014458	ENSBTAG00000055102		0 4.46860681515913e-14	1.15218430040976e-09	-0.5761932805
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BOVINEHD0500035510	ENSBTAG00000050506		0	5.54342619664865e-14	1.42477791238864e-09	-0.55878597836555
BOVINEHD0600004749	ENSBTAG00000049691		0	6.37711268178949e-14	1.61850060343528e-09	-0.608622136369863
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BOVINEHD1000007229	ENSBTAG00000052423		0	6.37711268178949e-14	1.61850060343528e-09	-0.608622136369863
BOVINEHD0100006756	ENSBTAG00000038422		0	7.22684368551421e-14	1.82842916752558e-09	-0.573028074233485
BOVINEHD0300016170	ENSBTAG00000050182		0	2.28880739200074e-13	5.77276226681385e-09	-0.601768806641686
BOVINEHD0300031672	ENSBTAG00000045187	U6		3.07499863207344e-13	7.70764781734928e-09	-0.617889018150685
BOVINEHD0300031673	ENSBTAG00000045187	U6		3.07499863207344e-13	7.70764781734928e-09	-0.617889018150685
BOVINEHD4100017187	ENSBTAG00000049285	TNFRSF17		5.07575450354955e-13	1.2644355726689e-08	-0.6058346
BOVINEHD2500003193	ENSBTAG00000049285	TNFRSF17		5.07575450354955e-13	1.2644355726689e-08	-0.6058346
BOVINEHD0400013659	ENSBTAG00000014795		0	5.81480315261699e-13	1.40950950286584e-08	0.5657946165
BTA_70313_NO_RS	ENSBTAG00000014795		0	5.81480315261699e-13	1.40950950286584e-08	0.5657946165
BOVINEHD0400013683	ENSBTAG00000014795		0	5.81480315261699e-13	1.40950950286584e-08	0.5657946165
BOVINEHD4100002865	ENSBTAG00000014795		0	5.81480315261699e-13	1.40950950286584e-08	0.5657946165
BOVINEHD0400013719	ENSBTAG00000014795		0	5.81480315261699e-13	1.40950950286584e-08	0.5657946165
BOVINEHD0400013743	ENSBTAG00000014795		0	5.81480315261699e-13	1.40950950286584e-08	0.5657946165
BOVINEHD0400013439	ENSBTAG00000014795		0	5.81480315261765e-13	1.40950950286584e-08	-0.5657946165
BOVINEHD0400013443	ENSBTAG00000014795		0	5.81480315261765e-13	1.40950950286584e-08	-0.5657946165
BOVINEHD0400013448	ENSBTAG00000014795		0	5.81480315261765e-13	1.40950950286584e-08	-0.5657946165
BOVINEHD0600028008	ENSBTAG00000002518	NKX6-1		6.23631074300553e-13	1.48500627174314e-08	-0.5937531305
BOVINEHD0600028015	ENSBTAG00000002518	NKX6-1		6.23631074300553e-13	1.48500627174314e-08	-0.5937531305
BOVINEHD0600028022	ENSBTAG00000002518	NKX6-1		6.23631074300553e-13	1.48500627174314e-08	-0.5937531305
BOVINEHD0600028023	ENSBTAG00000002518	NKX6-1		6.23631074300553e-13	1.48500627174314e-08	-0.5937531305

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BOVINEHD0600031115	ENSBTAG00000038606	DRD5	7.16389486801162e-13	1.69096470034592e-08	-0.619395627333333
BOVINEHD0600031306	ENSBTAG00000038606	DRD5	7.16389486801162e-13	1.69096470034592e-08	-0.619395627333333
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ARS_BFGL_NGS_17476	ENSBTAG00000052639		0 9.79270707131206e-13	2.29806932844705e-08	-0.568538717
BOVINEHD2600005404	ENSBTAG00000052639		0 9.79270707131206e-13	2.29806932844705e-08	-0.568538717
BOVINEHD0200040550	ENSBTAG00000049251		0 1.11031029573326e-12	2.59805132256528e-08	-0.654932414862257
BOVINEHD1800019557	ENSBTAG00000042433		0 1.6524203547457e-12	3.84433078914381e-08	-0.565090839654504
BOVINEHD1800005697	ENSBTAG00000042433		0 1.6524203547457e-12	3.84433078914381e-08	-0.565090839654504
BOVINEHD1800017104	ENSBTAG00000051367		0 2.17357224039421e-12	4.94314714741451e-08	-3.89149585237829
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BOVINEHD0500004268	ENSBTAG00000014977	ALX1	2.41332770213765e-12	5.47302635916882e-08	0.602002915500001
BOVINEHD0500033324	ENSBTAG00000045575		0 3.21502408339693e-12	7.27077427044791e-08	0.57835448392419
BOVINEHD2400003664	ENSBTAG00000001801	SYT4	6.86177621245855e-12	1.53889435270615e-07	-5.73299843477904
BOVINEHD2400003666	ENSBTAG00000001801	SYT4	6.86177621245855e-12	1.53889435270615e-07	-5.73299843477904
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ARS_BFGL_NGS_14980	ENSBTAG00000009515	CA6	1.48246049854661e-11	3.27930266861655e-07	-0.651236724030535
BOVINEHD1600012720	ENSBTAG00000009515	CA6	1.48246049854661e-11	3.27930266861655e-07	-0.651236724030535
BOVINEHD2600014546	ENSBTAG00000019919		0 1.48246049854661e-11	3.27930266861655e-07	-0.651236724030535
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BOVINEHD2600014548	ENSBTAG00000019919		0 1.48246049854661e-11	3.27930266861655e-07	-0.651236724030535
BOVINEHD1000000988	ENSBTAG00000054905		0 1.88049129655928e-11	4.07079453983701e-07	-0.592429912380999
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BOVINEHD0100026956	ENSBTAG00000031802	SPATA16		2.11739559107399e-11	4.55925221021242e-07	-0.534115682410527
BOVINEHD0100026958	ENSBTAG00000031802	SPATA16		2.11739559107399e-11	4.55925221021242e-07	-0.534115682410527
