P-value and FDR		Fold change and Regulation		Annotations		Normalized Intensity									
P-value	FDR	Fold Change	Regulation	type	seqname	KT1	KT2	KT3	KT4	KT5	NT1	NT2	NT3	NT4	NT5
0,016324449	0,040960785	2,1761072	down	noncoding	ENST00000440196	4,276533	4,791628	4,8195114	4,223727	4,7404227	6,514758	5,611064	5,7365923	5,1375146	5,4606414
0,01057724	0,029696246	2,0082931	down	noncoding	TCONS_00017403	4,555317	5,339628	4,911406	4,3745346	4,891028	6,1359525	5,6247377	5,8347764	5,7222843	5,784012
0,03566109	0,072885528	2,2733848	down	noncoding	ENST00000445310	6,306642	7,093873	6,149584	5,086699	4,779272	7,273781	7,165707	7,1439705	6,578186	7,178635
0,03566109	0,072885528	2,2733848	down	noncoding	ENST00000445310	6,306642	7,093873	6,149584	5,086699	4,779272	7,273781	7,165707	7,1439705	6,578186	7,178635
0,03566109	0,072885528	2,2733848	down	noncoding	ENST00000445310	6,306642	7,093873	6,149584	5,086699	4,779272	7,273781	7,165707	7,1439705	6,578186	7,178635
0,03566109	0,072885528	2,2733848	down	noncoding	ENST00000445310	6,306642	7,093873	6,149584	5,086699	4,779272	7,273781	7,165707	7,1439705	6,578186	7,178635
0,03566109	0,072885528	2,2733848	down	noncoding	ENST00000445310	6,306642	7,093873	6,149584	5,086699	4,779272	7,273781	7,165707	7,1439705	6,578186	7,178635
2,2726E-05	0,000923202	2,1286373	down	noncoding	ENST00000566986	7,8471694	7,8847723	7,875964	7,4457583	7,9402084	8,816141	8,892597	8,948932	8,627323	9,15853
0,013981455	0,03637886	2,0348021	down	noncoding	ENST00000413311	4,700723	5,1299796	4,692032	4,3419538	4,818411	6,5611935	5,485759	5,741055	5,128485	5,8910494
0,016616199	0,041439555	2,329372	down	noncoding	ENST00000454429	3,499896	3,6312873	4,1080203	2,773863	4,359537	5,561105	5,1530356	4,604353	4,275735	4,8780804
0,016616199	0,041439555	2,329372	down	noncoding	ENST00000454429	3,499896	3,6312873	4,1080203	2,773863	4,359537	5,561105	5,1530356	4,604353	4,275735	4,8780804
0,016616199	0,041439555	2,329372	down	noncoding	ENST00000454429	3,499896	3,6312873	4,1080203	2,773863	4,359537	5,561105	5,1530356	4,604353	4,275735	4,8780804
0,016616199	0,041439555	2,329372	down	noncoding	ENST00000454429	3,499896	3,6312873	4,1080203	2,773863	4,359537	5,561105	5,1530356	4,604353	4,275735	4,8780804
0,026273175	0,057927979	2,8691323	down	noncoding	NR_034101	3,6140769	3,1727443	3,871945	3,3722599	4,34317	6,599631	4,963225	5,144357	4,659746	4,6103096
0,026273175	0,057927979	2,8691323	down	noncoding	NR_034101	3,6140769	3,1727443	3,871945	3,3722599	4,34317	6,599631	4,963225	5,144357	4,659746	4,6103096
0,026273175	0,057927979	2,8691323	down	noncoding	NR_034101	3,6140769	3,1727443	3,871945	3,3722599	4,34317	6,599631	4,963225	5,144357	4,659746	4,6103096
0,017970206	0,043883292	3,8116276	down	noncoding	ENST00000513492	3,356508	3,8626516	4,058982	2,3967412	2,642579	6,1403327	4,9830594	4,5030556	5,4595613	4,8834887
0,018155502	0,044204309	3,5902407	down	noncoding	ENST00000530102	2,3977764	2,3729734	2,415766	4,627663	2,642579	5,8482666	4,385643	4,011035	5,1042957	4,3279204
0,011905951	0,032274036	2,2789757	down	noncoding	ENST00000441146	4,5802865	4,6389737	4,450037	3,2005363	4,0755343	6,3034754	5,252778	4,990453	5,0506234	5,2899656
0,011905951	0,032274036	2,2789757	down	noncoding	ENST00000441146	4,5802865	4,6389737	4,450037	3,2005363	4,0755343	6,3034754	5,252778	4,990453	5,0506234	5,2899656
0,011905951	0,032274036	2,2789757	down	noncoding	ENST00000441146	4,5802865	4,6389737	4,450037	3,2005363	4,0755343	6,3034754	5,252778	4,990453	5,0506234	5,2899656
0,011905951	0,032274036	2,2789757	down	noncoding	ENST00000441146	4,5802865	4,6389737	4,450037	3,2005363	4,0755343	6,3034754	5,252778	4,990453	5,0506234	5,2899656
0,014916086	0,038187414	2,9178705	down	noncoding	ENST00000584758	3,4316351	2,8507931	3,3995512	3,1468763	4,0861893	6,3052025	4,6647425	4,6993136	4,1467047	4,823661
0,000649383	0,004926709	5,6924901	down	noncoding	ENST00000447557	4,4495964	4,018992	4,7004414	5,1654	5,752342	7,483678	7,160189	7,204891	7,1913037	7,5920095
0,004832063	0,017575679	5,9613073	down	noncoding	NR_024602	3,3722599	4,549536	2,979745	2,3967412	2,642579	6,6982756	5,4124074	5,6607623	5,026408	6,0211515
0,003683984	0,014742919	2,5698496	down	noncoding	ENST00000565327	4,089884	3,2171433	3,786533	3,1986263	4,1764617	5,744484	4,9565105	4,81085	4,9429045	4,822319
0,024272183	0,05482654	2,0863324	down	noncoding	ENST00000512077	4,868832	5,084474	4,5291624	3,103519	3,7233045	6,9945574	5,628039	4,959471	4,261074	4,7709956
0,015328372	0,039044813	4,1628268	down	noncoding	TCONS_00011960	4,087199	3,6086087	2,809775	5,261454	2,642579	5,982048	5,8343506	5,6574016	5,4829845	5,7406487
0,015328372	0,039044813	4,1628268	down	noncoding	TCONS_00011960	4,087199	3,6086087	2,809775	5,261454	2,642579	5,982048	5,8343506	5,6574016	5,4829845	5,7406487
0,015328372	0,039044813	4,1628268	down	noncoding	TCONS_00011960	4,087199	3,6086087	2,809775	5,261454	2,642579	5,982048	5,8343506	5,6574016	5,4829845	5,7406487
0,016339737	0,04098523	5,6227544	down	noncoding	NR_046321	4,6380286	5,714453	4,821191	2,3967412	2,642579	6,8652835	6,4210634	6,6157384	5,8671937	6,900099
0,016339737	0,04098523	5,6227544	down	noncoding	NR_046321	4,6380286	5,714453	4,821191	2,3967412	2,642579	6,8652835	6,4210634	6,6157384	5,8671937	6,900099
0,016339737	0,04098523	5,6227544	down	noncoding	NR_046321	4,6380286	5,714453	4,821191	2,3967412	2,642579	6,8652835	6,4210634	6,6157384	5,8671937	6,900099
0,000739553	0,005326442	3,1483058	down	noncoding	ENST00000504957	3,589531	2,3729734	3,347321	2,3967412	2,642579	5,645857	4,350813	4,869435	3,4616501	4,294269
0,004819538	0,017556805	2,8728211	down	noncoding	uc004cui.1	5,9006	6,3516827	5,916071	4,731676	5,147491	7,1422544	7,0561123	7,358191	6,849881	7,2534227
0,004819538	0,017556805	2,8728211	down	noncoding	uc004cui.1	5,9006	6,3516827	5,916071	4,731676	5,147491	7,1422544	7,0561123	7,358191	6,849881	7,2534227
0,004819538	0,017556805	2,8728211	down	noncoding	uc004cui.1	5,9006	6,3516827	5,916071	4,731676	5,147491	7,1422544	7,0561123	7,358191	6,849881	7,2534227
0,000112422	0,001916357	2,0456295	down	noncoding	ENST00000400817	5,2817535	5,5491085	5,1287436	4,7727866	4,9978924	6,3432918	6,4360437	6,009326	6,0185075	6,08584
1,21927E-05	0,000703892	4,3697563	down	noncoding	NR_024420	5,5931196	5,792389	5,7684984	5,496919	5,65876	7,9984326	7,838843	7,949408	7,4225245	7,738242
0,004107899	0,015805946	2,1282975	down	noncoding	TCONS_00025566	4,5082693	4,4123716	4,4958777	3,9096787	4,326124	6,249384	5,2446465	5,2157054	5,149555	5,2415295
0,003386965	0,013950934	3,6879158	down	noncoding	NR_026929	3,4545546	3,6236613	2,415766	5,9348574	2,642579	5,828796	5,2141147	4,8487945	6,7655296	4,828212
0,001585202	0,008491374	8,4439096	down	noncoding	ENST00000552615	3,0494473	2,9367573	2,9931934	4,550497	3,9943955	6,9855175	6,724538	6,2955265	6,3089867	6,5992775
0,045701738	0,087751849	2,861914	down	noncoding	ENST00000413451	7,422367	7,046564	7,676545	9,478964	7,986735	9,791848	9,704389	9,359475	9,135171	9,2051935
0,001774409	0,009108713	2,0778369	down	noncoding	NR_027855	10,176335	10,372563	10,146704	9,587543	10,167043	11,100608	11,013012	11,135233	11,061128	11,415619
0,001774409	0,009108713	2,0778369	down	noncoding	NR_027855	10,176335	10,372563	10,146704	9,587543	10,167043	11,100608	11,013012	11,135233	11,061128	11,415619
0,000109477	0,00187917	3,4300054	down	noncoding	ENST00000420293	5,168769	5,1391664	5,239086	4,480355	5,5721517	7,0686755	6,6993513	6,9326115	6,655777	7,134167
0,000109477	0,00187917	3,4300054	down	noncoding	ENST00000420293	5,168769	5,1391664	5,239086	4,480355	5,5721517	7,0686755	6,6993513	6,9326115	6,655777	7,134167
0,019407768	0,046502498	4,4966441	down	noncoding	ENST00000539348	4,591137	5,2872415	5,6302195	5,1971583	2,642579	7,0217485	6,788222	6,641674	6,824501	6,9164333
0,006244632	0,020854261	2,0158972	down	noncoding	NR_024547	6,776517	6,9839554	6,8600054	5,707194	6,704829	7,7728205	7,443367	7,6830997	7,334098	7,856226
0,003124952	0,01328262	3,1033545	down	noncoding	ENST00000456440	3,407642	3,8058949	4,0235305	2,660933	2,642579	5,493125	5,152006	4,800062	4,808728	4,455801
0,023162802	0,052918724	4,23458	down	noncoding	ENST00000465736	5,575072	6,3026314	5,984045	2,7318866	4,2579885	7,084699	7,116894	7,1891327	6,6013412	7,270651
0,011037921	0,030600157	2,1715158	down	noncoding	ENST00000567484	3,3824368	3,989586	3,6982777	3,0844743	4,271943	5,2238536	5,432068	4,866382	3,5547566	4,94317
0,000311043	0,003311889	21,7574063	down	noncoding	TCONS_00001387	3,4664986	4,3169	3,8901658	5,7164006	4,5504456	8,795458	8,688675	8,803793	8,78358	9,086078
0,003934887	0,01533413	4,4872565	down	noncoding	ENST00000517773	2,3977764	2,4685984	3,527413	2,3967412	2,642579	5,45894	5,378031	4,7126646	4,0185356	4,694105
0,004199879	0,016051204	2,978425	down	noncoding	TCONS_00021904	3,609741	3,429301	3,432887	3,700432	2,642579	5,883106	4,847963	4,6783905	4,5379643	4,7402644
0,001601686	0,008536359	2,0863299	down	noncoding	BQ448447	4,034483	3,7306376	3,9521577	3,1322114	3,979301	5,450206	4,6930184	4,9149437	4,4542084	4,6212506
0,004161414	0,015953705	2,343675	down	noncoding	TCONS_00028204	4,9406605	5,0549054	4,4631243	6,289518	5,595024	6,5682964	6,384848	5,8193574	7,698905	6,015688
0,003602525	0,014535002	2,9504995	down	noncoding	ENST00000509745	3,4640698	3,2967203	3,382132	5,01911	2,642579	5,5929723	5,1842012	4,817842	5,666848	4,3475437
0,038952563	0,077973714	2,8343946	down	noncoding	NR_027251	2,3977764	3,8185678	3,663064	2,3967412	2,642579	5,5651283	4,2965207	4,24938	3,69471	4,6281924
0,000139547	0,002152776	4,4697418	down	noncoding	DN831128R	6,890134	7,2628074	7,0136657	7,1364474	6,707183	9,154266	9,030555	9,045036	9,197939	9,383399
0,000950372	0,006206608	8,5040996	down	noncoding	ENST00000434703	2,9163423	3,169249	2,415766	3,746212	2,642579	6,2819586	5,707739	6,2187066	5,7420826	6,380454
0,044650407	0,086186618	3,3118704	down	noncoding	TCONS_00012008	2,3977764	2,3729734	2,415766	6,9825053	2,642579	5,4557366	5,171732	4,134839	6,683955	4,0035686
0,003821101	0,01507932	7,2145202	down	noncoding	TCONS_00008505	4,448557	5,6042624	4,690236	7,55646	3,778863	7,839083	7,8691273	7,8312364	8,920282	7,873167
0,006416147	0,021185039	4,140204	down	noncoding	uc010qbf.1	2,8398128	2,8311121	2,415766	4,6571155	3,628223	5,9265804	5,310966	4,7106194	5,4672894	5,2050834
0,023382297	0,053306044	4,04955	down	noncoding	ENST00000492725	6,67744	7,023709	6,523645	9,290829	6,107222	9,101928	9,17095	9,193654	9,121207	9,123914
0,000293164	0,003207008	2,0996276	down	noncoding	ENST00000577295	6,4753194	6,5699825	6,632224	6,7939773	6,7757626	7,851431	7,594591	7,75191	7,803203	7,596798
0,007106292	0,022596674	2,6194323	down	noncoding	TCONS_00029300	6,082263	6,5514064	6,2492814	4,9910994	5,552232	7,1829515	7,2322187	7,350581	7,073691	7,533111
0,049362376	0,093039989	2,1272747	down	noncoding	ENST00000444978	3,9717593	4,3833857	4,6142416	4,831614	4,0229173	6,4261484	5,4981985	5,5760026	4,858911	4,909689
0,012464634	0,033360791	3,3785302	down	noncoding	ENST00000506792	4,489676	4,5531535	4,6133184	2,7694354	2,642579	5,985059	5,7131634	5,336705	5,3465633	5,4686503
0,04316629	0,083985598	2,0763729	down	noncoding	ENST00000430518	4,4624653	4,9085937	3,6888351	5,006479	5,8293104	5,9462476	6,074333	5,6456532	5,86197	5,6378074

0,000425706	0,0039005	2,0992537	down	noncoding	ENST00000398849	8,6743355	8,915564	8,863957	8,285246	8,649495	9,710923	9,722827	9,775989	9,597115	9,931126
0,00766119	0,023735708	2,7936754	down	noncoding	uc002auv.1	8,031332	7,6461086	8,086597	10,9680395	8,741642	10,089844	9,880626	9,5581665	11,7105875	9,645317
0,035174171	0,0722099	3,4674836	down	noncoding	TCONS_00020498	2,6333895	3,6327796	3,4128923	5,032504	2,642579	5,863846	5,524783	5,243663	4,764188	4,9271097
0,021299568	0,049739343	2,3972424	down	noncoding	ENST00000416572	3,4945803	4,5310984	4,400902	3,0710878	3,7698	5,6708717	4,6306605	5,515191	4,7167845	5,0408397
0,000551312	0,004496598	2,0485371	down	noncoding	ENST00000492121	10,559727	10,725783	10,599358	10,337206	10,515647	11,49533	11,446721	11,602105	11,638671	11,727864
3,01742E-05	0,001049282	5,2632515	down	noncoding	TCONS_00011694	6,0647097	5,9222846	5,740835	6,1758847	5,9345493	8,644246	8,343998	8,24587	8,127629	8,456292
0,003256742	0,013634953	2,7491056	down	noncoding	NR_073022	14,542112	15,0140915	14,623917	13,994712	13,910938	15,831276	15,775808	15,960671	15,781628	16,031199
0,003256742	0,013634953	2,7491056	down	noncoding	NR_073022	14,542112	15,0140915	14,623917	13,994712	13,910938	15,831276	15,775808	15,960671	15,781628	16,031199
0,003256742	0,013634953	2,7491056	down	noncoding	NR_073022	14,542112	15,0140915	14,623917	13,994712	13,910938	15,831276	15,775808	15,960671	15,781628	16,031199
0,003256742	0,013634953	2,7491056	down	noncoding	NR_073022	14,542112	15,0140915	14,623917	13,994712	13,910938	15,831276	15,775808	15,960671	15,781628	16,031199
0,003256742	0,013634953	2,7491056	down	noncoding	NR_073022	14,542112	15,0140915	14,623917	13,994712	13,910938	15,831276	15,775808	15,960671	15,781628	16,031199
0,001007714	0,006449983	5,5419635	down	noncoding	ENST00000465363	2,3977764	2,3729734	2,415766	2,3967412	4,388088	5,3417473	5,1126037	5,0166063	5,1225877	5,729786
0,004516442	0,016789831	3,2483947	down	noncoding	uc003xgy.3	4,7762747	4,7142277	5,0597496	3,282284	4,623022	6,164573	6,22643	6,0262184	5,9947443	6,542227
0,023821089	0,054070323	2,8047816	down	noncoding	ENST00000435175	3,5057971	3,9812348	3,6454177	7,0340047	2,642579	5,387394	5,659369	5,5668077	6,8689094	4,7659955
0,01318977	0,034784369	2,0485605	down	noncoding	TCONS_00006704	4,3463345	3,8577735	4,067378	4,833859	4,5514774	6,2963724	4,968097	4,8735886	5,495153	5,196664
0,002689469	0,012030166	2,0010452	down	noncoding	ENST00000568391	2,9414475	3,8414001	3,1785474	3,3358033	3,7590275	4,203997	4,632773	4,6387787	4,1086483	4,4757977
0,019587474	0,046795975	2,3606865	down	noncoding	ENST00000501888	4,040007	3,264207	3,909081	4,350597	2,642579	5,5090322	4,6895804	4,5544677	4,755725	4,893698
0,031267394	0,066099387	2,2870263	down	noncoding	ENST00000522330	4,3489156	4,3623714	4,3760943	4,6165247	2,642579	5,4277444	5,6661887	4,944212	5,105914	5,1697907
0,028430543	0,061375255	2,5487607	down	noncoding	ENST00000429884	2,9222918	3,2066698	3,0400672	6,150674	2,642579	4,848034	5,3967414	4,286205	6,029658	4,150623
0,010700517	0,029956988	2,8282284	down	noncoding	ENST00000575056	3,7364202	3,055795	3,625849	5,078324	4,0373087	5,6438594	5,436962	5,2342057	5,5076423	5,2105207
0,029272399	0,062734453	2,4159908	down	noncoding	TCONS_00006040	3,6529193	3,6265228	3,3180788	4,8901315	2,642579	4,7329836	4,6950455	4,9703326	5,0074615	5,087483
0,000296594	0,003230182	2,214679	down	noncoding	ENST00000567091	5,21649	5,0032735	5,4384327	5,4531226	5,5043325	6,461213	6,458041	6,588098	6,4285803	6,415207
0,000296594	0,003230182	2,214679	down	noncoding	ENST00000567091	5,21649	5,0032735	5,4384327	5,4531226	5,5043325	6,461213	6,458041	6,588098	6,4285803	6,415207
0,000354325	0,003555151	6,6053433	down	noncoding	uc001ebj.2	4,688161	4,3515124	3,824719	4,241358	4,7094593	6,970805	6,7538333	7,473038	6,8385415	7,3971596
0,010988598	0,030505522	3,5012569	down	noncoding	uc001pen.1	3,485987	2,3729734	3,5855107	4,5367703	4,8478026	5,414083	5,5336194	5,5712733	5,424546	5,924887
0,010988598	0,030505522	3,5012569	down	noncoding	uc001pen.1	3,485987	2,3729734	3,5855107	4,5367703	4,8478026	5,414083	5,5336194	5,5712733	5,424546	5,924887
6,85193E-06	0,000594069	2,5411269	down	noncoding	NR_027167	9,847656	9,837532	9,846463	9,794194	9,95305	11,21852	11,176474	11,182134	10,997278	11,431831
6,85193E-06	0,000594069	2,5411269	down	noncoding	NR_027167	9,847656	9,837532	9,846463	9,794194	9,95305	11,21852	11,176474	11,182134	10,997278	11,431831
0,002963819	0,01279646	4,7878656	down	noncoding	uc003weh.1	7,7898917	8,402879	7,8694925	6,6381035	7,062509	9,769519	9,651926	9,843162	9,802251	9,992931
0,048830378	0,092213666	4,0108548	down	noncoding	TCONS_00020936	3,6721413	3,6610336	4,1649294	4,335712	2,642579	7,1416464	7,4333196	5,991416	4,444648	3,484914
0,000461779	0,00406445	2,6342425	down	noncoding	ENST00000434552	6,216786	6,6283736	6,2760096	6,2287364	6,0017486	7,756296	7,763434	7,679031	7,3247313	7,8151026
0,003205772	0,013494192	3,2526387	down	noncoding	ENST00000563752	3,275914	3,9296715	4,132191	4,3877816	2,642579	5,652346	5,4070406	5,3553176	5,5056033	4,9558825
0,003397721	0,013975762	7,2809605	down	noncoding	chr1:47977525-479	7,4897556	7,554281	7,502674	10,327944	7,6622505	10,675669	10,756811	9,851687	14,487823	9,085559
0,007607106	0,023608867	2,1365896	down	noncoding	ENST00000528151	6,3152647	5,997627	6,381865	8,693152	6,6508217	7,391396	7,5365705	7,0892677	10,326907	7,1711383
0,004847671	0,017603887	2,7811559	down	noncoding	ENST00000431947	3,5736728	3,8033729	3,1406398	2,915866	2,642579	5,4086466	4,241358	4,794302	4,598904	4,411343
0,022687201	0,052169619	2,4935459	down	noncoding	ENST00000514269	2,7984738	4,279459	3,4904747	2,3967412	2,642579	4,058855	4,4768043	4,4243274	4,342421	4,8963137
0,037345305	0,0754513	4,7417975	down	noncoding	ENST00000509834	5,53613	6,6024113	5,92736	4,078309	2,642579	7,1312633	7,2053165	7,329023	6,9027443	7,4456124
0,005820162	0,019896558	3,9374652	down	noncoding	ENST00000561241	4,0909467	3,9903688	4,118319	4,3767023	2,642579	5,4298067	5,550189	6,055361	6,027162	6,042733
0,005820162	0,019896558	3,9374652	down	noncoding	ENST00000561241	4,0909467	3,9903688	4,118319	4,3767023	2,642579	5,4298067	5,550189	6,055361	6,027162	6,042733
0,005820162	0,019896558	3,9374652	down	noncoding	ENST00000561241	4,0909467	3,9903688	4,118319	4,3767023	2,642579	5,4298067	5,550189	6,055361	6,027162	6,042733
0,005820162	0,019896558	3,9374652	down	noncoding	ENST00000561241	4,0909467	3,9903688	4,118319	4,3767023	2,642579	5,4298067	5,550189	6,055361	6,027162	6,042733
0,005820162	0,019896558	3,9374652	down	noncoding	ENST00000561241	4,0909467	3,9903688	4,118319	4,3767023	2,642579	5,4298067	5,550189	6,055361	6,027162	6,042733
0,005820162	0,019896558	3,9374652	down	noncoding	ENST00000561241	4,0909467	3,9903688	4,118319	4,3767023	2,642579	5,4298067	5,550189	6,055361	6,027162	6,042733
0,005820162	0,019896558	3,9374652	down	noncoding	ENST00000561241	4,0909467	3,9903688	4,118319	4,3767023	2,642579	5,4298067	5,550189	6,055361	6,027162	6,042733
0,000866218	0,005858408	32,0969307	down	noncoding	ENST00000526254	3,7002444	5,459151	4,5624404	5,068012	2,642579	9,282247	9,156979	9,307055	9,211781	9,496182
0,000277581	0,003093815	3,6224371	down	noncoding	TCONS_00023134	5,109209	5,378031	5,1544175	4,486117	4,875982	6,944821	6,720708	6,9230466	6,7342434	6,9657407
0,011226805	0,030977045	2,492639	down	noncoding	ENST00000515422	3,9029517	3,5742073	4,036222	5,9413953	2,642579	4,9892344	5,37787	5,1390247	6,39805	4,781546
0,043915886	0,085085589	3,6136967	down	noncoding	uc002wsw.1	4,8399854	5,6204195	5,037417	2,3967412	2,642579	5,8752537	6,0086613	6,1360703	5,5025754	6,2819586
0,004285776	0,016249227	3,5407167	down	noncoding	ENST00000477702	6,6278844	6,824501	6,5695224	6,8549447	6,0938215	8,587672	8,6307335	8,6501045	7,544021	8,67835
2,04279E-05	0,000887347	3,3113194	down	noncoding	ENST00000457924	7,234546	7,160189	7,178635	7,3137236	7,457533	9,0165	9,0673	9,001229	8,798298	9,0983305
2,27514E-05	0,000923202	3,1489984	down	noncoding	ENST00000537478	5,091011	5,342356	4,8767433	6,5854053	4,768942	6,8631945	6,9216905	6,714408	8,007044	6,4325857
0,002726378	0,012140146	2,3472444	down	noncoding	ENST00000533992	4,738539	4,8168507	4,880774	4,114613	4,002891	5,887391	5,878358	5,5431323	5,7570763	5,6425505
0,003943084	0,015355687	2,3651151	down	noncoding	TCONS_00019182	4,9129357	4,495049	5,035515	7,2366686	5,1134434	6,369779	6,3967023	6,2541676	7,953697	6,0288177
0,00874039	0,025996021	2,0817653	down	noncoding	ENST00000545572	4,604353	4,688057	4,373339	4,1066146	4,6870403	6,394711	5,323903	5,203804	5,4448137	5,3812094
0,00010704	0,00185824	2,8053742	down	noncoding	ENST00000526107	6,3657537	6,5000987	6,4148088	5,7501774	6,3972025	7,9106183	7,7226624	7,745044	7,5307364	7,959946
0,003584031	0,014480151	2,1381555	down	noncoding	ENST00000560452	5,757221	5,848485	5,713976	7,3816576	5,612922	7,4464736	7,111836	6,714785	8,023129	6,499872
0,006470656	0,021274712	2,833532	down	noncoding	uc004adp.4	8,894783	9,442493	8,954465	7,8743405	8,18406	10,123379	10,106752	10,278624	9,920784	10,43361
0,017780073	0,043541291	10,6512505	down	noncoding	ENST00000571975	9,309618	9,971346	9,3585415	13,183858	7,8050714	13,626667	13,6771755	13,283964	13,210712	12,894671
0,017780073	0,043541291	10,6512505	down	noncoding	ENST00000571975	9,309618	9,971346	9,3585415	13,183858	7,8050714	13,626667	13,6771755	13,283964	13,210712	12,894671
0,017780073	0,043541291	10,6512505	down	noncoding	ENST00000571975	9,309618	9,971346	9,3585415	13,183858	7,8050714	13,626667	13,6771755	13,283964	13,210712	12,894671
7,75891E-06	0,000609941	3,4262588	down	noncoding	ENST00000567788	5,220348	5,1979074	5,0911365	4,415744	5,227216	7,06491	6,9035664	7,072473	6,1008716	6,8937016
0,006384378	0,021123112	3,0527235	down	noncoding	BF986711	4,304942	4,83949	4,3012266	7,0334673	2,642579	5,73881	5,9437566	5,798141	8,241276	5,450206
4,07151E-05	0,001194354	2,3230511	down	noncoding	NR_047594	4,8733807	4,3677344	4,6238704	4,582276	4,794992	6,009326	5,770837	5,947284	5,661217	5,933694
0,002203095	0,010547306	2,0914291	down	noncoding	ENST00000520023	4,020623	4,5502563	3,6074135	4,0178757	4,0080056	5,145684	5,7506633	5,0744076	5,0066843	4,5491805
0,002203095	0,010547306	2,0914291	down	noncoding	ENST00000520023	4,020623	4,5502563	3,6074135	4,0178757	4,0080056	5,145684	5,7506633	5,0744076	5,0066843	4,5491805
0,013222085	0,034832297	2,6769533	down	noncoding	uc021vdo.1	7,6430006	8,190929	7,6387386	6,298336	6,714408	8,705369	8,683199	8,805776	8,506463	8,887565
0,009562066	0,027644321	2,3599353	down	noncoding	ENST00000541288	4,033449	4,6395717	4,191645	6,179552	4,7443695	5,7404475	6,286695	5,7368727	6,486818	5,7314906
0,049693472	0,093520925	2,2983466	down	noncoding	ENST00000504516	3,2593157	3,9557812	4,222926	7,5083547	3,911412	5,6730413	5,6207557	5,224871	7,2974615	5,044642
0,000764724	0,005450935	5,628426	down	noncoding	NR_034039	6,192096	6,6372404	6,309072	5,096027	5,643489	8,324953	8,434765	8,600953	8,305754	8,675157
0,000279774	0,003113045	3,1192935	down	noncoding	uc003ysl.3	5,9552083	5,921637	5,4997716	5,5546	5,73198	8,019437	7,132299	7,2055855	7,11115	7,400822
0,017594426	0,043229235	2,4701109	down	noncoding	uc004acc.4	8,836004	9,402877	8,896087	7,674227	7,996602	9,825751	9,760252	9,931809	9,772499	10,038365
0,018906443	0,0456282	3,1129019	down	noncoding	HMlincRNA316+	6,6439047	7,571966	6,829484	7,6770287	4,5167003	8,356225	8,613323	8,240274	8,465947	7,7546153

0,00675349	0,021833149	3,7681888	down	noncoding	uc003ice.3	3,0499623	4,3971796	3,3163853	4,004812	2,642579	4,817842	5,4729643	5,4907017	5,355613	5,8431535
0,000356397	0,003563724	2,7288993	down	noncoding	uc002bkc.3	6,8634286	7,063351	6,795008	7,3621225	6,692247	8,378932	8,376814	8,533544	8,382821	8,345642
0,008759805	0,02603281	8,7836844	down	noncoding	uc003gnf.3	4,654663	4,965128	4,556755	5,6856933	2,642579	7,68806	7,6510954	7,845474	6,984115	8,010205
0,008066325	0,024625537	3,322815	down	noncoding	ENST00000415869	2,3977764	3,1874878	2,415766	4,4892883	2,642579	4,8673973	4,277073	4,697938	5,179369	4,77315
0,00028828	0,003170007	2,7365777	down	noncoding	TCONS_00006382	9,274793	9,672161	9,353948	9,650295	9,086078	10,766094	10,713734	10,779574	11,145619	10,894118
0,041885979	0,082274439	5,9849706	down	noncoding	NR_033957	8,914449	9,869111	9,017901	8,346356	4,6746182	10,842074	10,938957	10,814711	10,451309	10,682105
0,015308882	0,039008615	4,5005069	down	noncoding	uc002dhi.1	2,3977764	3,4089768	2,415766	6,481083	2,642579	5,523883	5,675656	5,4888473	6,6599264	4,848306
0,002032704	0,009970613	2,7154334	down	noncoding	ENST00000573220	7,857697	8,390261	7,93454	8,362671	7,353515	9,476036	9,525039	9,436019	9,253934	9,4135685
0,002069162	0,010100097	3,2977238	down	noncoding	ENST00000507505	3,1824737	3,708886	3,7400813	2,3967412	2,642579	4,9316816	4,8169394	4,9843016	4,6895804	4,855611
0,0459409	0,088085179	2,0288834	down	noncoding	NR_015361	3,8261158	4,247432	3,9101899	4,5799923	2,642579	3,8802216	4,8570805	5,573432	5,3511653	4,6478395
0,026471516	0,058290017	3,9339942	down	noncoding	TCONS_00008952	3,7896178	5,2798696	4,1709104	6,607501	2,642579	6,580745	6,2500553	6,2956886	7,034678	6,209285
0,001197862	0,007184739	2,0325671	down	noncoding	ENST00000436200	12,980512	13,017454	12,980512	13,706466	12,855745	14,162609	14,004087	13,994712	14,300797	14,194999
0,02715745	0,059407926	5,2741599	down	noncoding	uc003oje.1	5,708565	6,51157	5,7533393	6,5417843	2,642579	7,799792	7,93568	7,7644796	7,8604026	7,79219
0,02715745	0,059407926	5,2741599	down	noncoding	uc003oje.1	5,708565	6,51157	5,7533393	6,5417843	2,642579	7,799792	7,93568	7,7644796	7,8604026	7,79219
0,02715745	0,059407926	5,2741599	down	noncoding	uc003oje.1	5,708565	6,51157	5,7533393	6,5417843	2,642579	7,799792	7,93568	7,7644796	7,8604026	7,79219
0,02715745	0,059407926	5,2741599	down	noncoding	uc003oje.1	5,708565	6,51157	5,7533393	6,5417843	2,642579	7,799792	7,93568	7,7644796	7,8604026	7,79219
0,02715745	0,059407926	5,2741599	down	noncoding	uc003oje.1	5,708565	6,51157	5,7533393	6,5417843	2,642579	7,799792	7,93568	7,7644796	7,8604026	7,79219
0,02715745	0,059407926	5,2741599	down	noncoding	uc003oje.1	5,708565	6,51157	5,7533393	6,5417843	2,642579	7,799792	7,93568	7,7644796	7,8604026	7,79219
0,013779574	0,035977422	2,7080654	down	noncoding	TCONS_00001962	4,760246	4,608366	3,9610147	3,9766254	2,642579	5,5851293	5,512585	5,559722	5,1373568	5,340351
0,003851914	0,015140953	2,8582891	down	noncoding	ENST00000429663	4,5840225	4,45681	4,363227	3,1260355	4,569613	5,5858283	6,060956	5,674406	5,571563	5,782714
1,06737E-05	0,000683347	3,7639736	down	noncoding	ENST00000577672	11,168091	11,291341	11,275845	10,982862	11,185339	13,2218895	13,110883	12,959282	12,965199	13,207507
1,06737E-05	0,000683347	3,7639736	down	noncoding	ENST00000577672	11,168091	11,291341	11,275845	10,982862	11,185339	13,2218895	13,110883	12,959282	12,965199	13,207507
0,00462474	0,017037391	6,1776669	down	noncoding	ENST00000513501	6,015688	6,452062	6,005741	4,661334	4,309335	7,9728284	8,0273285	8,243672	7,9660115	8,36963
0,021381165	0,049872513	7,8936317	down	noncoding	ENST00000583364	10,885048	11,425755	11,086211	9,001229	6,664366	13,008528	12,996477	12,745171	12,708919	12,50696
0,001097801	0,00679954	3,8233666	down	noncoding	NR_038842	5,4808445	5,586733	5,585976	4,493306	5,175232	7,0597024	7,049535	7,2590227	7,128731	7,499318
0,04747239	0,090248836	3,0314306	down	noncoding	uc021rpp.1	4,327277	5,337132	4,990453	7,263061	2,642579	6,0812387	6,5833526	6,38532	7,3145447	6,19604
0,006170357	0,020692469	14,1886254	down	noncoding	ENST00000423332	4,8813415	6,1850696	5,246725	3,0113273	2,642579	8,146387	8,069979	8,257435	8,14779	8,478766
0,003439912	0,014106122	3,9153472	down	noncoding	ENST00000509938	5,110146	4,7175107	5,1922407	6,072839	5,4041905	7,430325	7,3532553	7,509589	6,9145145	7,1349444
0,003439912	0,014106122	3,9153472	down	noncoding	ENST00000509938	5,110146	4,7175107	5,1922407	6,072839	5,4041905	7,430325	7,3532553	7,509589	6,9145145	7,1349444
0,003439912	0,014106122	3,9153472	down	noncoding	ENST00000509938	5,110146	4,7175107	5,1922407	6,072839	5,4041905	7,430325	7,3532553	7,509589	6,9145145	7,1349444
1,99569E-05	0,000887347	2,9153406	down	noncoding	ENST00000429700	4,9621377	4,7890825	4,845378	4,8981495	4,794425	6,338649	6,448012	6,509186	6,2863216	6,4253263
0,002661616	0,011934472	2,8587624	down	noncoding	ENST00000558221	6,489626	6,9161873	6,368605	5,649154	6,3018475	7,725022	7,75406	7,9359884	7,829241	8,058062
0,046022848	0,088196534	2,0748617	down	noncoding	ENST00000455981	4,66589	4,415915	4,599044	4,313008	2,642579	5,146002	5,305105	5,215223	5,092415	5,142767
0,00032296	0,003387522	2,2649435	down	noncoding	ENST00000445429	7,126479	7,5216875	7,223722	7,828684	7,0136657	8,421319	8,6524725	8,520171	8,630843	8,386808
0,032277442	0,067665249	2,9349719	down	noncoding	ENST00000441052	6,9618506	7,7345395	7,0952697	5,569	5,086197	8,123362	8,138776	7,916982	8,081959	7,9525113
0,001540862	0,008327866	2,7672173	down	noncoding	ENST00000504719	3,7332227	4,1767282	4,2949214	3,2935853	4,124072	5,428391	5,2167583	5,343379	5,3232408	5,6529403
0,020840077	0,049009885	8,5700047	down	noncoding	ENST00000579581	11,752564	12,513397	11,798071	8,792915	8,640984	13,828884	13,748656	13,748656	13,750672	13,917543
0,027812515	0,060411692	2,3030038	down	noncoding	ENST00000413214	7,0025873	7,57374	7,154573	5,6302195	5,8809714	8,054284	7,743943	7,9473014	7,5854354	7,9287114
0,038905504	0,077924542	3,6181038	down	noncoding	uc.39-	2,3977764	3,5172129	2,415766	6,3827558	2,642579	4,4234934	6,4984465	5,2807636	5,958314	4,4712415
1,49606E-05	0,00079678	7,1895905	down	noncoding	ENST00000424332	8,263031	8,598886	8,341013	8,155591	8,059393	11,105527	11,080066	11,152001	11,058731	11,251137
1,49606E-05	0,00079678	7,1895905	down	noncoding	ENST00000424332	8,263031	8,598886	8,341013	8,155591	8,059393	11,105527	11,080066	11,152001	11,058731	11,251137
1,49606E-05	0,00079678	7,1895905	down	noncoding	ENST00000424332	8,263031	8,598886	8,341013	8,155591	8,059393	11,105527	11,080066	11,152001	11,058731	11,251137
0,019645742	0,046871589	3,4326265	down	noncoding	NR_038984	2,3977764	4,1067576	4,1781344	6,787977	2,642579	5,50423	5,7105923	5,561871	7,134167	5,0989285
0,003565075	0,014435137	3,5562834	down	noncoding	ENST00000562781	9,141848	9,800038	9,219983	8,557095	8,2053385	10,824831	10,784269	10,731052	10,849752	10,88625
0,017546709	0,043155734	6,06581	down	noncoding	ENST00000450783	9,78672	10,654686	9,911863	8,8762665	6,597481	11,81737	11,873733	11,815947	11,645858	11,67761
0,000198854	0,002576123	4,4836306	down	noncoding	ENST00000537724	6,0431685	6,629661	6,4026303	5,553514	6,0318756	8,300876	8,216559	8,446367	7,951925	8,5684595
0,004313078	0,016294218	2,2615987	down	noncoding	ENST00000582915	7,580935	7,505212	7,599464	10,708066	7,8213763	9,122675	9,189667	8,79911	11,324976	8,66534
0,042278469	0,0827923	4,6703403	down	noncoding	ENST00000453875	4,6705823	5,120544	4,9417825	7,4930863	3,9743237	7,971869	8,009977	7,5943837	6,723683	7,0180445
0,013554736	0,035518694	2,227349	down	noncoding	ENST00000416641	2,3977764	3,2229125	3,555804	5,732146	2,642579	4,3167233	4,632904	4,187285	6,160934	4,0300097
0,009735046	0,028050251	2,1334248	down	noncoding	ENST00000566287	7,6750307	7,225534	7,382725	10,29555	8,063174	8,942219	8,988891	8,656404	11,067625	8,452731
0,009735046	0,028050251	2,1334248	down	noncoding	ENST00000566287	7,6750307	7,225534	7,382725	10,29555	8,063174	8,942219	8,988891	8,656404	11,067625	8,452731
0,004212342	0,016090514	9,4166181	down	noncoding	NR_038974	5,9512377	6,125876	5,956974	8,842076	5,8602657	9,668864	9,668864	9,800716	9,894038	9,8799925
0,004212342	0,016090514	9,4166181	down	noncoding	NR_038974	5,9512377	6,125876	5,956974	8,842076	5,8602657	9,668864	9,668864	9,800716	9,894038	9,8799925
0,00020155	0,002594692	2,6039555	down	noncoding	ENST00000571780	5,5981526	5,4250627	5,6234384	7,5943837	6,020042	6,961554	7,1460505	7,0238285	8,962083	7,0710874
3,0427E-05	0,001054562	13,4262747	down	noncoding	TCONS_00014859	2,3977764	2,3729734	3,5241542	2,3967412	2,642579	6,343427	6,285039	6,570191	6,2069483	6,6635547
0,02230723	0,051506257	2,162549	down	noncoding	TCONS_00001961	4,6370764	3,7629504	3,729545	5,657468	3,6995966	5,321662	5,0785513	5,5475097	5,8056273	5,2969503
0,000157177	0,002305197	2,3026544	down	noncoding	ENST00000526431	5,808976	6,02321	5,8914766	5,091011	5,7049766	6,979283	7,110371	7,0266743	6,6352773	6,784534
0,028105873	0,060896746	3,1989343	down	noncoding	uc001nvs.3	5,3236055	6,0263944	5,4121904	3,3458796	4,547976	6,4894753	6,397032	6,6707554	6,538517	6,948223
0,028105873	0,060896746	3,1989343	down	noncoding	uc001nvs.3	5,3236055	6,0263944	5,4121904	3,3458796	4,547976	6,4894753	6,397032	6,6707554	6,538517	6,948223
0,028105873	0,060896746	3,1989343	down	noncoding	uc001nvs.3	5,3236055	6,0263944	5,4121904	3,3458796	4,547976	6,4894753	6,397032	6,6707554	6,538517	6,948223
0,005270149	0,018621607	3,9603067	down	noncoding	ENST00000556479	6,455874	6,880225	6,4375954	5,8022094	4,4710774	8,112371	8,378561	8,181269	7,415144	7,887697
0,008996258	0,026527474	2,7263136	down	noncoding	TCONS_00003533	4,52025	5,0597496	4,174196	7,11786	4,085217	6,3531566	6,384186	6,269082	7,4534597	5,732146
0,001905543	0,009556164	2,070597	down	noncoding	ENST00000423945	9,844109	10,0445795	9,817843	9,405284	9,791484	10,724605	10,685272	10,8131485	10,866014	11,064494
0,000713256	0,005214507	2,6817049	down	noncoding	ENST00000523269	8,374669	8,369833	8,4510975	9,475123	8,460102	10,080268	9,952069	9,839641	10,327944	10,046655
0,001862998	0,0094021	2,2766864	down	noncoding	ENST00000457233	9,7572975	9,993198	9,859052	9,134258	9,722178	10,793433	10,788569	10,895875	10,8783455	11,044439
0,007997297	0,024468901	2,8822368	down	noncoding	ENST00000503493	4,015082	4,6260905	4,209744	4,6916265	2,642579	4,640586	6,4219074	5,1674294	6,776741	4,8144026
0,007997297	0,024468901	2,8822368	down	noncoding	ENST00000503493	4,015082	4,6260905	4,209744	4,6916265	2,642579	4,640586	6,4219074	5,1674294	6,776741	4,8144026
0,047137444	0,089762181	2,5642643	down	noncoding	ENST00000451431	3,768847	3,223275	3,3400154	7,2199497	2,642579	5,1942863	5,8339424	4,683636	6,8843203	4,391206
0,006322379	0,020987971	3,5312312	down	noncoding	uc010sdb.1	5,231638	5,423098	4,9979815	3,8835247	3,8001947	6,545971	6,4199157	6,584303	6,1694937	6,71761
1,54315E-06	0,00039769	2,326143	down	noncoding	ENST00000450157	9,157544	9,132769	9,193769	9,414956	9,203225	10,439031	10,37686	10,430496	10,533313	10,412262
0,004035893	0,015601582	16,1972872	down	noncoding	ENST00000579363	8,382465	9,20096	8,409187	7,221466	5,623998	11,690062	11,636009	11,856393	11,741739	12,0022745
0,000579572	0,004624995	3,0648681	down	noncoding	ENST00000565308	11,854137	12,139286	11,89948	11,428841	11,731346	13,392008	13,254815	13,411486	13,509776	13,56413

0,001216927	0,007246298	4,3998783	down	noncoding	ENST00000424938	4,3432493	4,534889	4,5184555	3,0400672	4,1691175	7,0629463	7,3409853	6,3188367	4,8767433	5,693585
1,46986E-05	0,000791496	20,7475788	down	noncoding	NR_049773	5,567998	5,7975698	5,3021994	5,538992	5,1638384	9,716193	9,72357	9,95305	9,802669	10,049471
1,46986E-05	0,000791496	20,7475788	down	noncoding	NR_049773	5,567998	5,7975698	5,3021994	5,538992	5,1638384	9,716193	9,72357	9,95305	9,802669	10,049471
1,46986E-05	0,000791496	20,7475788	down	noncoding	NR_049773	5,567998	5,7975698	5,3021994	5,538992	5,1638384	9,716193	9,72357	9,95305	9,802669	10,049471
0,00075138	0,005386135	3,1658074	down	noncoding	ENST00000416845	3,4823933	3,838589	3,2815225	3,5291758	4,3604555	5,2551007	5,3163595	5,4682775	5,299012	5,4662538
0,005586992	0,019318272	5,1208854	down	noncoding	TCONS_00003800	4,0236444	4,938613	4,03682	5,0047836	2,642579	6,8470674	6,8058743	6,5687046	6,00598	6,20078
0,006420826	0,021191019	2,0096555	down	noncoding	ENST00000418076	6,378675	6,830011	6,4568872	5,370617	5,8044853	7,3874607	7,209392	7,2901134	6,7874746	7,200976
0,015055984	0,038476983	2,7725381	down	noncoding	ENST00000487814	5,5026994	5,554267	5,4011483	4,1728334	4,304715	6,5424256	6,295143	6,284524	6,504681	6,664926
0,015055984	0,038476983	2,7725381	down	noncoding	ENST00000487814	5,5026994	5,554267	5,4011483	4,1728334	4,304715	6,5424256	6,295143	6,284524	6,504681	6,664926
0,015055984	0,038476983	2,7725381	down	noncoding	ENST00000487814	5,5026994	5,554267	5,4011483	4,1728334	4,304715	6,5424256	6,295143	6,284524	6,504681	6,664926
0,015055984	0,038476983	2,7725381	down	noncoding	ENST00000487814	5,5026994	5,554267	5,4011483	4,1728334	4,304715	6,5424256	6,295143	6,284524	6,504681	6,664926
0,015055984	0,038476983	2,7725381	down	noncoding	ENST00000487814	5,5026994	5,554267	5,4011483	4,1728334	4,304715	6,5424256	6,295143	6,284524	6,504681	6,664926
0,015055984	0,038476983	2,7725381	down	noncoding	ENST00000487814	5,5026994	5,554267	5,4011483	4,1728334	4,304715	6,5424256	6,295143	6,284524	6,504681	6,664926
0,044793492	0,08633831	2,1362619	down	noncoding	TCONS_00004010	3,5347497	3,9280887	2,415766	2,3967412	2,642579	3,5806577	4,2701416	4,2915187	4,2061124	4,0449367
0,034412845	0,070952489	2,6489438	down	noncoding	ENST00000565024	5,2819037	5,911715	5,2622595	5,2618937	3,8149588	6,2340784	6,6346602	6,7665315	6,0120645	6,9124823
1,04026E-05	0,00067727	2,8651649	down	noncoding	uc011mhl.1	5,090669	5,221144	5,1199	4,855611	5,2342057	6,4132233	6,7288246	6,661911	6,4158516	6,89481
7,94009E-05	0,001600734	3,6327651	down	noncoding	TCONS_00006101	5,5131335	5,8040123	5,709736	5,8647685	5,3876686	7,565534	7,4877687	7,500485	7,4535627	7,577309
0,009922459	0,028454785	2,2854823	down	noncoding	TCONS_00013475	5,067153	4,3112817	5,270664	6,0217032	6,0022063	6,4886208	6,1633244	6,687486	6,3588295	6,9372406
0,000873805	0,005894093	2,7770279	down	noncoding	TCONS_00015390	7,76244	7,5241036	7,803203	10,585682	8,06157	9,565712	9,426109	9,189931	11,82538	9,097575
0,007077545	0,022547756	4,3274756	down	noncoding	ENST00000518355	2,3977764	2,613118	2,415766	4,846959	2,642579	4,7650843	5,546136	5,06956	5,4015746	4,701472
0,035469269	0,072613981	4,9400025	down	noncoding	ENST00000505841	5,1272655	5,8790894	5,0984335	2,3967412	2,642579	6,3900766	6,5094137	6,5824747	6,262629	6,9220734
0,000164882	0,00233857	13,4116088	down	noncoding	TCONS_00010747	3,8431628	2,64452	3,1777632	2,962156	2,642579	6,597279	6,65924	6,969891	6,720002	7,050821
0,000481087	0,004147978	5,5965411	down	noncoding	TCONS_00006196	7,043703	7,547318	7,150852	6,8959007	6,255883	9,417555	9,453512	9,537692	9,28713	9,620445
0,006260134	0,020893974	2,1690316	down	noncoding	TCONS_00020094	4,2965207	5,221512	4,9036903	3,5349672	3,8794188	5,4139004	5,790056	5,7260056	4,7911024	5,7003
0,046162015	0,088405911	3,83353	down	noncoding	TCONS_00016565	3,4433255	3,720024	4,7305818	8,448358	4,8263707	7,5279613	6,4557667	6,301324	8,584393	5,9925823
0,04776246	0,090695284	4,2169519	down	noncoding	uc002jit.1	4,0119667	3,0405607	2,415766	6,0829144	2,642579	5,356577	5,663476	5,827716	5,640738	6,0862827
0,006070092	0,020505118	2,0497699	down	noncoding	ENST00000438409	4,5117283	4,834196	4,365836	5,110958	5,1197796	5,8848343	6,280649	5,4361405	6,047208	5,470976
0,013925769	0,036265892	4,412123	down	noncoding	TCONS_00026607	2,3977764	2,6222591	3,1322114	4,382762	2,642579	4,815956	6,612845	4,371288	5,602284	4,48258
0,003569349	0,014440572	2,3471002	down	noncoding	AK128475	4,878916	4,550497	4,661457	4,792713	6,0569215	6,19713	6,13541	6,2857804	5,8958364	6,580745
0,00479242	0,017475246	5,6158016	down	noncoding	ENST00000533286	3,753589	4,9819703	3,9687252	3,3583648	2,642579	5,893251	6,1537166	6,401477	6,202177	6,5020666
0,000817703	0,005660699	2,1910787	down	noncoding	ENST00000417359	4,695764	5,299135	4,925217	5,112828	4,6776953	5,6546307	6,213826	6,1657786	6,0824976	6,252113
0,000350672	0,003534284	5,9578452	down	noncoding	TCONS_00001294	4,5291624	4,887329	4,602901	3,5487468	4,2109084	6,6925473	6,916554	7,0952697	6,7577915	7,1908383
0,00405607	0,015663614	40,9629877	down	noncoding	ENST00000540802	5,8530717	6,746562	6,088189	9,614172	4,3120356	11,824514	11,79995	12,027254	11,7739105	11,969647
0,000310023	0,003303407	3,107606	down	noncoding	ENST00000506634	11,880422	12,084656	11,840473	11,512425	11,551764	13,34445	13,311324	13,434299	13,486713	13,471972
0,001195459	0,007179068	2,0802934	down	noncoding	ENST00000444923	6,738275	6,997517	6,74904	7,497997	6,8574147	8,015792	7,972521	8,056107	8,098456	7,9813027
0,007990914	0,024455935	3,7100915	down	noncoding	ENST00000452962	9,339072	10,117995	9,363844	8,549604	7,8075356	10,92502	10,9940405	10,931362	10,823705	10,961197
0,007990914	0,024455935	3,7100915	down	noncoding	ENST00000452962	9,339072	10,117995	9,363844	8,549604	7,8075356	10,92502	10,9940405	10,931362	10,823705	10,961197
0,000139064	0,002150581	3,8803613	down	noncoding	ENST00000489257	10,416566	10,698889	10,475844	10,611217	10,16193	12,286736	12,229638	12,364385	12,94001	12,324632
0,002512288	0,011514551	22,0022003	down	noncoding	NR_049776	2,3977764	2,3729734	2,415766	5,6266203	2,642579	7,4202447	7,567451	7,7470546	7,4585023	7,560342
0,00112954	0,006930936	3,2468145	down	noncoding	TCONS_00028118	4,838061	4,952162	4,627912	3,968386	4,2407947	6,3127356	5,963459	6,5033607	5,985492	6,3573933
0,000408939	0,003825134	2,4494762	down	noncoding	uc011abu.2	7,387347	7,8932676	7,470543	6,950272	7,006612	8,669377	8,79958	8,67812	8,408492	8,614839
8,30027E-06	0,000631308	7,9406807	down	noncoding	NR_045604	2,3977764	2,3729734	2,415766	2,3967412	2,642579	5,3085666	5,1698995	5,7364173	5,188053	5,769213
8,30027E-06	0,000631308	7,9406807	down	noncoding	NR_045604	2,3977764	2,3729734	2,415766	2,3967412	2,642579	5,3085666	5,1698995	5,7364173	5,188053	5,769213
8,30027E-06	0,000631308	7,9406807	down	noncoding	NR_045604	2,3977764	2,3729734	2,415766	2,3967412	2,642579	5,3085666	5,1698995	5,7364173	5,188053	5,769213
0,001816488	0,009228559	2,8436771	down	noncoding	NR_040040	4,91189	5,6420975	4,889525	7,808807	4,4712415	6,5650034	6,6372404	6,923336	8,872243	6,2645264
0,001816488	0,009228559	2,8436771	down	noncoding	NR_040040	4,91189	5,6420975	4,889525	7,808807	4,4712415	6,5650034	6,6372404	6,923336	8,872243	6,2645264
0,001816488	0,009228559	2,8436771	down	noncoding	NR_040040	4,91189	5,6420975	4,889525	7,808807	4,4712415	6,5650034	6,6372404	6,923336	8,872243	6,2645264
9,26205E-06	0,000642298	5,672216	down	noncoding	TCONS_00005258	5,856553	5,8704996	6,20078	5,669489	6,482876	8,408492	8,370382	8,59706	8,470274	8,753552
0,014597	0,037595078	2,6137687	down	noncoding	NR_027163	8,667548	9,313709	8,820114	7,5329556	8,005039	9,77963	9,751368	9,89634	9,778834	10,063851
0,014597	0,037595078	2,6137687	down	noncoding	NR_027163	8,667548	9,313709	8,820114	7,5329556	8,005039	9,77963	9,751368	9,89634	9,778834	10,063851
0,000985526	0,006341983	2,0612044	down	noncoding	NR_038278	6,0722523	6,5342355	6,3152647	5,8284397	6,2846885	7,0903726	7,13754	7,386904	7,072473	7,565029
0,003028031	0,012986438	7,6120421	down	noncoding	ENST00000532713	2,3977764	4,5353208	3,8437324	2,3967412	2,642579	5,9471354	5,945225	6,18847	5,9343724	6,4423647
0,000462415	0,00406445	52,4547094	down	noncoding	TCONS_00010749	4,2050333	4,6744385	3,631161	5,5469522	2,642579	9,720652	9,679765	9,910911	9,850381	10,103457
0,011812568	0,032062065	3,1281675	down	noncoding	ENST00000543036	3,3894813	4,2161813	3,1376119	6,3576	2,642579	5,2233324	5,7370205	5,282873	6,6361475	5,090669
1,58216E-05	0,000807902	3,6334776	down	noncoding	ENST00000515467	9,022781	9,101552	8,895332	8,868853	8,796008	10,775127	10,762565	10,7473135	10,8180065	10,888269
0,001792203	0,009161872	2,0878724	down	noncoding	TCONS_00017157	4,757388	4,3977003	4,187285	2,3967412	2,642579	5,5787096	5,8121877	4,9859776	3,8089738	3,5060124
0,001415083	0,007936818	3,2431726	down	noncoding	uc003lqz.3	7,9155135	8,381708	7,986942	7,0532866	7,7602324	9,453512	9,428488	9,616442	9,406191	9,6800785
0,001415083	0,007936818	3,2431726	down	noncoding	uc003lqz.3	7,9155135	8,381708	7,986942	7,0532866	7,7602324	9,453512	9,428488	9,616442	9,406191	9,6800785
0,013645561	0,035699725	3,7789293	down	noncoding	ENST00000416894	5,2104235	5,457261	4,971484	3,4729311	2,642579	6,653952	6,3801975	6,3374295	5,8546305	6,1183567
0,013013828	0,034437127	8,0336317	down	noncoding	TCONS_00020843	8,066694	8,843734	8,058183	6,670125	5,0826674	10,281487	10,227287	10,400768	10,346635	10,495488
0,003604114	0,014537446	2,5230461	down	noncoding	ENST00000424211	5,141337	5,180108	4,920364	6,5801644	4,635604	6,6159763	6,6202893	6,6237516	7,062509	6,210884
0,003604114	0,014537446	2,5230461	down	noncoding	ENST00000424211	5,141337	5,180108	4,920364	6,5801644	4,635604	6,6159763	6,6202893	6,6237516	7,062509	6,210884
0,003604114	0,014537446	2,5230461	down	noncoding	ENST00000424211	5,141337	5,180108	4,920364	6,5801644	4,635604	6,6159763	6,6202893	6,6237516	7,062509	6,210884
0,009649952	0,027865697	5,6293495	down	noncoding	TCONS_00020346	2,3977764	3,2543955	2,415766	4,7370496	2,642579	5,6927996	5,31028	5,6378074	5,308177	5,9633436
3,78759E-05	0,001154161	5,4007645	down	noncoding	ENST00000434182	5,5384617	5,385316	5,225854	5,292433	5,3149524	7,582688	7,6812825	7,9858894	7,7851534	7,887822
0,023345711	0,053244793	2,2381573	down	noncoding	ENST00000515296	3,753421	4,309873	3,6156607	5,013923	2,642579	4,9298472	5,2985992	5,051185	5,117649	4,7497334
0,000612006	0,00476044	2,1279644	down	noncoding	TCONS_00002016	6,6133127	6,498762	6,6190853	5,930691	6,7510734	7,5694146	7,563301	7,5753646	7,456989	7,6952252
0,028163225	0,060985245	2,5008501	down	noncoding	NR_027070	3,744136	4,0077763	3,6884282	7,109905	2,642579	5,5609794	5,677087	4,9808054	6,9327645	4,653281
0,028163225	0,060985245	2,5008501	down	noncoding	NR_027070	3,744136	4,0077763	3,6884282	7,109905	2,642579	5,5609794	5,677087	4,9808054	6,9327645	4,653281
9,47924E-05	0,001740293	8,9512614	down	noncoding	ENST00000414189	5,561433	5,358449	5,2273693	5,820304	5,2229667	8,669914	8,465448	8,686641	8,299287	8,879687
0,004689621	0,017219357	2,7968907	down	noncoding	ENST00000508111	5,9963393	6,6172605	6,055361	6,235006	5,340351	7,966408	8,059218	7,690696	6,7434263	7,203689
0,002667123	0,011951912	9,0586144	down	noncoding	ENST00000571590	2,3977764	2,8729186	2,415766	4,772719	2,642579	6,082012	6,199858	6,2963724	6,0714393	6,3485293

0,002667123	0,011951912	9,0586144	down	noncoding	ENST00000571590	2,3977764	2,8729186	2,415766	4,772719	2,642579	6,082012	6,199858	6,2963724	6,0714393	6,3485293
0,002667123	0,011951912	9,0586144	down	noncoding	ENST00000571590	2,3977764	2,8729186	2,415766	4,772719	2,642579	6,082012	6,199858	6,2963724	6,0714393	6,3485293
0,000616495	0,004777755	2,1125164	down	noncoding	NR_026778	7,0831523	7,5509634	7,0710874	6,336322	6,572963	8,2773695	8,264502	8,0175085	7,5490947	7,900826
0,011858768	0,032157932	2,0762006	down	noncoding	NR_045022	6,3699503	6,848368	6,374896	5,6307683	5,584138	7,224596	7,1979856	7,612564	6,6394386	7,4032655
0,011858768	0,032157932	2,0762006	down	noncoding	NR_045022	6,3699503	6,848368	6,374896	5,6307683	5,584138	7,224596	7,1979856	7,612564	6,6394386	7,4032655
0,00121695	0,007246298	2,4340801	down	noncoding	ENST00000568317	7,662033	7,7042613	7,666975	8,569239	7,7591395	9,089258	9,072412	9,252191	9,246249	9,118421
0,016920878	0,041986846	3,8507453	down	noncoding	ENST00000520324	6,320552	6,7108135	6,387279	8,566995	5,92736	8,808518	8,677544	8,628738	8,647457	8,876431
0,000732244	0,005289267	2,1782799	down	noncoding	uc001yvo.4	5,6951714	5,945356	5,652346	5,385759	6,079529	6,794613	6,678758	6,9950895	6,7928104	7,1128373
0,001920823	0,009616478	3,7959804	down	noncoding	ENST00000543515	6,231362	6,2370033	6,1487756	6,8234906	5,798013	8,243199	8,281162	8,284438	7,7467103	8,305498
0,001920823	0,009616478	3,7959804	down	noncoding	ENST00000543515	6,231362	6,2370033	6,1487756	6,8234906	5,798013	8,243199	8,281162	8,284438	7,7467103	8,305498
1,2795E-06	0,000383489	4,3136469	down	noncoding	NR_027783	7,565534	7,633649	7,580234	7,5159855	7,679669	9,605675	9,602695	9,783089	9,655336	9,872817
0,000955146	0,00622403	2,7425154	down	noncoding	TCONS_00026597	3,9162972	3,9273953	3,6071663	3,6902425	3,6584117	4,9157853	5,068413	5,275509	5,583214	5,2340903
0,002331594	0,01096656	2,8602584	down	noncoding	ENST00000554055	10,991323	11,312691	11,045302	13,724923	10,868285	12,929704	12,980512	12,827286	14,4057865	12,379963
0,042704045	0,083448775	8,9894008	down	noncoding	TCONS_00029159	9,530971	10,559727	9,658111	7,1187882	4,739162	11,411751	11,399247	11,603703	11,469214	11,563969
0,036199633	0,073731308	2,367948	down	noncoding	HMlincRNA51+	3,5429182	4,9237747	4,348309	6,6572137	4,898984	5,9916887	6,127601	6,1364746	6,9944677	5,3391547
0,004146771	0,015905821	3,423184	down	noncoding	NR_038281	4,037159	4,350031	3,8276412	5,11123	4,401196	6,0926223	6,0635962	6,378675	5,8251367	6,2439213
6,49309E-05	0,001469547	7,1343442	down	noncoding	ENST00000489488	6,4894753	6,8790717	6,6326966	6,638365	6,0260763	9,388361	9,324838	9,458179	9,238259	9,429952
6,49309E-05	0,001469547	7,1343442	down	noncoding	ENST00000489488	6,4894753	6,8790717	6,6326966	6,638365	6,0260763	9,388361	9,324838	9,458179	9,238259	9,429952
6,49309E-05	0,001469547	7,1343442	down	noncoding	ENST00000489488	6,4894753	6,8790717	6,6326966	6,638365	6,0260763	9,388361	9,324838	9,458179	9,238259	9,429952
6,49309E-05	0,001469547	7,1343442	down	noncoding	ENST00000489488	6,4894753	6,8790717	6,6326966	6,638365	6,0260763	9,388361	9,324838	9,458179	9,238259	9,429952
6,49309E-05	0,001469547	7,1343442	down	noncoding	ENST00000489488	6,4894753	6,8790717	6,6326966	6,638365	6,0260763	9,388361	9,324838	9,458179	9,238259	9,429952
0,000600038	0,00471449	2,0267667	down	noncoding	ENST00000544386	9,84062	9,689932	9,886224	10,224998	10,036527	11,034847	10,96952	10,912632	10,926901	10,930301
0,01098952	0,030505522	2,1899245	down	noncoding	ENST00000355920	6,975003	7,1496353	6,998486	7,965332	7,126151	8,475479	8,472036	8,424448	8,099127	8,397923
0,001251167	0,007369001	2,1086854	down	noncoding	ENST00000433079	7,056998	7,539451	7,238997	6,5432553	6,9102874	8,006711	8,195899	8,298734	7,912609	8,256755
0,000598016	0,004705662	2,0465986	down	noncoding	DT216591	6,7883377	6,489818	6,6521983	6,943996	6,696788	7,845013	7,8706307	7,725162	7,690696	7,6057773
0,023985483	0,054343316	2,6997353	down	noncoding	ENST00000451400	8,045798	7,5569367	7,9302435	10,909515	9,283838	10,166678	9,94905	9,478008	11,857617	9,439068
9,34394E-06	0,000642298	2,6458898	down	noncoding	TCONS_00016344	8,785625	8,81735	8,853954	8,373041	8,723086	10,267634	10,221649	10,065921	9,840282	10,176335
0,000145801	0,002201231	17,267011	down	noncoding	uc003ylb.1	4,741205	4,3090215	4,012141	4,9292192	5,809738	8,745497	8,759798	8,985849	8,818253	9,04166
0,000145801	0,002201231	17,267011	down	noncoding	uc003ylb.1	4,741205	4,3090215	4,012141	4,9292192	5,809738	8,745497	8,759798	8,985849	8,818253	9,04166
2,05941E-05	0,000887347	3,3955526	down	noncoding	ENST00000504307	8,147573	8,114703	7,8706307	8,278997	8,288785	9,836575	9,787426	9,888727	10,127497	9,8786955
2,05941E-05	0,000887347	3,3955526	down	noncoding	ENST00000504307	8,147573	8,114703	7,8706307	8,278997	8,288785	9,836575	9,787426	9,888727	10,127497	9,8786955
0,004149463	0,015912017	5,6906302	down	noncoding	ENST00000564925	4,101104	4,60086	3,8058949	4,324066	2,642579	6,148089	6,126412	6,57411	6,509595	6,65924
0,004149463	0,015912017	5,6906302	down	noncoding	ENST00000564925	4,101104	4,60086	3,8058949	4,324066	2,642579	6,148089	6,126412	6,57411	6,509595	6,65924
0,001163254	0,007068966	4,9244029	down	noncoding	TCONS_00027712	7,9616456	8,516002	8,0118475	7,505212	7,0984654	10,022826	9,954803	10,343058	10,0445795	10,22765
0,009737992	0,028050251	2,3895936	down	noncoding	ENST00000519013	14,081072	14,226363	14,172188	14,090187	14,054688	15,758141	15,698195	15,621006	14,27541	15,5555725
0,000331839	0,003436757	23,0338496	down	noncoding	ENST00000415033	3,7100184	2,6852043	2,415766	4,0794454	2,642579	7,4791226	7,57852	7,6953554	7,478947	7,9294863
0,001701987	0,008869417	2,4793239	down	noncoding	ENST00000444102	4,0220923	4,588624	4,4493256	4,202197	3,9162972	5,215223	6,008457	5,7907524	4,9589314	5,754906
0,001701987	0,008869417	2,4793239	down	noncoding	ENST00000444102	4,0220923	4,588624	4,4493256	4,202197	3,9162972	5,215223	6,008457	5,7907524	4,9589314	5,754906
0,014220272	0,036870421	4,3118635	down	noncoding	uc003gnd.4	6,9648004	7,6064262	7,0706043	8,460102	5,4902735	9,177942	9,163392	9,272551	9,20096	9,318919
0,000408826	0,003825134	83,1170693	down	noncoding	TCONS_00010750	2,3977764	3,6595302	2,415766	5,37748	2,642579	9,513804	9,546167	9,764734	9,656486	9,897305
0,012805188	0,034037387	2,4465364	down	noncoding	ENST00000485225	2,3977764	2,4810352	3,1325588	5,332236	2,642579	3,5607584	4,6993136	3,9581227	5,878445	4,3432493
0,010979305	0,030489284	3,1782371	down	noncoding	ENST00000551893	3,7724228	4,1514583	4,0642905	3,281745	2,642579	5,1723313	5,1498337	5,325647	4,854095	5,7517223
0,027423571	0,059839503	2,0526126	down	noncoding	ENST00000447720	5,709736	5,560878	5,448509	9,29906	5,487389	6,6767473	7,2988114	6,957591	9,264323	6,495406
0,000721299	0,0052461	3,5309523	down	noncoding	ENST00000382488	4,9383106	5,1684403	4,918948	5,1363926	4,691829	6,5594587	6,704135	7,152478	6,511733	7,0264025
0,000770902	0,005472218	2,6356632	down	noncoding	TCONS_00005194	5,0644827	5,270664	5,243413	5,7875524	4,4536166	6,5790544	6,3949623	6,3815556	7,06491	6,3900766
0,000986556	0,006344783	3,8645693	down	noncoding	uc003wrb.1	5,779653	6,2777734	5,9435363	7,7081466	5,0089145	7,770893	7,8497896	7,8683057	9,204444	7,7761297
0,002967164	0,012798435	2,3238661	down	noncoding	ENST00000547794	5,048957	5,3503046	5,243663	4,2516365	4,620013	6,073557	6,114862	6,2204647	5,80602	6,382305
0,002967164	0,012798435	2,3238661	down	noncoding	ENST00000547794	5,048957	5,3503046	5,243663	4,2516365	4,620013	6,073557	6,114862	6,2204647	5,80602	6,382305
0,010223427	0,029005957	2,5088782	down	noncoding	ENST00000545914	2,3977764	3,8985858	2,415766	2,88405	3,6721413	4,4315066	4,309156	4,271817	4,131302	4,75975
0,010223427	0,029005957	2,5088782	down	noncoding	ENST00000545914	2,3977764	3,8985858	2,415766	2,88405	3,6721413	4,4315066	4,309156	4,271817	4,131302	4,75975
0,000236331	0,002832712	2,0508908	down	noncoding	AK022294	6,958328	6,848311	6,9333425	6,967557	6,666767	7,917772	7,8785515	7,992796	7,7792425	7,987197
0,004252425	0,016168405	6,9491488	down	noncoding	ENST00000453517	2,768563	3,9469793	2,415766	4,3463345	2,642579	6,415207	5,9118643	6,131579	5,7078595	5,9378934
0,004252425	0,016168405	6,9491488	down	noncoding	ENST00000453517	2,768563	3,9469793	2,415766	4,3463345	2,642579	6,415207	5,9118643	6,131579	5,7078595	5,9378934
0,004252425	0,016168405	6,9491488	down	noncoding	ENST00000453517	2,768563	3,9469793	2,415766	4,3463345	2,642579	6,415207	5,9118643	6,131579	5,7078595	5,9378934
0,000164414	0,002335369	10,8997467	down	noncoding	TCONS_00027301	8,172525	8,273447	8,265182	9,659	8,240943	11,80888	11,81737	11,993692	12,1210375	12,101231
0,009652171	0,027866661	2,8224228	down	noncoding	NR_033810	8,9251	9,618778	9,0997715	9,861085	7,741013	10,641336	10,737512	10,521147	10,514207	10,316216
0,009652171	0,027866661	2,8224228	down	noncoding	NR_033810	8,9251	9,618778	9,0997715	9,861085	7,741013	10,641336	10,737512	10,521147	10,514207	10,316216
1,29298E-07	0,000238862	74,2313283	down	noncoding	NR_046259	4,965128	4,4644923	4,786826	4,924524	5,1167493	10,996305	10,921292	11,082705	11,113584	11,213615
0,00024987	0,002918313	9,3205078	down	noncoding	TCONS_00018445	3,2779453	4,4447565	4,114345	4,8269434	3,7529435	7,2276635	7,311853	7,119876	7,395806	7,463778
0,008099216	0,024682117	8,9327984	down	noncoding	TCONS_00020260	9,707491	10,330444	9,787877	12,678865	8,758624	13,317293	13,263619	13,397798	13,54316	13,536992
0,000502086	0,004267006	4,2412856	down	noncoding	NR_047682	6,9773955	7,1503944	6,870284	5,905464	6,776141	8,798807	8,780893	8,863357	8,717769	8,941361
0,000502086	0,004267006	4,2412856	down	noncoding	NR_047682	6,9773955	7,1503944	6,870284	5,905464	6,776141	8,798807	8,780893	8,863357	8,717769	8,941361
0,000502086	0,004267006	4,2412856	down	noncoding	NR_047682	6,9773955	7,1503944	6,870284	5,905464	6,776141	8,798807	8,780893	8,863357	8,717769	8,941361
0,000502086	0,004267006	4,2412856	down	noncoding	NR_047682	6,9773955	7,1503944	6,870284	5,905464	6,776141	8,798807	8,780893	8,863357	8,717769	8,941361
0,000502086	0,004267006	4,2412856	down	noncoding	NR_047682	6,9773955	7,1503944	6,870284	5,905464	6,776141	8,798807	8,780893	8,863357	8,717769	8,941361
0,005550918	0,019243964	2,4509219	down	noncoding	ENST00000458727	4,8156505	5,377108	5,031966	4,2547574	4,488411	5,8022094	6,059322	6,1456165	5,976068	6,4512997
0,013492109	0,035404807	2,3371277	down	noncoding	ENST00000429044	5,8024445	5,784268	5,338399	7,246256	4,917051	6,9544883	6,7000217	6,955196	7,61989	6,9825053
0,001667969	0,008753256	2,036505	down	noncoding	TCONS_00029050	6,1183567	6,161052	5,986063	6,878669	5,5421987	6,982354	7,0595765	7,316872	7,5536227	6,904391
0,005209714	0,018479929	2,1734259	down	noncoding	NR_027471	5,2247505	5,0688796	4,6950455	6,967107	4,4183617	6,3857126	6,0746675	6,172541	7,3809576	5,96012
0,000309369	0,003302611	2,2412044	down	noncoding	CR749501	5,8768063	6,19749	6,0454473	5,633649	5,857199	7,1239123	7,119876	7,337817	6,571352	7,2790055
0,006136175	0,020648116	2,3824942	down	noncoding	ENST00000420199	8,638011	9,062232	8,625469	7,4593296	8,329722	9,616149	9,71166	9,768302	9,508517	9,772499
0,042932811	0,083704736	5,0507018	down	noncoding	ENST00000421594	5,8207135	4,58482	6,0313826	10,46651	6,9459686	8,896358	8,867895	8,853354	9,963865	8,950342

0,042932811	0,083704736	5,0507018	down	noncoding	ENST00000421594	5,8207135	4,58482	6,0313826	10,46651	6,9459686	8,896358	8,867895	8,853354	9,963865	8,950342
0,042932811	0,083704736	5,0507018	down	noncoding	ENST00000421594	5,8207135	4,58482	6,0313826	10,46651	6,9459686	8,896358	8,867895	8,853354	9,963865	8,950342
0,042932811	0,083704736	5,0507018	down	noncoding	ENST00000421594	5,8207135	4,58482	6,0313826	10,46651	6,9459686	8,896358	8,867895	8,853354	9,963865	8,950342
0,042932811	0,083704736	5,0507018	down	noncoding	ENST00000421594	5,8207135	4,58482	6,0313826	10,46651	6,9459686	8,896358	8,867895	8,853354	9,963865	8,950342
0,042932811	0,083704736	5,0507018	down	noncoding	ENST00000421594	5,8207135	4,58482	6,0313826	10,46651	6,9459686	8,896358	8,867895	8,853354	9,963865	8,950342
0,042932811	0,083704736	5,0507018	down	noncoding	ENST00000421594	5,8207135	4,58482	6,0313826	10,46651	6,9459686	8,896358	8,867895	8,853354	9,963865	8,950342
0,000158775	0,002312303	6,1551743	down	noncoding	ENST00000444501	3,0914416	3,0393522	2,9332075	2,3967412	2,642579	5,3441114	5,2145786	5,578397	5,2284007	5,8468323
3,6593E-05	0,001131678	2,4356702	down	noncoding	ENST00000551982	5,5948215	6,04611	5,8104796	6,0396748	5,8431535	7,112446	7,2790055	7,0409727	7,176378	7,1470313
0,000402232	0,003796033	2,3820316	down	noncoding	NR_034098	4,022691	4,5548663	4,617095	6,4447656	4,1350336	5,467751	5,5066977	5,718781	7,625204	5,7169805
0,000402232	0,003796033	2,3820316	down	noncoding	NR_034098	4,022691	4,5548663	4,617095	6,4447656	4,1350336	5,467751	5,5066977	5,718781	7,625204	5,7169805
0,000402232	0,003796033	2,3820316	down	noncoding	NR_034098	4,022691	4,5548663	4,617095	6,4447656	4,1350336	5,467751	5,5066977	5,718781	7,625204	5,7169805
2,70077E-06	0,000438225	3,2695601	down	noncoding	ENST00000456563	7,2485156	7,320761	7,289311	6,9339023	7,2718053	8,897708	8,935966	8,937445	8,757511	9,081148
0,000142556	0,002176851	2,8901973	down	noncoding	ENST00000439058	6,3355546	6,4227037	6,404748	6,1696234	5,9316893	7,7991285	7,737705	7,825798	7,6840334	7,873494
0,0003307	0,003429765	2,8383036	down	noncoding	ENST00000556770	5,77946	6,1944	5,746687	8,003012	5,207604	7,235436	7,43988	7,5168853	9,210528	7,0535784
0,035615494	0,07282255	2,1871216	down	noncoding	ENST00000441013	5,010214	4,5253625	4,906794	6,905401	5,103452	6,372793	6,54413	6,3249927	6,738275	6,1162
0,010511103	0,029594892	2,5953264	down	noncoding	ENST00000576302	8,80274	9,22161	8,683554	12,139286	8,22561	10,577641	10,771565	10,483257	12,319481	9,800436
0,010511103	0,029594892	2,5953264	down	noncoding	ENST00000576302	8,80274	9,22161	8,683554	12,139286	8,22561	10,577641	10,771565	10,483257	12,319481	9,800436
0,010511103	0,029594892	2,5953264	down	noncoding	ENST00000576302	8,80274	9,22161	8,683554	12,139286	8,22561	10,577641	10,771565	10,483257	12,319481	9,800436
0,000532691	0,004394064	2,5179979	down	noncoding	uc002nbr.3	5,3098235	5,4715676	5,235034	6,259898	4,523381	6,347213	6,4717665	6,671072	7,868532	6,102506
0,018375881	0,044601271	2,6354194	down	noncoding	ENST00000483023	4,1330414	4,4768705	4,1936936	7,4466767	2,642579	5,782933	5,676453	5,737727	7,627057	5,058854
0,000451128	0,003999537	3,1810578	down	noncoding	ENST00000512851	9,189931	9,3726	9,291773	8,435947	9,053606	10,687096	10,63137	10,841003	10,59406	10,937861
0,010853515	0,030270637	9,2160193	down	noncoding	ENST00000520268	5,7540283	6,64835	5,940974	5,759518	2,642579	8,602621	8,685825	8,685086	8,153011	8,639625
0,01059527	0,029735568	2,2489281	down	noncoding	NR_027083	5,47857	6,0142155	5,8479905	4,4862957	5,1260014	6,464587	6,4578295	6,754225	6,3358994	6,78672
0,01059527	0,029735568	2,2489281	down	noncoding	NR_027083	5,47857	6,0142155	5,8479905	4,4862957	5,1260014	6,464587	6,4578295	6,754225	6,3358994	6,78672
0,000138065	0,002150448	8,3958369	down	noncoding	ENST00000581905	2,8363805	3,3603907	2,9090703	2,3967412	2,642579	5,529849	5,8236194	6,083017	5,825783	6,231264
0,000503802	0,004270764	13,4370744	down	noncoding	ENST00000566457	6,77772	7,4114823	6,8493776	7,5061073	5,7730565	10,431213	10,2565365	10,710361	10,852089	10,80828
0,018223937	0,044312531	2,4929931	down	noncoding	ENST00000450746	5,400888	5,7896466	5,7184443	6,375993	5,2854757	7,318194	7,4141483	7,1974177	6,3576	6,872482
0,039458323	0,078655861	2,2962616	down	noncoding	ENST00000563811	4,8607864	5,4368696	4,753566	7,1177325	2,642579	5,8587956	5,7975698	5,6893	8,100581	5,361722
0,000791902	0,005557662	3,4379611	down	noncoding	ENST00000472297	7,3093233	6,652405	6,691896	5,950284	6,824327	8,431978	8,3905115	8,429334	8,249354	8,834824
0,025884014	0,0573609	2,1001913	down	noncoding	ENST00000573315	4,321802	5,142073	3,809483	2,3967412	2,642579	4,918786	5,2945633	5,0121603	4,2386165	4,2011557
0,002803224	0,012343032	5,8981124	down	noncoding	ENST00000418393	4,35139	4,4474635	4,231582	2,3967412	2,642579	6,0617046	6,426446	6,3978477	5,5770226	6,4080014
0,002803224	0,012343032	5,8981124	down	noncoding	ENST00000418393	4,35139	4,4474635	4,231582	2,3967412	2,642579	6,0617046	6,426446	6,3978477	5,5770226	6,4080014
0,022850796	0,052413766	2,8376552	down	noncoding	TCONS_00004878	4,22225	4,314114	3,8086503	4,931465	2,642579	5,4729643	5,4275513	5,644253	5,3430586	5,5547276
0,013575782	0,035567539	3,3889587	down	noncoding	ENST00000433918	2,3977764	3,8532395	2,415766	3,3587127	2,642579	5,456554	4,4735913	4,583288	4,5315065	4,427344
4,15713E-07	0,000248592	3,6499983	down	noncoding	uc004cos.4	14,825669	14,731857	14,782039	14,750358	14,913074	16,607653	16,59477	16,754139	16,607653	16,778261
0,011438519	0,031328738	2,9572947	down	noncoding	TCONS_00013857	3,3815923	3,4035234	2,8737373	5,96001	2,642579	4,9064927	5,33461	5,157747	6,196515	4,4874673
0,008672088	0,025860532	5,3948778	down	noncoding	TCONS_00015107	3,8381615	4,2792487	3,1349182	2,3967412	2,642579	5,293279	5,252384	6,6143327	5,5264883	5,763116
0,000331519	0,003435847	2,0845682	down	noncoding	ENST00000542489	7,748459	7,7859435	7,7341228	7,863402	7,7497005	8,865599	8,804924	8,974914	8,585648	8,9492855
0,009497907	0,027522726	2,1062434	down	noncoding	ENST00000548268	6,3570447	6,6453643	6,510347	6,987639	7,4712634	7,728256	7,8000593	7,738735	8,429334	7,648635
2,42033E-07	0,000248592	5,0016906	down	noncoding	TCONS_00005259	5,6450906	5,5581093	5,6815953	5,5392704	5,959467	7,9045367	7,916653	8,115818	7,806968	8,251636
0,00180487	0,009185343	3,4532461	down	noncoding	TCONS_00024499	6,9821343	6,7735305	6,9681244	9,95992	7,386202	8,983069	8,969098	9,089258	10,824191	9,144061
8,93447E-05	0,001688524	2,1554673	down	noncoding	ENST00000584248	8,7638235	8,906964	8,734686	8,388177	8,758867	9,785524	9,801384	9,881004	9,687129	9,93748
0,004500551	0,016775195	3,6449226	down	noncoding	ENST00000504773	4,199877	3,9782481	2,885886	5,0650754	2,642579	5,5044928	5,3728504	5,387394	6,3955417	5,4408274
0,004500551	0,016775195	3,6449226	down	noncoding	ENST00000504773	4,199877	3,9782481	2,885886	5,0650754	2,642579	5,5044928	5,3728504	5,387394	6,3955417	5,4408274
0,002085433	0,010158409	7,2454172	down	noncoding	ENST00000492731	3,6631634	4,5954685	4,1236	5,679312	4,0745955	7,2988114	7,499169	7,296587	6,9949813	7,3319345
0,000210156	0,002661437	2,6052272	down	noncoding	AA601302	4,183118	4,2554536	4,527833	6,203496	4,2050333	5,226972	5,628957	6,21894	7,7024274	5,5046835
0,026573156	0,058467272	2,5569645	down	noncoding	uc011btt.2	3,8326626	3,5205283	3,6307547	5,679618	2,642579	4,6723733	4,9128356	5,4229293	5,899777	5,170388
0,000177866	0,0024278	5,9196301	down	noncoding	TCONS_00020970	3,9430082	4,1330414	3,8575816	4,2814293	3,831398	6,783468	6,676902	6,540135	6,127158	6,7463307
0,000750179	0,005382101	2,2017328	down	noncoding	ENST00000453714	4,9476185	5,5929723	4,9045677	7,8789835	4,5161557	6,451795	6,374896	6,109883	8,851473	5,7454476
0,006169667	0,020692469	5,8591354	down	noncoding	ENST00000566325	5,6352396	6,152446	5,6120505	4,0119667	4,1153293	7,4937305	7,505212	7,7976036	7,4945035	7,9894214
0,00015734	0,002305197	23,2041744	down	noncoding	TCONS_00012632	3,1080732	4,262998	3,0766912	2,971446	2,642579	7,847565	7,5934267	7,887822	7,4791226	7,9354134
0,000149358	0,002231118	2,0557085	down	noncoding	TCONS_00025565	9,289405	8,7110405	8,956229	9,150317	9,466755	10,207151	9,938266	9,849224	10,362423	10,414861
0,023462128	0,0534143	4,747907	down	noncoding	ENST00000515608	8,522664	7,5190306	8,578899	11,771359	9,825751	11,660043	11,508783	11,019569	12,399753	10,866014
9,24105E-05	0,001711446	2,6196828	down	noncoding	NR_036610	7,7150593	7,452407	7,57051	7,286016	7,978992	8,839248	8,872093	9,132769	8,865279	9,240556
0,002148794	0,010371334	2,2669186	down	noncoding	ENST00000565782	6,0533895	6,106671	5,8765097	5,366794	5,7036424	6,902098	6,8747997	7,061706	6,9831057	7,18896
7,07863E-05	0,001525	4,575257	down	noncoding	ENST00000568553	8,809718	9,0538435	8,82119	8,502719	8,48116	10,8919115	10,881834	10,950471	10,831545	11,082133
0,001303162	0,007543043	2,1607043	down	noncoding	ENST00000429980	4,018992	4,4287167	4,1121583	4,7830067	4,0944405	5,374074	5,341293	5,57164	5,491057	5,2167583
0,034665617	0,071393973	3,5406382	down	noncoding	ENST00000548419	2,8042963	3,7618213	3,165251	4,8329577	2,642579	6,389731	5,072643	4,9486265	4,906725	5,009227
0,002239492	0,010645688	2,377398	down	noncoding	uc003bcm.3	6,301324	6,794192	6,231973	5,356746	5,5983305	7,3033	7,554665	7,40229	6,961299	7,3079286
0,0076735	0,023755059	4,7418178	down	noncoding	ENST00000419400	6,96067	7,5539994	7,160393	7,057517	6,17421	10,245552	10,59061	9,312125	7,7766676	8,209036
0,000428428	0,003913315	10,5341774	down	noncoding	uc001uzl.3	4,3700066	4,5578923	4,346201	5,4097366	3,7133617	7,818816	7,699071	7,960874	7,827545	8,075921
0,002275654	0,010779618	2,0924885	down	noncoding	ENST00000523342	3,8580115	3,5707865	4,0957255	4,6188946	3,9327407	5,0074615	4,9623337	5,2361174	5,098263	5,0980816
0,000221521	0,002739634	2,797029	down	noncoding	ENST00000566747	8,134658	8,042528	8,219272	8,596096	8,408243	9,691878	9,720181	9,9612055	9,703998	9,7430105
4,07304E-05	0,001194354	2,6230117	down	noncoding	NR_024170	7,4732866	7,7834396	7,459895	7,8753066	7,555196	9,021782	8,923351	8,945423	9,216626	8,996063
4,07304E-05	0,001194354	2,6230117	down	noncoding	NR_024170	7,4732866	7,7834396	7,459895	7,8753066	7,555196	9,021782	8,923351	8,945423	9,216626	8,996063
0,005723491	0,019675978	6,6408274	down	noncoding	ENST00000455232	4,608861	5,722727	4,594485	4,9482193	2,642579	7,382901	7,3072624	7,4720197	6,8672166	7,1442866
3,54644E-07	0,000248592	65,4006668	down	noncoding	NR_046258	5,013923	4,479023	5,0443177	4,8445396	5,1380625	10,838169	10,759201	10,943919	11,080066	11,054678
0,035564393	0,072728126	2,5744008	down	noncoding	TCONS_00015989	6,3580666	6,3073053	5,8666654	8,356678	5,7344337	8,224827	7,9984326	7,629614	7,9767995	7,6146593
0,000664405	0,004996662	2,6266592	down	noncoding	ENST00000421619	4,5203404	4,9020305	4,5585394	3,3187513	4,2594995	5,875533	6,022599	5,7972617	5,272806	5,5571065
0,001618085	0,008585295	3,4652656	down	noncoding	NR_033999	5,6372523	5,669489	5,502088	5,9483347	4,8976607	7,450223	7,323489	7,4181333	7,003767	7,424042
0,001618085	0,008585295	3,4652656	down	noncoding	NR_033999	5,6372523	5,669489	5,502088	5,9483347	4,8976607	7,450223	7,323489	7,4181333	7,003767	7,424042
0,001618085	0,008585295	3,4652656	down	noncoding	NR_033999	5,6372523	5,669489	5,502088	5,9483347	4,8976607	7,450223	7,323489	7,4181333	7,003767	7,424042