ARS_BFGL_NGS_103685	ENSBTAG00000004503	NPY		4.95875438072494e-11	1.06208739625214e-06	-0.558874741731405
BOVINEHD0400019864	ENSBTAG00000004503	NPY		4.95875438072494e-11	1.06208739625214e-06	-0.558874741731405
BOVINEHD1000002340	ENSBTAG00000017507	SV2C		8.30388716904389e-11	1.77386958495347e-06	-0.718325900238867
BTB_01017247	ENSBTAG00000009409	PANX3		1.56264122372105e-10	3.32057855861678e-06	-0.529986975495593
BOVINEHD2900008564	ENSBTAG00000009409	PANX3		1.56264122372105e-10	3.32057855861678e-06	-0.529986975495593
HAPMAP39945_BTA_7502	ENSBTAG00000021615	LGALS2		1.63839719757888e-10	3.4633778913657e-06	-0.523729954273973
BOVINEHD0500031885	ENSBTAG00000021615	LGALS2		1.63839719757888e-10	3.4633778913657e-06	-0.523729954273973
BOVINEHD1400012350	ENSBTAG00000017169		0	1.7386262486749e-10	3.60005331454105e-06	-0.554568634149123
BOVINEHD1400012351	ENSBTAG00000017169		0	1.7386262486749e-10	3.60005331454105e-06	-0.554568634149123
BOVINEHD1400012352	ENSBTAG00000017169		0	1.7386262486749e-10	3.60005331454105e-06	-0.554568634149123
BOVINEHD1400012355	ENSBTAG00000017169		0	1.7386262486749e-10	3.60005331454105e-06	-0.554568634149123
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BOVINEHD1400012358	ENSBTAG00000017169		0	1.7386262486749e-10	3.60005331454105e-06	-0.554568634149123
BOVINEHD1400012360	ENSBTAG00000017169		0	1.7386262486749e-10	3.60005331454105e-06	-0.554568634149123
BOVINEHD1400012361	ENSBTAG00000017169		0	1.7386262486749e-10	3.60005331454105e-06	-0.554568634149123
BOVINEHD2500010896	ENSBTAG00000046517		0	1.94803479744821e-10	4.02337118417139e-06	-0.778128824110672
HAPMAP30794_BTA_1335	ENSBTAG00000012801	UPP2		3.56680602208953e-10	7.34795348891667e-06	-0.751913148815311
BOVINEHD0300031025	ENSBTAG00000002583	DNALI1		4.77208964761093e-10	9.80599866142874e-06	-0.551844869894737
BOVINEHD0400026701	ENSBTAG00000029800	bta-mir-335		8.90388619909585e-10	1.81580225735202e-05	-0.550565787597129
BOVINEHD0400026737	ENSBTAG00000029800	bta-mir-335		8.90388619909585e-10	1.81580225735202e-05	-0.550565787597129
BOVINEHD0500030467	ENSBTAG00000026522		0	8.90388619909585e-10	1.81580225735202e-05	-0.550565787597129
BOVINEHD2100021425	ENSBTAG00000054606		0	1.04190680345172e-09	2.11946017064856e-05	-0.777049861496572
ARS_BFGL_NGS_25469	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473
BOVINEHD1700020969	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473

BOVINEHD1700020983	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473
ARS_BFGL_NGS_112820	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473
BOVINEHD4100013312	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473
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BOVINEHD1700021064	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473
BOVINEHD1700021072	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473
BOVINEHD1700021074	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473
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BOVINEHD1700021207	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473
BOVINEHD1700021211	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473
BOVINEHD1700021269	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473
BOVINEHD1700022394	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473
BOVINEHD1700021338	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473
BOVINEHD1700021382	ENSBTAG00000048730		0	1.29189990716607e-09	2.49628577463031e-05	-0.782529448346473
BOVINEHD1400017141	ENSBTAG00000054448	RIMS2		1.36824134606311e-09	2.57018803573823e-05	-2.82782427735537
BOVINEHD1400017144	ENSBTAG00000054448	RIMS2		1.36824134606311e-09	2.57018803573823e-05	-2.82782427735537
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BOVINEHD1400017525	ENSBTAG00000054448	RIMS2		1.36824134606311e-09	2.57018803573823e-05	-2.82782427735537
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ARS_BFGL_NGS_36158	ENSBTAG00000010326	AADAT	2.70350545086666e-09	4.71724819302302e-05	-3.11305727085283
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BOVINEHD2600011940	ENSBTAG00000050618		0 3.90157088659805e-09	6.76397632981497e-05	0.683897129526731
BOVINEHD1400002903	ENSBTAG00000007736		0 4.2555631217568e-09	7.16294172822961e-05	0.644459600046961
BOVINEHD1400002915	ENSBTAG00000007736		0 4.2555631217568e-09	7.16294172822961e-05	0.644459600046961
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BOVINEHD2900013379	ENSBTAG00000044262	bta-mir-2407	5.57425966515566e-09	9.36309899387225e-05	-0.761820085
BOVINEHD2400012965	ENSBTAG00000015210	LOXHD1	6.30993056087031e-09	0.000105768636809958	-4.83449067549128