0,001618085	0,008585295	3,4652656	down	noncoding	NR_033999	5,6372523	5,669489	5,502088	5,9483347	4,8976607	7,450223	7,323489	7,4181333	7,003767	7,424042
0,012062595	0,032591059	2,7646886	down	noncoding	ENST00000559825	4,0979805	3,7364202	3,288745	6,5206723	2,642579	4,6778326	5,1776648	5,1363926	7,482705	5,147387
0,012062595	0,032591059	2,7646886	down	noncoding	ENST00000559825	4,0979805	3,7364202	3,288745	6,5206723	2,642579	4,6778326	5,1776648	5,1363926	7,482705	5,147387
0,034403657	0,070943441	10,4593179	down	noncoding	ENST00000436328	3,190268	3,7083302	2,415766	3,3069744	2,642579	8,433751	8,835358	7,33091	3,3818429	4,21564
0,034403657	0,070943441	10,4593179	down	noncoding	ENST00000436328	3,190268	3,7083302	2,415766	3,3069744	2,642579	8,433751	8,835358	7,33091	3,3818429	4,21564
0,012689101	0,033822405	2,0487382	down	noncoding	ENST00000554441	4,451598	4,6991296	3,9961276	5,5081997	3,887743	5,649154	5,491143	5,4800124	5,723834	5,3723326
0,000609136	0,004753124	11,7513155	down	noncoding	ENST00000470091	3,0071685	4,5916867	3,71615	2,3967412	2,642579	6,613205	6,9213333	7,002452	6,5750523	7,0160346
0,000304719	0,003277611	2,3147447	down	noncoding	ENST00000457439	5,7603464	5,83255	5,8533916	5,4455953	6,3714905	6,9025025	7,0692387	7,2627215	6,858961	7,2242155
0,001824158	0,009254801	2,2283921	down	noncoding	uc002pec.3	4,256535	4,088821	4,0985827	3,5759475	4,373671	4,863653	5,3674536	5,284729	5,152454	5,505283
0,016696835	0,041605552	2,3053598	down	noncoding	NR_024431	3,8882427	3,6663504	3,9603932	3,864375	2,642579	4,9389215	4,741439	5,0506234	4,3415766	4,9743395
0,003907682	0,015258027	2,6928992	down	noncoding	TCONS_00016844	5,7748017	6,5152917	6,056828	4,8600426	5,177927	7,0709844	7,210162	7,312247	6,7396135	7,1976852
0,000589956	0,004665039	4,3219154	down	noncoding	NR_038226	3,9228175	3,5052998	3,33186	2,9771826	4,160515	6,611146	5,7103367	5,7476707	4,5459356	5,84094
0,009990859	0,028576527	2,5741641	down	noncoding	ENST00000540865	8,441312	8,962579	8,484048	7,525666	8,080945	9,48719	9,466755	9,77197	9,763404	9,825751
0,009990859	0,028576527	2,5741641	down	noncoding	ENST00000540865	8,441312	8,962579	8,484048	7,525666	8,080945	9,48719	9,466755	9,77197	9,763404	9,825751
0,009990859	0,028576527	2,5741641	down	noncoding	ENST00000540865	8,441312	8,962579	8,484048	7,525666	8,080945	9,48719	9,466755	9,77197	9,763404	9,825751
0,001063866	0,006666984	2,1454689	down	noncoding	uc009xtd.2	3,1852546	4,0116835	4,030829	3,7419071	3,8243864	4,464962	4,656023	5,031966	5,1207967	5,0267777
5,61907E-05	0,001402245	3,6042211	down	noncoding	ENST00000504249	3,6554313	4,280678	3,852883	5,188452	4,234047	5,7920113	6,0456047	5,8395195	6,7172303	6,065563
5,61907E-05	0,001402245	3,6042211	down	noncoding	ENST00000504249	3,6554313	4,280678	3,852883	5,188452	4,234047	5,7920113	6,0456047	5,8395195	6,7172303	6,065563
0,018727166	0,04527065	2,6248702	down	noncoding	TCONS_00013750	3,5517263	3,9514241	2,9847538	5,709736	2,642579	5,410453	4,394087	4,951792	6,282078	4,7630396
0,010891798	0,030337011	2,675331	down	noncoding	ENST00000442500	3,1672115	2,5945125	2,415766	4,030829	2,642579	5,3935466	4,2827797	3,9515908	4,32941	3,992158
0,015947619	0,040261337	3,4330617	down	noncoding	ENST00000562920	4,973227	5,0231514	4,817842	4,030989	2,642579	6,4405866	5,8403554	6,2423573	5,77244	6,089528
0,018423709	0,044680669	3,2575581	down	noncoding	HMlincRNA795-	2,3977764	2,3729734	2,415766	4,9423184	2,642579	4,7085752	4,95496	4,353879	4,9927225	4,280231
0,02036061	0,048199497	2,0233724	down	noncoding	ENST00000550468	4,616682	3,9084969	4,421552	6,71761	4,4412775	5,809738	5,7560883	5,511463	6,8952546	5,2168837
0,049612177	0,093403614	2,1522898	down	noncoding	TCONS_00020070	4,028485	3,6042237	3,0945976	4,6370764	3,80317	4,9703326	5,1654873	5,1276336	4,321501	5,11196
0,004550036	0,01686606	2,7009422	down	noncoding	ENST00000450704	7,9359884	8,568195	7,925817	6,8377547	7,02983	9,195292	9,243642	9,1888275	8,781771	9,0553665
0,000526662	0,004367864	5,2416577	down	noncoding	ENST00000523627	3,1236715	2,3729734	3,2831364	3,443476	2,642579	5,423098	5,339962	5,360194	5,1764083	5,5162897
0,000526662	0,004367864	5,2416577	down	noncoding	ENST00000523627	3,1236715	2,3729734	3,2831364	3,443476	2,642579	5,423098	5,339962	5,360194	5,1764083	5,5162897
0,000526662	0,004367864	5,2416577	down	noncoding	ENST00000523627	3,1236715	2,3729734	3,2831364	3,443476	2,642579	5,423098	5,339962	5,360194	5,1764083	5,5162897
0,000526662	0,004367864	5,2416577	down	noncoding	ENST00000523627	3,1236715	2,3729734	3,2831364	3,443476	2,642579	5,423098	5,339962	5,360194	5,1764083	5,5162897
0,007140998	0,022654855	3,6586462	down	noncoding	uc004aus.1	3,4730842	3,4863508	4,051141	4,370473	2,642579	6,0282755	5,505283	5,6157837	4,9779563	5,252879
6,15084E-06	0,000576911	13,7291957	down	noncoding	ENST00000514282	2,3977764	2,3729734	2,415766	2,3967412	2,642579	6,258622	6,0115266	6,5796967	5,8360467	6,43582
2,78933E-06	0,000438225	104,2409452	down	noncoding	ENST00000413041	4,2448125	3,7377017	3,3989215	4,343506	4,114345	10,672088	10,591246	10,676044	10,615541	10,803259
0,000203319	0,002609052	5,0105846	down	noncoding	ENST00000332088	4,386972	4,6386843	3,876505	4,281863	3,7288013	6,6133127	6,472791	6,518854	6,387012	6,5457506
0,031310991	0,066144244	7,8787139	down	noncoding	ENST00000569313	3,045196	3,2425826	2,415766	7,8164983	2,642579	6,5677176	6,7108135	6,8188014	7,2006035	6,7544866
0,031310991	0,066144244	7,8787139	down	noncoding	ENST00000569313	3,045196	3,2425826	2,415766	7,8164983	2,642579	6,5677176	6,7108135	6,8188014	7,2006035	6,7544866
0,006301605	0,020951951	3,1928142	down	noncoding	TCONS_00019217	4,0178757	4,2178946	3,4296684	3,052551	2,642579	4,7863927	5,287878	5,434047	5,172807	5,053587
0,006481276	0,021285951	5,297949	down	noncoding	TCONS_00016514	8,123592	8,96776	8,253306	7,8679495	6,4057407	10,438081	10,455889	10,515819	9,679765	10,555964
0,041380682	0,081650881	7,991923	down	noncoding	ENST00000568419	7,50352	8,337509	7,5980563	5,9419193	2,642579	9,351477	9,402877	9,607174	9,226281	9,428488
0,041380682	0,081650881	7,991923	down	noncoding	ENST00000568419	7,50352	8,337509	7,5980563	5,9419193	2,642579	9,351477	9,402877	9,607174	9,226281	9,428488
0,000834116	0,005712417	2,3484071	down	noncoding	uc002shv.1	5,3085666	5,1621394	4,8670807	5,541546	4,533412	6,6394386	6,179552	6,228998	6,378675	6,1444936
0,000517922	0,004334298	35,2529572	down	noncoding	uc001tdk.2	4,567435	5,2862535	4,994816	4,5084896	2,642579	9,478008	9,415302	9,570486	9,538483	9,695656
0,00037926	0,003687376	7,0348932	down	noncoding	TCONS_00010076	2,3977764	3,397129	2,415766	3,2470667	2,642579	5,347481	5,5561557	5,8519945	5,5343475	5,882981
0,008665221	0,025846605	2,3191639	down	noncoding	ENST00000494367	7,712666	7,7132716	7,7419977	6,49893	7,7617273	8,5405035	8,349955	8,743235	8,477278	9,385645
0,001224916	0,007270685	2,0942898	down	noncoding	ENST00000422972	4,690547	4,817953	4,7521834	3,57387	5,01759	6,0523725	5,5868726	5,9070992	4,874577	5,7635274
0,020589889	0,048639468	3,6853266	down	noncoding	ENST00000419104	4,332924	5,088303	4,482243	3,353703	2,642579	5,513266	5,7476707	5,9056916	6,201112	5,940974
0,00037866	0,003685343	4,9750467	down	noncoding	NR_033853	5,112469	5,7240124	5,0980816	4,936949	4,653651	7,3448534	7,353061	7,5447235	7,2715344	7,584541
0,00037866	0,003685343	4,9750467	down	noncoding	NR_033853	5,112469	5,7240124	5,0980816	4,936949	4,653651	7,3448534	7,353061	7,5447235	7,2715344	7,584541
0,00037866	0,003685343	4,9750467	down	noncoding	NR_033853	5,112469	5,7240124	5,0980816	4,936949	4,653651	7,3448534	7,353061	7,5447235	7,2715344	7,584541
0,007785102	0,023972254	2,5941281	down	noncoding	ENST00000421829	4,81034	4,930946	4,347824	4,023262	4,28316	5,2895904	5,9866705	5,9025187	6,107104	5,985897
0,032812821	0,068523482	2,7541271	down	noncoding	ENST00000420143	4,8836336	5,4354906	4,7634926	6,6285024	2,642579	5,916484	5,864252	5,950284	8,142363	5,788291
0,019805475	0,047164858	2,0020086	down	noncoding	ENST00000443163	4,6699405	4,975271	4,867267	6,478	4,4611	6,5671406	5,812934	5,74813	6,732462	5,5981526
0,008088427	0,024672624	4,7928221	down	noncoding	ENST00000435867	3,477463	2,3729734	3,7424989	4,808982	5,459699	5,9989333	6,0013647	6,4424257	6,0801435	6,643126
0,007090551	0,022564869	3,2722991	down	noncoding	ENST00000437515	2,8163085	3,503965	2,415766	6,5373654	2,642579	4,8954835	5,047853	4,8465233	7,0246162	4,653031
0,010032548	0,028651406	2,8414634	down	noncoding	ENST00000545308	6,086004	6,58886	5,9561806	4,5744634	5,2179327	7,139303	7,1939754	7,3494887	6,6794605	7,5943837
0,010032548	0,028651406	2,8414634	down	noncoding	ENST00000545308	6,086004	6,58886	5,9561806	4,5744634	5,2179327	7,139303	7,1939754	7,3494887	6,6794605	7,5943837
0,010032548	0,028651406	2,8414634	down	noncoding	ENST00000545308	6,086004	6,58886	5,9561806	4,5744634	5,2179327	7,139303	7,1939754	7,3494887	6,6794605	7,5943837
0,002455791	0,011349011	4,289215	down	noncoding	ENST00000432988	4,222926	5,451501	4,997214	5,369882	4,4353175	7,057981	6,8830247	7,087721	6,762934	7,188748
0,010090285	0,028735165	6,2838453	down	noncoding	ENST00000568525	7,827301	8,617231	7,943096	7,0313077	5,19995	9,962346	10,030163	10,040476	9,864902	9,979237
0,010090285	0,028735165	6,2838453	down	noncoding	ENST00000568525	7,827301	8,617231	7,943096	7,0313077	5,19995	9,962346	10,030163	10,040476	9,864902	9,979237
0,04163984	0,081954348	4,6214332	down	noncoding	ENST00000417305	2,3977764	2,3729734	3,5066972	5,798805	4,520985	5,612352	6,5331097	5,854312	5,589688	6,049477
0,04163984	0,081954348	4,6214332	down	noncoding	ENST00000417305	2,3977764	2,3729734	3,5066972	5,798805	4,520985	5,612352	6,5331097	5,854312	5,589688	6,049477
0,04163984	0,081954348	4,6214332	down	noncoding	ENST00000417305	2,3977764	2,3729734	3,5066972	5,798805	4,520985	5,612352	6,5331097	5,854312	5,589688	6,049477
0,035288331	0,072343771	2,2693313	down	noncoding	ENST00000539808	4,0351334	4,9713693	4,7154336	2,95081	2,642579	4,763412	5,377707	5,3702035	4,673909	5,04143
0,022862372	0,052415751	3,0180081	down	noncoding	TCONS_00018142	2,3977764	4,2490783	2,415766	5,9876575	2,642579	4,0178757	6,217827	5,0451074	5,945225	4,4348054
0,014830695	0,03801298	3,5625494	down	noncoding	AA584758	2,3977764	4,286984	3,5808308	3,8391433	2,642579	5,7190485	4,8961897	5,080516	5,416988	4,7991214
0,030350998	0,06454992	4,0509475	down	noncoding	uc003ifn.3	9,26692	10,263216	9,39775	9,577035	6,623582	11,06918	11,073811	11,101585	10,975399	10,999825
0,00015523	0,002287284	3,1967129	down	noncoding	ENST00000537068	11,449295	11,720194	11,456864	11,085297	11,163597	12,997562	13,006129	13,161713	12,989897	13,102892
0,00015523	0,002287284	3,1967129	down	noncoding	ENST00000537068	11,449295	11,720194	11,456864	11,085297	11,163597	12,997562	13,006129	13,161713	12,989897	13,102892
0,00015523	0,002287284	3,1967129	down	noncoding	ENST00000537068	11,449295	11,720194	11,456864	11,085297	11,163597	12,997562	13,006129	13,161713	12,989897	13,102892
0,005827769	0,019908223	2,2171754	down	noncoding	ENST00000531315	6,496074	6,795901	6,3607073	6,023773	7,382584	7,9167643	7,741335	7,936091	7,42331	7,7851534
0,00384641	0,015130716	2,7471084	down	noncoding	uc002ije.3	7,643877	8,17339	7,856374	6,8594127	6,982951	8,958735	8,988126	8,981416	8,833936	9,043361
0,015392227	0,039182921	2,4776539	down	noncoding	TCONS_00011107	4,191645	3,8424966	4,163803	3,251955	2,642579	4,791468	5,0123944	5,0442014	4,6695085	5,1197796

0,001529448	0,00829301	2,2856427	down	noncoding	ENST00000562555	4,94317	4,900625	5,059145	4,1768827	4,711347	6,025185	5,8011603	5,935734	5,838246	6,153844
0,001461764	0,008091385	3,6623733	down	noncoding	ENST00000463561	5,1051364	5,4611025	4,814796	4,7739706	4,16475	6,620664	6,7195168	6,83508	6,6791286	6,8292603
0,001461764	0,008091385	3,6623733	down	noncoding	ENST00000463561	5,1051364	5,4611025	4,814796	4,7739706	4,16475	6,620664	6,7195168	6,83508	6,6791286	6,8292603
0,001461764	0,008091385	3,6623733	down	noncoding	ENST00000463561	5,1051364	5,4611025	4,814796	4,7739706	4,16475	6,620664	6,7195168	6,83508	6,6791286	6,8292603
0,001461764	0,008091385	3,6623733	down	noncoding	ENST00000463561	5,1051364	5,4611025	4,814796	4,7739706	4,16475	6,620664	6,7195168	6,83508	6,6791286	6,8292603
0,001461764	0,008091385	3,6623733	down	noncoding	ENST00000463561	5,1051364	5,4611025	4,814796	4,7739706	4,16475	6,620664	6,7195168	6,83508	6,6791286	6,8292603
0,022194011	0,051339066	3,2345603	down	noncoding	ENST00000568107	9,04718	9,741693	9,128447	7,587231	7,443367	10,281929	10,237478	10,306218	10,158928	10,431213
0,036188469	0,073722148	2,4570898	down	noncoding	ENST00000553559	10,179353	10,127497	10,225507	10,840301	10,300894	11,833269	11,826244	11,977186	10,465925	12,055681
0,000598277	0,004705662	2,991801	down	noncoding	ENST00000436706	4,8872037	4,9451447	4,4041643	4,1019025	4,323192	6,1727595	6,058476	6,213111	5,8634987	6,258833
0,009704156	0,027983947	2,3773693	down	noncoding	NR_038883	6,0409775	6,730464	6,248314	5,0795574	5,357037	7,228933	7,1535616	7,23793	7,035302	7,0474534
0,006426899	0,021198882	2,3426254	down	noncoding	uc003qes.1	3,797103	4,770582	4,06322	3,755516	2,642579	5,5983305	5,9989333	4,8930106	4,3463345	4,3330226
4,42781E-05	0,001213344	2,2925457	down	noncoding	ENST00000442010	6,208557	6,1150146	6,2271214	6,146139	6,52826	7,3613815	7,416155	7,460313	7,467849	7,504146
0,007390112	0,023183713	2,0489871	down	noncoding	TCONS_00003822	5,2469974	5,3432198	4,9516983	6,985696	3,8404286	6,2146673	6,287551	5,8947463	7,5137873	5,6318426
0,003494424	0,014250577	2,1062457	down	noncoding	ENST00000520457	4,966797	5,293816	5,0322604	7,382584	5,366552	6,304102	6,4970984	6,53567	8,060692	6,0178156
4,14326E-05	0,001197843	2,3560932	down	noncoding	ENST00000508913	8,974914	8,787284	8,872832	8,917126	9,161927	10,234333	10,139241	10,070072	10,278009	10,174411
0,036537522	0,074235363	2,6868538	down	noncoding	NR_026914	8,073058	8,609567	8,213786	11,350095	7,6679144	10,2191515	10,401156	10,045054	10,951624	9,427024
4,41691E-05	0,001213344	2,4244792	down	noncoding	ENST00000440578	5,3401937	5,4664187	5,184033	5,542006	5,0373235	6,640924	6,688182	6,6425157	6,6006227	6,386105
0,000938864	0,006163911	2,8064666	down	noncoding	TCONS_00010707	4,722432	4,608974	4,635993	4,502152	4,701812	5,843646	5,9034405	6,7570724	5,9144635	6,196515
0,017599002	0,043229235	2,8057436	down	noncoding	ENST00000431103	4,8805685	5,053732	5,009101	7,3414807	4,8267093	6,7908864	6,9403234	6,7729373	7,3058276	6,7435327
0,017599002	0,043229235	2,8057436	down	noncoding	ENST00000431103	4,8805685	5,053732	5,009101	7,3414807	4,8267093	6,7908864	6,9403234	6,7729373	7,3058276	6,7435327
0,017599002	0,043229235	2,8057436	down	noncoding	ENST00000431103	4,8805685	5,053732	5,009101	7,3414807	4,8267093	6,7908864	6,9403234	6,7729373	7,3058276	6,7435327
0,000109794	0,001882415	8,5112687	down	noncoding	ENST00000435565	2,9768515	2,611032	2,415766	2,3967412	2,642579	5,5637145	5,225534	5,799225	5,7044845	6,1968827
0,00054177	0,004443295	2,1570829	down	noncoding	HMlincRNA1314+	5,420024	5,6439347	5,2716126	7,542126	4,683224	6,6664906	6,441287	6,2065377	8,694517	6,097497
0,041684747	0,081982994	4,1001753	down	noncoding	TCONS_00019593	5,527683	5,485598	5,6879654	8,789939	5,7668324	8,849939	8,846924	7,9546824	8,411102	7,3737984
0,028652177	0,061700499	5,0370779	down	noncoding	ENST00000435552	5,465859	5,5606923	5,475773	7,677534	5,041572	9,168112	9,430322	8,1075115	8,055094	6,123326
0,010403501	0,029387105	26,9035264	down	noncoding	ENST00000578693	9,8632965	10,809669	10,135496	7,1402946	5,747265	13,503545	13,271739	13,49855	13,295064	13,87574
0,01236911	0,03322027	2,2475754	down	noncoding	uc003vla.3	7,619708	8,085741	7,6548905	6,5921164	6,9265614	8,502436	8,550036	8,546121	8,415606	8,706666
0,000402089	0,003796033	30,1412788	down	noncoding	TCONS_00022758	2,3977764	2,3729734	2,415766	4,0171075	2,642579	7,7312546	7,606916	7,939231	7,137376	7,9997683
0,018532846	0,044871712	3,708634	down	noncoding	TCONS_00020934	2,6684008	3,3964946	2,415766	6,3953905	2,642579	4,9823647	5,11743	5,585464	6,559944	4,7278676
0,031358144	0,066196933	3,2871622	down	noncoding	ENST00000583224	3,429301	3,912954	2,7792697	6,332886	2,642579	5,406047	5,3251724	5,5660796	6,168095	5,215809
0,006480177	0,021285951	2,7052303	down	noncoding	ENST00000567401	6,652405	7,1891327	6,5857463	5,4124074	5,555268	7,789553	7,830689	7,8691273	7,4422946	7,6420527
0,025639976	0,056948182	2,15991	down	noncoding	ENST00000449955	5,9648	6,137567	5,956367	7,341868	5,0211844	7,1359777	7,185876	7,138292	7,4091263	7,1073704
0,000158266	0,002312303	2,8460271	down	noncoding	NR_028105	7,213216	7,4189186	7,1766896	6,5614853	7,2017784	8,576496	8,597736	8,733846	8,367903	8,840854
0,009094672	0,02670866	2,6770619	down	noncoding	uc001kkg.1	5,3461466	6,015688	5,4048047	4,7314277	4,8715906	6,5823083	6,4161525	6,855442	6,6025653	7,016442
3,08664E-06	0,000438225	2,6257159	down	noncoding	NR_028436	8,690237	8,761056	8,710202	8,642926	8,730454	10,08708	10,048985	10,10717	10,005633	10,249561
3,08664E-06	0,000438225	2,6257159	down	noncoding	NR_028436	8,690237	8,761056	8,710202	8,642926	8,730454	10,08708	10,048985	10,10717	10,005633	10,249561
0,000495343	0,004226136	3,8124875	down	noncoding	ENST00000538266	9,568387	9,861805	9,552785	8,866297	9,288312	11,249138	11,279064	11,448286	11,357897	11,456864
0,000495343	0,004226136	3,8124875	down	noncoding	ENST00000538266	9,568387	9,861805	9,552785	8,866297	9,288312	11,249138	11,279064	11,448286	11,357897	11,456864
0,000495343	0,004226136	3,8124875	down	noncoding	ENST00000538266	9,568387	9,861805	9,552785	8,866297	9,288312	11,249138	11,279064	11,448286	11,357897	11,456864
7,19227E-06	0,000603946	3,7215848	down	noncoding	ENST00000506719	8,130786	8,089798	8,124484	8,162888	8,361838	10,080618	10,110762	10,139658	9,8799925	10,138349
0,000258884	0,002974451	2,4462258	down	noncoding	ENST00000448015	5,665967	6,2406034	5,964299	7,8762884	5,510449	7,2724457	7,3621225	7,300901	8,877268	6,8976574
0,000258884	0,002974451	2,4462258	down	noncoding	ENST00000448015	5,665967	6,2406034	5,964299	7,8762884	5,510449	7,2724457	7,3621225	7,300901	8,877268	6,8976574
0,000258884	0,002974451	2,4462258	down	noncoding	ENST00000448015	5,665967	6,2406034	5,964299	7,8762884	5,510449	7,2724457	7,3621225	7,300901	8,877268	6,8976574
0,003687807	0,01475023	2,2993902	down	noncoding	ENST00000564432	5,3813543	5,7095513	5,505689	6,329028	5,824232	7,148851	6,944356	6,970805	7,0113955	6,6807036
0,009806161	0,028195574	3,8336052	down	noncoding	ENST00000418621	4,731891	3,3837512	3,5535855	3,1243696	2,642579	5,1244206	5,5964313	5,380351	5,5677023	5,46078
0,009806161	0,028195574	3,8336052	down	noncoding	ENST00000418621	4,731891	3,3837512	3,5535855	3,1243696	2,642579	5,1244206	5,5964313	5,380351	5,5677023	5,46078
0,001087706	0,006754287	3,1102907	down	noncoding	ENST00000446595	4,817315	5,5767016	5,2405043	4,9140697	4,1984363	6,6575894	6,851964	6,580599	6,336537	6,5055847
0,042353342	0,082927932	2,6834383	down	noncoding	ENST00000562245	4,51398	5,5685964	5,0107193	5,283208	2,642579	6,18468	6,1399655	6,021598	5,9497304	5,8435225
0,000392471	0,003762972	2,018437	down	noncoding	ENST00000425370	6,3620176	6,495021	6,3945656	9,035675	6,3552237	7,520873	7,615155	7,5431256	9,70582	7,323722
0,000392471	0,003762972	2,018437	down	noncoding	ENST00000425370	6,3620176	6,495021	6,3945656	9,035675	6,3552237	7,520873	7,615155	7,5431256	9,70582	7,323722
0,000392471	0,003762972	2,018437	down	noncoding	ENST00000425370	6,3620176	6,495021	6,3945656	9,035675	6,3552237	7,520873	7,615155	7,5431256	9,70582	7,323722
0,00616966	0,020692469	8,1871961	down	noncoding	ENST00000569096	2,3977764	3,397634	2,415766	7,638963	2,642579	6,2618356	6,4765725	6,352551	8,457947	6,1106596
0,001975841	0,009802266	2,8449938	down	noncoding	TCONS_00008434	5,8230824	6,3503547	5,7601814	5,173708	5,4953003	7,2840323	7,067253	7,6114144	6,8619666	7,320088
0,00399369	0,015511892	3,654548	down	noncoding	ENST00000416952	10,300561	10,570166	10,39599	10,434198	9,910382	12,448286	12,431632	12,459713	11,13665	12,483481
0,00399369	0,015511892	3,654548	down	noncoding	ENST00000416952	10,300561	10,570166	10,39599	10,434198	9,910382	12,448286	12,431632	12,459713	11,13665	12,483481
0,000335561	0,003458338	2,3245227	down	noncoding	ENST00000529369	7,538032	7,281897	7,3975477	7,9075813	7,8670735	8,801184	8,628198	8,884546	8,767444	8,995432
2,90453E-05	0,001030197	55,5902853	down	noncoding	NR_037166	2,3977764	3,116402	2,415766	3,6595302	2,642579	8,49738	8,499998	8,823084	8,602334	8,793062
0,003681957	0,0147388	2,2865357	down	noncoding	TCONS_00016487	5,6189275	5,2229667	5,319602	6,5732603	4,905075	6,371879	6,6889477	6,743682	7,263061	6,538079
0,012553849	0,03353214	2,3597795	down	noncoding	TCONS_00012377	3,396915	3,929828	4,219378	4,893565	4,0293565	5,395242	5,6450906	5,373811	5,2582893	4,98987
0,002322803	0,010943163	2,5165678	down	noncoding	ENST00000458087	5,291465	5,4061694	5,457632	5,9292383	5,950084	7,0146313	7,06534	6,9687696	6,6546125	6,9885225
0,040796516	0,080730642	2,1661412	down	noncoding	ENST00000415503	4,4948087	4,14656	4,1875453	5,9002037	4,702012	6,012312	6,0766664	5,587354	5,6446114	5,6858225
0,005094705	0,018195902	2,2678052	down	noncoding	ENST00000554634	4,911623	5,0931034	4,7117934	5,0515313	4,1220746	6,049477	5,936283	5,9899673	5,769404	6,051478
0,030641884	0,065056228	4,1855274	down	noncoding	TCONS_00005763	4,2698946	4,2739325	2,9311926	5,8343506	2,642579	6,552549	7,0064554	6,329447	5,52083	4,869715
0,004372838	0,016448503	22,8644039	down	noncoding	ENST00000577817	11,566127	12,483481	11,712304	9,608792	8,267212	15,176599	15,164438	15,548686	14,936584	15,386766
0,000436407	0,003956848	2,670136	down	noncoding	ENST00000565166	9,939377	10,10586	9,96154	9,607174	9,726617	11,207373	11,162137	11,280749	11,383741	11,391134
0,028051447	0,060806699	2,3118484	down	noncoding	ENST00000578585	10,867621	11,397724	10,998211	9,689714	10,137425	11,687623	11,646502	11,885275	11,712304	12,204225
0,024705427	0,055549833	2,7962051	down	noncoding	TCONS_00008983	4,03682	4,9516983	4,450923	7,4260707	2,642579	5,703726	5,8751125	5,865472	7,882461	5,5986705
0,044946138	0,086568322	4,17683	down	noncoding	NR_037803	5,457481	5,365593	5,0752025	4,631598	4,8425813	8,623531	9,0072365	7,894524	4,8243628	5,3348436
0,044946138	0,086568322	4,17683	down	noncoding	NR_037803	5,457481	5,365593	5,0752025	4,631598	4,8425813	8,623531	9,0072365	7,894524	4,8243628	5,3348436
0,044946138	0,086568322	4,17683	down	noncoding	NR_037803	5,457481	5,365593	5,0752025	4,631598	4,8425813	8,623531	9,0072365	7,894524	4,8243628	5,3348436
0,044946138	0,086568322	4,17683	down	noncoding	NR_037803	5,457481	5,365593	5,0752025	4,631598	4,8425813	8,623531	9,0072365	7,894524	4,8243628	5,3348436

0,044946138	0,086568322	4,17683	down	noncoding	NR_037803	5,457481	5,365593	5,0752025	4,631598	4,8425813	8,623531	9,0072365	7,894524	4,8243628	5,3348436
0,044946138	0,086568322	4,17683	down	noncoding	NR_037803	5,457481	5,365593	5,0752025	4,631598	4,8425813	8,623531	9,0072365	7,894524	4,8243628	5,3348436
0,002984584	0,012844836	5,5609534	down	noncoding	ENST00000376445	2,8708696	4,5754256	3,7489438	4,154614	2,642579	6,0704956	6,215408	6,1696234	5,7875524	6,1260138
0,001283199	0,00747022	5,5777199	down	noncoding	ENST00000509666	3,204608	3,3593233	3,151687	5,9646406	2,642579	6,304862	6,1914907	5,6099944	7,2874637	5,3274045
0,000521432	0,004351356	2,044878	down	noncoding	TCONS_00026958	5,811458	5,7100782	5,984819	6,2753544	6,210139	7,022886	6,964714	7,0899925	7,1193843	6,9549456
0,033544792	0,069531343	2,6882749	down	noncoding	uc002bhh.4	4,683636	5,201151	4,6608615	5,267872	2,642579	5,927111	6,0802965	5,85952	5,912709	5,8098664
0,000291697	0,003203566	3,7097374	down	noncoding	ENST00000437008	4,450037	4,8803005	4,863296	3,7440197	5,055668	6,5183907	6,394711	6,6757255	6,1569443	6,704135
0,025201588	0,056316329	4,0532112	down	noncoding	TCONS_00006771	5,0390577	5,6467023	5,441017	6,263402	2,642579	6,8682837	6,851781	6,9358997	7,53545	6,9366703
0,019125008	0,046003087	9,5812494	down	noncoding	NR_033812	6,290659	7,3030024	6,3949623	4,1121583	2,642579	8,561515	8,593592	8,730454	8,454945	8,703924
0,019125008	0,046003087	9,5812494	down	noncoding	NR_033812	6,290659	7,3030024	6,3949623	4,1121583	2,642579	8,561515	8,593592	8,730454	8,454945	8,703924
0,024397768	0,055015962	4,0275898	down	noncoding	ENST00000564531	2,3977764	2,3729734	2,415766	5,7966104	2,642579	4,6942377	4,7918725	5,0992565	5,561252	5,5286703
0,024397768	0,055015962	4,0275898	down	noncoding	ENST00000564531	2,3977764	2,3729734	2,415766	5,7966104	2,642579	4,6942377	4,7918725	5,0992565	5,561252	5,5286703
0,024397768	0,055015962	4,0275898	down	noncoding	ENST00000564531	2,3977764	2,3729734	2,415766	5,7966104	2,642579	4,6942377	4,7918725	5,0992565	5,561252	5,5286703
0,009531163	0,027587361	3,8050317	down	noncoding	ENST00000437831	3,0935822	3,9815464	3,3218956	5,4229293	2,642579	5,6715674	5,3887095	5,558289	6,008006	5,475503
0,015712745	0,039811187	2,2341044	down	noncoding	NR_027170	10,873781	11,341061	10,873191	9,92153	10,143677	11,693262	11,656695	11,93929	11,746975	11,915501
0,015712745	0,039811187	2,2341044	down	noncoding	NR_027170	10,873781	11,341061	10,873191	9,92153	10,143677	11,693262	11,656695	11,93929	11,746975	11,915501
0,00532015	0,018752873	2,010885	down	noncoding	TCONS_00004671	3,3831303	4,0594687	3,1608684	6,216933	2,642579	4,1942296	4,5382895	4,636408	7,1297283	4,003477
0,001144091	0,006992771	2,6850254	down	noncoding	NR_033711	4,8523507	5,3170223	5,1675367	4,3351555	5,024892	6,181456	6,280325	6,456525	6,337594	6,565736
0,001144091	0,006992771	2,6850254	down	noncoding	NR_033711	4,8523507	5,3170223	5,1675367	4,3351555	5,024892	6,181456	6,280325	6,456525	6,337594	6,565736
0,001144091	0,006992771	2,6850254	down	noncoding	NR_033711	4,8523507	5,3170223	5,1675367	4,3351555	5,024892	6,181456	6,280325	6,456525	6,337594	6,565736
0,001144091	0,006992771	2,6850254	down	noncoding	NR_033711	4,8523507	5,3170223	5,1675367	4,3351555	5,024892	6,181456	6,280325	6,456525	6,337594	6,565736
0,001144091	0,006992771	2,6850254	down	noncoding	NR_033711	4,8523507	5,3170223	5,1675367	4,3351555	5,024892	6,181456	6,280325	6,456525	6,337594	6,565736
0,001144091	0,006992771	2,6850254	down	noncoding	NR_033711	4,8523507	5,3170223	5,1675367	4,3351555	5,024892	6,181456	6,280325	6,456525	6,337594	6,565736
0,001144091	0,006992771	2,6850254	down	noncoding	NR_033711	4,8523507	5,3170223	5,1675367	4,3351555	5,024892	6,181456	6,280325	6,456525	6,337594	6,565736
0,001144091	0,006992771	2,6850254	down	noncoding	NR_033711	4,8523507	5,3170223	5,1675367	4,3351555	5,024892	6,181456	6,280325	6,456525	6,337594	6,565736
0,001144091	0,006992771	2,6850254	down	noncoding	NR_033711	4,8523507	5,3170223	5,1675367	4,3351555	5,024892	6,181456	6,280325	6,456525	6,337594	6,565736
0,001144091	0,006992771	2,6850254	down	noncoding	NR_033711	4,8523507	5,3170223	5,1675367	4,3351555	5,024892	6,181456	6,280325	6,456525	6,337594	6,565736
0,001075653	0,006707625	2,1998909	down	noncoding	uc001ejd.1	6,009481	6,1358285	5,978673	6,4351497	5,928672	7,216959	7,0188923	7,2824044	7,2174845	7,439224
0,000555068	0,004514773	40,2566506	down	noncoding	ENST00000400578	2,3977764	2,3729734	2,415766	4,870621	2,642579	8,113409	8,055094	8,54006	8,099661	8,547268
0,010259708	0,029075402	3,6548385	down	noncoding	ENST00000421996	8,38402	9,077652	8,4079075	7,0227213	7,1208014	9,852544	9,7765665	9,997225	9,716489	10,019316
0,013132548	0,034670584	2,3742477	down	noncoding	ENST00000478823	3,4766748	2,9145958	3,3355114	4,329595	2,642579	4,969802	4,5670776	4,429763	4,5068936	4,462772
0,000641958	0,004891418	2,6106943	down	noncoding	ENST00000439157	4,179887	4,52828	4,3133273	4,4466376	4,100741	5,673632	5,7578926	5,768858	5,3885517	5,9021063
0,000533711	0,004394267	2,2260718	down	noncoding	TCONS_00028462	5,8403554	6,2271214	5,8589206	7,111651	5,3179665	7,1041975	7,072138	7,045115	8,089003	6,818062
0,000339703	0,003479186	4,3554517	down	noncoding	uc004ags.1	4,566314	4,8465233	4,5271525	3,4419081	4,8977947	6,420193	6,5854053	6,909494	6,1682987	6,8104134
0,000176569	0,002423346	3,8489246	down	noncoding	ENST00000437833	6,8168817	7,1612945	6,811241	6,2716928	6,4161525	8,624846	8,6501045	8,810907	8,335749	8,777933
0,004599082	0,016996706	2,0308317	down	noncoding	uc010oaw.1	4,7213173	4,4966116	4,5004144	6,077804	5,056676	5,9138465	5,868533	5,855408	6,6008644	5,724525
0,004599082	0,016996706	2,0308317	down	noncoding	uc010oaw.1	4,7213173	4,4966116	4,5004144	6,077804	5,056676	5,9138465	5,868533	5,855408	6,6008644	5,724525
0,004599082	0,016996706	2,0308317	down	noncoding	uc010oaw.1	4,7213173	4,4966116	4,5004144	6,077804	5,056676	5,9138465	5,868533	5,855408	6,6008644	5,724525
0,03305774	0,068875895	2,6531528	down	noncoding	ENST00000515680	3,851491	3,9740634	3,517321	6,753994	2,642579	5,222864	5,9018583	5,32883	6,4822574	4,8421774
0,03305774	0,068875895	2,6531528	down	noncoding	ENST00000515680	3,851491	3,9740634	3,517321	6,753994	2,642579	5,222864	5,9018583	5,32883	6,4822574	4,8421774
0,03305774	0,068875895	2,6531528	down	noncoding	ENST00000515680	3,851491	3,9740634	3,517321	6,753994	2,642579	5,222864	5,9018583	5,32883	6,4822574	4,8421774
0,003927201	0,015318052	5,0934868	down	noncoding	ENST00000567993	3,692132	4,5595284	4,1160336	2,9020994	2,642579	6,344259	5,6871142	6,142747	5,3098235	6,1716967
0,006412131	0,021176512	2,1276425	down	noncoding	ENST00000447271	5,089905	5,647963	4,901727	4,7221494	4,314114	6,006719	6,1843295	5,8987913	5,9106483	6,121649
0,006412131	0,021176512	2,1276425	down	noncoding	ENST00000447271	5,089905	5,647963	4,901727	4,7221494	4,314114	6,006719	6,1843295	5,8987913	5,9106483	6,121649
0,006412131	0,021176512	2,1276425	down	noncoding	ENST00000447271	5,089905	5,647963	4,901727	4,7221494	4,314114	6,006719	6,1843295	5,8987913	5,9106483	6,121649
0,006412131	0,021176512	2,1276425	down	noncoding	ENST00000447271	5,089905	5,647963	4,901727	4,7221494	4,314114	6,006719	6,1843295	5,8987913	5,9106483	6,121649
0,006412131	0,021176512	2,1276425	down	noncoding	ENST00000447271	5,089905	5,647963	4,901727	4,7221494	4,314114	6,006719	6,1843295	5,8987913	5,9106483	6,121649
0,006412131	0,021176512	2,1276425	down	noncoding	ENST00000447271	5,089905	5,647963	4,901727	4,7221494	4,314114	6,006719	6,1843295	5,8987913	5,9106483	6,121649
0,010231582	0,029020392	2,0421108	down	noncoding	ENST00000496886	5,4582896	5,811187	5,0045514	5,849495	4,9821315	6,347934	6,4344163	6,666767	6,375614	6,431229
3,99505E-05	0,001194354	4,1082533	down	noncoding	NR_033289	7,5167418	7,3291388	7,5045757	7,9627357	7,9100943	9,523857	9,534174	9,819675	9,680583	9,857623
0,022128252	0,051202981	2,031288	down	noncoding	ENST00000582066	4,4474635	3,8711731	3,4818351	5,0753684	4,148967	5,323903	5,1941757	5,2492113	5,1410904	5,2284007
0,005050376	0,018094426	3,0370545	down	noncoding	ENST00000431637	4,2112617	4,321501	4,3022895	4,1344643	2,642579	5,423328	5,4788637	5,7833705	5,5737963	5,366101
0,023040229	0,052718926	7,6314557	down	noncoding	ENST00000561502	5,42914	6,523442	5,4934	2,3967412	2,642579	7,427552	7,3960223	7,5580163	7,09633	7,667173
0,031258923	0,066090934	2,2338295	down	noncoding	TCONS_00013599	6,7596655	5,978828	6,653479	8,089798	7,3947744	7,9593253	8,062614	8,36085	8,146698	8,144653
0,017493993	0,043090619	24,1054724	down	noncoding	ENST00000563268	6,8304825	7,6169605	6,763624	9,98508	2,642579	11,321441	11,254751	11,395422	11,460961	11,362595
0,016027149	0,040406899	2,2075099	down	noncoding	ENST00000567150	4,6378675	5,321432	4,9316816	4,3128324	3,9552667	5,8474264	5,5692897	6,0278683	5,4248466	6,0017486
0,032009149	0,067253797	2,1609783	down	noncoding	NR_034166	4,815553	4,856232	4,7295766	2,9999208	3,7711391	5,2382236	5,305217	5,5455737	5,014186	5,627644
0,032009149	0,067253797	2,1609783	down	noncoding	NR_034166	4,815553	4,856232	4,7295766	2,9999208	3,7711391	5,2382236	5,305217	5,5455737	5,014186	5,627644
0,000668967	0,005013519	2,1702903	down	noncoding	ENST00000436803	5,559106	5,536352	5,303852	5,0285435	5,1602416	6,29356	6,5342355	6,602784	6,190709	6,5562468
0,010302359	0,029162721	2,0646903	down	noncoding	uc003anf.2	5,347026	5,1821127	5,3320255	6,0477552	5,485888	7,1479654	6,3402224	6,373037	6,443864	6,3193455
0,010302359	0,029162721	2,0646903	down	noncoding	uc003anf.2	5,347026	5,1821127	5,3320255	6,0477552	5,485888	7,1479654	6,3402224	6,373037	6,443864	6,3193455
8,54549E-05	0,00165167	10,6318729	down	noncoding	ENST00000533039	2,3977764	2,3729734	2,415766	3,2135882	2,642579	5,8313417	5,745126	6,2876906	5,8647685	6,3653755
0,001609452	0,008557891	3,6118722	down	noncoding	ENST00000567077	4,6012187	4,061967	3,465908	4,886329	4,612895	6,01218	6,240661	6,1165376	6,302059	6,2206144
2,04011E-05	0,000887347	11,7447586	down	noncoding	ENST00000412640	2,3977764	2,3729734	2,415766	2,7536545	2,642579	5,7100782	5,9065666	6,335132	5,887786	6,5129123
0,000836856	0,005728529	3,0412427	down	noncoding	uc021onu.1	6,0581594	6,3795114	5,9550314	5,8884907	5,3825846	7,411793	7,564379	7,6888995	7,4245195	7,5974913
0,001177939	0,007123063	4,7128485	down	noncoding	NR_040773	4,5469923	4,7783318	4,3561425	5,187509	3,6957111	6,6175876	6,484926	6,7108135	7,0127797	6,9215765
0,001177939	0,007123063	4,7128485	down	noncoding	NR_040773	4,5469923	4,7783318	4,3561425	5,187509	3,6957111	6,6175876	6,484926	6,7108135	7,0127797	6,9215765
0,001177939	0,007123063	4,7128485	down	noncoding	NR_040773	4,5469923	4,7783318	4,3561425	5,187509	3,6957111	6,6175876	6,484926	6,7108135	7,0127797	6,9215765
0,001177939	0,007123063	4,7128485	down	noncoding	NR_040773	4,5469923	4,7783318	4,3561425	5,187509	3,6957111	6,6175876	6,484926	6,7108135	7,0127797	6,9215765

0,001177939	0,007123063	4,7128485	down	noncoding	NR_040773	4,5469923	4,7783318	4,3561425	5,187509	3,6957111	6,6175876	6,484926	6,7108135	7,0127797	6,9215765
0,001177939	0,007123063	4,7128485	down	noncoding	NR_040773	4,5469923	4,7783318	4,3561425	5,187509	3,6957111	6,6175876	6,484926	6,7108135	7,0127797	6,9215765
0,001177939	0,007123063	4,7128485	down	noncoding	NR_040773	4,5469923	4,7783318	4,3561425	5,187509	3,6957111	6,6175876	6,484926	6,7108135	7,0127797	6,9215765
0,001177939	0,007123063	4,7128485	down	noncoding	NR_040773	4,5469923	4,7783318	4,3561425	5,187509	3,6957111	6,6175876	6,484926	6,7108135	7,0127797	6,9215765
0,001177939	0,007123063	4,7128485	down	noncoding	NR_040773	4,5469923	4,7783318	4,3561425	5,187509	3,6957111	6,6175876	6,484926	6,7108135	7,0127797	6,9215765
0,001177939	0,007123063	4,7128485	down	noncoding	NR_040773	4,5469923	4,7783318	4,3561425	5,187509	3,6957111	6,6175876	6,484926	6,7108135	7,0127797	6,9215765
0,001177939	0,007123063	4,7128485	down	noncoding	NR_040773	4,5469923	4,7783318	4,3561425	5,187509	3,6957111	6,6175876	6,484926	6,7108135	7,0127797	6,9215765
0,001177939	0,007123063	4,7128485	down	noncoding	NR_040773	4,5469923	4,7783318	4,3561425	5,187509	3,6957111	6,6175876	6,484926	6,7108135	7,0127797	6,9215765
0,000573563	0,004591973	3,154479	down	noncoding	TCONS_00006023	4,77335	4,7087846	4,7221494	3,8886833	4,442808	6,219604	5,9852066	6,253513	6,119306	6,2451544
0,006185934	0,0207165	19,4399661	down	noncoding	ENST00000458343	10,224499	11,141896	10,357513	8,706666	6,834159	13,758297	13,572782	13,706466	13,730233	13,901724
0,001119617	0,006900257	9,4372924	down	noncoding	ENST00000458444	3,3273518	3,0374842	3,3039808	4,918689	4,2837152	6,992177	6,9487944	7,0744286	6,727873	7,319813
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,000195297	0,002558469	2,1869357	down	noncoding	NR_047604	6,541219	6,285965	6,637823	6,890482	6,636846	7,709773	7,629363	7,818988	7,7065268	7,7722383
0,005715973	0,019654806	9,4227684	down	noncoding	ENST00000421034	2,967623	2,5565507	2,415766	5,2078733	2,642579	6,3485293	6,3032713	6,5155563	6,100491	6,703299
7,23457E-05	0,001546968	4,0778067	down	noncoding	ENST00000560464	9,928236	10,073977	9,894038	9,400404	9,82602	11,770353	11,777202	11,92812	11,785205	12,000762
0,0100586	0,028692539	54,9360555	down	noncoding	ENST00000543512	6,0785303	7,054943	6,1728816	10,497615	2,642579	12,147826	12,1224	12,311982	12,378152	12,384596
0,000316161	0,003341299	2,5365735	down	noncoding	uc002ygw.3	5,9595995	5,9503765	6,125713	5,978216	5,9070992	7,457533	7,4142704	7,3732777	6,9112053	7,4791226
0,000316161	0,003341299	2,5365735	down	noncoding	uc002ygw.3	5,9595995	5,9503765	6,125713	5,978216	5,9070992	7,457533	7,4142704	7,3732777	6,9112053	7,4791226
0,00017709	0,002423346	2,8710826	down	noncoding	ENST00000509870	3,7511702	4,0427628	3,5170584	3,5698726	4,0880704	5,3813543	5,3491826	5,288653	5,2700825	5,2876363
0,028071171	0,060830476	3,3289315	down	noncoding	ENST00000454875	6,104571	4,375303	6,2566934	7,462697	7,2775927	7,9506726	7,8963704	8,120387	8,053722	8,131001
0,000118251	0,001965345	2,6470042	down	noncoding	ENST00000412420	5,9611497	5,945886	6,0679884	7,099648	5,9449453	7,567271	7,496936	7,4215364	8,169937	7,3857393
0,001646541	0,008672215	2,3612615	down	noncoding	ENST00000430357	4,257857	4,7176313	5,1392765	3,9976149	4,713207	5,7200375	5,720657	5,9360843	5,723263	5,923334
5,98684E-05	0,001430932	2,2021142	down	noncoding	NR_033655	9,499321	9,717779	9,5282345	9,445291	9,427164	10,620913	10,644124	10,766094	10,552194	10,728911
5,98684E-05	0,001430932	2,2021142	down	noncoding	NR_033655	9,499321	9,717779	9,5282345	9,445291	9,427164	10,620913	10,644124	10,766094	10,552194	10,728911
0,020605238	0,048653908	3,3926962	down	noncoding	TCONS_00008982	3,3218956	4,59962	3,708886	7,20508	2,642579	5,4794126	5,800364	5,7362146	7,511194	5,7630367
1,46366E-05	0,000791496	2,7546115	down	noncoding	ENST00000566898	6,4325857	6,609883	6,6055346	6,431462	6,8050785	7,999053	7,880652	8,167365	7,817416	8,329302
0,000487764	0,004180155	5,1447818	down	noncoding	TCONS_00027241	7,430929	8,072397	7,715525	7,1833878	6,8436027	9,774334	9,764734	9,916784	9,657725	9,947814
0,007412641	0,023234659	3,2822913	down	noncoding	NR_026758	5,7068667	6,0689836	5,6746755	4,836914	4,109272	7,087545	7,036812	6,9745665	6,8645678	7,006737
0,000467998	0,004085379	3,1999035	down	noncoding	ENST00000510692	6,514758	6,8170333	6,590673	5,644491	6,0710716	8,08607	7,99497	8,192504	7,586945	8,16768
0,009833635	0,028247091	3,860866	down	noncoding	NR_052025	3,8368053	3,449098	2,875628	4,1984363	2,642579	5,2101097	5,604495	5,562271	4,831023	5,5392704
0,009833635	0,028247091	3,860866	down	noncoding	NR_052025	3,8368053	3,449098	2,875628	4,1984363	2,642579	5,2101097	5,604495	5,562271	4,831023	5,5392704
0,009833635	0,028247091	3,860866	down	noncoding	NR_052025	3,8368053	3,449098	2,875628	4,1984363	2,642579	5,2101097	5,604495	5,562271	4,831023	5,5392704
0,00617256	0,020693257	8,3754359	down	noncoding	ENST00000466281	2,3977764	2,3729734	2,415766	5,1444936	2,642579	5,902415	6,0874214	6,08638	5,892294	6,3358994
0,020416511	0,048300883	3,2390972	down	noncoding	ENST00000456532	3,2563753	4,892013	4,346865	2,3967412	2,642579	5,412271	5,1178374	5,4053907	4,8307123	5,246321
0,001666588	0,008749734	2,468577	down	noncoding	ENST00000561222	4,701472	4,9339504	4,4644923	4,977192	4,4396434	5,934114	6,0260763	6,058334	5,7945604	6,2220635
0,000385812	0,003726124	2,9028267	down	noncoding	ENST00000500612	4,4931817	4,5458455	4,1619883	4,289971	3,9832332	5,8103614	5,7772455	5,9614124	5,6915493	5,9209433
0,000385812	0,003726124	2,9028267	down	noncoding	ENST00000500612	4,4931817	4,5458455	4,1619883	4,289971	3,9832332	5,8103614	5,7772455	5,9614124	5,6915493	5,9209433
0,000385812	0,003726124	2,9028267	down	noncoding	ENST00000500612	4,4931817	4,5458455	4,1619883	4,289971	3,9832332	5,8103614	5,7772455	5,9614124	5,6915493	5,9209433
0,001142598	0,006986536	17,7814977	down	noncoding	ENST00000411666	2,3977764	2,4293728	2,415766	4,651187	2,642579	6,913213	6,9316278	7,358969	6,8315887	7,2628074
0,04870601	0,092002317	2,6430721	down	noncoding	TCONS_00008386	4,5290008	5,0911365	4,775819	7,7470546	2,642579	5,805487	5,8973904	6,0062695	8,145374	5,942148
0,002332963	0,01096656	2,0811919	down	noncoding	ENST00000375465	4,711167	4,4246016	4,3006296	4,058855	4,166026	5,2166004	5,426064	5,4017925	5,359991	5,5438814
0,000415536	0,003857541	4,4501432	down	noncoding	NR_047680	6,7344522	7,06191	6,8621516	5,8713274	6,344906	8,67812	8,691663	8,834573	8,590444	8,849206
0,000415536	0,003857541	4,4501432	down	noncoding	NR_047680	6,7344522	7,06191	6,8621516	5,8713274	6,344906	8,67812	8,691663	8,834573	8,590444	8,849206
0,000415536	0,003857541	4,4501432	down	noncoding	NR_047680	6,7344522	7,06191	6,8621516	5,8713274	6,344906	8,67812	8,691663	8,834573	8,590444	8,849206
0,000415536	0,003857541	4,4501432	down	noncoding	NR_047680	6,7344522	7,06191	6,8621516	5,8713274	6,344906	8,67812	8,691663	8,834573	8,590444	8,849206
0,000415536	0,003857541	4,4501432	down	noncoding	NR_047680	6,7344522	7,06191	6,8621516	5,8713274	6,344906	8,67812	8,691663	8,834573	8,590444	8,849206
0,000971642	0,006286633	72,6081868	down	noncoding	ENST00000558730	2,3977764	2,5450404	2,415766	6,1008716	2,642579	9,327605	9,285797	9,441965	9,438465	9,518503

0,00367326	0,014719933	3,8204743	down	noncoding	ENST00000432696	3,5900452	3,9362583	3,5917442	3,2235725	2,642579	5,479907	4,960034	5,3941884	5,161571	5,6572576
0,004446029	0,016643328	5,2004823	down	noncoding	TCONS_00017629	3,3031197	2,6696389	3,6422765	4,399714	4,917306	6,1281037	6,133995	6,4052825	5,928141	6,22976
0,00016871	0,002365628	2,2512968	down	noncoding	ENST00000510145	6,57048	6,6959753	6,60109	8,347136	6,674162	8,010631	7,9925146	7,7106066	9,344839	7,6840334
0,001913506	0,009589593	5,2187706	down	noncoding	ENST00000457457	4,23031	4,6106253	4,180761	3,776866	2,642579	6,2236156	6,487573	6,4701867	5,86647	6,311846
0,000137166	0,002150448	3,7398482	down	noncoding	ENST00000448718	11,417519	11,778462	11,49855	11,82538	11,123541	13,419481	13,4024105	13,507925	13,411486	13,417048
0,002596937	0,011747819	4,0430186	down	noncoding	ENST00000432229	5,9657884	6,5569572	6,12262	5,843646	4,8777285	7,6854463	7,877877	7,9326315	7,9627357	7,9852138
0,003528029	0,014363841	6,7275047	down	noncoding	ENST00000429567	3,0355701	3,1906137	2,415766	4,5634255	2,642579	5,530757	5,7663	6,1390758	5,8587956	6,3033834
0,000856339	0,005817252	5,7811492	down	noncoding	ENST00000415358	4,024324	4,9057646	4,3942194	3,7318068	2,642579	6,739855	6,862447	6,486364	6,0893593	6,17745
0,004903439	0,017722652	2,3470794	down	noncoding	ENST00000556130	5,3728504	5,2047777	5,1518745	5,6372523	4,5253625	6,0720263	6,221756	6,2059464	7,036375	6,510347
0,000299927	0,003249723	2,38396	down	noncoding	ENST00000416648	10,656699	10,731758	10,689107	10,098913	10,524755	11,886153	11,805329	11,724662	11,733785	11,818103
0,000422424	0,0038873	2,8900844	down	noncoding	ENST00000561384	7,059931	7,310344	7,099849	6,7238455	6,864134	8,3676605	8,472827	8,567858	8,595687	8,709629
0,001150425	0,007016975	2,8145603	down	noncoding	TCONS_00009859	5,287489	4,9914284	5,024452	5,9818935	4,565297	6,603779	6,496074	6,7288246	6,9177256	6,5687046
0,024431793	0,055051619	2,1572755	down	noncoding	ENST00000528717	7,009112	7,5401597	6,8765793	7,48795	6,060038	8,141899	8,244976	8,243582	7,724082	8,165352
0,000386776	0,00373118	3,8257074	down	noncoding	ENST00000435523	7,7475777	7,975508	7,8256073	7,0188923	7,515458	9,420131	9,476933	9,651184	9,463457	9,749971
0,021335434	0,049783635	3,1797178	down	noncoding	uc002sbr.3	4,697198	4,0949526	4,5310984	6,296486	4,9151554	6,507447	6,754975	6,738275	6,281082	6,597605
0,001642685	0,008667516	2,009454	down	noncoding	chr1:54700800-5473	3,982177	4,5875063	4,2532926	5,942148	3,7092788	5,132897	5,444681	5,2373075	6,568923	5,124612
0,034144174	0,070516594	3,0599398	down	noncoding	ENST00000416261	3,1457353	3,424402	3,4262486	6,7890897	2,642579	5,0665717	5,6599236	5,0622272	6,464587	5,2422614
0,00313533	0,013311419	6,8344778	down	noncoding	ENST00000492416	2,3977764	2,4423113	3,3086948	4,115872	2,642579	5,825982	5,883238	6,066349	5,2168837	5,7789364
0,012035548	0,03255369	7,5633257	down	noncoding	ENST00000523831	3,080031	3,9790177	2,415766	5,491143	2,642579	6,3782325	6,375796	6,6620483	6,075403	6,7121606
0,029161229	0,062550624	2,823729	down	noncoding	NR_046113	4,4648185	4,5320497	4,631598	3,6729796	2,642579	5,441306	5,496919	5,329938	5,3425055	5,8213644
0,001939555	0,009677476	3,0075142	down	noncoding	ENST00000553270	4,5843062	4,811014	3,9512186	4,0634303	3,8876257	5,767108	5,831047	5,853516	5,6989946	6,089787
0,000552951	0,004501331	2,8572936	down	noncoding	TCONS_00012018	11,008295	11,080494	10,9903555	10,857199	10,434198	12,431632	12,31824	12,255524	12,438858	12,499534
0,006069022	0,020505118	2,3620121	down	noncoding	ENST00000558526	4,6211367	5,378755	5,1207967	4,469742	3,8868082	6,1407557	6,1231875	5,7731843	5,8868537	5,7533393
0,000655018	0,004951667	4,7646081	down	noncoding	TCONS_00006100	3,0035913	3,4481084	3,4895298	2,873967	2,642579	5,3199816	5,085965	5,3697233	5,311572	5,6323214
0,043793168	0,084936908	2,7004032	down	noncoding	TCONS_00021853	2,3977764	2,9483278	2,415766	5,9790573	2,642579	4,7233076	4,4315066	4,882073	5,7025285	3,809965
0,044903928	0,086512209	2,36518	down	noncoding	TCONS_00022727	4,2314224	5,398138	4,1250076	6,572551	2,642579	5,082164	5,625202	5,5270314	7,5079794	5,437071
2,28522E-06	0,000438225	121,0220838	down	noncoding	ENST00000425399	4,7169957	5,003549	4,751704	4,5217514	4,3934073	11,468746	11,384754	11,726049	11,592132	11,811359
0,000333356	0,003447517	2,5849905	down	noncoding	ENST00000525262	7,6298327	7,5171103	7,547318	7,898479	7,805355	9,280811	9,026211	9,024051	8,865924	9,051893
0,000489055	0,004187568	2,7861362	down	noncoding	TCONS_00029141	5,030624	5,5848274	5,0989285	7,7454047	5,080844	6,718139	6,7898335	7,008377	8,907769	6,507839
0,00643038	0,021198882	2,8438409	down	noncoding	ENST00000445003	3,435184	3,845361	3,2275572	4,7400055	2,642579	4,634117	4,8457365	5,06047	5,755289	5,134278
0,03533855	0,072421734	2,703859	down	noncoding	ENST00000536922	4,3122425	4,696361	4,895963	3,860041	2,642579	5,055932	5,577153	5,7005205	5,4350247	5,813656
0,033299331	0,069158348	2,2932488	down	noncoding	ENST00000445226	3,9825137	4,6697526	4,369762	3,7988563	2,642579	4,9134593	5,4290304	5,3227196	4,458444	5,3267746
0,043688028	0,084755233	3,9487691	down	noncoding	ENST00000558140	3,3774743	3,722082	3,38502	6,5578065	2,642579	6,0700116	6,1899405	5,867746	5,8408403	5,6234384
0,043688028	0,084755233	3,9487691	down	noncoding	ENST00000558140	3,3774743	3,722082	3,38502	6,5578065	2,642579	6,0700116	6,1899405	5,867746	5,8408403	5,6234384
0,043688028	0,084755233	3,9487691	down	noncoding	ENST00000558140	3,3774743	3,722082	3,38502	6,5578065	2,642579	6,0700116	6,1899405	5,867746	5,8408403	5,6234384
0,043688028	0,084755233	3,9487691	down	noncoding	ENST00000558140	3,3774743	3,722082	3,38502	6,5578065	2,642579	6,0700116	6,1899405	5,867746	5,8408403	5,6234384
0,000503973	0,004270764	2,2974349	down	noncoding	uc009vox.3	4,891028	4,914568	5,24991	4,872437	4,870492	5,997627	6,1618557	6,1120224	6,072983	6,4540668
0,000754944	0,005400444	2,6037692	down	noncoding	ENST00000562749	4,3158183	3,9807954	3,7291076	4,271116	3,752431	5,194477	5,2872415	5,0774684	5,9378934	5,455196
0,000754944	0,005400444	2,6037692	down	noncoding	ENST00000562749	4,3158183	3,9807954	3,7291076	4,271116	3,752431	5,194477	5,2872415	5,0774684	5,9378934	5,455196
0,039387946	0,078600386	2,9803725	down	noncoding	ENST00000504382	7,1575146	7,0032077	7,092033	8,109046	7,2482347	8,41188	8,385272	8,1352	11,706692	7,8484554
0,00862562	0,02578961	2,1122766	down	noncoding	NR_036537	10,774647	11,121667	10,807742	10,186821	10,181188	11,738516	11,647451	11,508783	11,79995	11,771359
0,001590102	0,008500345	2,1405584	down	noncoding	ENST00000477141	13,414141	13,5801525	13,505316	13,82067	13,27799	14,717969	14,717969	14,7844095	14,35376	14,514098
0,035627108	0,072836219	3,579189	down	noncoding	NR_026815	4,527378	4,461328	4,827162	7,092632	4,5119596	7,3777685	7,0738473	7,100032	6,661444	6,4055314
9,9884E-07	0,000348098	3,116846	down	noncoding	ENST00000584190	7,494077	7,352651	7,475472	7,337817	7,5874076	9,039916	9,102728	9,123914	8,947976	9,233325
8,99617E-05	0,001696905	2,856798	down	noncoding	TCONS_00016184	5,679871	5,641507	5,930216	5,311083	5,9468246	7,3687935	7,321819	7,1611753	6,938371	7,291338
0,001803365	0,009185343	7,9860236	down	noncoding	NR_024259	3,9883966	4,8181934	4,3346167	5,849318	3,7573905	7,356266	7,4630876	7,709356	7,4610553	7,745537
0,026106572	0,057707005	3,0949989	down	noncoding	ENST00000555871	3,0262604	4,199565	3,1384246	6,999805	2,642579	5,0704756	5,786195	5,647039	6,8337274	4,8188915
0,000252621	0,00293089	2,3969245	down	noncoding	TCONS_00029845	5,0184026	4,5544677	5,2247505	5,2198253	5,3483353	6,255614	6,176356	6,4273567	6,2037754	6,6086016
0,008774017	0,026069802	3,628945	down	noncoding	uc003wed.3	5,446921	6,2696395	5,808008	4,1988835	4,7471833	7,1187882	7,0082445	7,2235246	6,905401	7,512428
0,000815048	0,005649903	3,36834	down	noncoding	chr4:114929225-114	2,3977764	3,8197358	2,415766	6,6588664	2,642579	4,247134	5,107479	4,850169	8,29778	4,1923504
0,002858419	0,012524334	2,333021	down	noncoding	NR_027431	4,3578067	4,433617	3,6964588	2,87859	3,809845	5,037417	5,290399	5,2105207	4,407809	5,3411684
0,002858419	0,012524334	2,333021	down	noncoding	NR_027431	4,3578067	4,433617	3,6964588	2,87859	3,809845	5,037417	5,290399	5,2105207	4,407809	5,3411684
0,002858419	0,012524334	2,333021	down	noncoding	NR_027431	4,3578067	4,433617	3,6964588	2,87859	3,809845	5,037417	5,290399	5,2105207	4,407809	5,3411684
0,002858419	0,012524334	2,333021	down	noncoding	NR_027431	4,3578067	4,433617	3,6964588	2,87859	3,809845	5,037417	5,290399	5,2105207	4,407809	5,3411684
0,002858419	0,012524334	2,333021	down	noncoding	NR_027431	4,3578067	4,433617	3,6964588	2,87859	3,809845	5,037417	5,290399	5,2105207	4,407809	5,3411684
0,002858419	0,012524334	2,333021	down	noncoding	NR_027431	4,3578067	4,433617	3,6964588	2,87859	3,809845	5,037417	5,290399	5,2105207	4,407809	5,3411684
0,002858419	0,012524334	2,333021	down	noncoding	NR_027431	4,3578067	4,433617	3,6964588	2,87859	3,809845	5,037417	5,290399	5,2105207	4,407809	5,3411684
0,002858419	0,012524334	2,333021	down	noncoding	NR_027431	4,3578067	4,433617	3,6964588	2,87859	3,809845	5,037417	5,290399	5,2105207	4,407809	5,3411684
0,007854022	0,024131932	7,392864	down	noncoding	ENST00000530549	5,0617204	5,81343	5,109209	3,9751408	2,642579	7,297148	7,3543544	7,6178045	7,1389036	7,6245356
0,042839611	0,083636105	2,1105884	down	noncoding	ENST00000566927	3,56157	4,7750745	4,3444066	3,1482852	2,642579	4,8060327	4,7551622	4,997726	4,4698777	4,831343
0,042839611	0,083636105	2,1105884	down	noncoding	ENST00000566927	3,56157	4,7750745	4,3444066	3,1482852	2,642579	4,8060327	4,7551622	4,997726	4,4698777	4,831343
8,78861E-06	0,000639313	3,3715482	down	noncoding	TCONS_00004186	6,26172	6,4751987	6,3407717	8,124699	6,399545	8,05707	8,109588	8,234777	9,710319	8,2572365
0,021961086	0,05090384	4,3361295	down	noncoding	ENST00000514187	2,8558087	4,028263	2,415766	5,2992287	2,642579	5,3228283	5,215352	5,8542013	5,6746755	5,7566276
0,021961086	0,05090384	4,3361295	down	noncoding	ENST00000514187	2,8558087	4,028263	2,415766	5,2992287	2,642579	5,3228283	5,215352	5,8542013	5,6746755	5,7566276
6,0046E-05	0,001430932	2,4012366	down	noncoding	ENST00000453118	3,794151	4,3455706	3,994087	3,3805478	4,001244	5,0719805	5,337015	5,378031	4,75689	5,2905717
0,012182417	0,032832848	2,1135639	down	noncoding	NR_026986	6,2389164	6,998272	6,7544866	5,894638	5,5472856	7,4613633	7,424962	7,4818654	7,0243087	7,439488
0,012182417	0,032832848	2,1135639	down	noncoding	NR_026986	6,2389164	6,998272	6,7544866	5,894638	5,5472856	7,4613633	7,424962	7,4818654	7,0243087	7,439488
0,008529235	0,025610231	3,2010223	down	noncoding	ENST00000566876	5,4706435	6,105129	5,650988	6,5702596	4,7965617	7,8134193	7,5167418	7,454369	7,049066	7,1526494
0,00088592	0,005948663	2,0429599	down	noncoding	ENST00000562415	8,8509445	8,999435	8,807416	8,240152	8,730137	9,779273	9,690601	9,84564	9,644375	9,8215
0,016481866	0,041208848	3,1345065	down	noncoding	ENST00000537370	4,7720113	4,959604	4,1255083	7,2735763	2,642579	6,083911	6,403836	6,3812113	7,6811447	5,4643674
0,000156484	0,002301178	3,8670598	down	noncoding	ENST00000446789	6,8276443	7,1648693	6,740546	7,2835355	6,4158516	8,844021	8,886887	8,839248	8,845002	8,773474
0,000156484	0,002301178	3,8670598	down	noncoding	ENST00000446789	6,8276443	7,1648693	6,740546	7,2835355	6,4158516	8,844021	8,886887	8,839248	8,845002	8,773474

0,000156484	0,002301178	3,8670598	down	noncoding	ENST00000446789	6,8276443	7,1648693	6,740546	7,2835355	6,4158516	8,844021	8,886887	8,839248	8,845002	8,773474
0,000156484	0,002301178	3,8670598	down	noncoding	ENST00000446789	6,8276443	7,1648693	6,740546	7,2835355	6,4158516	8,844021	8,886887	8,839248	8,845002	8,773474
0,033021964	0,068833794	2,2233147	down	noncoding	ENST00000518539	3,571566	4,3440614	3,5152261	3,8166325	2,642579	4,3371	4,973759	4,961992	4,3022895	5,0784855
0,000717186	0,005226472	2,3433672	down	noncoding	TCONS_00006375	7,289748	7,327091	7,398149	7,5081596	7,3768983	8,870585	8,789122	8,545256	8,361838	8,47616
0,001025933	0,006529003	8,9471822	down	noncoding	uc001cij.1	2,3977764	2,6538973	2,415766	4,1781344	2,642579	5,6017017	5,917384	6,2785025	5,9494853	6,3482466
0,012991418	0,034390143	3,8984673	down	noncoding	ENST00000507627	3,0506546	3,75263	2,415766	6,4964075	2,642579	5,701412	5,4258213	5,462323	6,880225	4,702791
0,000766797	0,005450935	2,5737596	down	noncoding	uc003mxa.3	6,572551	6,8281794	6,4618506	8,145374	6,0624185	7,839566	7,850342	7,6666055	10,039297	7,4939494
0,028307968	0,061226907	3,1742785	down	noncoding	ENST00000582536	8,346975	9,207394	8,170166	6,331134	6,486538	9,870863	9,3685665	9,318225	9,177942	9,138754
0,011351527	0,031235192	2,0424512	down	noncoding	ENST00000468960	4,028427	4,150623	3,2326674	2,7127793	4,0682425	4,954807	4,587728	4,747531	4,3278165	4,7263646
0,011351527	0,031235192	2,0424512	down	noncoding	ENST00000468960	4,028427	4,150623	3,2326674	2,7127793	4,0682425	4,954807	4,587728	4,747531	4,3278165	4,7263646
0,011351527	0,031235192	2,0424512	down	noncoding	ENST00000468960	4,028427	4,150623	3,2326674	2,7127793	4,0682425	4,954807	4,587728	4,747531	4,3278165	4,7263646
0,00124698	0,007353998	2,6046834	down	noncoding	ENST00000426828	8,921278	9,336111	9,111972	8,474204	8,676184	10,188084	10,196757	10,378818	10,222599	10,439031
0,00230412	0,01087942	2,5810647	down	noncoding	ENST00000423907	5,4620275	5,713444	5,4947305	5,6955843	4,828675	6,894478	6,8470674	6,732591	6,6375914	6,922565
0,003525142	0,014356041	2,3626211	down	noncoding	ENST00000369027	4,1758347	4,3814015	4,502068	2,9790215	4,392376	5,3860745	5,381957	5,343112	4,9836483	5,5378513
3,36352E-05	0,001089288	11,7522532	down	noncoding	NR_001530	2,7645164	3,131404	2,415766	2,3967412	2,642579	6,276577	6,076595	6,2769094	5,929904	6,5653486
3,36352E-05	0,001089288	11,7522532	down	noncoding	NR_001530	2,7645164	3,131404	2,415766	2,3967412	2,642579	6,276577	6,076595	6,2769094	5,929904	6,5653486
0,002913537	0,012690498	10,330323	down	noncoding	ENST00000563217	6,7352014	7,3684464	6,711208	6,812079	4,6542144	11,063167	11,2413435	9,959248	8,223964	8,637494
4,1552E-06	0,000487378	3,4490748	down	noncoding	ENST00000486551	9,684411	9,697248	9,754651	9,897641	9,682655	11,487594	11,421564	11,405134	11,859006	11,474355
0,005587232	0,019318272	6,5945805	down	noncoding	ENST00000414939	3,9283147	4,6409087	4,122946	2,6863365	2,642579	6,0647097	6,0030546	6,486818	6,383017	6,68989
0,001160392	0,007057379	2,3868142	down	noncoding	ENST00000518922	3,3280215	3,5118222	3,2112522	6,347213	2,642579	4,527833	4,822735	4,5130534	7,1043887	4,348309
0,024513406	0,055217744	2,115165	down	noncoding	ENST00000566255	6,1802735	5,8692684	6,0893593	7,3532553	6,0412116	7,6587467	7,5912614	7,239198	7,288176	7,159837
0,019154903	0,046053411	2,4639752	down	noncoding	TCONS_00021760	4,4562984	4,736952	4,0205326	7,021919	4,2057886	5,802793	6,010747	6,3432918	7,1862574	5,60334
0,042972989	0,083752843	2,7750809	down	noncoding	ENST00000579580	4,3512297	3,7421384	4,552542	6,704135	2,642579	5,855147	5,898343	5,393263	6,6870513	5,521469
0,042972989	0,083752843	2,7750809	down	noncoding	ENST00000579580	4,3512297	3,7421384	4,552542	6,704135	2,642579	5,855147	5,898343	5,393263	6,6870513	5,521469
0,010076542	0,028719673	3,4929242	down	noncoding	ENST00000444077	4,3906355	3,3368871	3,8806453	3,9873478	5,725313	6,1399655	5,8239956	6,433962	5,8479905	6,0970917
0,021170366	0,049544807	2,1085657	down	noncoding	TCONS_00015021	3,9223206	4,473473	3,6000917	3,392343	2,642579	4,6654	4,6766686	4,87512	4,5923896	4,602539
0,034862861	0,071699435	2,9378806	down	noncoding	ENST00000424548	3,3835347	3,3645053	4,0013657	6,1504984	3,6237974	5,5319676	5,7517223	5,5462494	5,8020554	5,6655855
0,034862861	0,071699435	2,9378806	down	noncoding	ENST00000424548	3,3835347	3,3645053	4,0013657	6,1504984	3,6237974	5,5319676	5,7517223	5,5462494	5,8020554	5,6655855
0,015677818	0,039750498	4,8860094	down	noncoding	ENST00000554829	3,8258603	3,663064	4,006337	5,855408	2,642579	6,368324	6,172339	6,396106	6,1030602	6,3967023
0,012097456	0,032661364	3,1923613	down	noncoding	ENST00000582727	6,861118	7,3797226	6,88748	5,3531427	6,235335	8,056681	8,024087	8,355503	8,159331	8,494316
9,39072E-08	0,000231309	59,5842448	down	noncoding	ENST00000524012	2,3977764	2,3729734	2,415766	2,3967412	2,642579	8,238875	8,24822	8,518257	8,101105	8,603674
0,001149971	0,007016975	15,6324838	down	noncoding	ENST00000416909	3,441734	3,869703	2,415766	4,619587	2,642579	7,140918	7,229192	7,5775666	7,275331	7,598737
0,001149971	0,007016975	15,6324838	down	noncoding	ENST00000416909	3,441734	3,869703	2,415766	4,619587	2,642579	7,140918	7,229192	7,5775666	7,275331	7,598737
0,002308128	0,010894866	3,5633337	down	noncoding	uc002amj.3	5,967245	6,3353853	5,7545958	6,8533897	5,667873	8,120609	8,170539	8,021754	7,663067	7,7686577
0,002308128	0,010894866	3,5633337	down	noncoding	uc002amj.3	5,967245	6,3353853	5,7545958	6,8533897	5,667873	8,120609	8,170539	8,021754	7,663067	7,7686577
0,002308128	0,010894866	3,5633337	down	noncoding	uc002amj.3	5,967245	6,3353853	5,7545958	6,8533897	5,667873	8,120609	8,170539	8,021754	7,663067	7,7686577
0,00250445	0,011505521	2,6987928	down	noncoding	TCONS_00012068	4,350597	4,628484	4,045409	4,0404043	4,0997524	5,180898	5,6836786	5,888403	5,936283	5,6369553
0,029618563	0,06334772	2,1138261	down	noncoding	ENST00000566967	4,102527	5,321958	4,258854	3,6046844	2,642579	5,1367726	5,4561105	5,099495	4,8436093	4,7938986
0,047488665	0,090268165	2,054667	down	noncoding	TCONS_00020497	5,4477873	5,7368727	5,6828732	7,9047356	4,974743	6,9567223	7,1594486	6,840328	7,4967384	6,4882975
0,008695089	0,025904931	2,7805981	down	noncoding	uc011cgn.1	4,7195206	4,6699405	4,3228674	3,7332227	2,642579	5,7951193	5,995941	5,778116	4,612722	5,283208
0,017859573	0,043656406	2,4709179	down	noncoding	ENST00000526721	4,68561	4,2605743	4,5167003	6,181873	4,5802865	6,0845323	5,96228	6,2308426	6,163638	6,3089867
0,006090565	0,020541409	2,2115708	down	noncoding	ENST00000433310	4,75917	5,1517673	4,2839956	3,5886414	4,351729	5,560361	5,6343927	5,6073623	5,180571	5,8779736
4,82079E-06	0,000510685	2,6196324	down	noncoding	NR_045207	15,357226	15,424265	15,386766	15,3264	15,229417	16,769876	16,73414	16,778261	16,627949	16,76067
4,82079E-06	0,000510685	2,6196324	down	noncoding	NR_045207	15,357226	15,424265	15,386766	15,3264	15,229417	16,769876	16,73414	16,778261	16,627949	16,76067
4,82079E-06	0,000510685	2,6196324	down	noncoding	NR_045207	15,357226	15,424265	15,386766	15,3264	15,229417	16,769876	16,73414	16,778261	16,627949	16,76067
4,82079E-06	0,000510685	2,6196324	down	noncoding	NR_045207	15,357226	15,424265	15,386766	15,3264	15,229417	16,769876	16,73414	16,778261	16,627949	16,76067
4,82079E-06	0,000510685	2,6196324	down	noncoding	NR_045207	15,357226	15,424265	15,386766	15,3264	15,229417	16,769876	16,73414	16,778261	16,627949	16,76067
4,82079E-06	0,000510685	2,6196324	down	noncoding	NR_045207	15,357226	15,424265	15,386766	15,3264	15,229417	16,769876	16,73414	16,778261	16,627949	16,76067
4,82079E-06	0,000510685	2,6196324	down	noncoding	NR_045207	15,357226	15,424265	15,386766	15,3264	15,229417	16,769876	16,73414	16,778261	16,627949	16,76067
4,82079E-06	0,000510685	2,6196324	down	noncoding	NR_045207	15,357226	15,424265	15,386766	15,3264	15,229417	16,769876	16,73414	16,778261	16,627949	16,76067
4,82079E-06	0,000510685	2,6196324	down	noncoding	NR_045207	15,357226	15,424265	15,386766	15,3264	15,229417	16,769876	16,73414	16,778261	16,627949	16,76067
0,000734748	0,005301739	2,4416419	down	noncoding	TCONS_00027380	7,721572	8,339854	7,8213763	6,9050617	7,147202	9,115763	9,192776	8,908249	8,459583	8,697953
0,001120432	0,006902402	4,353218	down	noncoding	TCONS_00025634	3,361974	3,9881465	3,7366397	3,6441371	2,642579	5,708565	5,723263	5,53626	5,350053	5,6657467
0,009085897	0,026695919	2,8039508	down	noncoding	NR_027169	7,6714654	8,181668	7,684728	6,5195866	7,0755167	8,816334	8,753767	9,022103	8,768243	9,209823
0,009085897	0,026695919	2,8039508	down	noncoding	NR_027169	7,6714654	8,181668	7,684728	6,5195866	7,0755167	8,816334	8,753767	9,022103	8,768243	9,209823
0,000906802	0,006053126	2,293365	down	noncoding	NR_034035	11,168779	11,389236	11,193068	10,795514	11,088882	12,204225	12,179197	12,438858	12,389793	12,410736
0,000906802	0,006053126	2,293365	down	noncoding	NR_034035	11,168779	11,389236	11,193068	10,795514	11,088882	12,204225	12,179197	12,438858	12,389793	12,410736
0,000906802	0,006053126	2,293365	down	noncoding	NR_034035	11,168779	11,389236	11,193068	10,795514	11,088882	12,204225	12,179197	12,438858	12,389793	12,410736
0,000906802	0,006053126	2,293365	down	noncoding	NR_034035	11,168779	11,389236	11,193068	10,795514	11,088882	12,204225	12,179197	12,438858	12,389793	12,410736
0,000906802	0,006053126	2,293365	down	noncoding	NR_034035	11,168779	11,389236	11,193068	10,795514	11,088882	12,204225	12,179197	12,438858	12,389793	12,410736
0,000906802	0,006053126	2,293365	down	noncoding	NR_034035	11,168779	11,389236	11,193068	10,795514	11,088882	12,204225	12,179197	12,438858	12,389793	12,410736
0,000218661	0,002724778	2,4344914	down	noncoding	AK098597	8,071884	8,337229	8,121235	7,969032	7,774042	9,351195	9,314342	9,449426	9,196541	9,38002
8,7061E-05	0,001660225	2,0674605	down	noncoding	TCONS_00022121	5,9757447	5,9946375	6,138137	6,176755	6,1551886	7,195549	7,133832	6,972554	7,202812	7,1750145
0,002229829	0,010609995	2,0449127	down	noncoding	TCONS_00008353	4,7785997	4,476107	4,741205	4,4694266	4,381668	5,4937344	5,6844945	5,6495066	5,27518	5,904287
2,87645E-05	0,001030197	2,3577519	down	noncoding	ENST00000508743	10,9701185	11,054678	10,985779	10,850636	10,961672	12,149458	12,134399	12,182118	12,264614	12,279354
2,87645E-05	0,001030197	2,3577519	down	noncoding	ENST00000508743	10,9701185	11,054678	10,985779	10,850636	10,961672	12,149458	12,134399	12,182118	12,264614	12,279354
2,87645E-05	0,001030197	2,3577519	down	noncoding	ENST00000508743	10,9701185	11,054678	10,985779	10,850636	10,961672	12,149458	12,134399	12,182118	12,264614	12,279354
0,010568919	0,029684968	2,0043238	down	noncoding	uc002ped.1	6,1088295	5,8067684	6,055871	9,175926	5,99412	7,217366	7,3753676	7,3023524	9,428488	6,833519
0,036324184	0,073923865	5,6393269	down	noncoding	ENST00000432377	5,2788363	5,018594	5,1770296	8,694189	5,1681147	8,32681	8,251869	8,56331	7,9821525	8,690237
0,00340977	0,014014545	4,4644326	down	noncoding	TCONS_00008872	3,637453	4,6253777	4,404972	3,6491473	2,642579	5,9182663	5,828796	6,4534326	5,561984	5,9894342
6,95188E-05	0,00150984	2,7990041	down	noncoding	ENST00000461843	5,1814585	5,2927237	5,245807	5,122811	5,2627616	6,539743	6,5194	6,872608	6,630579	6,9677997