BOVINEHD0600016237	ENSBTAG00000052370		0 8.46842082474889e-09	0.000140208076121564	0.824895043035477
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BOVINEHD1800011578	ENSBTAG00000001075	CALB2	8.52794297832906e-09	0.000140905409222509	2.70348535077699
BOVINEHD0300004505	ENSBTAG00000015789	BCAN	1.04653938407577e-08	0.0001725653284227	-0.825912426818182
BOVINEHD2300009269	ENSBTAG00000052895	H2AC10	1.29520556063671e-08	0.000213134156874866	-2.49672358914427
BOVINEHD0600030891	ENSBTAG00000053888		0 1.32603714004137e-08	0.000217765073711508	-0.706596950711579

BOVINEHD2000010920	ENSBTAG00000002701	UGT3A2	1.88372824554616e-08	0.00030686073357261	-0.675563255735279
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BOVINEHD2600003770	ENSBTAG00000049134		0 1.92025478920803e-08	0.00031031344223509	-0.588277328554359
BOVINEHD2600003774	ENSBTAG00000049134		0 1.92025478920803e-08	0.00031031344223509	-0.588277328554359
BOVINEHD2600003781	ENSBTAG00000049134		0 1.92025478920803e-08	0.00031031344223509	-0.588277328554359
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BOVINEHD0700012187	ENSBTAG00000015727	IFI47	2.39356686826837e-08	0.000382223216788318	-4.70348631392778
BOVINEHD0700012188	ENSBTAG00000015727	IFI47	2.39356686826837e-08	0.000382223216788318	-4.70348631392778
BOVINEHD0700012189	ENSBTAG00000015727	IFI47	2.39356686826837e-08	0.000382223216788318	-4.70348631392778
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BOVINEHD1500006713	ENSBTAG00000031362	NXPE2	2.54366456677336e-08	0.000404345389348494	-3.09038781242905
BOVINEHD2400009240	ENSBTAG00000010042	RIOK3	2.55707224599529e-08	0.000404345389348494	-0.738937079547787
BOVINEHD2400018539	ENSBTAG00000010042	RIOK3	2.55707224599529e-08	0.000404345389348494	-0.738937079547787
BOVINEHD2400009270	ENSBTAG00000010042	RIOK3	2.55707224599529e-08	0.000404345389348494	-0.738937079547787
BOVINEHD2400018401	ENSBTAG00000010042	RIOK3	2.55707224599529e-08	0.000404345389348494	-0.738937079547787
BOVINEHD1000022296	ENSBTAG00000037625		0 2.63047397612244e-08	0.000411134297294234	2.55295979937995
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BOVINEHD1500008960	ENSBTAG00000013989	JHY	3.84364256950443e-08	0.000588256562023006	0.762489111590723
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BOVINEHD0800022272	ENSBTAG00000039530	NEFM	3.88682782215972e-08	0.000593743531102857	-1.84532778456265
BOVINEHD2500010102	ENSBTAG00000036362	bta-mir-106b	6.54578924327303e-08	0.00096884465923843	-0.85635138654504
BOVINEHD2500010105	ENSBTAG00000036362	bta-mir-106b	6.54578924327303e-08	0.00096884465923843	-0.85635138654504
BOVINEHD2500012035	ENSBTAG00000036362	bta-mir-106b	6.54578924327303e-08	0.00096884465923843	-0.85635138654504
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BOVINEHD2500010133	ENSBTAG00000036362	bta-mir-106b	6.54578924327303e-08	0.00096884465923843	-0.85635138654504
BOVINEHD2500010134	ENSBTAG00000036362	bta-mir-106b	6.54578924327303e-08	0.00096884465923843	-0.85635138654504
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BOVINEHD2500010138	ENSBTAG00000036362	bta-mir-106b	6.54578924327303e-08	0.00096884465923843	-0.85635138654504
BOVINEHD2500010139	ENSBTAG00000036362	bta-mir-106b	6.54578924327303e-08	0.00096884465923843	-0.85635138654504
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BOVINEHD2500010141	ENSBTAG00000036362	bta-mir-106b	6.54578924327303e-08	0.00096884465923843	-0.85635138654504
BTA_60114_NO_RS	ENSBTAG00000036362	bta-mir-106b	6.54578924327303e-08	0.00096884465923843	-0.85635138654504
BOVINEHD2500010154	ENSBTAG00000036362	bta-mir-106b	6.54578924327303e-08	0.00096884465923843	-0.85635138654504
BOVINEHD2500010211	ENSBTAG00000036362	bta-mir-106b	6.54578924327303e-08	0.00096884465923843	-0.85635138654504
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BOVINEHD1100000696	ENSBTAG00000034657		0 7.17669475552294e-08	0.00106028684760471	-0.799318223389312
BOVINEHD0200038793	ENSBTAG00000050271		0 8.00520988971544e-08	0.00117839120249432	-0.922911669481881
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BOVINEHD2300006813	ENSBTAG00000021516	GSTA1	8.96308110451479e-08	0.00129122066648926	-3.2775651932687
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BOVINEHD2300006842	ENSBTAG00000021516	GSTA1	8.96308110451479e-08	0.00129122066648926	-3.2775651932687
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BOVINEHD2300006848	ENSBTAG00000021516	GSTA1	8.96308110451479e-08	0.00129122066648926	-3.2775651932687
BOVINEHD1900006485	ENSBTAG00000054644		0 1.34354874242409e-07	0.00193207726310931	0.708652998024934