6,95188E-05	0,00150984	2,7990041	down	noncoding	ENST00000461843	5,1814585	5,2927237	5,245807	5,122811	5,2627616	6,539743	6,5194	6,872608	6,630579	6,9677997
6,95188E-05	0,00150984	2,7990041	down	noncoding	ENST00000461843	5,1814585	5,2927237	5,245807	5,122811	5,2627616	6,539743	6,5194	6,872608	6,630579	6,9677997
6,95188E-05	0,00150984	2,7990041	down	noncoding	ENST00000461843	5,1814585	5,2927237	5,245807	5,122811	5,2627616	6,539743	6,5194	6,872608	6,630579	6,9677997
0,002070866	0,010102603	3,0888511	down	noncoding	uc003zfx.3	6,4370403	7,0497494	6,531992	5,7176027	5,596659	7,9813027	7,9409494	8,093364	7,558255	7,894524
0,008366195	0,025262912	42,0812968	down	noncoding	ENST00000508884	3,961729	4,8861384	3,9905493	9,057142	2,642579	10,16002	10,134031	10,426142	10,317289	10,476192
0,008366195	0,025262912	42,0812968	down	noncoding	ENST00000508884	3,961729	4,8861384	3,9905493	9,057142	2,642579	10,16002	10,134031	10,426142	10,317289	10,476192
0,040443057	0,080207721	2,4351644	down	noncoding	ENST00000436765	4,373419	5,0508246	4,3696513	4,727234	2,642579	5,1562357	5,468181	5,3955383	6,0167994	5,5470495
0,002947979	0,012765361	8,5728997	down	noncoding	uc001cqo.1	3,6584117	4,7985587	4,0858107	2,3967412	2,642579	6,4774303	6,5280523	6,66507	6,50452	6,905945
0,020709891	0,048807143	2,2078858	down	noncoding	ENST00000420180	4,821441	4,697938	5,218667	6,964714	5,454918	6,7027745	6,5698185	6,1262617	7,428359	6,0437922
2,58483E-06	0,000438225	14,7668207	down	noncoding	ENST00000448247	2,7455883	2,3729734	3,0581272	2,3967412	2,642579	6,413911	6,445548	6,6759105	6,395684	6,7063923
0,001409828	0,007926992	7,0625434	down	noncoding	ENST00000479887	7,3503065	8,0190525	7,434395	6,2134686	6,4260683	9,872401	9,770083	10,020682	9,851289	10,029775
0,016034976	0,040412842	2,2160084	down	noncoding	ENST00000432502	5,781141	6,0115266	5,9507318	4,569039	4,974597	6,601196	6,440974	6,8131437	6,22643	6,9451084
0,009160662	0,026846208	2,9890077	down	noncoding	ENST00000521122	4,018752	3,9598916	4,0257144	3,771009	2,642579	5,0468745	5,155267	5,483237	5,101154	5,5297465
1,60015E-05	0,000807902	2,7737399	down	noncoding	ENST00000582787	8,4346485	8,707441	8,513542	8,420408	8,492604	9,969152	9,97662	10,120145	9,831726	10,030163
0,007357778	0,023141645	2,5528812	down	noncoding	TCONS_00028190	3,7986815	3,974505	4,353879	4,471485	2,642579	5,150226	4,961992	5,0099792	5,988609	4,8909554
0,000573539	0,004591973	2,9574076	down	noncoding	NR_026562	10,4736595	10,694747	10,530971	9,901124	10,21043	11,876816	11,791037	12,032426	11,866718	12,0656
0,000573539	0,004591973	2,9574076	down	noncoding	NR_026562	10,4736595	10,694747	10,530971	9,901124	10,21043	11,876816	11,791037	12,032426	11,866718	12,0656
0,000573539	0,004591973	2,9574076	down	noncoding	NR_026562	10,4736595	10,694747	10,530971	9,901124	10,21043	11,876816	11,791037	12,032426	11,866718	12,0656
0,000573539	0,004591973	2,9574076	down	noncoding	NR_026562	10,4736595	10,694747	10,530971	9,901124	10,21043	11,876816	11,791037	12,032426	11,866718	12,0656
0,000573539	0,004591973	2,9574076	down	noncoding	NR_026562	10,4736595	10,694747	10,530971	9,901124	10,21043	11,876816	11,791037	12,032426	11,866718	12,0656
0,000573539	0,004591973	2,9574076	down	noncoding	NR_026562	10,4736595	10,694747	10,530971	9,901124	10,21043	11,876816	11,791037	12,032426	11,866718	12,0656
0,000465795	0,004080358	3,002661	down	noncoding	ENST00000391394	8,918297	9,388361	8,991137	8,583117	8,55115	10,410858	10,473114	10,565836	10,394196	10,519266
0,001767108	0,009077926	2,6572571	down	noncoding	ENST00000578757	7,1337094	7,4681644	7,162556	6,255023	6,617978	8,345058	8,354878	8,416934	8,078833	8,491417
0,000133955	0,00212572	4,2520853	down	noncoding	TCONS_00024658	4,27422	4,0728545	4,1429462	3,5370035	3,785107	5,9245167	6,1245375	6,075403	5,9025187	6,226008
0,000448025	0,003991181	11,7232266	down	noncoding	ENST00000422010	2,3977764	2,3729734	2,415766	2,3967412	2,642579	6,4635396	6,791199	6,121649	5,0696774	5,53626
0,000667168	0,005005747	6,5133234	down	noncoding	ENST00000549388	5,1790843	5,0198073	4,882255	5,919267	4,690547	7,61989	7,7887726	8,025555	7,6946683	8,079044
0,004785677	0,017454965	2,4870538	down	noncoding	NR_038893	4,4493256	4,4338584	4,7623754	6,1207056	3,8116477	5,8163276	5,7948756	5,9748397	6,708148	5,8559103
2,4262E-05	0,000957524	18,7174999	down	noncoding	ENST00000437047	2,3977764	2,8035884	3,0218744	2,7164164	2,642579	6,8149796	6,6647096	6,942671	6,76735	7,5241036
0,002800772	0,012341265	14,4848279	down	noncoding	ENST00000584833	7,2605405	8,168658	7,322126	4,9800906	5,7739167	10,499493	10,472733	10,6329975	10,4647665	10,717695
0,000291892	0,003203566	2,242287	down	noncoding	ENST00000565049	7,4613633	7,6130247	7,469566	7,300901	7,3229923	8,498706	8,513714	8,624255	8,551427	8,8046
2,08823E-05	0,000889494	2,1179363	down	noncoding	uc001lxw.4	9,351477	9,276069	9,441684	9,369701	9,5379	10,50805	10,490427	10,41609	10,452375	10,523185
0,000214601	0,002695756	2,7475825	down	noncoding	ENST00000570408	3,7996259	4,203101	3,788477	3,6213913	4,070951	5,2427907	5,2595196	5,5341644	5,2026606	5,535225
0,005534594	0,019212057	2,1215092	down	noncoding	ENST00000425301	5,851631	5,5826316	6,0196486	6,83016	5,7601814	6,948074	7,239353	7,1359777	7,2349415	6,911361
0,003340224	0,013823905	2,2745906	down	noncoding	TCONS_00007951	4,3782954	4,0496316	3,8661644	5,227216	4,5265603	5,2073536	5,1382265	5,567791	6,778332	5,284199
4,76708E-05	0,001265343	2,7169336	down	noncoding	ENST00000564152	9,6800785	9,902105	9,719486	9,977733	9,579328	11,13665	11,139595	11,276564	11,283537	11,232281
4,3759E-05	0,001213344	4,3064145	down	noncoding	TCONS_00014251	5,2053013	5,035515	4,972484	5,4627147	5,329255	7,421694	7,345271	7,2786083	7,2203274	7,2718053
0,001276634	0,007459457	2,3649577	down	noncoding	ENST00000485827	12,807907	13,238318	12,85772	12,785988	12,27461	14,099747	14,064587	14,013954	13,946321	14,049006
7,54872E-05	0,001571304	9,0450012	down	noncoding	ENST00000559821	2,3977764	2,5503294	2,415766	2,3967412	3,7306376	5,724176	5,7152658	5,893553	5,862911	6,1809483
0,021300514	0,049739343	2,8764989	down	noncoding	ENST00000517725	7,4215364	7,4289255	7,573321	10,344069	7,582343	9,518104	9,532976	9,4135685	10,239889	9,267227
0,003115574	0,013258009	4,0855512	down	noncoding	ENST00000424068	3,3106508	3,6651192	2,9777546	4,3173323	2,642579	5,2415295	4,919857	5,608096	5,7704873	5,5261197
0,003131868	0,01330436	2,130703	down	noncoding	NR_026985	6,4944544	6,914012	6,4777155	6,5499578	5,8094096	7,593722	7,6428776	7,538979	7,3962708	7,5303473
0,003131868	0,01330436	2,130703	down	noncoding	NR_026985	6,4944544	6,914012	6,4777155	6,5499578	5,8094096	7,593722	7,6428776	7,538979	7,3962708	7,5303473
0,015945483	0,040261337	3,3398442	down	noncoding	uc.95-	4,436186	5,320782	4,9204764	4,276209	2,642579	6,286695	6,3590097	5,9673595	5,670695	6,0113773
5,1996E-05	0,001336433	3,3686393	down	noncoding	ENST00000449830	4,676163	4,9886246	4,736952	4,4471264	5,0241356	6,570191	6,406088	6,677673	6,287551	6,6923285
5,1996E-05	0,001336433	3,3686393	down	noncoding	ENST00000449830	4,676163	4,9886246	4,736952	4,4471264	5,0241356	6,570191	6,406088	6,677673	6,287551	6,6923285
0,001929251	0,009641896	2,4831626	down	noncoding	ENST00000454517	5,642378	5,465187	5,4716935	4,3992524	5,371628	6,438107	6,5988727	6,728034	6,2779055	6,8681135
0,002396698	0,011187872	2,028966	down	noncoding	ENST00000457936	9,947237	10,294349	10,009922	9,619759	9,575232	10,832688	10,862732	10,989163	10,8467655	11,018874
0,039043582	0,078065766	3,1147291	down	noncoding	ENST00000504735	2,9411185	4,118919	3,2049584	6,4422565	2,642579	5,8762317	5,8347764	4,996093	6,0925307	4,745733
0,003321693	0,013770352	2,873528	down	noncoding	ENST00000568835	10,840301	11,330883	11,031114	9,850726	10,108766	12,275985	12,2237425	12,16261	11,851478	12,26209
0,000497568	0,004240807	10,9634127	down	noncoding	uc002zob.1	4,051141	3,2315588	2,779965	3,6537955	4,5566154	6,915261	7,0686755	7,3681874	6,774287	7,41979
1,29363E-05	0,000724188	32,0370339	down	noncoding	ENST00000440931	4,5035086	4,047825	3,6351914	4,6608615	4,4588566	9,1438875	9,148285	9,270355	9,224196	9,527863
0,036533682	0,074235363	3,3551506	down	noncoding	TCONS_00007944	4,9753723	5,584581	4,9879837	4,582671	2,642579	6,137239	6,179886	6,5347404	6,1124525	6,5407567
0,000530615	0,00438871	2,1664243	down	noncoding	ENST00000447478	5,851053	5,8098664	5,477319	6,7961717	5,5077834	6,9631658	6,8340387	6,8689094	7,5556483	6,7970104
0,004646097	0,01709352	2,3244591	down	noncoding	uc004epb.3	6,2486362	6,9592586	6,272926	5,912709	5,479777	7,454369	7,572211	7,539451	6,976153	7,415598
0,004646097	0,01709352	2,3244591	down	noncoding	uc004epb.3	6,2486362	6,9592586	6,272926	5,912709	5,479777	7,454369	7,572211	7,539451	6,976153	7,415598
0,004646097	0,01709352	2,3244591	down	noncoding	uc004epb.3	6,2486362	6,9592586	6,272926	5,912709	5,479777	7,454369	7,572211	7,539451	6,976153	7,415598
0,004646097	0,01709352	2,3244591	down	noncoding	uc004epb.3	6,2486362	6,9592586	6,272926	5,912709	5,479777	7,454369	7,572211	7,539451	6,976153	7,415598
0,004646097	0,01709352	2,3244591	down	noncoding	uc004epb.3	6,2486362	6,9592586	6,272926	5,912709	5,479777	7,454369	7,572211	7,539451	6,976153	7,415598
0,004646097	0,01709352	2,3244591	down	noncoding	uc004epb.3	6,2486362	6,9592586	6,272926	5,912709	5,479777	7,454369	7,572211	7,539451	6,976153	7,415598
4,13249E-05	0,001197843	3,1928293	down	noncoding	NR_027120	3,9462287	3,2983358	3,5967286	4,4824996	3,7501478	5,5037594	5,2708464	5,1930075	5,9745073	5,505997
7,02494E-05	0,001520081	2,1265076	down	noncoding	ENST00000546566	8,043243	8,11276	8,052792	8,622807	8,08956	9,186488	9,218684	9,203225	9,462729	9,292466
7,02494E-05	0,001520081	2,1265076	down	noncoding	ENST00000546566	8,043243	8,11276	8,052792	8,622807	8,08956	9,186488	9,218684	9,203225	9,462729	9,292466
0,028367327	0,061301465	2,1844899	down	noncoding	TCONS_00016752	2,6922197	3,2437289	2,7649887	5,9290414	2,642579	4,132073	4,5189805	4,2822876	5,7307787	4,24492
0,000208141	0,002642717	2,6763451	down	noncoding	TCONS_00028307	3,9640396	3,727371	3,8431628	6,969669	3,7260246	5,1604877	5,5340576	5,3597674	8,252063	5,025212
0,003924875	0,015313023	4,7604317	down	noncoding	ENST00000555909	2,3977764	2,6347759	2,415766	4,141586	2,642579	4,566314	4,8206167	5,5527277	5,0845675	5,4637194
0,000198613	0,002576123	2,3656464	down	noncoding	ENST00000439104	3,8689783	4,150322	3,9447865	3,9149613	3,7430644	4,8301287	5,2486734	5,2179327	5,3172817	5,2192683
0,000198613	0,002576123	2,3656464	down	noncoding	ENST00000439104	3,8689783	4,150322	3,9447865	3,9149613	3,7430644	4,8301287	5,2486734	5,2179327	5,3172817	5,2192683
0,028396126	0,06132783	2,82949	down	noncoding	ENST00000564527	3,5223951	4,2945223	3,3610916	3,8115351	2,642579	5,027362	4,8474703	5,345703	4,3670125	5,5472856
0,028396126	0,06132783	2,82949	down	noncoding	ENST00000564527	3,5223951	4,2945223	3,3610916	3,8115351	2,642579	5,027362	4,8474703	5,345703	4,3670125	5,5472856
0,028396126	0,06132783	2,82949	down	noncoding	ENST00000564527	3,5223951	4,2945223	3,3610916	3,8115351	2,642579	5,027362	4,8474703	5,345703	4,3670125	5,5472856
0,028396126	0,06132783	2,82949	down	noncoding	ENST00000564527	3,5223951	4,2945223	3,3610916	3,8115351	2,642579	5,027362	4,8474703	5,345703	4,3670125	5,5472856
0,028396126	0,06132783	2,82949	down	noncoding	ENST00000564527	3,5223951	4,2945223	3,3610916	3,8115351	2,642579	5,027362	4,8474703	5,345703	4,3670125	5,5472856

0,028396126	0,06132783	2,82949	down	noncoding	ENST00000564527	3,5223951	4,2945223	3,3610916	3,8115351	2,642579	5,027362	4,8474703	5,345703	4,3670125	5,5472856
0,028396126	0,06132783	2,82949	down	noncoding	ENST00000564527	3,5223951	4,2945223	3,3610916	3,8115351	2,642579	5,027362	4,8474703	5,345703	4,3670125	5,5472856
0,004312934	0,016294218	2,1038519	down	noncoding	ENST00000436039	5,257412	5,2835073	5,0077043	7,5343065	5,066813	6,489818	6,574308	6,313748	7,875491	6,2615438
0,004312934	0,016294218	2,1038519	down	noncoding	ENST00000436039	5,257412	5,2835073	5,0077043	7,5343065	5,066813	6,489818	6,574308	6,313748	7,875491	6,2615438
3,30679E-05	0,001088441	3,6353283	down	noncoding	uc001abp.1	4,776662	4,7582974	4,7278676	4,623022	4,9809074	6,462787	6,6278844	6,912884	6,316082	6,8575473
0,000185876	0,002488143	2,0121143	down	noncoding	NR_027136	6,46333	6,2833962	6,1956534	5,8679166	6,310209	7,3167067	7,15846	7,1862574	7,1440444	7,358598
0,001783087	0,009131473	3,4566446	down	noncoding	uc021vix.1	5,1602416	5,616325	5,1838417	4,1932516	4,5158653	6,6913075	6,7463307	6,770829	6,5180798	6,8898396
0,001783087	0,009131473	3,4566446	down	noncoding	uc021vix.1	5,1602416	5,616325	5,1838417	4,1932516	4,5158653	6,6913075	6,7463307	6,770829	6,5180798	6,8898396
0,001783087	0,009131473	3,4566446	down	noncoding	uc021vix.1	5,1602416	5,616325	5,1838417	4,1932516	4,5158653	6,6913075	6,7463307	6,770829	6,5180798	6,8898396
0,025098633	0,056150877	2,0033911	down	noncoding	ENST00000457803	4,4364896	3,5029118	3,4724746	2,3967412	3,7521338	4,657814	4,549333	4,4916735	4,382762	4,491389
0,003279971	0,013682494	2,183151	down	noncoding	ENST00000529570	4,689717	4,7838407	4,8425813	3,5921931	4,9248953	5,849102	5,64809	5,8337045	5,395107	5,7392836
0,003279971	0,013682494	2,183151	down	noncoding	ENST00000529570	4,689717	4,7838407	4,8425813	3,5921931	4,9248953	5,849102	5,64809	5,8337045	5,395107	5,7392836
0,003279971	0,013682494	2,183151	down	noncoding	ENST00000529570	4,689717	4,7838407	4,8425813	3,5921931	4,9248953	5,849102	5,64809	5,8337045	5,395107	5,7392836
0,004311673	0,016294218	2,0852021	down	noncoding	ENST00000455709	5,0829964	5,5030355	5,126982	5,771768	4,8337417	6,2579565	6,1760125	6,4540668	6,372695	6,358729
0,004311673	0,016294218	2,0852021	down	noncoding	ENST00000455709	5,0829964	5,5030355	5,126982	5,771768	4,8337417	6,2579565	6,1760125	6,4540668	6,372695	6,358729
0,004311673	0,016294218	2,0852021	down	noncoding	ENST00000455709	5,0829964	5,5030355	5,126982	5,771768	4,8337417	6,2579565	6,1760125	6,4540668	6,372695	6,358729
0,00104365	0,00659839	2,5969792	down	noncoding	ENST00000435968	3,585795	4,2262383	4,018157	4,1733017	3,9108596	5,3994093	5,4119897	5,527897	5,039651	5,419577
6,933E-08	0,000204926	4,202211	down	noncoding	ENST00000440850	11,793068	11,744768	11,851478	11,792466	11,933799	13,859469	13,755179	13,896411	13,891827	14,068436
0,009550525	0,027621117	2,1530258	down	noncoding	AA584040	3,2953594	3,7510557	3,8522582	4,200342	3,8732543	5,115358	4,9389215	4,9713693	5,278461	4,199988
0,019578709	0,046795975	2,3669558	down	noncoding	chr1:38888750-389(	4,7834387	4,265597	4,5688424	6,0225015	5,0774684	6,311846	5,980033	6,2147827	5,9666357	6,4597144
0,026144579	0,057730968	2,0959139	down	noncoding	ENST00000568932	4,0471897	4,8880715	4,040546	2,8555596	3,7537272	4,931246	4,910043	5,1344085	4,709247	5,2380466
0,002220324	0,010585579	4,2539045	down	noncoding	ENST00000532098	4,8577614	5,479596	4,52395	4,1520762	4,136376	6,5728374	6,605233	6,8531504	6,6063304	6,9561467
0,000313938	0,003330722	5,418313	down	noncoding	ENST00000424493	7,2534227	7,5694146	7,2502112	7,42331	6,6146603	9,5282345	9,569883	9,85678	9,556675	9,788665
3,41677E-08	0,000168321	2,2991854	down	noncoding	uc001odz.3	13,626667	13,525069	13,721429	13,621494	13,835993	14,83025	14,757304	14,889769	14,83025	15,028693
0,018309212	0,044483288	2,5997678	down	noncoding	uc002nrh.1	3,9304035	4,4797535	3,9237826	2,3967412	2,642579	4,892377	4,806402	5,1906853	4,6757894	4,69992
0,001688313	0,008813697	4,6297224	down	noncoding	ENST00000416105	2,9939756	3,7471976	2,415766	2,3967412	2,642579	4,9032545	4,9809074	5,3644404	4,8755536	5,126732
0,041223393	0,08139486	2,2076464	down	noncoding	ENST00000415979	3,018161	3,3824368	2,8296375	6,6140165	2,642579	4,482685	4,8002815	4,4681225	6,2248974	4,22339
0,000639082	0,004880245	2,0718584	down	noncoding	TCONS_00023350	5,2782865	5,6330943	5,117649	8,21514	5,4268603	6,5602646	6,5904913	6,451795	9,106729	6,2163773
0,001200575	0,007195171	2,6487177	down	noncoding	ENST00000566734	8,644929	8,9505825	8,668794	9,530495	8,389406	10,117027	10,174411	10,237131	10,401156	10,280952
0,031415395	0,066298461	2,6124107	down	noncoding	ENST00000451257	4,0020804	4,146203	3,9579885	5,753113	2,642579	5,2317924	5,26995	5,3657722	6,0195165	5,5418415
0,000183472	0,002474025	3,2366718	down	noncoding	ENST00000450589	11,541298	11,975523	11,611348	11,815947	11,162862	13,372946	13,338054	13,3044405	13,312584	13,251509
0,000183472	0,002474025	3,2366718	down	noncoding	ENST00000450589	11,541298	11,975523	11,611348	11,815947	11,162862	13,372946	13,338054	13,3044405	13,312584	13,251509
0,008416555	0,025369827	2,233856	down	noncoding	ENST00000577309	5,862091	6,0383077	5,856553	5,9086185	4,941028	6,784534	6,7876916	6,747229	7,060996	7,0238285
0,000676886	0,005042188	3,241728	down	noncoding	TCONS_00012660	6,8681135	7,019638	6,871152	6,9869013	6,260116	8,644929	8,525406	8,390261	8,319104	8,610036
0,001682622	0,008798145	6,4089623	down	noncoding	NR_046437	3,3643017	3,0747788	2,415766	4,2786126	2,642579	5,7006283	5,9776926	5,9180174	5,7543707	5,825783
0,00107858	0,006717375	3,0714971	down	noncoding	TCONS_00019285	4,9821315	4,7998695	5,2142754	6,4694295	4,9140697	6,965422	6,749722	6,6096554	7,4450307	6,7046556
8,05755E-05	0,001607053	3,3123162	down	noncoding	ENST00000512128	5,834506	6,0020375	5,7014904	5,7104273	5,8058558	7,4974475	7,429574	7,6576805	7,325574	7,783243
0,000233903	0,002821923	10,4429401	down	noncoding	ENST00000451118	3,5302417	3,6514144	3,9414492	2,6433272	2,642579	6,70444	6,5547347	6,7501664	6,5020666	6,819884
0,012049971	0,03256886	2,4862315	down	noncoding	ENST00000433324	5,406325	5,305105	5,10208	6,7590165	5,753943	6,9949813	6,8474603	6,971899	6,903939	7,177993
0,005535215	0,019212057	2,1881875	down	noncoding	ENST00000536560	6,306968	6,434611	5,8900566	5,4708147	5,6254735	7,056998	7,023709	7,0180445	7,0497494	7,2281046
0,001773457	0,009106994	2,2751074	down	noncoding	ENST00000566114	5,46078	5,322599	5,0113506	5,035515	4,766424	6,329731	6,103933	6,397032	6,29181	6,403836
2,03057E-05	0,000887347	2,2204049	down	noncoding	NR_027683	9,494749	9,620784	9,573721	9,433631	9,463457	10,59061	10,627801	10,704996	10,717221	10,699828
2,03057E-05	0,000887347	2,2204049	down	noncoding	NR_027683	9,494749	9,620784	9,573721	9,433631	9,463457	10,59061	10,627801	10,704996	10,717221	10,699828
2,03057E-05	0,000887347	2,2204049	down	noncoding	NR_027683	9,494749	9,620784	9,573721	9,433631	9,463457	10,59061	10,627801	10,704996	10,717221	10,699828
2,03057E-05	0,000887347	2,2204049	down	noncoding	NR_027683	9,494749	9,620784	9,573721	9,433631	9,463457	10,59061	10,627801	10,704996	10,717221	10,699828
2,03057E-05	0,000887347	2,2204049	down	noncoding	NR_027683	9,494749	9,620784	9,573721	9,433631	9,463457	10,59061	10,627801	10,704996	10,717221	10,699828
2,03057E-05	0,000887347	2,2204049	down	noncoding	NR_027683	9,494749	9,620784	9,573721	9,433631	9,463457	10,59061	10,627801	10,704996	10,717221	10,699828
2,03057E-05	0,000887347	2,2204049	down	noncoding	NR_027683	9,494749	9,620784	9,573721	9,433631	9,463457	10,59061	10,627801	10,704996	10,717221	10,699828
0,010390917	0,029357482	76,1909321	down	noncoding	ENST00000504509	2,887189	4,687519	2,415766	9,718151	2,642579	10,564934	10,530357	10,742162	10,789502	10,981986
0,016272391	0,040877979	4,357585	down	noncoding	NR_047572	3,6124413	4,8141365	3,6017036	4,741205	2,642579	5,935734	5,7765875	6,105658	5,747143	6,464587
7,95804E-05	0,001600734	3,162711	down	noncoding	NR_027682	8,254614	8,276192	8,174779	7,730413	7,8758664	9,704805	9,727489	9,825006	9,503593	9,85678
7,95804E-05	0,001600734	3,162711	down	noncoding	NR_027682	8,254614	8,276192	8,174779	7,730413	7,8758664	9,704805	9,727489	9,825006	9,503593	9,85678
7,95804E-05	0,001600734	3,162711	down	noncoding	NR_027682	8,254614	8,276192	8,174779	7,730413	7,8758664	9,704805	9,727489	9,825006	9,503593	9,85678
7,95804E-05	0,001600734	3,162711	down	noncoding	NR_027682	8,254614	8,276192	8,174779	7,730413	7,8758664	9,704805	9,727489	9,825006	9,503593	9,85678
7,95804E-05	0,001600734	3,162711	down	noncoding	NR_027682	8,254614	8,276192	8,174779	7,730413	7,8758664	9,704805	9,727489	9,825006	9,503593	9,85678
7,95804E-05	0,001600734	3,162711	down	noncoding	NR_027682	8,254614	8,276192	8,174779	7,730413	7,8758664	9,704805	9,727489	9,825006	9,503593	9,85678
0,015090999	0,038539808	2,3027459	down	noncoding	ENST00000477249	6,2963724	6,559944	6,3082247	4,8200855	5,3766627	7,127218	7,0310493	7,22298	6,791927	7,204891
0,001982197	0,009825287	3,8981307	down	noncoding	NR_047520	3,7843542	3,9156568	3,7100887	3,3255544	2,642579	5,4698195	5,2693624	5,464727	5,388321	5,5999155
0,047580987	0,090385527	4,2058484	down	noncoding	ENST00000425727	5,845376	6,4132233	6,020949	8,80184	4,58151	8,6556635	8,809718	8,531039	8,027166	8,001296
0,001783516	0,009131473	2,8435146	down	noncoding	ENST00000565936	2,3977764	2,897132	2,415766	6,364419	2,642579	4,3507113	4,173629	4,418636	7,313839	3,9992332
0,013632543	0,035671981	2,2548148	down	noncoding	ENST00000432395	5,813555	6,0704956	5,9027658	4,3634157	4,745867	6,5161657	6,741719	6,6863103	6,2618356	6,5551133
0,000198887	0,002576123	16,6879429	down	noncoding	TCONS_00005098	2,3977764	2,970449	2,415766	3,0679557	4,3189535	7,064088	7,2108297	6,891169	7,096646	7,211839
4,43336E-05	0,001213344	6,2493511	down	noncoding	TCONS_00019318	8,774889	8,965077	8,634247	8,76905	8,658798	11,377463	11,160971	11,180807	11,70922	11,592132
1,32342E-05	0,000738067	2,0174136	down	noncoding	BX088953	6,5335565	6,6294484	6,685684	6,56336	6,646711	7,6136827	7,69216	7,5475945	7,604358	7,663499
0,001211072	0,007231688	2,2057337	down	noncoding	ENST00000344693	9,000233	9,493126	9,109018	8,595833	8,263366	10,144114	10,225507	10,168273	9,762924	9,867051
0,033089763	0,068916799	2,4402812	down	noncoding	uc002blm.3	8,331174	9,095686	8,476765	6,9918857	6,9821343	9,29906	9,306359	9,315432	8,993521	9,39851
0,005317627	0,018752873	10,3024275	down	noncoding	NR_024417	4,0445495	4,1935415	2,9547555	5,4323587	2,642579	7,2604113	7,081985	7,331389	6,8533897	7,5651712
1,09383E-05	0,000685932	2,4669521	down	noncoding	ENST00000560727	5,5941153	5,497781	5,2086253	5,145814	5,338227	6,7637286	6,734995	6,5835533	6,4382143	6,77772
1,09383E-05	0,000685932	2,4669521	down	noncoding	ENST00000560727	5,5941153	5,497781	5,2086253	5,145814	5,338227	6,7637286	6,734995	6,5835533	6,4382143	6,77772
1,09383E-05	0,000685932	2,4669521	down	noncoding	ENST00000560727	5,5941153	5,497781	5,2086253	5,145814	5,338227	6,7637286	6,734995	6,5835533	6,4382143	6,77772
0,00482436	0,017561382	2,0255268	down	noncoding	uc010dtl.1	5,732399	5,598542	5,459151	6,320761	6,2653995	6,846022	6,8539295	6,9704113	6,92868	6,8686957

0,00482436	0,017561382	2,0255268	down	noncoding	uc010dtl.1	5,732399	5,598542	5,459151	6,320761	6,2653995	6,846022	6,8539295	6,9704113	6,92868	6,8686957
0,00482436	0,017561382	2,0255268	down	noncoding	uc010dtl.1	5,732399	5,598542	5,459151	6,320761	6,2653995	6,846022	6,8539295	6,9704113	6,92868	6,8686957
0,007632896	0,023669026	2,0518078	down	noncoding	ENST00000456450	12,629018	12,652082	12,714923	13,8012	12,571693	14,013954	13,935356	13,758297	14,034197	13,81159
0,007632896	0,023669026	2,0518078	down	noncoding	ENST00000456450	12,629018	12,652082	12,714923	13,8012	12,571693	14,013954	13,935356	13,758297	14,034197	13,81159
0,007632896	0,023669026	2,0518078	down	noncoding	ENST00000456450	12,629018	12,652082	12,714923	13,8012	12,571693	14,013954	13,935356	13,758297	14,034197	13,81159
0,007632896	0,023669026	2,0518078	down	noncoding	ENST00000456450	12,629018	12,652082	12,714923	13,8012	12,571693	14,013954	13,935356	13,758297	14,034197	13,81159
0,007632896	0,023669026	2,0518078	down	noncoding	ENST00000456450	12,629018	12,652082	12,714923	13,8012	12,571693	14,013954	13,935356	13,758297	14,034197	13,81159
0,007632896	0,023669026	2,0518078	down	noncoding	ENST00000456450	12,629018	12,652082	12,714923	13,8012	12,571693	14,013954	13,935356	13,758297	14,034197	13,81159
0,000297316	0,003235663	2,6217419	down	noncoding	ENST00000576871	6,754975	6,935341	6,7474837	6,3456917	6,534869	8,047115	7,9787083	8,093144	7,8667755	8,285246
0,000297316	0,003235663	2,6217419	down	noncoding	ENST00000576871	6,754975	6,935341	6,7474837	6,3456917	6,534869	8,047115	7,9787083	8,093144	7,8667755	8,285246
0,000297316	0,003235663	2,6217419	down	noncoding	ENST00000576871	6,754975	6,935341	6,7474837	6,3456917	6,534869	8,047115	7,9787083	8,093144	7,8667755	8,285246
0,000941649	0,006174192	2,2474566	down	noncoding	NR_027047	5,032597	4,908898	4,755062	5,0278277	5,11394	6,3076973	6,1669154	6,309072	5,8072906	6,0888157
0,000168023	0,002363329	3,5489057	down	noncoding	NR_040109	6,1970162	6,1953106	6,1932693	6,6515026	6,504248	8,161282	8,177243	8,308312	8,006711	8,22467
0,026728475	0,058721589	2,4063574	down	noncoding	ENST00000449737	3,752431	2,73358	3,3553653	4,208809	2,642579	4,735612	4,3211865	4,8882375	4,219378	4,862605
0,026728475	0,058721589	2,4063574	down	noncoding	ENST00000449737	3,752431	2,73358	3,3553653	4,208809	2,642579	4,735612	4,3211865	4,8882375	4,219378	4,862605
0,000110822	0,001895652	2,5591305	down	noncoding	ENST00000537988	8,172001	8,1967125	8,248606	9,07358	8,32681	9,810403	9,682655	9,522375	10,293676	9,486869
0,006122925	0,020627015	2,9790036	down	noncoding	TCONS_00013943	5,208938	5,7664094	5,613069	4,1538877	4,9461956	6,641674	6,5262494	6,83016	6,6038957	6,96067
3,94641E-06	0,000479552	2,3286052	down	noncoding	ENST00000537555	5,077861	5,132995	5,100161	5,4739213	5,124072	6,3330665	6,3695364	6,4207096	6,5997415	6,2832866
0,002035771	0,009982305	2,4222992	down	noncoding	ENST00000530490	4,1531644	4,192839	4,182752	4,711167	3,7077835	5,114389	5,23992	5,631342	5,7329793	5,610961
0,00064357	0,004891418	2,1485386	down	noncoding	ENST00000554430	5,532279	5,1244206	5,328292	5,3382864	5,3891907	6,554327	6,5312963	6,635923	6,3503547	6,1573462
0,009396799	0,02732152	3,9403812	down	noncoding	TCONS_00021005	2,686922	3,8876257	2,7660565	6,685502	2,642579	5,4996743	5,679871	5,5160694	7,1701846	4,694562
0,042921783	0,083704736	2,1653964	down	noncoding	TCONS_00004063	3,4581664	3,6822526	3,4240448	4,4182158	2,642579	4,4924335	4,2850184	4,7743073	4,590473	5,056182
0,002768832	0,012247999	2,8686508	down	noncoding	ENST00000420855	6,091006	6,680876	6,3018475	5,7090883	5,4183464	7,532562	7,628192	7,5530453	7,344992	7,7442346
0,00152514	0,008277649	4,7671142	down	noncoding	ENST00000565519	6,965194	7,350581	7,0782437	8,045248	6,6835194	9,477211	9,420954	9,520259	9,288919	9,681024
0,00117224	0,007108766	3,2660007	down	noncoding	ENST00000563806	4,1936936	4,7426977	4,205523	7,5117607	4,3009353	6,324679	6,468813	6,3436527	8,549604	5,805487
0,00117224	0,007108766	3,2660007	down	noncoding	ENST00000563806	4,1936936	4,7426977	4,205523	7,5117607	4,3009353	6,324679	6,468813	6,3436527	8,549604	5,805487
5,3643E-05	0,001358437	19,9413777	down	noncoding	ENST00000457891	2,760685	4,041587	4,018079	3,253365	3,7610981	7,839282	7,7587733	7,9381957	7,677773	8,209256
5,3643E-05	0,001358437	19,9413777	down	noncoding	ENST00000457891	2,760685	4,041587	4,018079	3,253365	3,7610981	7,839282	7,7587733	7,9381957	7,677773	8,209256
0,006868027	0,022065778	2,1519909	down	noncoding	ENST00000479900	6,2354174	6,190352	6,216786	6,5198708	6,1667705	7,6785965	7,538871	7,507905	6,7785196	7,3536644
0,001534755	0,008305436	5,4117597	down	noncoding	TCONS_00027245	5,620313	6,108052	5,5990148	6,9785366	5,7191877	8,369463	8,322039	8,597944	8,273221	8,642926
0,001042022	0,006598133	2,026819	down	noncoding	ENST00000554008	6,5275993	6,649909	6,6462417	8,487019	6,778332	7,57051	7,7298975	7,6136827	9,8632965	7,4078007
0,001438923	0,008040015	2,5476925	down	noncoding	ENST00000411954	5,2382236	4,7922244	4,538978	4,231582	5,11519	6,027528	6,1991367	6,3360314	5,8022094	6,2972484
0,049008046	0,092442873	2,1786866	down	noncoding	ENST00000416470	3,6570296	4,421403	3,9795327	7,464484	3,7400813	5,5006766	5,7739167	5,263346	7,029047	5,3128376
0,049008046	0,092442873	2,1786866	down	noncoding	ENST00000416470	3,6570296	4,421403	3,9795327	7,464484	3,7400813	5,5006766	5,7739167	5,263346	7,029047	5,3128376
0,049008046	0,092442873	2,1786866	down	noncoding	ENST00000416470	3,6570296	4,421403	3,9795327	7,464484	3,7400813	5,5006766	5,7739167	5,263346	7,029047	5,3128376
0,049008046	0,092442873	2,1786866	down	noncoding	ENST00000416470	3,6570296	4,421403	3,9795327	7,464484	3,7400813	5,5006766	5,7739167	5,263346	7,029047	5,3128376
0,049008046	0,092442873	2,1786866	down	noncoding	ENST00000416470	3,6570296	4,421403	3,9795327	7,464484	3,7400813	5,5006766	5,7739167	5,263346	7,029047	5,3128376
0,012420998	0,033286996	2,6218253	down	noncoding	ENST00000519566	3,1882896	3,9327407	2,978869	2,7328532	2,642579	4,407809	4,221662	4,5343313	4,372374	4,892013
0,001515632	0,008259255	2,5338596	down	noncoding	TCONS_00017181	7,4585023	7,913813	7,5148163	6,9327645	7,003958	8,7685	8,673355	8,772138	8,538319	8,778225
4,36761E-05	0,001213344	3,1200159	down	noncoding	TCONS_00000842	8,579062	8,669914	8,554008	8,768243	8,627039	10,224998	10,261605	10,44065	10,130785	10,347995
4,74493E-05	0,001265343	3,6045066	down	noncoding	ENST00000515065	7,7743735	7,966986	7,9311023	7,3939123	7,61165	9,618213	9,5379	9,634708	9,492274	9,643938
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
0,043607031	0,084664781	2,0006785	down	noncoding	NR_047598	4,006186	2,5206149	4,69806	4,7357483	5,2978134	5,1435394	4,798807	5,392436	5,1490154	5,7770715
8,1467E-09	0,0000602	191,6243914	down	noncoding	ENST00000581146	2,3977764	2,3729734	2,415766	2,3967412	2,642579	9,94905	9,832784	10,157282	9,998535	10,198872
0,035381506	0,072484512	2,1614751	down	noncoding	ENST00000535867	8,534699	8,7655115	8,564027	12,1239195	8,389849	10,125105	10,194263	10,019316	11,818573	9,78083
0,034718326	0,071482605	5,1950945	down	noncoding	ENST00000411595	9,311198	10,178984	9,402877	7,761255	5,621775	10,917078	10,997278	10,965949	10,526481	10,755053
0,040781162	0,080715789	2,7991069	down	noncoding	ENST00000458136	4,536655	4,3270555	4,702954	3,9525404	2,642579	5,3058743	5,283623	5,454692	5,5081415	6,034286
0,001380968	0,007828661	2,6003833	down	noncoding	ENST00000563202	6,512523	6,555441	6,585833	5,787245	6,29181	7,5193696	7,5807104	7,8727016	7,604596	8,049096
0,000840911	0,005742984	2,5872574	down	noncoding	uc002zau.3	8,192014	8,470274	8,11276	8,855632	7,7247996	9,584984	9,596329	9,5391245	9,872401	9,619759

0,000840911	0,005742984	2,5872574	down	noncoding	uc002zau.3	8,192014	8,470274	8,11276	8,855632	7,7247996	9,584984	9,596329	9,5391245	9,872401	9,619759
0,000840911	0,005742984	2,5872574	down	noncoding	uc002zau.3	8,192014	8,470274	8,11276	8,855632	7,7247996	9,584984	9,596329	9,5391245	9,872401	9,619759
0,008200042	0,024900026	3,6146183	down	noncoding	ENST00000530248	8,987745	9,655612	9,040514	7,637032	7,698423	10,4368925	10,457355	10,607132	10,262408	10,524755
2,24699E-05	0,000918902	3,6824738	down	noncoding	ENST00000495576	6,323606	6,397032	6,3985577	5,871119	6,1688685	8,097691	8,10192	8,162009	7,9204755	8,280464
0,000214872	0,002695756	2,0510624	down	noncoding	NR_040060	6,298336	6,387843	6,213667	6,27738	6,075222	7,4179773	7,157167	7,261032	7,2625437	7,335585
0,002381591	0,011144965	4,5394818	down	noncoding	NR_040434	2,3977764	3,649981	2,415766	2,6874602	2,642579	5,348755	4,7546034	4,4657526	4,8040347	5,333055
0,000866532	0,005858408	2,319287	down	noncoding	NR_037913	7,6090503	7,8507757	7,664572	7,021371	7,3686023	8,625126	8,691003	8,841144	8,494738	8,930767
0,000866532	0,005858408	2,319287	down	noncoding	NR_037913	7,6090503	7,8507757	7,664572	7,021371	7,3686023	8,625126	8,691003	8,841144	8,494738	8,930767
0,000866532	0,005858408	2,319287	down	noncoding	NR_037913	7,6090503	7,8507757	7,664572	7,021371	7,3686023	8,625126	8,691003	8,841144	8,494738	8,930767
6,47167E-05	0,001466944	2,4406378	down	noncoding	NR_034070	4,2839956	4,19948	4,247432	4,0927005	4,162978	5,4637194	5,670978	5,700426	5,3207054	5,2670484
0,002032282	0,009970613	2,4219823	down	noncoding	ENST00000439302	7,2203274	7,6065655	7,1642127	6,372522	6,536964	8,427399	8,287145	8,387834	7,9100943	8,269061
8,32971E-06	0,000631308	2,0939255	down	noncoding	ENST00000561544	7,345271	7,2766113	7,253079	7,204891	7,2659183	8,48964	8,3805065	8,1821785	8,294774	8,329722
0,000621464	0,00479917	2,1662631	down	noncoding	ENST00000541578	8,420408	8,646234	8,47585	7,81016	8,3075285	9,458179	9,439332	9,520667	9,296142	9,521903
0,000621464	0,00479917	2,1662631	down	noncoding	ENST00000541578	8,420408	8,646234	8,47585	7,81016	8,3075285	9,458179	9,439332	9,520667	9,296142	9,521903
0,000621464	0,00479917	2,1662631	down	noncoding	ENST00000541578	8,420408	8,646234	8,47585	7,81016	8,3075285	9,458179	9,439332	9,520667	9,296142	9,521903
0,040072508	0,079633131	2,7116777	down	noncoding	ENST00000520890	4,8712754	5,291767	4,679161	4,2534633	2,642579	5,8513618	5,7913866	5,866295	5,494915	5,930216
0,040072508	0,079633131	2,7116777	down	noncoding	ENST00000520890	4,8712754	5,291767	4,679161	4,2534633	2,642579	5,8513618	5,7913866	5,866295	5,494915	5,930216
0,040072508	0,079633131	2,7116777	down	noncoding	ENST00000520890	4,8712754	5,291767	4,679161	4,2534633	2,642579	5,8513618	5,7913866	5,866295	5,494915	5,930216
0,002518095	0,011523869	2,0579862	down	noncoding	TCONS_00014872	5,14545	4,810919	4,7534356	5,2749043	4,696078	6,4693103	5,948939	6,106917	5,811187	5,5506
0,000628395	0,004819587	2,5207665	down	noncoding	ENST00000456356	4,392108	3,4266894	3,8090067	3,881712	4,4187136	5,7326064	5,06978	5,4121103	4,785806	5,5972395
0,014638315	0,037654532	2,0035362	down	noncoding	TCONS_00013643	7,723317	8,166388	7,7193155	6,585215	7,2404675	8,568195	8,381708	8,644816	8,178716	8,674011
0,000318219	0,003352077	2,6502997	down	noncoding	uc.121+	4,266771	4,4076843	4,138667	7,0524693	4,561696	5,8627605	5,929418	5,8151617	8,111915	5,73881
0,000318219	0,003352077	2,6502997	down	noncoding	uc.121+	4,266771	4,4076843	4,138667	7,0524693	4,561696	5,8627605	5,929418	5,8151617	8,111915	5,73881
0,000318219	0,003352077	2,6502997	down	noncoding	uc.121+	4,266771	4,4076843	4,138667	7,0524693	4,561696	5,8627605	5,929418	5,8151617	8,111915	5,73881
0,000318219	0,003352077	2,6502997	down	noncoding	uc.121+	4,266771	4,4076843	4,138667	7,0524693	4,561696	5,8627605	5,929418	5,8151617	8,111915	5,73881
0,003768953	0,014936103	3,3334315	down	noncoding	ENST00000506387	3,116138	3,970855	3,3936574	4,7305818	2,642579	5,0281696	5,3154187	5,2980614	5,6454363	5,2517657
0,018953644	0,045718281	2,7557623	down	noncoding	ENST00000530313	3,809845	4,20411	3,1790502	2,7132332	2,642579	4,410949	4,7822714	4,8520236	4,6258044	5,1900263
0,018953644	0,045718281	2,7557623	down	noncoding	ENST00000530313	3,809845	4,20411	3,1790502	2,7132332	2,642579	4,410949	4,7822714	4,8520236	4,6258044	5,1900263
0,018953644	0,045718281	2,7557623	down	noncoding	ENST00000530313	3,809845	4,20411	3,1790502	2,7132332	2,642579	4,410949	4,7822714	4,8520236	4,6258044	5,1900263
0,018953644	0,045718281	2,7557623	down	noncoding	ENST00000530313	3,809845	4,20411	3,1790502	2,7132332	2,642579	4,410949	4,7822714	4,8520236	4,6258044	5,1900263
0,018953644	0,045718281	2,7557623	down	noncoding	ENST00000530313	3,809845	4,20411	3,1790502	2,7132332	2,642579	4,410949	4,7822714	4,8520236	4,6258044	5,1900263
0,018953644	0,045718281	2,7557623	down	noncoding	ENST00000530313	3,809845	4,20411	3,1790502	2,7132332	2,642579	4,410949	4,7822714	4,8520236	4,6258044	5,1900263
0,018953644	0,045718281	2,7557623	down	noncoding	ENST00000530313	3,809845	4,20411	3,1790502	2,7132332	2,642579	4,410949	4,7822714	4,8520236	4,6258044	5,1900263
0,018953644	0,045718281	2,7557623	down	noncoding	ENST00000530313	3,809845	4,20411	3,1790502	2,7132332	2,642579	4,410949	4,7822714	4,8520236	4,6258044	5,1900263
0,018953644	0,045718281	2,7557623	down	noncoding	ENST00000530313	3,809845	4,20411	3,1790502	2,7132332	2,642579	4,410949	4,7822714	4,8520236	4,6258044	5,1900263
0,018953644	0,045718281	2,7557623	down	noncoding	ENST00000530313	3,809845	4,20411	3,1790502	2,7132332	2,642579	4,410949	4,7822714	4,8520236	4,6258044	5,1900263
0,018953644	0,045718281	2,7557623	down	noncoding	ENST00000530313	3,809845	4,20411	3,1790502	2,7132332	2,642579	4,410949	4,7822714	4,8520236	4,6258044	5,1900263
0,018953644	0,045718281	2,7557623	down	noncoding	ENST00000530313	3,809845	4,20411	3,1790502	2,7132332	2,642579	4,410949	4,7822714	4,8520236	4,6258044	5,1900263
0,018953644	0,045718281	2,7557623	down	noncoding	ENST00000530313	3,809845	4,20411	3,1790502	2,7132332	2,642579	4,410949	4,7822714	4,8520236	4,6258044	5,1900263
0,000481349	0,004147978	5,5441698	down	noncoding	TCONS_00025355	4,4141636	4,384556	4,392597	4,450923	3,7436028	6,811503	6,563669	6,4604816	6,7681785	7,1368675
2,15628E-05	0,000907912	2,1557971	down	noncoding	ENST00000528437	10,019316	10,113489	10,114531	9,991948	10,030998	11,279064	11,272562	11,097869	11,024569	11,137325
0,011602497	0,031654661	4,3873897	down	noncoding	chr7:46184850-4619	2,3977764	4,09877	2,415766	6,731363	2,642579	5,2273693	5,877782	5,859721	7,3357983	4,652398
0,000626299	0,004813349	18,0894603	down	noncoding	NR_073012	2,658413	3,6397035	2,415766	4,2149324	2,642579	7,2641907	7,1950355	7,272805	7,0217485	7,7030015
0,000626299	0,004813349	18,0894603	down	noncoding	NR_073012	2,658413	3,6397035	2,415766	4,2149324	2,642579	7,2641907	7,1950355	7,272805	7,0217485	7,7030015
0,000626299	0,004813349	18,0894603	down	noncoding	NR_073012	2,658413	3,6397035	2,415766	4,2149324	2,642579	7,2641907	7,1950355	7,272805	7,0217485	7,7030015
0,000626299	0,004813349	18,0894603	down	noncoding	NR_073012	2,658413	3,6397035	2,415766	4,2149324	2,642579	7,2641907	7,1950355	7,272805	7,0217485	7,7030015
0,004231679	0,016127155	4,3176702	down	noncoding	ENST00000434969	5,293816	5,2413163	5,2091084	6,7655296	5,3503857	7,7270985	7,699246	7,812484	7,4431043	7,7294884
0,004180151	0,016004781	6,7552642	down	noncoding	ENST00000413452	8,706666	9,531566	8,878574	9,505262	6,865732	11,518339	11,600018	11,557733	11,262744	11,329027
0,004180151	0,016004781	6,7552642	down	noncoding	ENST00000413452	8,706666	9,531566	8,878574	9,505262	6,865732	11,518339	11,600018	11,557733	11,262744	11,329027
0,000939247	0,006163911	2,5593268	down	noncoding	NR_028049	4,2906165	4,679951	4,061967	4,2647896	4,3108044	5,582947	5,5070887	5,8044853	5,6096754	5,882754
0,000939247	0,006163911	2,5593268	down	noncoding	NR_028049	4,2906165	4,679951	4,061967	4,2647896	4,3108044	5,582947	5,5070887	5,8044853	5,6096754	5,882754
0,001131524	0,006936039	2,1237164	down	noncoding	NR_023353	8,141899	8,357181	8,0210495	7,395397	7,627762	9,03929	9,051723	9,151445	8,706346	9,02744
0,023079223	0,052786299	5,2370624	down	noncoding	TCONS_00014901	9,637428	8,772899	9,792381	12,542673	10,481907	12,983432	12,852024	12,292255	12,748357	12,295009
0,018641023	0,04508931	9,5091925	down	noncoding	ENST00000456270	3,546488	4,81501	4,0672216	7,068877	2,642579	8,11142	8,430111	7,892068	6,9916368	6,961554
0,010508588	0,029594892	3,1172706	down	noncoding	NR_038421	4,2687206	4,920951	4,1982937	2,8720329	3,7308958	5,294442	5,5338125	5,9603415	5,338399	6,065316
0,044448114	0,085891563	3,1021823	down	noncoding	ENST00000561977	4,669997	5,550189	4,9645057	4,950677	2,642579	6,22498	6,29166	6,272112	5,7104273	6,4451857
6,95718E-05	0,00150984	13,1240739	down	noncoding	ENST00000521218	2,9145958	3,8472207	3,3387504	3,0596714	2,642579	7,0078726	7,022272	7,188748	6,2872953	6,867348
0,003138729	0,01332202	10,2063906	down	noncoding	uc003kyl.3	6,673473	7,515303	6,799465	7,2627215	4,6969247	9,9631815	9,926542	10,028013	9,75804	10,029115
5,91419E-05	0,001430301	2,4772086	down	noncoding	ENST00000559802	5,510449	5,361469	5,4381156	5,1209917	5,375136	6,8713126	6,7392044	6,457326	6,4737687	6,8081264
0,00879994	0,026123091	3,2289514	down	noncoding	ENST00000431070	4,043217	4,457234	3,2271607	2,3967412	2,642579	5,3411684	5,0460606	5,221775	4,27422	5,3390365
6,76625E-06	0,000591706	2,9244313	down	noncoding	ENST00000577279	8,075017	8,1833105	8,095423	8,07998	8,024337	9,595302	9,636357	9,766256	9,513804	9,687129
4,91688E-06	0,000510685	4,7680259	down	noncoding	TCONS_00003525	6,497756	6,623582	6,4368734	6,1958313	6,413911	8,617231	8,695902	8,813136	8,48228	8,826365
0,026113398	0,05771346	3,6583368	down	noncoding	ENST00000560643	3,7733653	4,336646	4,1594014	5,6927996	2,642579	6,0126367	5,998617	6,087881	5,7698007	6,0917954
0,000445728	0,003985262	3,2013442	down	noncoding	ENST00000423283	4,288884	5,21274	5,0931034	5,1346397	4,867761	6,5572376	6,6147475	6,6425996	6,576058	6,5998745
4,77213E-05	0,001265343	7,8217607	down	noncoding	ENST00000426641	6,9028625	6,9625597	7,107609	6,1274133	6,727534	9,568387	9,651184	9,975288	9,648359	9,8222275
0,000153452	0,002274685	39,9556245	down	noncoding	ENST00000420566	8,920935	9,446935	9,01563	8,801184	7,56231	13,989961	13,881503	14,0933695	14,085485	14,298309
0,000471159	0,004098446	2,2683875	down	noncoding	uc004dwe.3	12,4295	12,498208	12,458982	13,355874	12,214827	13,82067	13,724923	13,633503	14,115165	13,5714655
0,003299215	0,013706538	4,0141939	down	noncoding	ENST00000533002	3,6139073	3,8408463	2,415766	2,3967412	2,642579	5,0712166	4,927862	5,187174	4,565297	5,1838417