BOVINEHD1700018991	ENSBTAG00000049138		0 1.97772577731737e-07	0.00283900676832735	-1.44661142836139
BOVINEHD0500030939	ENSBTAG00000007611	NRIP2	2.72427774883466e-07	0.0039037535591061	-1.22956637745262
BOVINEHD2500006678	ENSBTAG00000003467	SLC5A11	2.85713804995253e-07	0.00408690226050707	-0.646466810810811
BOVINEHD1000008516	ENSBTAG00000051780	RNASE12	3.1871251367551e-07	0.0045348853000118	-2.92789274684043
BOVINEHD1000008517	ENSBTAG00000051780	RNASE12	3.1871251367551e-07	0.0045348853000118	-2.92789274684043
BOVINEHD1000008518	ENSBTAG00000051780	RNASE12	3.1871251367551e-07	0.0045348853000118	-2.92789274684043
BOVINEHD0800000413	ENSBTAG00000010326	AADAT	3.25127044185776e-07	0.00460995244473629	-2.73601530546245
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BOVINEHD2300008651	ENSBTAG00000050532	H2BC14	3.33160582678517e-07	0.00471560090066885	0.785422283571428
BOVINEHD0200008366	ENSBTAG00000052783		0 4.04119693844692e-07	0.00570998347182461	-1.35260519921171
BOVINEHD2200015422	ENSBTAG00000054150		0 4.40031036046583e-07	0.006174289000028	-0.930393553123408
BOVINEHD2200015423	ENSBTAG00000054150		0 4.40031036046583e-07	0.006174289000028	-0.930393553123408
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BOVINEHD2300007264	ENSBTAG00000048304		0 4.4886512878367e-07	0.00623342545987838	-2.10219227580952
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BOVINEHD2300006777	ENSBTAG00000037605		0 4.98859440666266e-07	0.0068223806438525	0.620966006011934
BOVINEHD2500005619	ENSBTAG00000021652	PDZD9	5.15535368152393e-07	0.00686490203119778	-1.76608370995506
BOVINEHD2500005621	ENSBTAG00000021652	PDZD9	5.15535368152393e-07	0.00686490203119778	-1.76608370995506
BOVINEHD2500005630	ENSBTAG00000021652	PDZD9	5.15535368152393e-07	0.00686490203119778	-1.76608370995506
BOVINEHD2500005631	ENSBTAG00000021652	PDZD9	5.15535368152393e-07	0.00686490203119778	-1.76608370995506
BOVINEHD2500005633	ENSBTAG00000021652	PDZD9	5.15535368152393e-07	0.00686490203119778	-1.76608370995506
BOVINEHD2500005636	ENSBTAG00000021652	PDZD9	5.15535368152393e-07	0.00686490203119778	-1.76608370995506
BOVINEHD2500005637	ENSBTAG00000021652	PDZD9	5.15535368152393e-07	0.00686490203119778	-1.76608370995506
BOVINEHD2500005647	ENSBTAG00000021652	PDZD9	5.15535368152393e-07	0.00686490203119778	-1.76608370995506
BOVINEHD2500005648	ENSBTAG00000021652	PDZD9	5.15535368152393e-07	0.00686490203119778	-1.76608370995506
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BOVINEHD2500005653	ENSBTAG00000021652	PDZD9	5.15535368152393e-07	0.00686490203119778	-1.76608370995506
BOVINEHD2500005654	ENSBTAG00000021652	PDZD9	5.15535368152393e-07	0.00686490203119778	-1.76608370995506
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BOVINEHD2500005670	ENSBTAG00000021652	PDZD9	5.15535368152393e-07	0.00686490203119778	-1.76608370995506
BOVINEHD1100022071	ENSBTAG00000004565		0 5.57595081600803e-07	0.00740062770330939	-2.10242947131215
BOVINEHD1100022072	ENSBTAG00000004565		0 5.57595081600803e-07	0.00740062770330939	-2.10242947131215
BOVINEHD1900004303	ENSBTAG00000039206	SLFN14	6.04671749402834e-07	0.00799922134533904	-1.05586448721542
BOVINEHD1900004304	ENSBTAG00000039206	SLFN14	6.04671749402834e-07	0.00799922134533904	-1.05586448721542
BOVINEHD0200039789	ENSBTAG00000048513		0 6.25397416128412e-07	0.00824645264225427	-1.11704221058529
BTB_00118945	ENSBTAG00000048513		0 6.25397416128412e-07	0.00824645264225427	-1.11704221058529
BOVINEHD1000019131	ENSBTAG00000016246	DUOX1	7.06133425687892e-07	0.00929589290837604	-0.829165135205534
BOVINEHD2100019158	ENSBTAG00000050524		0 8.19696942651979e-07	0.0107559211298215	-0.8179731105
BOVINEHD2100019184	ENSBTAG00000050524		0 8.19696942651979e-07	0.0107559211298215	-0.8179731105

BOVINEHD1800018143	ENSBTAG00000044157		0	9.31281474782614e-07	0.0121806306039521	-0.841796624681818
BOVINEHD1800018221	ENSBTAG00000044157		0	9.31281474782614e-07	0.0121806306039521	-0.841796624681818
BOVINEHD0800030503	ENSBTAG00000011027	PTGR1		9.64696316112987e-07	0.0123973690151358	-1.41693564434884
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BOVINEHD1500015813	ENSBTAG00000027610		0	1.04479652344558e-06	0.0134054629712121	-3.73806625537552
BOVINEHD0100020374	ENSBTAG00000014721	MUC4		1.07057052913202e-06	0.0136067783188873	-2.56697869272302
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BOVINEHD0100020382	ENSBTAG00000014721	MUC4		1.07057052913202e-06	0.0136067783188873	-2.56697869272302
BOVINEHD0100020383	ENSBTAG00000014721	MUC4		1.07057052913202e-06	0.0136067783188873	-2.56697869272302
BOVINEHD0300017158	ENSBTAG00000052679		0	1.13782336302301e-06	0.0144388839553854	-0.7822259365
BOVINEHD0300006854	ENSBTAG00000049899		0	1.29995972755343e-06	0.0163935997625344	-0.730996393666667
BOVINEHD0300006856	ENSBTAG00000049899		0	1.29995972755343e-06	0.0163935997625344	-0.730996393666667
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ARS_BFGL_NGS_99338	ENSBTAG00000049899		0	1.29995972755343e-06	0.0163935997625344	-0.730996393666667
BTA_26718_NO_RS	ENSBTAG00000053165		0	1.31712335672346e-06	0.0165327917141608	-0.876727985290076
BOVINEHD1100005240	ENSBTAG00000053165		0	1.31712335672346e-06	0.0165327917141608	-0.876727985290076
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BOVINEHD1700018911	ENSBTAG00000005178	MMAB		1.37634874572211e-06	0.0172494571139423	0.494607509665665
BOVINEHD0100025182	ENSBTAG00000037393	ZNF639		1.42072993373726e-06	0.017778155804383	0.267125040811805
BOVINEHD2000018957	ENSBTAG00000051967		0	1.42907524728849e-06	0.0178549874345893	-1.78909287563614

BOVINEHD1900015675	ENSBTAG00000053829		0	1.52636413150889e-06	0.0189826404170598	-2.10083302855514
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BOVINEHD0300005247	ENSBTAG00000017942	CRTC2		1.5700689421592e-06	0.0194962275417702	-0.253560590554087
BOVINEHD0600029882	ENSBTAG00000005711	NSG1		1.5942211324261e-06	0.0197658200965557	-1.22744343017687
BOVINEHD1900003380	ENSBTAG00000000560		0	1.88820387599557e-06	0.0233392578780266	-0.887980357139152
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BOVINEHD1100008174	ENSBTAG00000040564		0	2.03863200630155e-06	0.025067004780937	-5.46833447190466
BOVINEHD1000007631	ENSBTAG00000051187		0	2.04381209416298e-06	0.025067004780937	-0.31426060199187
BOVINEHD1000007626	ENSBTAG00000051187		0	2.04381209416298e-06	0.025067004780937	-0.31426060199187
BOVINEHD1900006383	ENSBTAG00000014687	TP53I13		2.04655983012695e-06	0.025067004780937	-0.583205754296186
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BOVINEHD1900006391	ENSBTAG00000014687	TP53I13		2.04655983012695e-06	0.025067004780937	-0.583205754296186
BOVINEHD1900007928	ENSBTAG00000035587	ARRB2		2.07522768904983e-06	0.0253014267350612	0.500877226930848
BOVINEHD1900007931	ENSBTAG00000035587	ARRB2		2.07522768904983e-06	0.0253014267350612	0.500877226930848
BOVINEHD1900007933	ENSBTAG00000035587	ARRB2		2.07522768904983e-06	0.0253014267350612	0.500877226930848
BOVINEHD2300009505	ENSBTAG00000017329	GMNN		2.07819932306432e-06	0.0253014267350612	0.526665484867344
BOVINEHD1000013603	ENSBTAG00000011820	DAPK2		2.26069002398449e-06	0.0271020599648653	-2.56947583652333
BOVINEHD1000014000	ENSBTAG00000011820	DAPK2		2.26069002398449e-06	0.0271020599648653	-2.56947583652333
BOVINEHD0100025208	ENSBTAG00000037393	ZNF639		2.292973487941e-06	0.0271020599648653	0.275657983257
BOVINEHD0300016663	ENSBTAG00000024272		0	2.29530584893148e-06	0.0271020599648653	-2.44232084320563
BOVINEHD1100030356	ENSBTAG00000048781		0	2.2958704736807e-06	0.0271020599648653	-1.04375833981679
BOVINEHD1700022255	ENSBTAG00000012826	SLC25A31		2.30643949362608e-06	0.0271020599648653	-0.766340797782212
BOVINEHD1700008321	ENSBTAG00000012826	SLC25A31		2.30643949362608e-06	0.0271020599648653	-0.766340797782212
BOVINEHD1700008320	ENSBTAG00000012826	SLC25A31		2.30643949362608e-06	0.0271020599648653	-0.766340797782212
BOVINEHD1700008329	ENSBTAG00000012826	SLC25A31		2.30643949362608e-06	0.0271020599648653	-0.766340797782212
ARS_BFGL_NGS_30992	ENSBTAG00000012826	SLC25A31		2.30643949362608e-06	0.0271020599648653	-0.766340797782212
BOVINEHD1700008330	ENSBTAG00000012826	SLC25A31		2.30643949362608e-06	0.0271020599648653	-0.766340797782212
BOVINEHD1700008333	ENSBTAG00000012826	SLC25A31		2.30643949362608e-06	0.0271020599648653	-0.766340797782212
BOVINEHD1700008335	ENSBTAG00000012826	SLC25A31		2.30643949362608e-06	0.0271020599648653	-0.766340797782212
BOVINEHD1700008337	ENSBTAG00000012826	SLC25A31		2.30643949362608e-06	0.0271020599648653	-0.766340797782212

BOVINEHD1700008341	ENSBTAG00000012826	SLC25A31	2.30643949362608e-06	0.0271020599648653	-0.766340797782212
BOVINEHD1700008343	ENSBTAG00000012826	SLC25A31	2.30643949362608e-06	0.0271020599648653	-0.766340797782212
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BOVINEHD1700008354	ENSBTAG00000012826	SLC25A31	2.30643949362608e-06	0.0271020599648653	-0.766340797782212
BOVINEHD2400008954	ENSBTAG00000055205		0 2.3487206265733e-06	0.0275588904769306	1.24987696818987
BOVINEHD0300004359	ENSBTAG00000003060	NTRK1	2.47432601160674e-06	0.0283158919444938	-0.765079087177686
BOVINEHD0300004360	ENSBTAG00000003060	NTRK1	2.47432601160674e-06	0.0283158919444938	-0.765079087177686