0,00083863	0,00573536	2,8207383	down	noncoding	NR_026937	4,346865	3,9335504	3,8970122	3,7077835	3,930927	5,339628	5,532573	5,6579533	4,949406	5,816942
0,00083863	0,00573536	2,8207383	down	noncoding	NR_026937	4,346865	3,9335504	3,8970122	3,7077835	3,930927	5,339628	5,532573	5,6579533	4,949406	5,816942
0,001168748	0,007093602	4,6112067	down	noncoding	NR_047580	6,5305877	6,8841844	6,553674	5,7511272	6,066349	8,4079075	8,262372	8,790723	8,5343075	8,816334
0,001168748	0,007093602	4,6112067	down	noncoding	NR_047580	6,5305877	6,8841844	6,553674	5,7511272	6,066349	8,4079075	8,262372	8,790723	8,5343075	8,816334
0,001168748	0,007093602	4,6112067	down	noncoding	NR_047580	6,5305877	6,8841844	6,553674	5,7511272	6,066349	8,4079075	8,262372	8,790723	8,5343075	8,816334
0,017506441	0,04311396	2,6675188	down	noncoding	ENST00000501008	6,650419	7,4426336	6,807372	5,4078164	5,3084364	7,7653656	7,9336147	7,766008	7,4865093	7,742672
0,041374345	0,081649279	2,5286066	down	noncoding	ENST00000461471	8,746178	9,480588	8,78831	7,582139	7,05653	9,640489	9,589186	9,804853	9,549186	9,761744
0,000709294	0,005189437	2,3515309	down	noncoding	ENST00000568418	6,50636	6,891893	6,4879465	5,9507318	6,23647	7,6483917	7,672736	7,833969	7,290647	7,795659
0,001487737	0,008173707	4,6091392	down	noncoding	ENST00000514073	6,372892	6,7964025	6,298593	5,1372385	5,7540283	8,264248	8,162584	8,412863	8,095006	8,44694
0,003240789	0,013594759	2,0960519	down	noncoding	ENST00000450998	6,5113163	6,5963793	6,393729	7,2733784	6,4213634	7,657007	7,799792	7,6445823	7,6750307	7,7581267
0,019025034	0,04583064	2,2096772	down	noncoding	NR_027165	10,728911	11,25903	10,847864	9,762499	10,115729	11,640263	11,561746	11,697224	11,698774	11,835204
0,019025034	0,04583064	2,2096772	down	noncoding	NR_027165	10,728911	11,25903	10,847864	9,762499	10,115729	11,640263	11,561746	11,697224	11,698774	11,835204
0,010998463	0,030513664	7,6645957	down	noncoding	ENST00000425588	5,734914	6,0101905	5,928274	9,255724	5,718781	9,684411	9,646789	9,1981	9,607584	9,202048
0,010998463	0,030513664	7,6645957	down	noncoding	ENST00000425588	5,734914	6,0101905	5,928274	9,255724	5,718781	9,684411	9,646789	9,1981	9,607584	9,202048
0,010998463	0,030513664	7,6645957	down	noncoding	ENST00000425588	5,734914	6,0101905	5,928274	9,255724	5,718781	9,684411	9,646789	9,1981	9,607584	9,202048
0,010998463	0,030513664	7,6645957	down	noncoding	ENST00000425588	5,734914	6,0101905	5,928274	9,255724	5,718781	9,684411	9,646789	9,1981	9,607584	9,202048
0,010998463	0,030513664	7,6645957	down	noncoding	ENST00000425588	5,734914	6,0101905	5,928274	9,255724	5,718781	9,684411	9,646789	9,1981	9,607584	9,202048
0,024829426	0,055721476	4,4592872	down	noncoding	TCONS_00014042	8,639625	7,8426094	8,81735	11,927423	9,962617	11,813612	11,603703	11,104525	12,416441	11,035409
0,032217233	0,067594902	2,5101609	down	noncoding	ENST00000561007	4,771647	4,9750886	4,7771845	4,256792	2,642579	5,6467023	6,06369	5,673632	5,06978	5,608386
0,032217233	0,067594902	2,5101609	down	noncoding	ENST00000561007	4,771647	4,9750886	4,7771845	4,256792	2,642579	5,6467023	6,06369	5,673632	5,06978	5,608386
0,032217233	0,067594902	2,5101609	down	noncoding	ENST00000561007	4,771647	4,9750886	4,7771845	4,256792	2,642579	5,6467023	6,06369	5,673632	5,06978	5,608386
0,003623893	0,014589353	2,6885573	down	noncoding	NR_040105	3,6026063	4,421552	3,4232106	5,0661697	2,642579	4,8554387	5,1422706	4,696143	7,043054	4,5533724
0,001675399	0,008774175	2,1106916	down	noncoding	ENST00000438893	5,501021	5,218052	5,362194	4,4982586	5,6673865	6,3029413	6,1860514	6,4886208	6,107536	6,5503416
0,0002456	0,002887528	6,3365474	down	noncoding	TCONS_00009076	4,1406817	3,959744	4,7223268	4,5125866	4,128053	6,88748	6,638762	6,8237486	6,9098234	7,522063
0,001386978	0,007847685	3,7117622	down	noncoding	ENST00000517658	3,700757	3,994087	4,406504	5,2782865	4,8180757	6,14599	6,270241	6,399841	6,3831697	6,45899
0,001386978	0,007847685	3,7117622	down	noncoding	ENST00000517658	3,700757	3,994087	4,406504	5,2782865	4,8180757	6,14599	6,270241	6,399841	6,3831697	6,45899
0,001386978	0,007847685	3,7117622	down	noncoding	ENST00000517658	3,700757	3,994087	4,406504	5,2782865	4,8180757	6,14599	6,270241	6,399841	6,3831697	6,45899
0,038639664	0,077526736	2,863166	down	noncoding	TCONS_00027619	5,896645	6,0135546	5,954509	9,869505	5,8254976	8,068099	8,060471	7,895131	9,3948145	7,7292523
2,55497E-05	0,000982753	2,210355	down	noncoding	NR_037926	6,8832426	6,800539	6,9625597	6,98715	7,162556	8,077921	8,016415	7,8993797	8,168844	8,354878
2,55497E-05	0,000982753	2,210355	down	noncoding	NR_037926	6,8832426	6,800539	6,9625597	6,98715	7,162556	8,077921	8,016415	7,8993797	8,168844	8,354878
2,55497E-05	0,000982753	2,210355	down	noncoding	NR_037926	6,8832426	6,800539	6,9625597	6,98715	7,162556	8,077921	8,016415	7,8993797	8,168844	8,354878
0,006663284	0,021655641	4,2184093	down	noncoding	ENST00000413121	3,539898	4,704924	3,8811593	7,3083653	2,642579	6,0378146	6,241656	6,4300714	8,095765	5,655114
7,50872E-05	0,001570233	3,4539004	down	noncoding	ENST00000476560	4,7542925	5,2353325	4,99867	4,9087524	4,910496	6,746643	6,701194	6,8989005	6,5119567	6,8899817
7,50872E-05	0,001570233	3,4539004	down	noncoding	ENST00000476560	4,7542925	5,2353325	4,99867	4,9087524	4,910496	6,746643	6,701194	6,8989005	6,5119567	6,8899817
7,50872E-05	0,001570233	3,4539004	down	noncoding	ENST00000476560	4,7542925	5,2353325	4,99867	4,9087524	4,910496	6,746643	6,701194	6,8989005	6,5119567	6,8899817
0,002137646	0,010337784	2,5166781	down	noncoding	ENST00000506435	3,8282173	4,617095	3,776866	4,1790824	3,7159867	5,2437716	5,403388	5,515923	5,1894803	5,422288
5,15028E-07	0,000273762	2,4545382	down	noncoding	NR_028388	8,772138	8,820637	8,910287	8,710477	8,8091	10,10287	10,048318	10,177657	10,009922	10,16113
5,15028E-07	0,000273762	2,4545382	down	noncoding	NR_028388	8,772138	8,820637	8,910287	8,710477	8,8091	10,10287	10,048318	10,177657	10,009922	10,16113
5,15028E-07	0,000273762	2,4545382	down	noncoding	NR_028388	8,772138	8,820637	8,910287	8,710477	8,8091	10,10287	10,048318	10,177657	10,009922	10,16113
6,31871E-05	0,001453513	4,8793537	down	noncoding	TCONS_00010217	6,159626	6,0434117	5,886743	6,4001365	6,2593184	8,79911	8,455866	8,252744	8,264877	8,410089
0,000962307	0,006245982	3,7505402	down	noncoding	NR_026797	4,667594	4,1066146	4,599708	6,196515	5,1100135	6,3165393	6,1102815	6,3120856	8,9079895	6,5690413
0,003230136	0,013561984	3,2712015	down	noncoding	NR_027401	5,9447117	6,7733164	5,9612737	5,179369	4,8152857	7,5431256	7,668823	7,6464987	6,950856	7,4137564
0,041168242	0,081329427	2,0962234	down	noncoding	NR_002808	2,3977764	3,1519725	3,2316163	5,3613	2,642579	4,3547454	4,211665	4,0359306	5,2441177	4,277748
0,041168242	0,081329427	2,0962234	down	noncoding	NR_002808	2,3977764	3,1519725	3,2316163	5,3613	2,642579	4,3547454	4,211665	4,0359306	5,2441177	4,277748
0,041168242	0,081329427	2,0962234	down	noncoding	NR_002808	2,3977764	3,1519725	3,2316163	5,3613	2,642579	4,3547454	4,211665	4,0359306	5,2441177	4,277748
0,00457728	0,016945798	2,3202049	down	noncoding	ENST00000435772	5,383142	5,886095	5,787409	4,891138	5,162879	6,61175	6,458209	6,8222303	6,2581296	7,0316052
0,007581123	0,023562865	5,1428844	down	noncoding	ENST00000439192	8,659327	9,508743	8,720075	9,408283	6,7444234	11,090516	11,219982	10,954989	10,747952	10,840301
0,007581123	0,023562865	5,1428844	down	noncoding	ENST00000439192	8,659327	9,508743	8,720075	9,408283	6,7444234	11,090516	11,219982	10,954989	10,747952	10,840301
0,043503201	0,084496493	2,1314751	down	noncoding	NR_028308	4,8280287	5,421138	5,3430047	4,0391603	4,247818	5,4323587	5,753572	5,8725133	6,1779237	6,102043
0,043503201	0,084496493	2,1314751	down	noncoding	NR_028308	4,8280287	5,421138	5,3430047	4,0391603	4,247818	5,4323587	5,753572	5,8725133	6,1779237	6,102043
0,043503201	0,084496493	2,1314751	down	noncoding	NR_028308	4,8280287	5,421138	5,3430047	4,0391603	4,247818	5,4323587	5,753572	5,8725133	6,1779237	6,102043
0,043503201	0,084496493	2,1314751	down	noncoding	NR_028308	4,8280287	5,421138	5,3430047	4,0391603	4,247818	5,4323587	5,753572	5,8725133	6,1779237	6,102043
0,043503201	0,084496493	2,1314751	down	noncoding	NR_028308	4,8280287	5,421138	5,3430047	4,0391603	4,247818	5,4323587	5,753572	5,8725133	6,1779237	6,102043
0,043503201	0,084496493	2,1314751	down	noncoding	NR_028308	4,8280287	5,421138	5,3430047	4,0391603	4,247818	5,4323587	5,753572	5,8725133	6,1779237	6,102043
7,47876E-06	0,0006073	2,4992515	down	noncoding	uc003tll.3	6,0767717	6,083911	6,0364237	5,7490845	6,2946754	7,2908993	7,328204	7,494592	7,124739	7,6099124
0,005070959	0,018136946	2,4028524	down	noncoding	ENST00000400465	5,70653	4,997802	5,573432	6,1829057	6,2134686	7,0794525	6,9307976	7,0542383	6,825781	7,107609
0,004034762	0,015601582	3,4950943	down	noncoding	DB378707	4,0680475	3,8540998	4,021569	2,3967412	3,7298229	5,253372	5,3684397	5,460925	5,3046494	5,7095513
0,000367221	0,003620424	2,1853033	down	noncoding	NR_037791	6,207454	6,3948774	6,41572	7,033854	6,0330925	7,4873605	7,43043	7,216959	8,171708	7,417708
0,000367221	0,003620424	2,1853033	down	noncoding	NR_037791	6,207454	6,3948774	6,41572	7,033854	6,0330925	7,4873605	7,43043	7,216959	8,171708	7,417708
0,000367221	0,003620424	2,1853033	down	noncoding	NR_037791	6,207454	6,3948774	6,41572	7,033854	6,0330925	7,4873605	7,43043	7,216959	8,171708	7,417708
0,002169573	0,010430747	2,3265083	down	noncoding	ENST00000517915	4,5276084	4,1196012	4,1131897	4,6930184	3,9644215	5,437596	5,357037	5,6981516	5,4424543	5,573432
0,019660197	0,046872128	2,4307437	down	noncoding	TCONS_00029795	5,402255	5,540682	5,602696	6,629661	5,0878606	7,0243087	7,1711383	6,856127	6,6166105	7,001959
0,000375256	0,003673111	2,1040458	down	noncoding	ENST00000422554	4,531764	3,8208697	4,5405703	4,5018816	4,8052945	5,416866	5,2303095	5,5331764	5,6634016	5,722457
3,40938E-06	0,000455285	2,6876764	down	noncoding	NR_040733	7,7665677	7,778672	7,834179	7,6914034	7,7761297	9,225955	9,213263	9,269632	8,973757	9,296142
0,002959334	0,012781874	3,7076462	down	noncoding	ENST00000573877	7,53749	7,918684	7,5714955	8,87995	7,1950355	9,713754	9,75804	9,762132	9,667536	9,653711
0,000139259	0,002150581	53,134758	down	noncoding	ENST00000453795	7,5241036	8,051783	7,6690135	8,970824	7,1479654	13,548395	13,309173	13,617724	13,4890585	14,057259
0,000106524	0,00185824	2,0480991	down	noncoding	ENST00000456398	6,0132055	5,8703613	5,7182264	5,218052	5,452719	6,8315887	6,8893046	6,759303	6,2662115	6,697584
0,001592179	0,008500345	6,4887162	down	noncoding	ENST00000437861	2,3977764	2,3729734	2,415766	3,9863565	2,642579	5,4054666	5,597962	5,460122	5,282352	5,559214
0,034743494	0,071516486	2,5226444	down	noncoding	ENST00000378769	4,085217	3,6961985	3,735342	5,0504775	2,642579	5,423666	4,9771147	4,971798	5,121256	5,3906636
0,034743494	0,071516486	2,5226444	down	noncoding	ENST00000378769	4,085217	3,6961985	3,735342	5,0504775	2,642579	5,423666	4,9771147	4,971798	5,121256	5,3906636

0,034743494	0,071516486	2,5226444	down	noncoding	ENST00000378769	4,085217	3,6961985	3,735342	5,0504775	2,642579	5,423666	4,9771147	4,971798	5,121256	5,3906636
0,004235771	0,016129982	4,5575969	down	noncoding	TCONS_00027282	2,3977764	3,98171	3,070115	2,3967412	2,642579	4,8396254	4,8258653	5,0421963	5,142073	5,5805283
0,000229578	0,002797143	2,0306151	down	noncoding	NR_046298	8,244976	8,23716	8,268836	8,688196	8,187939	9,2444	9,247447	9,432095	9,42678	9,385969
0,000229578	0,002797143	2,0306151	down	noncoding	NR_046298	8,244976	8,23716	8,268836	8,688196	8,187939	9,2444	9,247447	9,432095	9,42678	9,385969
0,002952241	0,012768854	2,187668	down	noncoding	ENST00000430893	10,776281	10,443172	10,770509	11,195385	11,201977	12,0656	12,067664	12,029429	11,844346	12,027254
0,009792977	0,02817411	2,2542865	down	noncoding	NR_033242	5,0752025	5,5343475	5,0228477	4,272039	6,027162	6,589794	6,913123	6,485768	5,611628	6,19464
0,009792977	0,02817411	2,2542865	down	noncoding	NR_033242	5,0752025	5,5343475	5,0228477	4,272039	6,027162	6,589794	6,913123	6,485768	5,611628	6,19464
0,007113876	0,022603965	3,0146732	down	noncoding	ENST00000440645	3,7390459	4,081572	3,7521338	3,9049418	2,642579	5,1224213	5,2665944	5,164656	5,0542645	5,4723444
0,002050425	0,010037508	2,0195349	down	noncoding	ENST00000435156	5,067023	5,2878065	5,0274744	6,0399704	5,499417	6,360593	6,168441	6,315462	6,573973	6,5733376
0,001385959	0,007846848	2,1960054	down	noncoding	uc001miu.3	7,3568234	7,393556	7,2866235	9,028092	7,463778	8,653945	8,719818	8,661647	9,625871	8,542
0,001385959	0,007846848	2,1960054	down	noncoding	uc001miu.3	7,3568234	7,393556	7,2866235	9,028092	7,463778	8,653945	8,719818	8,661647	9,625871	8,542
0,001385959	0,007846848	2,1960054	down	noncoding	uc001miu.3	7,3568234	7,393556	7,2866235	9,028092	7,463778	8,653945	8,719818	8,661647	9,625871	8,542
0,001385959	0,007846848	2,1960054	down	noncoding	uc001miu.3	7,3568234	7,393556	7,2866235	9,028092	7,463778	8,653945	8,719818	8,661647	9,625871	8,542
0,001385959	0,007846848	2,1960054	down	noncoding	uc001miu.3	7,3568234	7,393556	7,2866235	9,028092	7,463778	8,653945	8,719818	8,661647	9,625871	8,542
0,001385959	0,007846848	2,1960054	down	noncoding	uc001miu.3	7,3568234	7,393556	7,2866235	9,028092	7,463778	8,653945	8,719818	8,661647	9,625871	8,542
0,001385959	0,007846848	2,1960054	down	noncoding	uc001miu.3	7,3568234	7,393556	7,2866235	9,028092	7,463778	8,653945	8,719818	8,661647	9,625871	8,542
0,007505225	0,023435393	3,1890268	down	noncoding	NR_027168	8,356678	8,927565	8,402608	6,974229	7,724082	9,649979	9,721239	9,802251	9,607174	9,9701
0,007505225	0,023435393	3,1890268	down	noncoding	NR_027168	8,356678	8,927565	8,402608	6,974229	7,724082	9,649979	9,721239	9,802251	9,607174	9,9701
9,99695E-05	0,001799573	8,2628948	down	noncoding	NR_047555	2,3977764	3,0204065	2,415766	2,3967412	2,642579	5,6734557	5,3238087	5,8498697	5,4558845	5,803487
9,99695E-05	0,001799573	8,2628948	down	noncoding	NR_047555	2,3977764	3,0204065	2,415766	2,3967412	2,642579	5,6734557	5,3238087	5,8498697	5,4558845	5,803487
9,99695E-05	0,001799573	8,2628948	down	noncoding	NR_047555	2,3977764	3,0204065	2,415766	2,3967412	2,642579	5,6734557	5,3238087	5,8498697	5,4558845	5,803487
9,99695E-05	0,001799573	8,2628948	down	noncoding	NR_047555	2,3977764	3,0204065	2,415766	2,3967412	2,642579	5,6734557	5,3238087	5,8498697	5,4558845	5,803487
9,99695E-05	0,001799573	8,2628948	down	noncoding	NR_047555	2,3977764	3,0204065	2,415766	2,3967412	2,642579	5,6734557	5,3238087	5,8498697	5,4558845	5,803487
9,99695E-05	0,001799573	8,2628948	down	noncoding	NR_047555	2,3977764	3,0204065	2,415766	2,3967412	2,642579	5,6734557	5,3238087	5,8498697	5,4558845	5,803487
9,99695E-05	0,001799573	8,2628948	down	noncoding	NR_047555	2,3977764	3,0204065	2,415766	2,3967412	2,642579	5,6734557	5,3238087	5,8498697	5,4558845	5,803487
9,99695E-05	0,001799573	8,2628948	down	noncoding	NR_047555	2,3977764	3,0204065	2,415766	2,3967412	2,642579	5,6734557	5,3238087	5,8498697	5,4558845	5,803487
9,99695E-05	0,001799573	8,2628948	down	noncoding	NR_047555	2,3977764	3,0204065	2,415766	2,3967412	2,642579	5,6734557	5,3238087	5,8498697	5,4558845	5,803487
0,03474446	0,071516486	2,9486806	down	noncoding	ENST00000367003	2,8110347	3,6519313	2,415766	6,467782	2,642579	4,891756	5,4410996	4,9979815	6,1446285	4,3139753
0,03474446	0,071516486	2,9486806	down	noncoding	ENST00000367003	2,8110347	3,6519313	2,415766	6,467782	2,642579	4,891756	5,4410996	4,9979815	6,1446285	4,3139753
0,03474446	0,071516486	2,9486806	down	noncoding	ENST00000367003	2,8110347	3,6519313	2,415766	6,467782	2,642579	4,891756	5,4410996	4,9979815	6,1446285	4,3139753
4,37098E-05	0,001213344	2,0247276	down	noncoding	ENST00000514048	9,825006	9,849904	9,848443	9,895995	9,857092	10,88625	10,895254	10,928068	10,703883	10,951624
0,001549538	0,008358933	2,7524308	down	noncoding	ENST00000423808	7,714185	7,546497	7,677773	10,753393	8,109046	9,435116	9,459585	9,311198	11,8945675	9,003959
0,000209756	0,002660926	9,5708828	down	noncoding	ENST00000573133	8,429943	8,185408	8,523279	9,3165865	8,698779	12,106939	12,0022745	11,848837	11,703213	11,785992
3,37993E-05	0,001089288	2,5237535	down	noncoding	uc001ayw.3	9,987833	9,864582	10,056442	10,083321	10,265831	11,401453	11,401453	11,385861	11,256047	11,49105
0,009108465	0,026725387	2,5827965	down	noncoding	NR_033426	6,491155	7,016442	6,5790544	5,4737473	6,190709	7,54054	7,544021	7,828187	7,6080127	8,075017
0,00531788	0,018752873	5,622666	down	noncoding	TCONS_00008845	3,4965265	5,143232	4,1877785	2,998097	2,642579	6,309072	6,1435943	6,3053384	5,7906375	6,3758426
0,029361988	0,06288086	2,0223989	down	noncoding	ENST00000488584	4,2325053	2,571219	3,411949	3,408209	4,609909	4,831614	4,5766478	4,7372293	4,3267317	4,8419065
0,007592336	0,023573336	2,8320776	down	noncoding	ENST00000511918	3,6448357	3,9777856	3,0441747	3,405804	2,642579	4,892281	4,5418973	4,5729117	5,178426	5,038967
0,006974546	0,022291699	2,2527371	down	noncoding	ENST00000443063	3,562632	3,852719	3,5530262	2,8088384	3,9247775	4,5499806	4,5227294	4,80303	4,822181	4,862467
0,000459227	0,004049473	3,8953112	down	noncoding	ENST00000441071	4,162646	4,932612	4,346052	4,0259385	4,0353727	6,094298	6,2321777	6,4838233	6,0337358	6,4672794
0,001077245	0,006711892	127,2971897	down	noncoding	uc001gzl.3	5,036244	5,51864	4,9207706	7,6443696	2,642579	12,146279	12,035542	12,160425	12,102311	12,27833
5,97241E-05	0,001430571	6,7391147	down	noncoding	ENST00000471365	5,7772455	6,021904	5,7355075	5,5313516	5,380521	8,36644	8,346166	8,537531	8,306416	8,652772
0,033219518	0,069070239	3,5625573	down	noncoding	ENST00000506950	4,131877	3,6834102	3,9854188	2,9343166	4,003992	6,662991	7,1640167	6,0522428	3,5735226	4,4508076
0,033219518	0,069070239	3,5625573	down	noncoding	ENST00000506950	4,131877	3,6834102	3,9854188	2,9343166	4,003992	6,662991	7,1640167	6,0522428	3,5735226	4,4508076
0,000151564	0,002248964	2,6625785	down	noncoding	NR_015359	5,00403	4,81225	5,257073	4,818665	5,2862535	6,5592737	6,541219	6,4422565	6,1677256	6,531917
1,19465E-05	0,00069532	2,363628	down	noncoding	ENST00000437650	9,821746	9,764734	9,872048	9,391985	9,764388	10,990841	10,949976	11,020566	10,779127	11,079406
0,000463894	0,004071191	4,756255	down	noncoding	TCONS_00022501	3,730186	4,047697	3,539898	2,9597905	2,642579	5,8115344	5,8731375	5,8131227	4,971959	5,6995273
0,001439536	0,008040361	2,2564445	down	noncoding	NR_030761	5,192533	5,078324	5,272908	5,386966	5,392603	6,4296727	6,4523177	6,553674	5,9721265	6,7857995
0,001439536	0,008040361	2,2564445	down	noncoding	NR_030761	5,192533	5,078324	5,272908	5,386966	5,392603	6,4296727	6,4523177	6,553674	5,9721265	6,7857995
0,000137086	0,002150448	2,8733412	down	noncoding	TCONS_00026496	6,117032	5,723834	6,001457	6,1911697	6,280325	7,677246	7,522836	7,668326	7,380293	7,6787634
0,009800155	0,02818379	2,5549903	down	noncoding	ENST00000561015	3,4315326	4,2872653	3,2771866	3,2292418	2,642579	4,988077	4,900625	4,8709364	4,017458	4,857298
0,023083456	0,052786299	3,6030358	down	noncoding	uc010hno.3	3,4407876	4,0624905	3,448422	5,424425	2,642579	5,478681	5,7326064	5,8871336	5,436323	5,730025
0,00036778	0,003621199	2,932927	down	noncoding	NR_024564	3,2908387	3,9528658	3,0103257	6,368324	2,642579	5,06047	5,071641	4,933424	7,88107	4,080034
0,004661289	0,017128092	2,3751663	down	noncoding	ENST00000545920	6,175749	6,5732603	6,2251124	5,2490997	5,913068	7,2398424	7,1463175	7,378499	7,0156894	7,5960836
0,049236799	0,092826974	2,3863451	down	noncoding	ENST00000581173	4,4750934	4,595364	4,872028	4,679951	2,642579	5,7014904	5,7243633	5,555063	4,9873805	5,5707316
0,049236799	0,092826974	2,3863451	down	noncoding	ENST00000581173	4,4750934	4,595364	4,872028	4,679951	2,642579	5,7014904	5,7243633	5,555063	4,9873805	5,5707316
0,049236799	0,092826974	2,3863451	down	noncoding	ENST00000581173	4,4750934	4,595364	4,872028	4,679951	2,642579	5,7014904	5,7243633	5,555063	4,9873805	5,5707316
0,049236799	0,092826974	2,3863451	down	noncoding	ENST00000581173	4,4750934	4,595364	4,872028	4,679951	2,642579	5,7014904	5,7243633	5,555063	4,9873805	5,5707316
0,049236799	0,092826974	2,3863451	down	noncoding	ENST00000581173	4,4750934	4,595364	4,872028	4,679951	2,642579	5,7014904	5,7243633	5,555063	4,9873805	5,5707316
0,049236799	0,092826974	2,3863451	down	noncoding	ENST00000581173	4,4750934	4,595364	4,872028	4,679951	2,642579	5,7014904	5,7243633	5,555063	4,9873805	5,5707316
8,73447E-06	0,000639313	4,5869699	down	noncoding	ENST00000424417	4,3162603	3,8345594	4,582671	4,7160854	4,342754	6,49234	6,228998	6,568495	6,8047023	6,685502
0,001337131	0,007665421	2,3472134	down	noncoding	ENST00000579355	4,630441	4,7422166	4,715158	4,3225403	4,7648263	5,776481	5,589688	5,8157372	6,103346	6,044675
0,019140756	0,046026884	2,1312911	down	noncoding	TCONS_00016852	5,006012	5,0272226	4,84115	3,0153928	4,0496316	5,604413	5,807846	5,446155	5,1006584	5,438975
0,023894365	0,054178402	2,1295993	down	noncoding	ENST00000445600	9,77546	9,692508	9,684411	11,70845	9,653711	11,221778	11,162862	11,045302	11,574112	10,963396
0,00354854	0,014395168	2,2039324	down	noncoding	TCONS_00011105	4,131152	4,396803	4,9966807	3,6819725	4,152675	5,134278	5,3060904	5,6449313	5,2978134	5,67657
0,008423639	0,025372076	2,8816393	down	noncoding	ENST00000507344	7,542977	6,6796784	7,6830997	10,262905	8,136643	9,393449	9,274921	8,955912	11,354368	8,961102
5,45542E-06	0,000537504	2,9298646	down	noncoding	ENST00000583091	9,381902	9,397533	9,446368	9,15358	9,476036	10,844879	10,805799	11,085297	10,781862	11,091752
0,012375498	0,033229921	4,7432323	down	noncoding	ENST00000418868	2,77974	3,9711902	3,0704722	5,247382	2,642579	6,002576	5,881642	5,860113	5,611804	5,584581

0,008653591	0,025831432	9,3366367	down	noncoding	ENST00000506292	3,7624316	5,074544	3,8191123	6,1837025	2,642579	7,4585023	7,4230857	7,7880135	7,308656	7,6186266
0,028675268	0,061723243	2,0590165	down	noncoding	ENST00000554552	2,9333966	3,9501839	3,539529	5,788116	3,9868612	4,9014235	5,1155725	4,869715	5,9505486	4,570604
0,002768183	0,012247999	4,0258375	down	noncoding	ENST00000557691	6,5547347	7,120592	6,3679237	5,429961	5,4672894	8,172317	8,260424	8,276522	8,0190525	8,25863
0,002768183	0,012247999	4,0258375	down	noncoding	ENST00000557691	6,5547347	7,120592	6,3679237	5,429961	5,4672894	8,172317	8,260424	8,276522	8,0190525	8,25863
0,000199464	0,002579076	2,6119507	down	noncoding	TCONS_00001841	6,45027	6,10273	6,307889	6,6429214	6,8270645	7,887697	7,847324	7,705529	7,8574843	7,958479
0,021509529	0,050092867	3,1041354	down	noncoding	ENST00000451755	3,270765	3,62114	2,415766	6,3424306	2,642579	4,909149	5,4295654	5,3766627	6,4974523	4,2508087
0,00024253	0,002876683	3,4814332	down	noncoding	uc011btp.1	7,4717054	7,74154	7,604596	6,9425044	7,356266	9,112694	9,11992	9,332661	9,0858345	9,463909
0,001815952	0,009228559	2,772228	down	noncoding	CD242780	8,298264	8,885193	8,453395	8,270418	7,5668583	9,815481	9,800951	9,722827	9,784279	9,70582
0,010021224	0,02863013	15,6236323	down	noncoding	ENST00000411909	9,3165865	10,25286	9,449065	9,017362	5,545464	12,63167	12,575993	12,707077	12,648739	12,8461485
1,33876E-05	0,000738265	3,4438112	down	noncoding	ENST00000451607	6,55197	6,700702	6,4847956	5,9689646	6,486912	8,380095	8,243968	8,284996	7,9409494	8,263366
1,33876E-05	0,000738265	3,4438112	down	noncoding	ENST00000451607	6,55197	6,700702	6,4847956	5,9689646	6,486912	8,380095	8,243968	8,284996	7,9409494	8,263366
0,001504847	0,008215789	2,2727915	down	noncoding	ENST00000419979	5,1942863	4,838709	5,208132	5,361469	5,765198	6,512133	6,4570727	6,5198708	6,145878	6,6551666
0,000684235	0,005073913	5,0151034	down	noncoding	uc002ejp.1	7,085971	6,21444	7,0244837	7,683488	7,892794	9,376176	9,370418	9,531233	9,551319	9,703428
0,030712225	0,065181103	3,1373384	down	noncoding	ENST00000583797	6,336322	7,112265	6,414454	4,524855	4,611224	7,4680095	7,459001	7,5327883	7,166234	7,620793
0,002310693	0,010902676	3,8989709	down	noncoding	ENST00000564694	6,1092362	6,0249896	5,9869304	7,5811076	6,4132233	8,244487	8,305754	8,50925	8,460973	8,41049
0,017842841	0,043637159	2,0362322	down	noncoding	ENST00000517573	3,6158063	3,608947	3,3380084	4,3989573	4,220041	5,0903726	4,9922137	4,7818737	4,54312	4,9036903
0,003548429	0,014395168	2,9131656	down	noncoding	NR_027514	8,883135	9,362603	9,011272	7,965254	8,6307335	10,251101	10,168917	10,395276	10,253689	10,496953
0,009076196	0,026678025	10,6914172	down	noncoding	NR_046371	6,2198224	7,462697	6,4850726	5,053283	2,642579	9,232943	9,372263	9,071962	8,51659	8,761602
0,009076196	0,026678025	10,6914172	down	noncoding	NR_046371	6,2198224	7,462697	6,4850726	5,053283	2,642579	9,232943	9,372263	9,071962	8,51659	8,761602
0,002803907	0,012343032	2,2426139	down	noncoding	NR_038266	7,653271	7,435935	7,72846	8,15636	7,8701806	8,997042	8,992643	8,9505825	8,656404	9,0734415
0,002803907	0,012343032	2,2426139	down	noncoding	NR_038266	7,653271	7,435935	7,72846	8,15636	7,8701806	8,997042	8,992643	8,9505825	8,656404	9,0734415
0,002803907	0,012343032	2,2426139	down	noncoding	NR_038266	7,653271	7,435935	7,72846	8,15636	7,8701806	8,997042	8,992643	8,9505825	8,656404	9,0734415
0,002803907	0,012343032	2,2426139	down	noncoding	NR_038266	7,653271	7,435935	7,72846	8,15636	7,8701806	8,997042	8,992643	8,9505825	8,656404	9,0734415
0,002803907	0,012343032	2,2426139	down	noncoding	NR_038266	7,653271	7,435935	7,72846	8,15636	7,8701806	8,997042	8,992643	8,9505825	8,656404	9,0734415
0,002803907	0,012343032	2,2426139	down	noncoding	NR_038266	7,653271	7,435935	7,72846	8,15636	7,8701806	8,997042	8,992643	8,9505825	8,656404	9,0734415
0,000113816	0,001917993	2,1955904	down	noncoding	uc009vjn.1	5,014938	5,06978	5,242687	5,5169864	5,252964	6,0572696	6,3797083	6,5057783	6,412312	6,415332
0,003877625	0,015184795	3,658532	down	noncoding	NR_037930	5,356853	5,7702503	5,5739837	4,2915187	4,4738584	6,88887	6,8574147	7,112633	6,743191	7,2206798
0,003877625	0,015184795	3,658532	down	noncoding	NR_037930	5,356853	5,7702503	5,5739837	4,2915187	4,4738584	6,88887	6,8574147	7,112633	6,743191	7,2206798
0,003877625	0,015184795	3,658532	down	noncoding	NR_037930	5,356853	5,7702503	5,5739837	4,2915187	4,4738584	6,88887	6,8574147	7,112633	6,743191	7,2206798
0,026359511	0,058092338	2,3270824	down	noncoding	uc003boa.3	5,786625	6,362279	5,6926093	3,9127803	4,653349	6,605964	6,5877357	6,692955	6,0451045	6,568495
0,001501833	0,008215789	2,063401	down	noncoding	ENST00000512130	4,5933294	4,5621934	4,523381	5,152454	5,1363926	5,8072906	5,80602	5,819934	5,7435594	6,0160675
0,003455344	0,014139374	3,1405694	down	noncoding	TCONS_00023866	4,6958504	4,2496676	3,4478946	5,0375767	4,2136726	6,0017486	5,8836246	6,1209364	6,217827	5,675656
0,017003196	0,042134514	3,5274155	down	noncoding	TCONS_00016513	8,542981	9,408796	8,662817	8,183776	6,6510324	10,081893	10,165444	10,241586	9,85678	10,196757
0,000232404	0,002811327	2,6900812	down	noncoding	ENST00000583394	4,8077526	4,369879	4,789414	5,161523	5,134278	6,190924	6,225437	6,1478634	6,3325014	6,5043693
0,000376943	0,00367916	2,9177794	down	noncoding	ENST00000452197	11,211228	11,539319	11,276564	11,4508705	10,774085	12,781263	12,8208065	12,909067	12,684021	12,781263
0,001720152	0,008910665	9,2176892	down	noncoding	TCONS_00024657	4,0682425	5,0501833	4,501618	4,244249	2,642579	7,2750993	7,268692	7,550801	7,0080647	7,4262404
6,65592E-06	0,000589595	2,3596759	down	noncoding	ENST00000417869	9,262446	9,2657795	9,390974	9,568159	9,450799	10,594731	10,565836	10,640544	10,669134	10,660856
0,025681089	0,057022357	6,4871014	down	noncoding	ENST00000442027	3,3264482	3,1777632	2,9637918	6,333442	2,642579	6,4484763	6,2400155	6,6209087	5,99412	6,6283736
0,025681089	0,057022357	6,4871014	down	noncoding	ENST00000442027	3,3264482	3,1777632	2,9637918	6,333442	2,642579	6,4484763	6,2400155	6,6209087	5,99412	6,6283736
0,025681089	0,057022357	6,4871014	down	noncoding	ENST00000442027	3,3264482	3,1777632	2,9637918	6,333442	2,642579	6,4484763	6,2400155	6,6209087	5,99412	6,6283736
0,025681089	0,057022357	6,4871014	down	noncoding	ENST00000442027	3,3264482	3,1777632	2,9637918	6,333442	2,642579	6,4484763	6,2400155	6,6209087	5,99412	6,6283736
0,020096735	0,04772006	2,241191	down	noncoding	ENST00000380330	4,505637	5,1461873	4,4429445	5,4275513	3,9344418	6,194896	5,8765097	5,7314906	5,637343	5,8378506
7,91033E-05	0,001600734	2,2500684	down	noncoding	uc010gni.3	5,5380077	5,473133	5,595354	5,6822643	5,4732647	6,7971845	6,5180798	6,5979967	6,834639	6,863968
0,003591799	0,014503811	2,0074408	down	noncoding	uc002nqa.3	5,9275217	6,343129	5,9789686	5,7131634	5,762064	6,872848	6,78411	6,975003	6,948223	7,17145
9,81975E-06	0,000659839	9,1688466	down	noncoding	TCONS_00027718	2,3977764	2,3729734	2,415766	2,3967412	2,642579	5,4204273	5,7573953	5,8944187	5,253479	5,883817
0,014718724	0,037802583	10,0437794	down	noncoding	ENST00000504107	6,133702	7,1642127	6,2975063	4,4679623	2,642579	8,63872	8,701498	8,828246	8,325752	8,852898
0,001026245	0,006529003	3,8435444	down	noncoding	ENST00000564371	8,158942	8,614839	8,42723	7,3229923	7,560634	9,995273	9,975288	10,025962	9,656187	10,144114
0,00885654	0,026225366	2,380464	down	noncoding	TCONS_00006285	3,6750097	4,0853076	3,4883418	3,6521518	2,642579	4,2009473	4,95606	5,1971583	4,8484683	4,59697
0,003111929	0,013246311	2,6654147	down	noncoding	ENST00000500682	9,265457	9,819914	9,367873	9,247004	8,567858	10,612394	10,662142	10,843725	10,45908	10,762565
0,003111929	0,013246311	2,6654147	down	noncoding	ENST00000500682	9,265457	9,819914	9,367873	9,247004	8,567858	10,612394	10,662142	10,843725	10,45908	10,762565
0,040218684	0,079848459	2,1038544	down	noncoding	ENST00000370638	4,1677375	4,077452	4,195262	5,2764683	4,4083843	5,8600373	5,623858	5,602696	4,9905996	5,4132876
3,50655E-05	0,001106319	6,3538262	down	noncoding	TCONS_00028996	4,641687	4,8482027	5,147611	4,268883	5,017995	7,3900366	7,316093	7,4464736	7,3312316	7,778672
0,037641786	0,075956848	3,9777168	down	noncoding	ENST00000574727	7,637845	8,493476	7,6399837	6,2532787	4,4597707	8,981416	9,035335	9,04718	8,584901	8,795225
0,018395289	0,044633717	6,8731646	down	noncoding	NR_038294	3,9929848	4,9014235	4,171864	3,7904334	2,642579	8,569513	8,796596	7,003958	4,192096	4,8419943
0,039913316	0,079391506	2,5932896	down	noncoding	uc010bmf.3	4,6264133	5,2133713	4,4239135	4,964065	2,642579	5,605798	5,6861043	5,817861	5,8801246	5,7543707
0,00012446	0,002021309	5,8824004	down	noncoding	uc010gpn.2	2,3977764	2,3729734	2,415766	2,3967412	2,642579	5,223694	4,950193	5,2002077	4,2786126	5,3551536
0,003185776	0,013456011	2,2432422	down	noncoding	TCONS_00004747	5,394301	5,5323486	5,7624784	9,105685	5,5331764	6,836458	7,0803576	7,0256457	9,610671	6,602784
0,001645417	0,008669382	2,081083	down	noncoding	uc003wvz.1	10,572361	10,612394	10,595599	11,669653	10,58295	11,8460655	11,846752	11,725565	12,177916	11,723331
0,00017951	0,00244064	3,4168861	down	noncoding	ENST00000425161	5,200624	5,4130716	5,0184026	4,6414933	5,221144	6,898265	6,710156	7,0692387	6,594127	7,0863595
0,00017951	0,00244064	3,4168861	down	noncoding	ENST00000425161	5,200624	5,4130716	5,0184026	4,6414933	5,221144	6,898265	6,710156	7,0692387	6,594127	7,0863595
0,000592708	0,004676792	9,7425023	down	noncoding	uc003apt.1	6,770397	7,412524	7,1581106	6,496074	6,0111556	10,030998	9,871242	9,970511	9,971957	10,425015
0,034161422	0,070542358	2,0204711	down	noncoding	TCONS_00021755	4,134201	4,4660487	4,7031183	6,680418	2,642579	5,2001076	5,817462	5,41642	6,68989	4,575944
0,034161422	0,070542358	2,0204711	down	noncoding	TCONS_00021755	4,134201	4,4660487	4,7031183	6,680418	2,642579	5,2001076	5,817462	5,41642	6,68989	4,575944
0,006667593	0,021661983	2,1643439	down	noncoding	uc002ebp.1	4,875304	5,0656524	4,9567432	5,1705084	4,2331004	6,208149	5,912961	6,0032635	5,709736	6,0368476
0,000446592	0,003988027	4,3414704	down	noncoding	TCONS_00010083	7,63254	8,111915	7,5969887	8,00005	7,185876	9,911423	9,8632965	9,969585	9,559859	9,814125
0,001334216	0,007651678	5,5827058	down	noncoding	ENST00000512384	3,364035	4,234863	3,3980575	3,2181551	2,642579	5,8644714	5,775446	6,000184	5,5022564	6,1201544
0,001334216	0,007651678	5,5827058	down	noncoding	ENST00000512384	3,364035	4,234863	3,3980575	3,2181551	2,642579	5,8644714	5,775446	6,000184	5,5022564	6,1201544
0,001334216	0,007651678	5,5827058	down	noncoding	ENST00000512384	3,364035	4,234863	3,3980575	3,2181551	2,642579	5,8644714	5,775446	6,000184	5,5022564	6,1201544
0,002790349	0,012299008	5,3785842	down	noncoding	ENST00000563602	3,9763598	4,682417	3,7553654	3,6586943	2,642579	6,085044	6,2075458	6,328237	5,84164	6,389081
0,000142787	0,002177762	2,1198353	down	noncoding	TCONS_00021722	9,703998	9,577035	9,7715225	10,233916	9,904413	10,9323015	10,88326	10,738337	11,219982	10,836765
0,000355175	0,00355632	2,9162878	down	noncoding	ENST00000582422	4,0611405	3,7000248	3,455089	3,4287057	4,3436046	5,305599	5,2299657	5,431665	5,1286	5,6134005