BOVINEHD0300004362	ENSBTAG00000003060	NTRK1	2.47432601160674e-06	0.0283158919444938	-0.765079087177686
ARS_BFGL_NGS_3374	ENSBTAG00000003060	NTRK1	2.47432601160674e-06	0.0283158919444938	-0.765079087177686
BOVINEHD0300004361	ENSBTAG00000003060	NTRK1	2.47432601160674e-06	0.0283158919444938	-0.765079087177686
BOVINEHD0500015400	ENSBTAG00000003060	NTRK1	2.47432601160674e-06	0.0283158919444938	-0.765079087177686
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BOVINEHD0300004399	ENSBTAG00000003060	NTRK1	2.47432601160674e-06	0.0283158919444938	-0.765079087177686
BOVINEHD2900015559	ENSBTAG00000002238	ARL2	2.49897472249162e-06	0.0283158919444938	-0.481008359192791
HAPMAP22786_BTC_0713	ENSBTAG00000048353		0 2.535647011698e-06	0.0283158919444938	-2.20039483759542
BOVINEHD2500000400	ENSBTAG00000048353		0 2.535647011698e-06	0.0283158919444938	-2.20039483759542
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BOVINEHD4100016858	ENSBTAG00000048353		0 2.535647011698e-06	0.0283158919444938	-2.20039483759542
BOVINEHD2500000417	ENSBTAG00000048353		0 2.535647011698e-06	0.0283158919444938	-2.20039483759542

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BOVINEHD2500000453	ENSBTAG00000048353		0	2.535647011698e-06	0.0283158919444938	-2.20039483759542
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BOVINEHD4100016885	ENSBTAG00000048353		0	2.535647011698e-06	0.0283158919444938	-2.20039483759542
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BOVINEHD2500000514	ENSBTAG00000048353		0	2.535647011698e-06	0.0283158919444938	-2.20039483759542
BOVINEHD2500000517	ENSBTAG00000048353		0	2.535647011698e-06	0.0283158919444938	-2.20039483759542
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BOVINEHD2500000529	ENSBTAG00000048353		0	2.535647011698e-06	0.0283158919444938	-2.20039483759542
BOVINEHD2500000531	ENSBTAG00000048353		0	2.535647011698e-06	0.0283158919444938	-2.20039483759542
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BOVINEHD1400016067	ENSBTAG00000013598	RSPO2		2.58534214000245e-06	0.0284959079336172	-3.03622155032017
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BOVINEHD1400016313	ENSBTAG00000013598	RSPO2		2.58534214000245e-06	0.0284959079336172	-3.03622155032017
BOVINEHD1000024417	ENSBTAG00000014633	ABCD4		2.61160172298125e-06	0.0284959079336172	-0.794242870218085
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BOVINEHD1000024504	ENSBTAG00000014633	ABCD4		2.61160172298125e-06	0.0284959079336172	-0.794242870218085
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BOVINEHD1000024520	ENSBTAG00000014633	ABCD4		2.61160172298125e-06	0.0284959079336172	-0.794242870218085
BOVINEHD1000024522	ENSBTAG00000014633	ABCD4		2.61160172298125e-06	0.0284959079336172	-0.794242870218085

BOVINEHD1000024523	ENSBTAG00000014633	ABCD4	2.61160172298125e-06	0.0284959079336172	-0.794242870218085
BOVINEHD0400002879	ENSBTAG00000002750	KRIT1	2.84543733992293e-06	0.0310055664765165	-0.283419128915789
BOVINEHD0300015547	ENSBTAG00000003724	BRDT	2.92078317528177e-06	0.0314039154819011	-1.01816168540042
BTA_67983_NO_RS	ENSBTAG00000003724	BRDT	2.92078317528177e-06	0.0314039154819011	-1.01816168540042
BOVINEHD0300015809	ENSBTAG00000003724	BRDT	2.92078317528177e-06	0.0314039154819011	-1.01816168540042
BOVINEHD0300015810	ENSBTAG00000003724	BRDT	2.92078317528177e-06	0.0314039154819011	-1.01816168540042
BOVINEHD0300015812	ENSBTAG00000003724	BRDT	2.92078317528177e-06	0.0314039154819011	-1.01816168540042
BOVINEHD0300015813	ENSBTAG00000003724	BRDT	2.92078317528177e-06	0.0314039154819011	-1.01816168540042
BOVINEHD0300015814	ENSBTAG00000003724	BRDT	2.92078317528177e-06	0.0314039154819011	-1.01816168540042
BOVINEHD0300015816	ENSBTAG00000003724	BRDT	2.92078317528177e-06	0.0314039154819011	-1.01816168540042
BOVINEHD0300015817	ENSBTAG00000003724	BRDT	2.92078317528177e-06	0.0314039154819011	-1.01816168540042
BOVINEHD0300015818	ENSBTAG00000003724	BRDT	2.92078317528177e-06	0.0314039154819011	-1.01816168540042
BOVINEHD1600001949	ENSBTAG000000040409		0 2.97136508449666e-06	0.0319053951486128	2.00041740999264
BOVINEHD0800011281	ENSBTAG000000042605		0 3.02730087415906e-06	0.0321647420425692	-1.50405933778512
BOVINEHD0800011567	ENSBTAG000000042605		0 3.02730087415906e-06	0.0321647420425692	-1.50405933778512
BOVINEHD0800011568	ENSBTAG000000042605		0 3.02730087415906e-06	0.0321647420425692	-1.50405933778512
BOVINEHD0800011573	ENSBTAG000000042605		0 3.02730087415906e-06	0.0321647420425692	-1.50405933778512
BOVINEHD0800011634	ENSBTAG000000042605		0 3.02730087415906e-06	0.0321647420425692	-1.50405933778512