0,016277617	0,040877979	2,0126877	down	noncoding	uc009yjc.1	4,038654	3,9605873	3,827151	5,4335456	4,450923	5,222269	5,4765224	5,340351	5,715928	5,001407
0,001748204	0,009021199	13,90341	down	noncoding	ENST00000540226	3,0734499	2,7172143	3,2403154	5,1958637	2,642579	7,0907793	6,973023	7,3652277	7,0160346	7,411192
0,001748204	0,009021199	13,90341	down	noncoding	ENST00000540226	3,0734499	2,7172143	3,2403154	5,1958637	2,642579	7,0907793	6,973023	7,3652277	7,0160346	7,411192
0,005524052	0,019186831	2,0695624	down	noncoding	ENST00000431090	6,384347	6,94284	6,4822574	6,7874746	5,860657	7,6365786	7,806622	7,676364	7,193138	7,391502
0,005524052	0,019186831	2,0695624	down	noncoding	ENST00000431090	6,384347	6,94284	6,4822574	6,7874746	5,860657	7,6365786	7,806622	7,676364	7,193138	7,391502
0,005524052	0,019186831	2,0695624	down	noncoding	ENST00000431090	6,384347	6,94284	6,4822574	6,7874746	5,860657	7,6365786	7,806622	7,676364	7,193138	7,391502
0,005524052	0,019186831	2,0695624	down	noncoding	ENST00000431090	6,384347	6,94284	6,4822574	6,7874746	5,860657	7,6365786	7,806622	7,676364	7,193138	7,391502
0,016252977	0,040843862	2,5816742	down	noncoding	NR_040059	5,349643	5,919195	5,5822935	3,804547	4,877268	6,3188367	6,4584255	6,626817	6,261275	6,709127
0,026670278	0,058619874	3,5723481	down	noncoding	ENST00000544015	2,3977764	2,5354943	2,415766	4,870492	2,642579	4,463411	5,0310135	4,9476185	4,587024	5,017404
0,008374739	0,025279876	3,1138016	down	noncoding	ENST00000398241	7,5475945	7,9846087	7,869641	6,241656	6,8324056	8,91865	8,845372	8,958302	8,813136	9,133831
0,005673202	0,019530457	2,1497446	down	noncoding	uc001zsy.3	6,0488987	6,4292054	5,9140105	5,092415	5,4531226	6,96429	6,880858	6,996728	6,610294	7,0063086
0,005673202	0,019530457	2,1497446	down	noncoding	uc001zsy.3	6,0488987	6,4292054	5,9140105	5,092415	5,4531226	6,96429	6,880858	6,996728	6,610294	7,0063086
0,000936064	0,006156692	4,9375075	down	noncoding	TCONS_00003929	3,7645	4,1156034	3,3828325	3,6894464	2,642579	5,755289	5,835625	5,973641	5,716616	5,832705
0,008014037	0,024506406	2,1520496	down	noncoding	ENST00000515525	9,363565	9,78248	9,411039	8,582487	9,0997715	10,195029	10,232809	10,476846	10,314251	10,548964
0,003213954	0,01351708	3,3981314	down	noncoding	ENST00000543624	3,8505216	3,4368877	3,9239004	3,738243	2,642579	5,3166556	5,236489	5,612922	4,8338003	5,415973
0,000688849	0,005093723	2,0117938	down	noncoding	TCONS_00013884	4,9159937	5,311572	5,35905	5,224019	5,02399	6,204601	6,1958313	6,149584	6,0602145	6,266806
0,000426012	0,00390089	2,0971986	down	noncoding	ENST00000443621	4,7951345	4,9079585	4,929289	5,400234	5,26917	6,1374006	5,927925	6,1824255	6,22854	6,1678123
0,002959576	0,012781874	9,539439	down	noncoding	uc003wdr.3	3,1523588	3,0692182	3,195932	5,8902936	2,642579	6,6661305	6,5998745	6,90446	7,1934757	6,855963
0,001303534	0,007543043	8,0826426	down	noncoding	NR_047681	2,3977764	4,3196163	3,4053698	2,3967412	2,642579	6,1155643	6,035244	6,0505753	5,7676497	6,2671847
0,001303534	0,007543043	8,0826426	down	noncoding	NR_047681	2,3977764	4,3196163	3,4053698	2,3967412	2,642579	6,1155643	6,035244	6,0505753	5,7676497	6,2671847
0,001303534	0,007543043	8,0826426	down	noncoding	NR_047681	2,3977764	4,3196163	3,4053698	2,3967412	2,642579	6,1155643	6,035244	6,0505753	5,7676497	6,2671847
0,001303534	0,007543043	8,0826426	down	noncoding	NR_047681	2,3977764	4,3196163	3,4053698	2,3967412	2,642579	6,1155643	6,035244	6,0505753	5,7676497	6,2671847
0,001303534	0,007543043	8,0826426	down	noncoding	NR_047681	2,3977764	4,3196163	3,4053698	2,3967412	2,642579	6,1155643	6,035244	6,0505753	5,7676497	6,2671847
0,003444947	0,014114959	2,3402891	down	noncoding	NR_027427	5,862911	6,2201643	5,9064245	4,8185234	5,6453195	6,9681244	6,923336	6,88127	6,613845	7,200201
0,003444947	0,014114959	2,3402891	down	noncoding	NR_027427	5,862911	6,2201643	5,9064245	4,8185234	5,6453195	6,9681244	6,923336	6,88127	6,613845	7,200201
0,003444947	0,014114959	2,3402891	down	noncoding	NR_027427	5,862911	6,2201643	5,9064245	4,8185234	5,6453195	6,9681244	6,923336	6,88127	6,613845	7,200201
0,000309517	0,003302611	4,0342028	down	noncoding	ENST00000541615	9,413271	9,7529	9,490949	8,863957	9,193253	11,279815	11,246381	11,416666	11,341061	11,491825
0,000309517	0,003302611	4,0342028	down	noncoding	ENST00000541615	9,413271	9,7529	9,490949	8,863957	9,193253	11,279815	11,246381	11,416666	11,341061	11,491825
0,000309517	0,003302611	4,0342028	down	noncoding	ENST00000541615	9,413271	9,7529	9,490949	8,863957	9,193253	11,279815	11,246381	11,416666	11,341061	11,491825
0,002331438	0,01096656	3,8340493	down	noncoding	NR_028500	12,314067	12,696268	12,438858	11,418844	11,684057	13,9622135	13,889216	14,098075	14,004087	14,292847
0,002331438	0,01096656	3,8340493	down	noncoding	NR_028500	12,314067	12,696268	12,438858	11,418844	11,684057	13,9622135	13,889216	14,098075	14,004087	14,292847
0,002331438	0,01096656	3,8340493	down	noncoding	NR_028500	12,314067	12,696268	12,438858	11,418844	11,684057	13,9622135	13,889216	14,098075	14,004087	14,292847
0,002331438	0,01096656	3,8340493	down	noncoding	NR_028500	12,314067	12,696268	12,438858	11,418844	11,684057	13,9622135	13,889216	14,098075	14,004087	14,292847
0,002331438	0,01096656	3,8340493	down	noncoding	NR_028500	12,314067	12,696268	12,438858	11,418844	11,684057	13,9622135	13,889216	14,098075	14,004087	14,292847
0,002546345	0,011607785	2,4708101	down	noncoding	ENST00000449678	3,974248	4,5452285	4,325314	3,8711731	4,391206	5,7734046	5,20633	5,4915886	5,4497313	5,7110357
0,046077761	0,088278874	2,5758214	down	noncoding	ENST00000532454	6,555286	7,198123	6,4588785	4,884649	4,758509	7,316228	7,284347	7,507264	7,1967344	7,376035
0,000291982	0,003203566	2,4086016	down	noncoding	HMlincRNA1466+	5,947505	6,0883117	6,190709	5,877782	6,136908	7,527448	7,4456124	7,2400703	6,881557	7,487507
7,99766E-06	0,000618835	7,7641443	down	noncoding	ENST00000579400	2,3977764	2,3729734	2,415766	2,3967412	2,642579	5,501795	5,063205	5,616325	5,145143	5,6835027
0,000251617	0,002925764	2,0200044	down	noncoding	ENST00000496154	6,552177	6,4801784	6,667306	6,7068453	6,5206723	7,667706	7,640859	7,4142704	7,6029863	7,6731496
0,000251617	0,002925764	2,0200044	down	noncoding	ENST00000496154	6,552177	6,4801784	6,667306	6,7068453	6,5206723	7,667706	7,640859	7,4142704	7,6029863	7,6731496
8,99629E-06	0,000642185	68,3488368	down	noncoding	ENST00000449151	4,4007826	4,3913393	4,1592903	5,1337204	5,350171	10,692817	10,570981	10,90886	10,759201	10,977669
0,00168767	0,008813697	2,5416325	down	noncoding	ENST00000423913	4,143138	3,872261	4,4302063	3,5378716	4,0404043	5,041099	5,6307683	5,457747	4,8270755	5,7959685
0,003663907	0,014706379	3,6130804	down	noncoding	ENST00000434020	5,5313516	6,09525	5,6399913	5,321432	4,159983	7,225534	7,304779	7,3441334	6,967263	7,1724453
0,033661699	0,069715001	3,5711774	down	noncoding	ENST00000563605	3,2991714	3,891572	2,415766	5,785609	2,642579	5,1837316	5,309157	5,6291676	5,6859937	5,4086466
0,00021982	0,002731019	81,608216	down	noncoding	TCONS_00010748	2,3977764	3,2837439	2,415766	4,8523507	2,642579	9,322854	9,376568	9,603379	9,357279	9,6853485
0,000353031	0,003549285	71,2097785	down	noncoding	TCONS_00010751	2,3977764	3,7953708	3,21506	5,236853	2,642579	9,526168	9,471128	9,7019005	9,505038	9,853422
0,023573009	0,053622937	2,0640945	down	noncoding	ENST00000561794	4,4082623	4,8425813	4,3300924	6,542816	3,8204353	5,6286783	5,7344337	5,928141	6,5267467	5,3537326
0,039093953	0,078129754	2,5576216	down	noncoding	uc004fto.3	2,9103134	2,3729734	2,415766	4,4712415	4,2366567	4,8817825	4,3112817	4,633849	4,3331795	5,0208726
0,034849297	0,071692339	2,6233876	down	noncoding	ENST00000450760	2,3977764	2,4887724	3,7672105	5,042683	2,642579	4,407324	4,6726475	4,9526644	4,7951345	4,4684057
8,68219E-05	0,001660225	6,1941339	down	noncoding	uc003zpr.3	3,6117754	3,2411385	2,994987	3,7770483	3,7239728	6,153439	5,992742	6,0999413	5,8738365	6,383476
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362

0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,03134544	0,066188634	2,9162601	down	noncoding	NR_047618	5,8377213	4,4176626	5,90938	8,004131	6,430229	7,4426336	7,546628	7,536905	8,186418	7,6071362
0,009966502	0,028527717	2,2325028	down	noncoding	uc003qjo.1	4,029919	4,4764347	4,5084896	3,441839	3,8582456	4,941596	5,188053	5,2286825	5,4581394	5,291767
0,000352553	0,003546886	12,6338705	down	noncoding	ENST00000434329	2,3977764	2,3729734	2,415766	3,7444315	2,642579	6,362749	6,4222817	6,423931	6,1088295	6,551859
0,000352553	0,003546886	12,6338705	down	noncoding	ENST00000434329	2,3977764	2,3729734	2,415766	3,7444315	2,642579	6,362749	6,4222817	6,423931	6,1088295	6,551859
0,000352553	0,003546886	12,6338705	down	noncoding	ENST00000434329	2,3977764	2,3729734	2,415766	3,7444315	2,642579	6,362749	6,4222817	6,423931	6,1088295	6,551859
0,000352553	0,003546886	12,6338705	down	noncoding	ENST00000434329	2,3977764	2,3729734	2,415766	3,7444315	2,642579	6,362749	6,4222817	6,423931	6,1088295	6,551859
0,000352553	0,003546886	12,6338705	down	noncoding	ENST00000434329	2,3977764	2,3729734	2,415766	3,7444315	2,642579	6,362749	6,4222817	6,423931	6,1088295	6,551859
0,007693517	0,023787132	2,4505619	down	noncoding	TCONS_00010585	4,63369	4,7508693	4,390773	3,0193858	4,412514	5,505854	5,426289	5,728866	5,198989	5,812797
2,31686E-07	0,000248592	2,8618673	down	noncoding	NR_031765	8,646234	8,718302	8,670077	8,385272	8,691663	10,155112	10,240511	10,248009	9,915275	10,137425
2,31686E-07	0,000248592	2,8618673	down	noncoding	NR_031765	8,646234	8,718302	8,670077	8,385272	8,691663	10,155112	10,240511	10,248009	9,915275	10,137425
2,31686E-07	0,000248592	2,8618673	down	noncoding	NR_031765	8,646234	8,718302	8,670077	8,385272	8,691663	10,155112	10,240511	10,248009	9,915275	10,137425
2,31686E-07	0,000248592	2,8618673	down	noncoding	NR_031765	8,646234	8,718302	8,670077	8,385272	8,691663	10,155112	10,240511	10,248009	9,915275	10,137425
2,31686E-07	0,000248592	2,8618673	down	noncoding	NR_031765	8,646234	8,718302	8,670077	8,385272	8,691663	10,155112	10,240511	10,248009	9,915275	10,137425
2,31686E-07	0,000248592	2,8618673	down	noncoding	NR_031765	8,646234	8,718302	8,670077	8,385272	8,691663	10,155112	10,240511	10,248009	9,915275	10,137425
2,31686E-07	0,000248592	2,8618673	down	noncoding	NR_031765	8,646234	8,718302	8,670077	8,385272	8,691663	10,155112	10,240511	10,248009	9,915275	10,137425
2,31686E-07	0,000248592	2,8618673	down	noncoding	NR_031765	8,646234	8,718302	8,670077	8,385272	8,691663	10,155112	10,240511	10,248009	9,915275	10,137425
2,31686E-07	0,000248592	2,8618673	down	noncoding	NR_031765	8,646234	8,718302	8,670077	8,385272	8,691663	10,155112	10,240511	10,248009	9,915275	10,137425
2,31686E-07	0,000248592	2,8618673	down	noncoding	NR_031765	8,646234	8,718302	8,670077	8,385272	8,691663	10,155112	10,240511	10,248009	9,915275	10,137425
2,31686E-07	0,000248592	2,8618673	down	noncoding	NR_031765	8,646234	8,718302	8,670077	8,385272	8,691663	10,155112	10,240511	10,248009	9,915275	10,137425
0,005913182	0,020108357	2,4033922	down	noncoding	TCONS_00003916	4,1865788	4,041828	3,7199202	3,7996259	2,642579	5,1361165	5,501593	4,780821	4,56041	4,736952
0,017599994	0,043229235	3,2669473	down	noncoding	ENST00000456785	3,4276853	4,538641	4,0100784	2,8398128	2,642579	5,4118123	4,6077776	5,716296	4,9553485	5,307278
0,006772333	0,02188201	4,6841396	down	noncoding	TCONS_00012016	3,470685	4,0320287	3,5412986	4,8730626	2,642579	6,237413	6,076331	5,891363	5,5778446	5,9156227
0,006772333	0,02188201	4,6841396	down	noncoding	TCONS_00012016	3,470685	4,0320287	3,5412986	4,8730626	2,642579	6,237413	6,076331	5,891363	5,5778446	5,9156227
0,015745488	0,03988731	2,1417236	down	noncoding	ENST00000331856	3,785107	3,920639	3,1257288	3,0724247	4,100111	4,7326035	4,3252425	4,957293	4,696209	4,786524
0,008962195	0,02645342	2,0767706	down	noncoding	TCONS_00022431	4,5384264	5,010399	5,2450743	8,460973	5,0407333	6,216511	6,421566	6,1594863	8,876431	5,893321
0,027901003	0,060594992	2,0865217	down	noncoding	ENST00000427343	3,843264	3,9687252	3,6894464	4,180761	2,642579	4,0133257	4,6824994	4,56041	5,9046135	4,4694266
0,01251213	0,03347122	3,6248457	down	noncoding	NR_038402	5,3678956	6,000611	5,3503857	6,45027	3,755516	7,152759	7,2708187	7,165707	7,412749	7,2122426
0,008099889	0,024682117	4,8265921	down	noncoding	ENST00000475250	4,020926	5,11196	4,8114448	4,43119	2,642579	6,58968	6,4	6,43582	6,3799067	6,5677176
0,00447611	0,016722051	2,2591626	down	noncoding	ENST00000430595	5,371771	5,6359363	5,4670043	5,975526	5,2030325	6,6996484	6,6935234	6,828845	6,4353943	6,8747997
0,00447611	0,016722051	2,2591626	down	noncoding	ENST00000430595	5,371771	5,6359363	5,4670043	5,975526	5,2030325	6,6996484	6,6935234	6,828845	6,4353943	6,8747997
0,00118728	0,007143469	7,1631879	down	noncoding	uc001uzi.1	3,5106137	3,654968	4,225708	5,0408397	2,642579	6,577614	6,4284873	6,4693103	7,1324377	6,669868
0,022633025	0,052061242	9,2731894	down	noncoding	ENST00000426412	8,399021	9,295865	8,5113735	10,207151	4,8366494	11,807732	11,802196	11,491825	11,052664	11,160971
0,000400012	0,003796033	2,7678462	down	noncoding	ENST00000558470	4,898328	5,068682	5,0308547	5,3113003	5,2406054	6,727873	6,517825	6,6302066	6,3169827	6,700702
0,013408014	0,035215396	4,1523515	down	noncoding	BG287098	3,2581756	4,2508087	2,415766	6,8206935	2,642579	5,6597805	6,0313826	5,7819085	7,220997	4,963597
0,005789128	0,019823338	2,8675316	down	noncoding	ENST00000542401	2,9095545	4,296358	3,1373577	2,3967412	2,642579	4,783969	4,7388325	4,627555	4,1724873	4,6587934
5,30525E-05	0,001354167	3,4016795	down	noncoding	TCONS_00026747	7,961309	8,20677	7,98532	7,593722	7,574962	9,712395	9,710923	9,706538	9,341529	9,681934
7,44373E-05	0,00156604	2,644189	down	noncoding	ENST00000568337	4,4083843	4,5323176	4,201114	4,038852	4,336646	5,6125946	5,737161	5,6895466	5,542653	5,9494853
0,028640363	0,061684047	2,9632349	down	noncoding	ENST00000326237	4,135227	4,054426	4,0596156	2,3967412	5,900131	5,786625	5,7303443	5,7609787	5,2655253	5,8385324
0,007593788	0,023573336	5,9764393	down	noncoding	ENST00000411560	4,431712	5,572311	4,75902	3,6286252	2,642579	6,895398	6,7793694	6,8602805	6,382625	7,0130053
0,007593788	0,023573336	5,9764393	down	noncoding	ENST00000411560	4,431712	5,572311	4,75902	3,6286252	2,642579	6,895398	6,7793694	6,8602805	6,382625	7,0130053
0,005985104	0,02029689	2,0461307	down	noncoding	NR_026796	3,7569406	3,3255544	3,1525257	4,1556005	4,0989976	4,3609543	4,8274374	4,64625	4,8646617	4,954807
0,006284425	0,02091836	4,4514864	down	noncoding	ENST00000576745	5,011071	5,6369553	4,669638	4,741928	2,642579	6,7411976	6,8293886	6,776517	6,8289976	6,2975063
0,010648053	0,029844032	2,1723399	down	noncoding	TCONS_00026494	3,394299	4,0205326	3,578894	6,407761	2,642579	4,377082	4,9469223	4,576299	7,026924	4,7130876
0,000436355	0,003956848	2,0210741	down	noncoding	TCONS_00007052	5,016825	5,237752	4,894131	4,8991385	4,9889255	5,8758388	6,1440086	6,2517943	5,765198	6,0755434
0,006266268	0,020899482	4,4296708	down	noncoding	ENST00000412143	6,1682987	6,718139	6,383819	6,7315235	4,8840084	8,157105	8,213786	8,419297	8,232887	8,598711
0,001639322	0,008655782	3,5982577	down	noncoding	NR_045999	8,767444	9,217159	8,819749	7,738242	8,394048	10,381703	10,3618355	10,550953	10,310244	10,568399
0,002630634	0,01183505	2,4931541	down	noncoding	NR_073004	6,434174	6,6326966	6,4886208	5,1976695	6,118726	7,6165733	7,424317	7,6138515	7,1477957	7,6592097
0,002630634	0,01183505	2,4931541	down	noncoding	NR_073004	6,434174	6,6326966	6,4886208	5,1976695	6,118726	7,6165733	7,424317	7,6138515	7,1477957	7,6592097
0,002630634	0,01183505	2,4931541	down	noncoding	NR_073004	6,434174	6,6326966	6,4886208	5,1976695	6,118726	7,6165733	7,424317	7,6138515	7,1477957	7,6592097
0,002630634	0,01183505	2,4931541	down	noncoding	NR_073004	6,434174	6,6326966	6,4886208	5,1976695	6,118726	7,6165733	7,424317	7,6138515	7,1477957	7,6592097
0,002630634	0,01183505	2,4931541	down	noncoding	NR_073004	6,434174	6,6326966	6,4886208	5,1976695	6,118726	7,6165733	7,424317	7,6138515	7,1477957	7,6592097
0,000718905	0,005236423	2,5616275	down	noncoding	uc009vjo.1	5,335327	4,961344	5,5056033	4,747649	5,832346	6,7009077	6,722612	6,881369	6,1731777	6,6895065
0,023302837	0,053179839	3,1542324	down	noncoding	ENST00000436033	4,106191	4,822048	3,8879097	2,3967412	5,419466	5,696915	5,74373	5,990103	5,5544806	5,933572
0,006274987	0,02090578	2,0278037	down	noncoding	ENST00000543061	6,77806	6,5206723	6,758738	7,3249674	7,0706043	8,080602	8,026314	7,799597	7,6996455	7,9464736
0,006274987	0,02090578	2,0278037	down	noncoding	ENST00000543061	6,77806	6,5206723	6,758738	7,3249674	7,0706043	8,080602	8,026314	7,799597	7,6996455	7,9464736
0,00032598	0,003402299	3,1058464	down	noncoding	TCONS_00008338	6,8408856	7,0301533	6,743682	7,0990887	6,858774	8,641255	8,693605	8,718302	8,224263	8,470091
2,23456E-05	0,000918902	3,0894161	down	noncoding	NR_028468	9,862752	9,838697	9,8363695	9,886224	9,884926	11,52805	11,616368	11,5748	11,2597685	11,466653
2,23456E-05	0,000918902	3,0894161	down	noncoding	NR_028468	9,862752	9,838697	9,8363695	9,886224	9,884926	11,52805	11,616368	11,5748	11,2597685	11,466653
2,23456E-05	0,000918902	3,0894161	down	noncoding	NR_028468	9,862752	9,838697	9,8363695	9,886224	9,884926	11,52805	11,616368	11,5748	11,2597685	11,466653
2,23456E-05	0,000918902	3,0894161	down	noncoding	NR_028468	9,862752	9,838697	9,8363695	9,886224	9,884926	11,52805	11,616368	11,5748	11,2597685	11,466653
2,23456E-05	0,000918902	3,0894161	down	noncoding	NR_028468	9,862752	9,838697	9,8363695	9,886224	9,884926	11,52805	11,616368	11,5748	11,2597685	11,466653
2,23456E-05	0,000918902	3,0894161	down	noncoding	NR_028468	9,862752	9,838697	9,8363695	9,886224	9,884926	11,52805	11,616368	11,5748	11,2597685	11,466653
2,23456E-05	0,000918902	3,0894161	down	noncoding	NR_028468	9,862752	9,838697	9,8363695	9,886224	9,884926	11,52805	11,616368	11,5748	11,2597685	11,466653
2,23456E-05	0,000918902	3,0894161	down	noncoding	NR_028468	9,862752	9,838697	9,8363695	9,886224	9,884926	11,52805	11,616368	11,5748	11,2597685	11,466653
2,23456E-05	0,000918902	3,0894161	down	noncoding	NR_028468	9,862752	9,838697	9,8363695	9,886224	9,884926	11,52805	11,616368	11,5748	11,2597685	11,466653
2,23456E-05	0,000918902	3,0894161	down	noncoding	NR_028468	9,862752	9,838697	9,8363695	9,886224	9,884926	11,52805	11,616368	11,5748	11,2597685	11,466653
0,000511552	0,004305367	5,3819837	down	noncoding	TCONS_00014252	5,2734327	5,734914	5,4271393	4,057337	5,2003245	7,4667344	7,5303473	7,779431	7,2866235	7,7707014

0,002359375	0,011062352	3,5330477	down	noncoding	TCONS_00027244	7,1818924	7,7262764	7,2912173	6,6495996	6,3563766	8,810907	8,769394	9,0072365	8,709965	9,012426
0,005852818	0,019944384	46,8653561	down	noncoding	ENST00000430908	5,2623286	6,074969	5,1414547	8,920935	2,642579	11,009697	10,999825	11,228864	11,197347	11,358783
0,013594756	0,035610399	2,0276391	down	noncoding	uc001upx.4	6,12262	6,5230865	6,174892	5,3027453	5,457481	6,847346	6,8708806	7,101797	6,6723866	7,187419
0,003856195	0,015140953	8,2346693	down	noncoding	TCONS_00026129	8,386298	9,162419	8,449512	8,305141	5,8666654	11,322699	11,347113	11,133857	10,707299	10,867621
0,000260255	0,002983946	2,5290666	down	noncoding	TCONS_00028474	5,12106	5,2540607	5,4192166	5,591791	5,2623286	6,799698	6,663722	6,623219	6,612845	6,641998
0,000630253	0,004826167	6,0200739	down	noncoding	TCONS_00027247	7,510345	8,083132	7,594754	6,740958	6,80881	9,926818	9,869111	9,987833	9,818779	10,084364
0,000848025	0,005774021	6,461772	down	noncoding	ENST00000515184	3,565561	3,771009	3,6560016	2,3967412	2,642579	5,7030673	5,881961	6,034286	5,7942834	6,0779433
0,001158173	0,00705246	3,5074959	down	noncoding	uc.57+	4,8085513	4,6030293	5,0292435	5,538149	4,7698135	6,8096194	6,714236	6,6822624	6,5702596	7,0246162
0,002228865	0,010609995	2,1542858	down	noncoding	ENST00000457720	4,4657526	4,335712	4,362148	5,853258	4,228375	5,716616	5,653499	5,660299	6,330959	5,419921
0,000980995	0,006322774	5,5295094	down	noncoding	ENST00000585181	2,3977764	3,612624	2,415766	2,6244292	3,8376453	5,3251724	5,3382864	5,5927005	5,243663	5,724176
0,000282889	0,003136402	2,9487857	down	noncoding	ENST00000555866	10,308973	10,29507	10,326907	10,904773	10,409763	11,882986	11,902436	12,156308	11,973689	12,130672
0,000138504	0,002150448	20,6358177	down	noncoding	uc002nrq.3	2,3977764	2,3729734	2,415766	3,7409842	2,642579	6,9230466	7,093605	7,2544165	6,9069934	7,227411
0,024747255	0,055608892	3,117891	down	noncoding	ENST00000543527	3,8566558	3,937541	3,6245873	7,0663004	2,642579	5,717991	5,998745	5,8956575	6,857336	4,8607864
0,046210415	0,088452755	2,117782	down	noncoding	ENST00000417026	3,9092617	4,632904	3,6938927	4,364661	2,642579	4,96113	4,877184	4,9792767	4,8027916	5,0356865
0,000205341	0,002619657	2,5443265	down	noncoding	uc021suk.1	4,8232045	4,9557977	4,8930106	4,9674296	4,879777	6,3217473	6,1779237	6,173771	6,0409775	6,541219
0,000205341	0,002619657	2,5443265	down	noncoding	uc021suk.1	4,8232045	4,9557977	4,8930106	4,9674296	4,879777	6,3217473	6,1779237	6,173771	6,0409775	6,541219
2,85865E-05	0,00102793	15,3565407	down	noncoding	ENST00000483806	2,951892	2,9944172	2,415766	2,3967412	2,642579	6,410816	6,532129	6,7264256	6,498043	6,9378886
0,014743005	0,037853074	2,3775887	down	noncoding	TCONS_00010236	7,3322873	7,302204	7,1293097	10,524088	7,4141483	8,85254	8,861697	8,977855	10,624633	8,632808
0,004382981	0,016461518	3,6587362	down	noncoding	ENST00000422807	4,3670125	4,1237917	3,6452498	3,924981	2,642579	5,6589227	5,5048404	5,788425	5,4500875	5,6580653
0,001497148	0,00821015	3,3172597	down	noncoding	ENST00000539303	7,670956	8,031332	7,743739	6,7249956	7,3079286	9,185329	9,180712	9,243642	9,0997715	9,4194565
0,001497148	0,00821015	3,3172597	down	noncoding	ENST00000539303	7,670956	8,031332	7,743739	6,7249956	7,3079286	9,185329	9,180712	9,243642	9,0997715	9,4194565
0,001497148	0,00821015	3,3172597	down	noncoding	ENST00000539303	7,670956	8,031332	7,743739	6,7249956	7,3079286	9,185329	9,180712	9,243642	9,0997715	9,4194565
0,004467441	0,016695024	7,3024204	down	noncoding	TCONS_00022102	5,419921	5,1851788	4,0378647	3,215839	2,642579	7,034678	7,1770196	7,0686755	6,5052	7,057683
0,007453492	0,023313262	2,1958304	down	noncoding	ENST00000526694	5,1047964	5,471178	5,171057	3,71615	4,132191	6,0202904	6,0445023	6,01218	5,370302	5,821931
0,017307499	0,042773834	7,464981	down	noncoding	NR_033811	5,16257	6,0131125	5,3318005	2,3967412	2,642579	7,1378245	7,1442866	7,400822	6,857031	7,507532
0,017307499	0,042773834	7,464981	down	noncoding	NR_033811	5,16257	6,0131125	5,3318005	2,3967412	2,642579	7,1378245	7,1442866	7,400822	6,857031	7,507532
0,004882521	0,01767298	6,2282795	down	noncoding	ENST00000487102	7,677989	8,3175125	7,6466174	5,901062	6,1851907	9,721429	9,727851	9,922406	9,637602	9,913252
0,004882521	0,01767298	6,2282795	down	noncoding	ENST00000487102	7,677989	8,3175125	7,6466174	5,901062	6,1851907	9,721429	9,727851	9,922406	9,637602	9,913252
0,004882521	0,01767298	6,2282795	down	noncoding	ENST00000487102	7,677989	8,3175125	7,6466174	5,901062	6,1851907	9,721429	9,727851	9,922406	9,637602	9,913252
0,004882521	0,01767298	6,2282795	down	noncoding	ENST00000487102	7,677989	8,3175125	7,6466174	5,901062	6,1851907	9,721429	9,727851	9,922406	9,637602	9,913252
0,014713054	0,037796667	2,5907736	down	noncoding	ENST00000378417	3,1944277	3,9757817	4,163238	3,2715564	2,642579	4,563116	4,9280777	4,5770454	5,0428667	5,0033917
0,00044912	0,003991886	2,383231	down	noncoding	ENST00000449289	11,020566	11,244424	11,021465	11,263231	10,603816	12,330007	12,292255	12,353675	12,214827	12,227332
0,00044912	0,003991886	2,383231	down	noncoding	ENST00000449289	11,020566	11,244424	11,021465	11,263231	10,603816	12,330007	12,292255	12,353675	12,214827	12,227332
0,035368628	0,072468177	2,0341264	down	noncoding	ENST00000450187	3,94333	3,3988886	4,3715725	4,288473	2,642579	4,637207	4,471938	4,8478026	4,893321	4,916621
0,00547343	0,019069263	12,679454	down	noncoding	ENST00000420153	6,9239044	7,430058	7,093605	10,215521	6,482611	11,25903	11,147285	11,404133	11,29731	11,360045
0,000199892	0,002580097	2,7695415	down	noncoding	ENST00000421068	6,8010573	7,023057	6,79359	6,395218	6,46916	8,166949	8,145374	8,229939	8,060204	8,227852
0,000199892	0,002580097	2,7695415	down	noncoding	ENST00000421068	6,8010573	7,023057	6,79359	6,395218	6,46916	8,166949	8,145374	8,229939	8,060204	8,227852
0,025027586	0,05605982	4,1600198	down	noncoding	ENST00000493198	4,9889255	5,3103843	4,6986265	3,5853603	4,746682	8,337229	8,508598	7,089098	4,3487506	5,329255
0,010658766	0,02986273	3,6308384	down	noncoding	uc002qxu.3	4,5766478	4,943926	4,6985254	3,0198736	2,642579	5,9346285	5,7706623	6,3531566	5,246725	5,877893
0,000200918	0,002591072	20,2059352	down	noncoding	ENST00000563717	3,9192998	3,8937693	4,2635303	4,84237	2,642579	8,0210495	8,012287	8,18091	8,732104	8,298734
0,009394424	0,02731999	2,1707342	down	noncoding	uc001nvr.3	5,2865906	5,313236	5,227811	4,1923504	4,775819	5,885982	6,068465	6,1499143	6,092188	6,190173
0,009394424	0,02731999	2,1707342	down	noncoding	uc001nvr.3	5,2865906	5,313236	5,227811	4,1923504	4,775819	5,885982	6,068465	6,1499143	6,092188	6,190173
0,009394424	0,02731999	2,1707342	down	noncoding	uc001nvr.3	5,2865906	5,313236	5,227811	4,1923504	4,775819	5,885982	6,068465	6,1499143	6,092188	6,190173
3,43635E-05	0,001094791	10,2081011	down	noncoding	ENST00000562064	2,3977764	3,1104453	3,7308958	2,710632	2,642579	6,1440086	6,3249927	6,5937934	5,9521923	6,3355546
0,008811551	0,026139284	3,4976647	down	noncoding	ENST00000440665	7,900981	8,570481	7,883779	6,862273	6,362749	9,386329	9,40804	9,28976	9,172939	9,355155
0,001026979	0,006530862	7,014496	down	noncoding	ENST00000381217	2,3977764	2,3729734	2,415766	3,8656046	2,642579	5,6120505	5,3662586	5,6393933	5,3718452	5,756849
0,001026979	0,006530862	7,014496	down	noncoding	ENST00000381217	2,3977764	2,3729734	2,415766	3,8656046	2,642579	5,6120505	5,3662586	5,6393933	5,3718452	5,756849
0,007079683	0,022549707	3,3326226	down	noncoding	ENST00000472346	4,300522	4,362473	4,2343907	3,5982075	4,824688	5,6388927	5,6978254	7,17077	5,6338673	5,8622155
0,007079683	0,022549707	3,3326226	down	noncoding	ENST00000472346	4,300522	4,362473	4,2343907	3,5982075	4,824688	5,6388927	5,6978254	7,17077	5,6338673	5,8622155
0,007079683	0,022549707	3,3326226	down	noncoding	ENST00000472346	4,300522	4,362473	4,2343907	3,5982075	4,824688	5,6388927	5,6978254	7,17077	5,6338673	5,8622155
0,04747097	0,090248836	3,8536354	down	noncoding	ENST00000482019	5,54517	6,38397	5,4913893	5,3588867	2,642579	7,122724	6,87429	7,085602	6,855826	7,2146535
0,037219888	0,075290545	2,1406189	down	noncoding	ENST00000429521	6,60935	7,4616623	6,8663487	5,7165165	5,392743	7,4189186	7,5714955	7,7207785	7,200201	7,6253667
0,006620826	0,021566935	11,1211141	down	noncoding	ENST00000568986	2,3977764	2,3729734	2,415766	5,44802	2,642579	6,4616766	6,3812113	6,77806	6,248846	6,783468
0,006620826	0,021566935	11,1211141	down	noncoding	ENST00000568986	2,3977764	2,3729734	2,415766	5,44802	2,642579	6,4616766	6,3812113	6,77806	6,248846	6,783468
0,006291801	0,020928769	2,1848798	down	noncoding	TCONS_00018082	5,080516	4,4393945	4,649464	6,4544625	5,164968	6,2194643	6,107222	6,126149	6,9052744	6,068465
0,001262984	0,00740994	3,0123078	down	noncoding	uc010ccl.3	7,773185	8,22725	7,9533825	8,334525	7,1697345	9,285045	9,323453	9,239476	10,219888	9,344561
0,003445888	0,014114959	6,1746801	down	noncoding	uc003qrv.1	7,7179685	8,443167	7,8052163	7,4132648	6,2198224	10,114531	9,997225	10,158266	10,094928	10,366311
0,003445888	0,014114959	6,1746801	down	noncoding	uc003qrv.1	7,7179685	8,443167	7,8052163	7,4132648	6,2198224	10,114531	9,997225	10,158266	10,094928	10,366311
0,020845762	0,049010422	2,1025757	down	noncoding	TCONS_00022845	3,5400531	3,8400304	3,1606617	2,3967412	4,1306663	4,516954	4,467312	4,746398	4,2595983	4,438679
0,000342815	0,003500884	2,5877389	down	noncoding	NR_037661	6,5424256	6,6627107	6,634441	6,4562263	6,253686	7,749054	7,766008	7,931573	7,911781	8,049534
0,000342815	0,003500884	2,5877389	down	noncoding	NR_037661	6,5424256	6,6627107	6,634441	6,4562263	6,253686	7,749054	7,766008	7,931573	7,911781	8,049534
0,000342815	0,003500884	2,5877389	down	noncoding	NR_037661	6,5424256	6,6627107	6,634441	6,4562263	6,253686	7,749054	7,766008	7,931573	7,911781	8,049534
0,000342815	0,003500884	2,5877389	down	noncoding	NR_037661	6,5424256	6,6627107	6,634441	6,4562263	6,253686	7,749054	7,766008	7,931573	7,911781	8,049534
0,000342815	0,003500884	2,5877389	down	noncoding	NR_037661	6,5424256	6,6627107	6,634441	6,4562263	6,253686	7,749054	7,766008	7,931573	7,911781	8,049534
0,000342815	0,003500884	2,5877389	down	noncoding	NR_037661	6,5424256	6,6627107	6,634441	6,4562263	6,253686	7,749054	7,766008	7,931573	7,911781	8,049534
0,032975143	0,068774999	2,0991433	down	noncoding	ENST00000562656	4,1548715	4,5506454	4,5899916	6,6928215	2,642579	5,275509	5,166952	5,1900263	7,353515	4,99391
0,00326381	0,013647498	2,0061952	down	noncoding	ENST00000503797	4,7016387	5,0053754	4,812032	5,690445	4,7270894	6,0622263	5,9236226	5,8085637	6,150752	6,013726
0,00326381	0,013647498	2,0061952	down	noncoding	ENST00000503797	4,7016387	5,0053754	4,812032	5,690445	4,7270894	6,0622263	5,9236226	5,8085637	6,150752	6,013726
0,00326381	0,013647498	2,0061952	down	noncoding	ENST00000503797	4,7016387	5,0053754	4,812032	5,690445	4,7270894	6,0622263	5,9236226	5,8085637	6,150752	6,013726
0,000343578	0,003500884	4,7470574	down	noncoding	ENST00000515019	6,918657	7,3274374	7,4629745	6,7361026	7,075692	9,466209	9,187354	9,29906	8,877598	9,92581
0,011249956	0,03101555	3,3832413	down	noncoding	ENST00000421771	3,9243839	4,3872013	3,9359553	3,2093668	2,642579	5,090826	5,2373075	5,7145777	5,0550165	5,793789
0,028854474	0,062000622	5,3501651	down	noncoding	ENST00000521188	6,438398	6,9378886	6,3693795	9,406651	5,3561044	9,302109	9,300311	9,429231	9,1490345	9,425653