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ARS_BFGL_NGS_6064	ENSBTAG000000042605		0 3.02730087415906e-06	0.0321647420425692	-1.50405933778512
BOVINEHD0800011682	ENSBTAG000000042605		0 3.02730087415906e-06	0.0321647420425692	-1.50405933778512
BOVINEHD1000007761	ENSBTAG000000049140		0 3.12065638375973e-06	0.0330698366917995	-1.04652518537945
BOVINEHD1000007768	ENSBTAG000000049140		0 3.12065638375973e-06	0.0330698366917995	-1.04652518537945
BOVINEHD0700012202	ENSBTAG000000015727	IFI47	3.15242326972782e-06	0.0333628042436634	-4.61246409754852
BOVINEHD1800016933	ENSBTAG000000015129	KLK10	3.23089281495269e-06	0.0341486263563409	2.15207314377835
BOVINEHD0300004837	ENSBTAG00000001199	DAP3	3.34957793302287e-06	0.0353108624026927	-0.386930673057659
BOVINEHD0300005221	ENSBTAG00000001199	DAP3	3.34957793302287e-06	0.0353108624026927	-0.386930673057659
BOVINEHD2500000571	ENSBTAG000000054148		0 3.63921483884239e-06	0.0381160298630609	-2.43353984945055
BOVINEHD2500000572	ENSBTAG000000054148		0 3.63921483884239e-06	0.0381160298630609	-2.43353984945055
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BOVINEHD1900015778	ENSBTAG00000053829		0	3.68861779769175e-06	0.0385835474021765	-1.25409524239039
BOVINEHD0400027681	ENSBTAG00000001773	CYREN		3.69740660310469e-06	0.0386255759040494	-0.424518028095404
BOVINEHD1500005370	ENSBTAG00000011793	FDX1		3.85632215165838e-06	0.0400788551291728	0.366983092285714
BOVINEHD1500005371	ENSBTAG00000011793	FDX1		3.85632215165838e-06	0.0400788551291728	0.366983092285714
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BOVINEHD1800016466	ENSBTAG00000030563	PRRG2		3.95361883876943e-06	0.0401620556750607	-1.49407201753675
BOVINEHD1800016467	ENSBTAG00000030563	PRRG2		3.95361883876943e-06	0.0401620556750607	-1.49407201753675
BOVINEHD1800019809	ENSBTAG00000030563	PRRG2		3.95361883876943e-06	0.0401620556750607	-1.49407201753675
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BOVINEHD1800016500	ENSBTAG00000015388	RPL18		3.96457507438242e-06	0.0402228845692199	-0.15464503533913
BOVINEHD2300009525	ENSBTAG00000017329	GMNN		4.1496192129864e-06	0.0420475721336001	0.522014304519208
BOVINEHD4100013258	ENSBTAG00000049138		0	4.28280403607243e-06	0.0432887599304824	-1.3259568484764
BOVINEHD1700019017	ENSBTAG00000049138		0	4.28280403607243e-06	0.0432887599304824	-1.3259568484764
BOVINEHD1900008201	ENSBTAG00000012475	ALOX12B		4.39772192946396e-06	0.0441198155644392	1.02601770539527
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BOVINEHD1900008203	ENSBTAG00000012475	ALOX12B	4.39772192946396e-06	0.0441198155644392	1.02601770539527
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BOVINEHD0400033400	ENSBTAG00000018838	IQCA1L	4.4354524930074e-06	0.044168652925805	0.78916698877366
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BOVINEHD2500005164	ENSBTAG00000006447	ACSM3	4.4407783932329e-06	0.044168652925805	1.56930876615703
BOVINEHD2500005167	ENSBTAG00000006447	ACSM3	4.4407783932329e-06	0.044168652925805	1.56930876615703
BOVINEHD2500005169	ENSBTAG00000006447	ACSM3	4.4407783932329e-06	0.044168652925805	1.56930876615703
BOVINEHD2500005182	ENSBTAG00000006447	ACSM3	4.4407783932329e-06	0.044168652925805	1.56930876615703
BOVINEHD1800017946	ENSBTAG00000045951		0 4.45995442022955e-06	0.0443049519000817	-0.85260248163775
ARS_BFGL_NGS_118405	ENSBTAG00000042605		0 4.50761782253369e-06	0.04461421352495	-1.76210589748038
BOVINEHD0800011442	ENSBTAG00000042605		0 4.50761782253369e-06	0.04461421352495	-1.76210589748038
BOVINEHD0800011449	ENSBTAG00000042605		0 4.50761782253369e-06	0.04461421352495	-1.76210589748038
BOVINEHD2300007870	ENSBTAG00000010682	DDR1	4.56037054437131e-06	0.0450812228438474	-1.265190708917
BOVINEHD1000005147	ENSBTAG00000000218	MAP2K5	4.58629262091293e-06	0.0452821841094863	0.197666890139241
BOVINEHD1900006116	ENSBTAG00000014687	TP53I13	4.65392135488102e-06	0.0453962945710638	-0.711243584747175
BOVINEHD1900006118	ENSBTAG00000014687	TP53I13	4.65392135488102e-06	0.0453962945710638	-0.711243584747175
BOVINEHD1900006119	ENSBTAG00000014687	TP53I13	4.65392135488102e-06	0.0453962945710638	-0.711243584747175
BOVINEHD1900018813	ENSBTAG00000014687	TP53I13	4.65392135488102e-06	0.0453962945710638	-0.711243584747175
BOVINEHD1900006121	ENSBTAG00000014687	TP53I13	4.65392135488102e-06	0.0453962945710638	-0.711243584747175
BOVINEHD1900018814	ENSBTAG00000014687	TP53I13	4.65392135488102e-06	0.0453962945710638	-0.711243584747175
BOVINEHD1900006123	ENSBTAG00000014687	TP53I13	4.65392135488102e-06	0.0453962945710638	-0.711243584747175
BOVINEHD1900006124	ENSBTAG00000014687	TP53I13	4.65392135488102e-06	0.0453962945710638	-0.711243584747175
BOVINEHD1900006146	ENSBTAG00000014687	TP53I13	4.65392135488102e-06	0.0453962945710638	-0.711243584747175
BOVINEHD1900006148	ENSBTAG00000014687	TP53I13	4.65392135488102e-06	0.0453962945710638	-0.711243584747175
BOVINEHD1000024425	ENSBTAG00000014633	ABCD4	4.6843604192041e-06	0.0454195978946903	-0.669325851505875
BOVINEHD1000024426	ENSBTAG00000014633	ABCD4	4.6843604192041e-06	0.0454195978946903	-0.669325851505875
BOVINEHD1000024427	ENSBTAG00000014633	ABCD4	4.6843604192041e-06	0.0454195978946903	-0.669325851505875
BOVINEHD1000024444	ENSBTAG00000014633	ABCD4	4.6843604192041e-06	0.0454195978946903	-0.669325851505875

BOVINEHD1000030807	ENSBTAG00000014633	ABCD4	4.6843604192041e-06	0.0454195978946903	-0.669325851505875
BOVINEHD2300009604	ENSBTAG00000016337	ACOT13	4.7437703748792e-06	0.0459406186180318	0.326418235274891
BOVINEHD1700018991	ENSBTAG00000005178	MMAB	4.7785809511523e-06	0.0462224485108099	0.502859883523298
BOVINEHD0300006873	ENSBTAG00000021833	GJA8	4.78585301738963e-06	0.0462375480504061	-1.76165877964766
BOVINEHD1800016506	ENSBTAG00000015388	RPL18	4.95224156768462e-06	0.0475612986433173	-0.167939572519752
BOVINEHD1800016512	ENSBTAG00000015388	RPL18	4.95224156768462e-06	0.0475612986433173	-0.167939572519752
BOVINEHD1800016513	ENSBTAG00000015388	RPL18	4.95224156768462e-06	0.0475612986433173	-0.167939572519752
BOVINEHD1800016514	ENSBTAG00000015388	RPL18	4.95224156768462e-06	0.0475612986433173	-0.167939572519752
HAPMAP43854_BTA_4384	ENSBTAG00000015388	RPL18	4.95224156768462e-06	0.0475612986433173	-0.167939572519752
BOVINEHD100003463	ENSBTAG00000038234	BHMT2	4.97553428484924e-06	0.0477283844601481	-0.588408977492243
BOVINEHD2000018951	ENSBTAG00000015478	SRD5A1	5.00652521895707e-06	0.0478555658351689	0.503932986607413
BOVINEHD2000019350	ENSBTAG00000015478	SRD5A1	5.00652521895707e-06	0.0478555658351689	0.503932986607413
BOVINEHD2000019354	ENSBTAG00000015478	SRD5A1	5.00652521895707e-06	0.0478555658351689	0.503932986607413
BOVINEHD1500016225	ENSBTAG00000015087	KLHL35	5.12867487270967e-06	0.048965339927077	-1.12954139471491
BOVINEHD1600001671	ENSBTAG00000040409		0 5.21534634716477e-06	0.0490394325181058	2.02033436475537
BOVINEHD1600001674	ENSBTAG00000040409		0 5.21534634716477e-06	0.0490394325181058	2.02033436475537
BOVINEHD1600001676	ENSBTAG00000040409		0 5.21534634716477e-06	0.0490394325181058	2.02033436475537
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BOVINEHD1500023250	ENSBTAG00000031119		0 5.2457719865495e-06	0.0490394325181058	-0.858663241101449
BOVINEHD1500023310	ENSBTAG00000031119		0 5.2457719865495e-06	0.0490394325181058	-0.858663241101449
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ARS_BFGL_BAC_32107	ENSBTAG00000049817		0 5.25573927513141e-06	0.0490394325181058	-0.603532461916854
BOVINEHD100003238	ENSBTAG00000038234	BHMT2	5.3331533392845e-06	0.0490394325181058	-0.874507812025761
BTB_00408221	ENSBTAG00000038234	BHMT2	5.3331533392845e-06	0.0490394325181058	-0.874507812025761
BOVINEHD0700008701	ENSBTAG00000054786		0 5.37285004175368e-06	0.0490394325181058	-1.71138720675263
BOVINEHD0700008702	ENSBTAG00000054786		0 5.37285004175368e-06	0.0490394325181058	-1.71138720675263

BOVINEHD0700008710	ENSBTAG00000054786		0 5.37285004175368e-06	0.0490394325181058	-1.71138720675263
BOVINEHD0700008711	ENSBTAG00000054786		0 5.37285004175368e-06	0.0490394325181058	-1.71138720675263
BOVINEHD0700008724	ENSBTAG00000054786		0 5.37285004175368e-06	0.0490394325181058	-1.71138720675263
BOVINEHD0700008737	ENSBTAG00000054786		0 5.37285004175368e-06	0.0490394325181058	-1.71138720675263
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ARS_BFGL_NGS_114456	ENSBTAG00000054786		0 5.37285004175368e-06	0.0490394325181058	-1.71138720675263
BOVINEHD0700008771	ENSBTAG00000054786		0 5.37285004175368e-06	0.0490394325181058	-1.71138720675263
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BOVINEHD0600015815	ENSBTAG00000006643	C6H4orf19	5.3940767944301e-06	0.0490394325181058	0.941702807996324
BOVINEHD0600015910	ENSBTAG00000006643	C6H4orf19	5.3940767944301e-06	0.0490394325181058	0.941702807996324
BOVINEHD0600015911	ENSBTAG00000006643	C6H4orf19	5.3940767944301e-06	0.0490394325181058	0.941702807996324
BOVINEHD1100030095	ENSBTAG00000048781		0 5.40900567375506e-06	0.0490394325181058	-1.17600489175723
BOVINEHD1100030259	ENSBTAG00000048781		0 5.40900567375506e-06	0.0490394325181058	-1.17600489175723
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BOVINEHD1100030303	ENSBTAG00000048781		0 5.40900567375506e-06	0.0490394325181058	-1.17600489175723
BOVINEHD0800000859	ENSBTAG00000010326	AADAT	5.41834550975417e-06	0.0490691611976173	-2.4236036744781