0,000603985	0,00472791	2,0885131	down	noncoding	ENST00000534162	6,6005144	6,7655296	6,713886	6,3453603	6,48998	7,5214033	7,6167965	7,6077895	7,6167965	7,8648653
0,023265932	0,053112018	2,63546	down	noncoding	NR_038892	3,5968695	4,659746	4,2131467	6,119105	2,642579	5,3533506	5,3910217	5,4643674	6,6584864	5,354494
4,58633E-05	0,001239147	2,9451024	down	noncoding	uc001abr.1	9,576879	9,568767	9,634255	9,732104	9,615788	11,254131	11,280749	11,270617	10,992218	11,121667
0,000937687	0,006159143	2,0853067	down	noncoding	ENST00000444754	9,326216	9,69219	9,305812	8,983593	8,552401	10,342218	10,40165	10,328402	10,068928	10,020312
0,004479086	0,016724712	2,5313213	down	noncoding	ENST00000454833	3,9662755	4,6432395	3,7739482	2,681963	4,3225403	5,200767	5,2566175	5,3536186	4,709609	5,5668077
0,000109435	0,00187917	2,0957818	down	noncoding	TCONS_00024672	8,266588	8,229436	8,429943	8,8707905	8,397138	9,474395	9,436019	9,346747	9,754105	9,520072
0,004024581	0,0155909	3,915764	down	noncoding	ENST00000445730	4,284342	4,5093236	4,633151	5,4382915	4,0412993	6,576227	6,555441	6,665662	6,18223	6,7733164
4,05696E-05	0,001194354	10,2698296	down	noncoding	TCONS_00004755	3,4140055	3,2133853	3,9501839	2,7539635	3,7826505	6,7581654	6,861118	6,778173	6,5547347	6,9636993
0,012735491	0,033888698	2,7580484	down	noncoding	ENST00000559012	6,03129	6,363739	6,1733747	4,3110566	5,657683	7,0796247	7,177993	7,239353	7,0085225	7,349889
0,024839666	0,05573181	2,0040703	down	noncoding	TCONS_00006703	3,8380604	4,158312	4,2554536	5,299799	2,642579	4,9817266	4,9715943	4,780979	5,785609	4,6889606
0,000308803	0,003302546	2,160074	down	noncoding	ENST00000442226	6,5875373	6,3367047	6,4906187	7,5575943	6,410099	7,597645	7,563632	7,6707687	8,353254	7,752658
0,002904069	0,012662963	6,3066326	down	noncoding	ENST00000539988	2,3977764	3,2877965	3,2243996	4,7856665	4,114894	6,182767	6,0624185	6,299587	6,108447	6,441663
0,001024084	0,006523681	2,7611256	down	noncoding	NR_015423	5,9391093	6,6373844	6,253979	5,479907	5,8214426	7,4828925	7,4925523	7,6255474	7,214112	7,6430006
3,25737E-06	0,000449913	2,6642144	down	noncoding	NR_027700	9,15853	9,154266	9,208677	9,035875	9,152699	10,48035	10,563967	10,685272	10,375085	10,673924
0,001443728	0,008052052	2,5944331	down	noncoding	NR_072987	5,8703613	6,055871	5,8396864	4,9766703	5,5171156	6,9977546	6,986005	7,090877	6,8292603	7,2329044
0,001443728	0,008052052	2,5944331	down	noncoding	NR_072987	5,8703613	6,055871	5,8396864	4,9766703	5,5171156	6,9977546	6,986005	7,090877	6,8292603	7,2329044
0,001443728	0,008052052	2,5944331	down	noncoding	NR_072987	5,8703613	6,055871	5,8396864	4,9766703	5,5171156	6,9977546	6,986005	7,090877	6,8292603	7,2329044
0,001443728	0,008052052	2,5944331	down	noncoding	NR_072987	5,8703613	6,055871	5,8396864	4,9766703	5,5171156	6,9977546	6,986005	7,090877	6,8292603	7,2329044
0,001443728	0,008052052	2,5944331	down	noncoding	NR_072987	5,8703613	6,055871	5,8396864	4,9766703	5,5171156	6,9977546	6,986005	7,090877	6,8292603	7,2329044
0,001443728	0,008052052	2,5944331	down	noncoding	NR_072987	5,8703613	6,055871	5,8396864	4,9766703	5,5171156	6,9977546	6,986005	7,090877	6,8292603	7,2329044
0,001443728	0,008052052	2,5944331	down	noncoding	NR_072987	5,8703613	6,055871	5,8396864	4,9766703	5,5171156	6,9977546	6,986005	7,090877	6,8292603	7,2329044
0,001443728	0,008052052	2,5944331	down	noncoding	NR_072987	5,8703613	6,055871	5,8396864	4,9766703	5,5171156	6,9977546	6,986005	7,090877	6,8292603	7,2329044
0,022877576	0,052436057	2,0080981	down	noncoding	ENST00000418204	4,2515	5,020299	4,8979073	6,8852015	4,2398305	5,7575355	5,90938	5,8496604	6,9372406	5,8700705
0,016682166	0,04157601	2,219494	down	noncoding	TCONS_00003574	5,2878065	4,427135	5,601878	5,8634987	5,3956614	6,377508	6,5936356	6,598318	6,221627	6,536045
0,002368607	0,011091778	2,1828917	down	noncoding	NR_024153	6,733313	7,0305715	6,902237	5,9906616	6,3707547	7,787167	7,7022295	7,8176546	7,4113264	7,940363
0,01876343	0,045344038	2,3984995	down	noncoding	ENST00000415809	4,8203506	4,944027	4,587322	5,026408	3,742361	5,9879813	5,7544765	5,914623	5,567445	6,2066035
0,023929573	0,054241589	2,8248948	down	noncoding	ENST00000559970	6,4803963	6,7889705	6,6094675	5,7340198	5,8580313	8,947294	9,164794	8,065674	5,9863567	6,7977524
0,006540276	0,021403619	2,0654487	down	noncoding	ENST00000425309	9,38464	9,795603	9,49819	8,741964	8,779404	10,278009	10,29278	10,317289	10,217092	10,326907
0,001056283	0,006645722	2,4558488	down	noncoding	AK054588	7,350995	7,689141	7,444217	6,6880035	6,9918857	8,523659	8,568957	8,573758	8,349955	8,629022
0,006533035	0,021384657	2,2526084	down	noncoding	uc001buv.4	5,366101	4,9940987	5,604891	5,683192	5,362194	6,899528	6,7040005	6,291566	6,276577	6,696788
7,37811E-05	0,001559958	13,0413555	down	noncoding	TCONS_00017645	4,825407	4,530022	4,5514774	5,527479	5,25813	8,749379	8,657445	8,548818	8,429189	8,832794
0,001134062	0,006948713	4,7087316	down	noncoding	NR_038965	7,038838	6,995758	6,8634286	8,107846	6,6992054	9,274793	9,2657795	9,438465	9,364248	9,538483
0,001134062	0,006948713	4,7087316	down	noncoding	NR_038965	7,038838	6,995758	6,8634286	8,107846	6,6992054	9,274793	9,2657795	9,438465	9,364248	9,538483
0,001501761	0,008215789	3,5323188	down	noncoding	ENST00000559884	7,163391	7,817416	7,3210835	7,1416464	6,3076973	8,978378	9,036101	9,133273	8,74357	8,96299
0,006261565	0,020894033	3,1921118	down	noncoding	ENST00000519008	3,732549	4,379188	3,949563	6,8201895	4,330936	6,0722523	6,322501	6,08117	7,388696	5,720362
0,01050976	0,029594892	4,1426571	down	noncoding	ENST00000504250	3,4852085	3,2883172	2,8768783	4,5994325	2,642579	5,224019	5,3702035	5,581304	5,142767	5,826904
0,009959959	0,028521261	2,932284	down	noncoding	TCONS_00004374	2,3977764	3,1876543	3,0730214	4,56643	2,642579	4,950193	4,4176626	4,815956	5,0719805	4,3717933
0,003535191	0,014377157	8,5011342	down	noncoding	ENST00000566140	7,912609	8,873118	8,103151	7,524702	5,3697233	10,828058	10,977146	10,800841	10,225746	10,389789
0,002947206	0,012765361	2,6244048	down	noncoding	uc002bht.4	4,0642905	4,3700886	4,2029095	3,1455688	4,741439	5,4124074	5,3730474	5,7243633	5,2854757	5,688954
0,000120259	0,001981397	18,6044552	down	noncoding	ENST00000513793	2,3977764	2,3729734	3,256302	3,8185678	2,642579	6,960284	6,994718	7,380121	6,9631658	7,277791
0,036668702	0,074450713	2,0396635	down	noncoding	ENST00000580372	5,865864	5,557178	5,7590065	7,0753536	6,107843	7,229755	7,1148214	7,1354628	6,8010573	7,2258043
1,17279E-05	0,000693308	2,5005076	down	noncoding	uc001abq.1	4,5063124	4,8730626	4,8081584	4,770582	5,1965475	5,9507318	6,151547	6,242202	5,968853	6,452434
0,001821215	0,009243043	2,7837499	down	noncoding	ENST00000413567	9,309941	9,346291	9,402438	11,025812	9,169726	11,280749	11,134647	10,74625	11,833269	10,644441
0,000137534	0,002150448	6,5273593	down	noncoding	ENST00000413145	4,0262575	3,707435	4,2251816	3,1153934	4,4079556	6,3805637	6,530704	6,6878877	6,509186	6,906379
0,00329611	0,013702729	20,0594638	down	noncoding	ENST00000565044	2,3977764	3,1073272	2,415766	5,616676	2,642579	7,559902	7,5587378	7,7065268	7,2460957	7,739918
0,002401309	0,011196628	2,0857919	down	noncoding	ENST00000575792	9,952835	10,100339	9,998103	10,550483	9,936652	11,082705	11,096282	11,310061	11,04885	11,30349
0,011385596	0,031275413	3,1802067	down	noncoding	TCONS_00019440	3,9834766	4,5522885	4,222533	7,140918	2,642579	5,7115793	6,2395205	6,035884	7,5193696	5,3810444
0,002558067	0,011639938	2,2809743	down	noncoding	uc004aew.1	5,7118387	5,6135254	5,9132423	6,16059	5,1297665	6,8843203	6,8713126	6,6907024	7,0907793	6,9400992
0,029067853	0,062376062	3,0110132	down	noncoding	ENST00000505877	2,3977764	3,3008049	2,415766	6,119734	2,642579	4,5257187	5,01759	4,8712754	5,8649983	4,548323
0,037117846	0,075114972	3,4129349	down	noncoding	TCONS_00007014	4,5084143	4,571934	4,4521885	2,3967412	2,642579	5,1071463	5,2927237	5,6856933	5,3747225	5,9666357
0,000487906	0,004180155	7,7389831	down	noncoding	ENST00000577198	8,743946	9,020032	8,907261	10,100658	8,636288	11,977186	11,918194	11,989332	12,020511	12,263682
0,00035911	0,003574824	2,1608285	down	noncoding	ENST00000559650	10,151987	10,325804	10,201536	9,853422	10,209186	11,139595	11,137325	11,400268	11,248527	11,374143
0,04508347	0,086767626	3,5082916	down	noncoding	NR_034002	6,4424863	7,490247	6,788749	7,2628074	4,145853	8,271122	8,336275	8,237013	7,996922	8,342654
0,04508347	0,086767626	3,5082916	down	noncoding	NR_034002	6,4424863	7,490247	6,788749	7,2628074	4,145853	8,271122	8,336275	8,237013	7,996922	8,342654
0,04508347	0,086767626	3,5082916	down	noncoding	NR_034002	6,4424863	7,490247	6,788749	7,2628074	4,145853	8,271122	8,336275	8,237013	7,996922	8,342654
0,04508347	0,086767626	3,5082916	down	noncoding	NR_034002	6,4424863	7,490247	6,788749	7,2628074	4,145853	8,271122	8,336275	8,237013	7,996922	8,342654
7,46894E-07	0,000298334	15,017062	down	noncoding	AK128475R	2,3977764	2,3729734	2,415766	2,3967412	2,642579	6,1987863	6,3976874	6,468936	6,0702	6,6328797
0,000466562	0,004080799	5,4367133	down	noncoding	TCONS_00001483	5,6704025	5,7182264	5,286068	6,7029753	5,7433457	8,522292	8,388177	7,9824367	8,250857	8,190929
0,002447956	0,011330519	7,3987682	down	noncoding	ENST00000435434	4,0392575	4,6736794	4,319287	2,668827	2,642579	6,7065444	6,4300714	6,641886	6,260356	6,7411976
0,001264575	0,007412029	2,1910138	down	noncoding	ENST00000545440	7,925688	8,076985	7,820768	7,2413692	7,745537	8,876685	8,823084	8,918931	8,792253	9,057387
0,001264575	0,007412029	2,1910138	down	noncoding	ENST00000545440	7,925688	8,076985	7,820768	7,2413692	7,745537	8,876685	8,823084	8,918931	8,792253	9,057387
0,001264575	0,007412029	2,1910138	down	noncoding	ENST00000545440	7,925688	8,076985	7,820768	7,2413692	7,745537	8,876685	8,823084	8,918931	8,792253	9,057387
0,000134053	0,00212572	2,4974119	down	noncoding	TCONS_00006381	8,745014	9,086691	8,787535	9,022274	8,571427	10,127497	10,119569	10,141952	10,263216	10,162876
0,005291073	0,018685011	2,2823737	down	noncoding	ENST00000475102	4,6323023	5,503997	5,2133713	8,610407	4,8836336	6,417209	6,6542377	6,517407	9,0531025	6,15443
0,005291073	0,018685011	2,2823737	down	noncoding	ENST00000475102	4,6323023	5,503997	5,2133713	8,610407	4,8836336	6,417209	6,6542377	6,517407	9,0531025	6,15443
0,005291073	0,018685011	2,2823737	down	noncoding	ENST00000475102	4,6323023	5,503997	5,2133713	8,610407	4,8836336	6,417209	6,6542377	6,517407	9,0531025	6,15443
8,73922E-05	0,001664393	2,7319833	down	noncoding	uc011afe.2	5,083765	5,021051	4,875739	4,3564324	4,6300287	6,472992	6,181071	6,4135714	5,8102026	6,3389225
0,002888053	0,012613042	3,35313	down	noncoding	uc002suw.1	4,1196012	4,520985	4,5509176	4,138838	3,8874445	6,3597336	6,794613	6,321395	4,931125	5,5384617
0,002193063	0,010512902	2,8651598	down	noncoding	TCONS_00008387	4,021163	4,882255	4,1949306	7,6922836	3,918507	5,956974	6,0892224	5,9027658	8,519874	5,833381
0,000114613	0,001928284	2,2226992	down	noncoding	uc003eiq.3	4,3889465	4,8098607	4,6137757	3,9300983	4,329305	5,524783	5,791564	5,604071	5,2816277	5,631504
0,000114613	0,001928284	2,2226992	down	noncoding	uc003eiq.3	4,3889465	4,8098607	4,6137757	3,9300983	4,329305	5,524783	5,791564	5,604071	5,2816277	5,631504

0,000114613	0,001928284	2,2226992	down	noncoding	uc003eiq.3	4,3889465	4,8098607	4,6137757	3,9300983	4,329305	5,524783	5,791564	5,604071	5,2816277	5,631504
0,000230165	0,002797371	2,5272945	down	noncoding	TCONS_00023595	5,8151617	5,697936	5,6897964	6,001195	5,5554175	7,0398192	7,156352	6,9620595	7,05685	7,2323947
0,000349977	0,003534284	4,7207288	down	noncoding	ENST00000454203	8,60414	8,7685	8,705984	8,525406	7,504921	11,020566	10,973715	10,570166	10,338784	10,400768
0,000349977	0,003534284	4,7207288	down	noncoding	ENST00000454203	8,60414	8,7685	8,705984	8,525406	7,504921	11,020566	10,973715	10,570166	10,338784	10,400768
6,68025E-08	0,000204926	49,0630481	down	noncoding	uc010zan.1	2,3977764	2,3729734	2,415766	2,3967412	2,642579	7,922098	7,8612328	8,000828	8,072748	8,451754
0,001862057	0,009401894	3,1548246	down	noncoding	NR_038103	7,23793	7,596195	7,3055105	6,123587	6,8548365	8,766083	8,604909	8,728173	8,392536	8,914157
0,000694257	0,005112323	3,835998	down	noncoding	NR_026762	4,435164	5,065184	4,854464	4,6305175	4,0312114	6,4057407	6,609883	6,527751	6,4308534	6,7403226
6,43903E-05	0,001465999	2,1153762	down	noncoding	ENST00000439804	6,086776	5,6805377	6,0692024	6,4133444	6,102043	7,083505	6,9744697	7,111836	7,350581	7,236083
0,019020184	0,045826427	2,0311154	down	noncoding	ENST00000495140	4,05066	3,87483	4,385379	4,4088063	2,642579	4,607368	4,845378	5,3178163	5,016393	4,68666
0,011803469	0,032043253	2,5457575	down	noncoding	ENST00000562322	4,0060024	4,1453743	3,97415	4,2739325	5,719715	5,945225	5,7063427	5,713976	5,5831175	5,910988
5,93215E-05	0,001430301	2,8746122	down	noncoding	ENST00000527617	7,322328	7,707748	7,4382257	7,5239506	7,225534	8,977855	8,930767	8,955001	9,024051	8,946949
0,000134737	0,002131996	3,0388802	down	noncoding	NR_003138	9,914432	9,89634	9,913629	10,392213	10,069435	11,519817	11,581412	11,752564	11,576811	11,773144
0,009942875	0,028477859	5,0697303	down	noncoding	NR_023926	3,182063	4,0831313	2,7833307	7,236083	2,642579	5,779951	6,498227	6,376531	7,721918	5,260105
0,033694349	0,069753297	2,3585718	down	noncoding	HMlincRNA134+	3,4789264	4,040007	3,8669403	2,3967412	2,642579	4,2322383	4,3331795	4,7554317	4,2009473	5,0929646
0,018108356	0,044118594	3,8599348	down	noncoding	TCONS_00028173	3,3759542	4,015267	2,952403	7,038838	2,642579	5,7164006	5,9021063	6,103346	7,1458206	4,90025
0,002437256	0,011305778	3,3965635	down	noncoding	ENST00000547326	5,423328	5,789959	5,600657	4,413086	5,077861	6,8324056	6,92113	7,1835623	6,9869423	7,20123
0,020779312	0,048916446	2,9797269	down	noncoding	TCONS_00011799	3,972264	4,3797374	3,7356675	4,729679	2,642579	5,1672797	5,674157	5,520212	5,2559524	5,7182264
0,031033485	0,06569888	2,1335248	down	noncoding	ENST00000531087	6,5425534	6,46916	6,22498	7,3145447	6,2739944	7,8383574	8,07451	7,8645496	7,125314	7,388696
3,77276E-07	0,000248592	4,0608918	down	noncoding	uc010vhg.2	10,069435	10,16193	10,05261	10,781862	9,975288	12,097658	12,0872965	12,046689	12,8208065	12,097658
0,000375538	0,003673111	3,0816445	down	noncoding	ENST00000478806	4,846959	5,352746	5,1580915	4,365233	5,1118245	6,5619507	6,4964075	6,6283736	6,3578568	6,9087677
0,000375538	0,003673111	3,0816445	down	noncoding	ENST00000478806	4,846959	5,352746	5,1580915	4,365233	5,1118245	6,5619507	6,4964075	6,6283736	6,3578568	6,9087677
0,000375538	0,003673111	3,0816445	down	noncoding	ENST00000478806	4,846959	5,352746	5,1580915	4,365233	5,1118245	6,5619507	6,4964075	6,6283736	6,3578568	6,9087677
0,000375538	0,003673111	3,0816445	down	noncoding	ENST00000478806	4,846959	5,352746	5,1580915	4,365233	5,1118245	6,5619507	6,4964075	6,6283736	6,3578568	6,9087677
0,000375538	0,003673111	3,0816445	down	noncoding	ENST00000478806	4,846959	5,352746	5,1580915	4,365233	5,1118245	6,5619507	6,4964075	6,6283736	6,3578568	6,9087677
0,002734698	0,012158647	4,748463	down	noncoding	TCONS_00019368	6,4847956	6,925631	6,5835533	5,4279175	5,2092786	8,370036	8,411677	8,413764	8,093144	8,579858
0,010446694	0,029475313	7,9116265	down	noncoding	ENST00000542078	4,960192	5,764585	5,1894803	2,3967412	2,642579	7,1270533	7,1833878	7,424601	6,812833	7,325574
0,010446694	0,029475313	7,9116265	down	noncoding	ENST00000542078	4,960192	5,764585	5,1894803	2,3967412	2,642579	7,1270533	7,1833878	7,424601	6,812833	7,325574
0,001250862	0,007369001	8,7122572	down	noncoding	ENST00000552905	5,604891	4,87294	5,4210186	7,2597113	6,2492814	8,929474	8,877598	9,11992	9,088073	9,00801
9,09208E-05	0,001703065	2,5198104	down	noncoding	NR_037636	8,322531	8,745691	8,461807	8,290241	8,404269	9,787426	9,77197	9,854893	9,58555	9,891276
9,09208E-05	0,001703065	2,5198104	down	noncoding	NR_037636	8,322531	8,745691	8,461807	8,290241	8,404269	9,787426	9,77197	9,854893	9,58555	9,891276
0,000676164	0,005041889	2,6359596	down	noncoding	NR_038104	7,507058	7,7468843	7,5560703	6,8357377	7,2039304	8,805208	8,714473	8,840854	8,472036	9,008751
0,009104505	0,026725387	4,9347826	down	noncoding	uc010gri.1	3,2352195	2,8950846	3,119269	6,008307	2,642579	5,7501774	5,6330943	5,81265	6,411173	5,808297
0,000359684	0,003574824	7,0913369	down	noncoding	ENST00000550096	2,3977764	3,5193632	2,415766	2,3967412	2,642579	5,4852195	5,478233	5,561984	4,974597	6,0024805
0,002561275	0,011639938	6,1238839	down	noncoding	ENST00000584331	4,077095	3,8152416	2,415766	4,323627	4,2000875	6,426304	6,148896	6,4995165	6,0904603	6,738875
0,034905724	0,071758477	3,1710433	down	noncoding	ENST00000579633	6,1807733	7,0417037	6,268709	4,359891	4,0220923	7,3975477	7,350022	7,334358	6,8152885	7,300741
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,024390012	0,055010741	3,8050406	down	noncoding	ENST00000437426	4,3607945	5,230463	4,341011	4,919098	2,642579	5,950837	6,0759215	6,486538	6,0459003	6,574308
0,00021444	0,002695756	3,2236788	down	noncoding	ENST00000521802	5,305336	5,308899	5,411441	5,8213644	5,364985	7,2883563	7,032011	7,054988	7,0382586	7,2419515
0,001368285	0,007774656	2,1574769	down	noncoding	ENST00000475395	4,309873	4,475634	4,81501	3,8624685	4,806402	5,722963	5,431094	5,5437593	5,3150992	5,8031974
0,001368285	0,007774656	2,1574769	down	noncoding	ENST00000475395	4,309873	4,475634	4,81501	3,8624685	4,806402	5,722963	5,431094	5,5437593	5,3150992	5,8031974
0,001368285	0,007774656	2,1574769	down	noncoding	ENST00000475395	4,309873	4,475634	4,81501	3,8624685	4,806402	5,722963	5,431094	5,5437593	5,3150992	5,8031974
0,001295239	0,007515639	6,8387392	down	noncoding	ENST00000503263	2,6286597	3,1567612	2,415766	3,7965565	2,642579	5,84164	5,383969	5,893321	5,4936123	5,896432
0,016417461	0,041111275	2,5810686	down	noncoding	TCONS_00020937	4,8175344	4,808982	4,9356575	5,460925	4,8840084	6,840121	7,048804	6,305092	6,000873	5,5520597
0,00018013	0,002446826	3,1736257	down	noncoding	TCONS_00027203	5,0550165	5,135775	5,2424006	5,525755	5,062538	6,8840265	6,641886	6,945566	6,814483	7,0661836
0,001297214	0,007521193	2,3953436	down	noncoding	TCONS_00013683	7,6351657	7,5997033	7,6898775	10,49011	7,9525113	9,247004	9,252798	8,827275	11,488286	8,853168
0,002604895	0,011776612	3,3859113	down	noncoding	TCONS_00004618	3,742361	3,681057	3,4117289	6,9581995	2,642579	5,3031917	5,619466	5,2895904	7,8636513	5,157747
0,003559307	0,01441968	3,7609	down	noncoding	ENST00000443448	4,289589	4,2498627	3,0023227	3,034524	4,753765	5,9014072	5,9201617	5,9371805	5,2616453	5,8650584
0,000378472	0,003685343	3,4372111	down	noncoding	TCONS_00009877	4,0404043	3,5531232	3,522511	3,862197	3,620239	5,3669896	5,4336753	5,5606923	5,3533506	5,789959
0,003728322	0,01483716	3,820659	down	noncoding	ENST00000432535	4,364661	4,185603	3,5156171	5,3304086	4,2853236	6,2981267	6,1597137	6,2942133	6,1415944	6,4570727
0,021190319	0,04957602	2,8420555	down	noncoding	TCONS_00021940	2,870169	3,962298	3,5005205	4,540291	2,642579	5,719715	5,884642	4,880774	5,108055	3,4573452
0,023228605	0,053043193	2,539255	down	noncoding	TCONS_00019576	3,6800108	4,65723	4,2403727	2,3967412	2,642579	4,9140697	5,0938287	4,915375	4,3432493	5,0724373
0,000299872	0,003249723	23,3399182	down	noncoding	ENST00000570288	7,1218343	7,869902	7,381851	7,488515	5,8258677	11,665662	11,592132	11,639238	11,690062	11,824514
0,000401315	0,003796033	3,6859656	down	noncoding	ENST00000427841	7,4616623	7,6387386	7,5224237	6,58886	7,2735763	9,126927	9,11322	9,244637	9,020258	9,390432
0,000275073	0,003082108	2,3306184	down	noncoding	NR_045620	10,092621	10,22765	10,081123	10,683591	9,901124	11,471848	11,389236	11,296367	11,562912	11,36931

0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,00398147	0,015472559	6,5386474	down	noncoding	NR_047628	3,864375	2,3729734	4,185946	4,430798	5,423098	6,769361	6,6775246	6,8293886	6,443157	7,1027203
0,000430696	0,003921911	2,4199463	down	noncoding	ENST00000514791	4,0521374	3,709149	4,182085	4,359606	4,8128777	5,5013647	5,2133713	5,6281824	5,402686	5,745126
0,020266503	0,048060268	2,076847	down	noncoding	TCONS_00026303	2,3977764	4,1650224	3,6997604	5,2482195	2,642579	4,27422	4,780979	4,400423	5,738532	4,2311783
0,000140139	0,002159668	2,2409343	down	noncoding	uc004afc.3	7,780244	7,924459	7,883962	7,8980093	7,929109	9,142319	9,181475	9,146183	8,86925	8,897058
0,021052857	0,049363822	3,0077484	down	noncoding	NR_046226	2,6588924	2,3729734	2,415766	5,758301	2,642579	4,292084	4,9313345	4,5920115	5,7908983	4,185603
0,004268396	0,016212445	3,2668296	down	noncoding	uc001iqb.3	5,253479	5,5981526	5,4612083	3,9474385	4,5429263	6,7438955	6,5495877	6,7768245	6,341135	6,931218
0,004268396	0,016212445	3,2668296	down	noncoding	uc001iqb.3	5,253479	5,5981526	5,4612083	3,9474385	4,5429263	6,7438955	6,5495877	6,7768245	6,341135	6,931218
0,004268396	0,016212445	3,2668296	down	noncoding	uc001iqb.3	5,253479	5,5981526	5,4612083	3,9474385	4,5429263	6,7438955	6,5495877	6,7768245	6,341135	6,931218
0,004268396	0,016212445	3,2668296	down	noncoding	uc001iqb.3	5,253479	5,5981526	5,4612083	3,9474385	4,5429263	6,7438955	6,5495877	6,7768245	6,341135	6,931218
0,004268396	0,016212445	3,2668296	down	noncoding	uc001iqb.3	5,253479	5,5981526	5,4612083	3,9474385	4,5429263	6,7438955	6,5495877	6,7768245	6,341135	6,931218
0,004268396	0,016212445	3,2668296	down	noncoding	uc001iqb.3	5,253479	5,5981526	5,4612083	3,9474385	4,5429263	6,7438955	6,5495877	6,7768245	6,341135	6,931218
0,004268396	0,016212445	3,2668296	down	noncoding	uc001iqb.3	5,253479	5,5981526	5,4612083	3,9474385	4,5429263	6,7438955	6,5495877	6,7768245	6,341135	6,931218
0,004268396	0,016212445	3,2668296	down	noncoding	uc001iqb.3	5,253479	5,5981526	5,4612083	3,9474385	4,5429263	6,7438955	6,5495877	6,7768245	6,341135	6,931218
0,004060809	0,015665542	3,2957312	down	noncoding	ENST00000455380	2,973749	3,7756977	3,9350946	3,7542024	2,642579	5,131943	5,1533937	5,347481	4,788255	5,263243
7,58308E-05	0,001574022	4,8480934	down	noncoding	ENST00000511074	5,9454727	6,169283	5,8519945	4,9715943	5,838246	8,10805	8,015792	8,185687	7,654006	8,200143
0,014720473	0,037802583	3,3336005	down	noncoding	ENST00000564248	8,718302	9,454616	8,798298	8,018018	6,835926	9,983458	10,086489	10,280952	10,232307	9,92736
0,01603085	0,040409335	2,8838973	down	noncoding	ENST00000575325	4,470729	4,826202	4,242564	7,2153697	3,8175697	6,102506	6,333867	6,441749	7,326533	6,0078783
1,25397E-05	0,000715535	2,586566	down	noncoding	NR_027410	9,429516	9,548064	9,373269	9,113636	9,359874	10,756054	10,755053	10,866931	10,586764	10,714747
0,002873144	0,012566497	5,1090261	down	noncoding	uc001rjz.3	3,838889	4,5619555	3,4087336	7,606916	2,642579	6,2515035	6,5370536	6,507613	8,792637	5,7355075
0,003308945	0,01373291	6,6806029	down	noncoding	ENST00000568384	3,3806467	3,219241	3,7100184	5,948652	2,642579	6,383655	6,3249083	6,472791	7,057517	6,3621573
0,012470363	0,033369454	3,7694413	down	noncoding	ENST00000555853	3,9189022	4,5742936	3,920813	6,7651687	4,1534553	6,4801784	6,6763983	6,4636307	6,944821	6,339358
0,022617003	0,052040586	3,2008996	down	noncoding	uc004edk.1	4,5425687	5,418473	4,473976	7,8157372	4,4007826	6,685831	6,7700386	6,9189396	7,814946	6,8541694
0,010808807	0,030174417	2,0397269	down	noncoding	uc003pyn.2	4,099987	4,073965	4,382762	7,726027	4,7762747	5,4147625	5,808008	5,3654833	8,364289	5,248353
0,000303469	0,003272566	41,564268	down	noncoding	ENST00000521141	6,8432355	7,5279613	6,9731665	8,958735	6,4351497	12,585793	12,555775	12,786637	12,7563925	12,94001
0,023667173	0,053811869	3,2125007	down	noncoding	TCONS_00010377	3,4514828	4,290378	3,173366	6,701194	2,642579	5,6998763	5,525755	5,8069086	6,7353673	4,9095764
0,003537869	0,014380135	2,0078557	down	noncoding	ENST00000424770	5,4359646	5,017404	5,5508657	6,6425996	5,3669896	6,4441175	6,597481	6,324437	7,2627215	6,4133444
0,035707439	0,072929829	2,7255379	down	noncoding	ENST00000430751	7,2849436	7,6564164	7,0612497	5,073562	6,10273	7,9821525	8,024857	8,185408	7,890876	8,328313
0,035707439	0,072929829	2,7255379	down	noncoding	ENST00000430751	7,2849436	7,6564164	7,0612497	5,073562	6,10273	7,9821525	8,024857	8,185408	7,890876	8,328313
0,001304058	0,00754312	2,3993941	down	noncoding	NR_038118	6,4819756	6,586511	6,448887	5,995831	6,117032	7,640859	7,397403	7,7075024	7,2905087	7,9073143
0,027166948	0,059419908	2,4505718	down	noncoding	ENST00000513071	3,6663504	4,694825	3,8626516	5,687286	2,642579	4,8249044	5,377266	5,405267	6,1537166	5,25813
0,027166948	0,059419908	2,4505718	down	noncoding	ENST00000513071	3,6663504	4,694825	3,8626516	5,687286	2,642579	4,8249044	5,377266	5,405267	6,1537166	5,25813
0,027166948	0,059419908	2,4505718	down	noncoding	ENST00000513071	3,6663504	4,694825	3,8626516	5,687286	2,642579	4,8249044	5,377266	5,405267	6,1537166	5,25813
0,027166948	0,059419908	2,4505718	down	noncoding	ENST00000513071	3,6663504	4,694825	3,8626516	5,687286	2,642579	4,8249044	5,377266	5,405267	6,1537166	5,25813
0,001411186	0,007926992	3,1412095	down	noncoding	ENST00000415530	3,488977	3,8513076	3,35579	3,8352623	2,642579	5,009227	4,9889255	5,2958317	5,188452	4,9480805
0,001292005	0,007505437	2,7807376	down	noncoding	TCONS_00028253	3,9318366	3,4287999	4,2090096	5,730921	3,7419071	5,2424006	5,5411477	5,239086	7,051475	5,345703
0,014785563	0,037918984	2,4268613	down	noncoding	ENST00000357510	4,7513866	4,9568906	4,628726	6,050127	4,0791993	6,4439573	6,0208087	5,9156227	6,3034754	6,1779237
0,014785563	0,037918984	2,4268613	down	noncoding	ENST00000357510	4,7513866	4,9568906	4,628726	6,050127	4,0791993	6,4439573	6,0208087	5,9156227	6,3034754	6,1779237
0,006741522	0,021811066	2,6327874	down	noncoding	NR_027164	8,20822	8,532097	8,206472	6,98838	7,527448	9,267227	9,190637	9,456993	9,144386	9,386329
0,006741522	0,021811066	2,6327874	down	noncoding	NR_027164	8,20822	8,532097	8,206472	6,98838	7,527448	9,267227	9,190637	9,456993	9,144386	9,386329
0,013282152	0,034965607	2,1582415	down	noncoding	ENST00000523427	3,9181473	3,9807205	4,4088063	3,2078927	5,35767	5,191697	5,0784044	5,3375416	5,1422706	5,6726046
0,001660347	0,008724201	2,8107147	down	noncoding	NR_037637	9,076077	9,243167	9,097575	9,97662	8,924729	10,682934	10,725489	10,873191	10,718664	10,772575
0,001660347	0,008724201	2,8107147	down	noncoding	NR_037637	9,076077	9,243167	9,097575	9,97662	8,924729	10,682934	10,725489	10,873191	10,718664	10,772575
0,001022095	0,006513815	5,8326687	down	noncoding	uc021zkp.1	6,25039	6,4601717	6,16059	8,203983	6,0126367	9,052572	8,923624	9,106315	9,632772	9,093269
0,000466043	0,004080358	6,476087	down	noncoding	ENST00000453636	5,426289	5,579151	5,3736973	5,6318426	4,420881	7,7513657	7,827545	8,041023	8,190199	8,09734
0,013113801	0,034639654	2,3013027	down	noncoding	NR_024469	5,3441114	5,7112665	5,2124076	7,2944956	4,3534784	6,6714582	6,897267	6,5160217	7,511877	6,3313894
0,013113801	0,034639654	2,3013027	down	noncoding	NR_024469	5,3441114	5,7112665	5,2124076	7,2944956	4,3534784	6,6714582	6,897267	6,5160217	7,511877	6,3313894

0,013113801	0,034639654	2,3013027	down	noncoding	NR_024469	5,3441114	5,7112665	5,2124076	7,2944956	4,3534784	6,6714582	6,897267	6,5160217	7,511877	6,3313894
0,013113801	0,034639654	2,3013027	down	noncoding	NR_024469	5,3441114	5,7112665	5,2124076	7,2944956	4,3534784	6,6714582	6,897267	6,5160217	7,511877	6,3313894
0,039246424	0,078370882	3,1500437	down	noncoding	ENST00000423428	2,3977764	4,1809154	3,766242	7,176256	4,538826	5,595354	6,0565186	6,0571117	7,2377777	5,390113
0,011404257	0,03128767	2,0931654	down	noncoding	ENST00000541803	4,6411667	4,9010277	4,3921666	6,058334	3,9462287	5,7492065	6,054604	5,6689878	6,2308426	5,5637145
0,011404257	0,03128767	2,0931654	down	noncoding	ENST00000541803	4,6411667	4,9010277	4,3921666	6,058334	3,9462287	5,7492065	6,054604	5,6689878	6,2308426	5,5637145
0,011404257	0,03128767	2,0931654	down	noncoding	ENST00000541803	4,6411667	4,9010277	4,3921666	6,058334	3,9462287	5,7492065	6,054604	5,6689878	6,2308426	5,5637145
0,011404257	0,03128767	2,0931654	down	noncoding	ENST00000541803	4,6411667	4,9010277	4,3921666	6,058334	3,9462287	5,7492065	6,054604	5,6689878	6,2308426	5,5637145
0,011404257	0,03128767	2,0931654	down	noncoding	ENST00000541803	4,6411667	4,9010277	4,3921666	6,058334	3,9462287	5,7492065	6,054604	5,6689878	6,2308426	5,5637145
2,43609E-05	0,000957524	3,5985672	down	noncoding	TCONS_00019322	8,218639	8,286113	8,174496	8,45875	8,336275	10,002755	10,013717	10,293156	10,116077	10,285681
0,007510178	0,023436006	2,5004867	down	noncoding	ENST00000570309	5,985292	6,696701	6,243528	5,1211395	5,2475815	7,315122	7,1953382	7,288176	6,8361235	7,270527
0,007510178	0,023436006	2,5004867	down	noncoding	ENST00000570309	5,985292	6,696701	6,243528	5,1211395	5,2475815	7,315122	7,1953382	7,288176	6,8361235	7,270527
0,002558917	0,011639938	2,2432708	down	noncoding	ENST00000456937	10,112323	10,613153	10,172768	9,469001	9,062232	11,294064	11,349104	11,144903	10,625129	10,844296
8,68052E-05	0,001660225	4,045731	down	noncoding	ENST00000456812	12,1224	12,373542	12,107649	12,233323	11,70922	14,121343	14,085485	14,221655	14,057259	14,142394
0,000501353	0,004263233	5,6086348	down	noncoding	ENST00000521428	3,012029	2,454219	3,5563102	3,770068	2,642579	5,5438814	5,471089	5,5171156	5,6838994	5,657468
0,000264532	0,003021241	3,5928403	down	noncoding	TCONS_00006894	4,7182593	5,096824	4,96569	4,1529093	4,4229927	6,532778	6,5733376	6,5183907	6,323606	6,634187
0,00085791	0,005820734	11,3710026	down	noncoding	ENST00000453103	4,1108084	5,2245855	4,056587	3,349846	2,642579	7,3503065	7,5343065	7,489024	7,1994667	7,34774
0,00085791	0,005820734	11,3710026	down	noncoding	ENST00000453103	4,1108084	5,2245855	4,056587	3,349846	2,642579	7,3503065	7,5343065	7,489024	7,1994667	7,34774
0,00064297	0,004891418	2,5320505	down	noncoding	uc001agf.1	11,350095	11,357062	11,315917	10,93495	11,214887	12,638389	12,498208	12,322733	12,741775	12,673337
1,85873E-05	0,000858683	2,8680649	down	noncoding	ENST00000560512	7,8774285	7,8238635	7,9062166	7,444512	8,0289	9,293569	9,251371	9,385645	9,21098	9,539744
0,00532171	0,018752873	2,1608145	down	noncoding	TCONS_00026386	2,3977764	3,3808234	3,0734499	6,1206493	3,766567	3,6501064	4,8308	4,6606464	6,75055	4,4050393
0,003338915	0,013822359	2,1544755	down	noncoding	ENST00000509000	4,372214	5,0442014	4,6244164	6,636704	4,4911556	5,692728	5,513768	5,940369	8,084972	5,473538
0,000819286	0,005660699	5,5480693	down	noncoding	ENST00000511512	4,5321784	4,9460516	4,57299	4,7572823	3,75462	6,840328	6,7201433	7,177832	7,006916	7,177832
0,00291943	0,012702442	5,2176726	down	noncoding	uc010gir.2	3,2705855	2,8361127	3,4059625	3,400593	2,642579	6,065956	6,3377132	5,4983263	4,7000623	4,870807
0,002101869	0,010214905	2,8640333	down	noncoding	ENST00000560053	5,493125	5,60857	5,361469	4,809064	5,2849226	6,5060506	6,763624	6,736516	6,857169	7,2840323
7,18115E-06	0,000603946	2,1257706	down	noncoding	ENST00000508401	6,392513	6,2621965	6,287426	6,342182	6,313258	7,40533	7,272027	7,491312	7,4417067	7,4271293
0,000722595	0,00525294	4,0465756	down	noncoding	ENST00000558556	4,6096106	4,955474	4,5471005	4,1446633	4,3708887	6,3910785	6,2779055	6,641998	6,485454	6,9148088
3,98854E-07	0,000248592	2,3326824	down	noncoding	ENST00000531465	12,04028	12,123357	12,092188	11,96386	12,1615715	13,299268	13,275345	13,351257	13,178595	13,386741
3,98854E-07	0,000248592	2,3326824	down	noncoding	ENST00000531465	12,04028	12,123357	12,092188	11,96386	12,1615715	13,299268	13,275345	13,351257	13,178595	13,386741
3,98854E-07	0,000248592	2,3326824	down	noncoding	ENST00000531465	12,04028	12,123357	12,092188	11,96386	12,1615715	13,299268	13,275345	13,351257	13,178595	13,386741
3,98854E-07	0,000248592	2,3326824	down	noncoding	ENST00000531465	12,04028	12,123357	12,092188	11,96386	12,1615715	13,299268	13,275345	13,351257	13,178595	13,386741
3,98854E-07	0,000248592	2,3326824	down	noncoding	ENST00000531465	12,04028	12,123357	12,092188	11,96386	12,1615715	13,299268	13,275345	13,351257	13,178595	13,386741
0,011360838	0,031249175	2,5592404	down	noncoding	TCONS_00026642	4,90025	5,1869063	4,978765	7,500793	4,7508693	6,791199	6,753994	6,420193	7,6714654	6,4593105
0,008203923	0,024906693	3,6868053	down	noncoding	NR_026821	3,404251	4,595979	3,8694646	7,492065	3,929451	6,1989217	6,454382	6,3651447	8,054284	5,6303344
0,00196613	0,009777064	2,4567277	down	noncoding	TCONS_00001553	4,9376125	5,6286783	5,0540986	7,7023416	4,822909	6,498762	6,8371964	6,7892203	8,384417	6,119734
0,002440606	0,011312583	2,1808674	down	noncoding	TCONS_00003530	5,586982	5,569184	5,40659	4,908511	5,6487837	6,403037	6,405884	6,4279456	6,620801	6,8868933
0,025117869	0,056180613	2,3316806	down	noncoding	ENST00000420187	3,2673814	2,8039005	2,847608	4,1885757	2,642579	4,254197	4,3225403	4,5325513	4,158774	4,588833
0,011507239	0,031470298	2,6136997	down	noncoding	TCONS_00026334	6,5990033	7,014368	6,5085387	5,46078	5,2644515	7,629614	7,611869	7,624022	7,285572	7,6265316
0,021280755	0,04972231	2,9946814	down	noncoding	ENST00000430770	3,4001367	2,583391	3,3045707	4,1509905	5,114063	5,4803944	5,1118245	5,521032	4,7298036	5,62211
0,000855735	0,005817252	3,4408106	down	noncoding	TCONS_00010227	3,2390015	3,6459222	4,287617	5,525106	4,4116144	5,5779896	5,693585	5,665158	7,382901	5,70337
0,000561182	0,004537039	2,9872517	down	noncoding	ENST00000555968	5,080939	5,4695454	5,2339153	4,56931	4,992549	6,637055	6,5812483	6,61488	6,4480834	6,959086
0,000561182	0,004537039	2,9872517	down	noncoding	ENST00000555968	5,080939	5,4695454	5,2339153	4,56931	4,992549	6,637055	6,5812483	6,61488	6,4480834	6,959086
0,000561182	0,004537039	2,9872517	down	noncoding	ENST00000555968	5,080939	5,4695454	5,2339153	4,56931	4,992549	6,637055	6,5812483	6,61488	6,4480834	6,959086
0,007774469	0,023964099	2,1907676	down	noncoding	ENST00000546607	3,0387146	3,211728	3,851428	4,3015895	3,661513	4,4424124	4,81034	4,3617277	4,949178	5,1584973
0,001592286	0,008500345	2,975794	down	noncoding	ENST00000546413	8,540675	9,039558	8,579062	7,8241396	8,123592	9,864262	9,968476	10,183851	9,796791	10,16002
0,005019412	0,018018432	3,03428	down	noncoding	ENST00000513718	3,4948843	2,8383212	3,4972951	5,290903	2,642579	4,161415	5,1136055	4,7560844	7,2741055	4,4655433
0,000265064	0,003021241	3,298059	down	noncoding	ENST00000583065	14,667634	14,633163	14,643172	15,08993	14,643172	16,466814	16,466814	16,57518	16,250935	16,525414
0,008707442	0,025934559	2,0193422	down	noncoding	ENST00000545800	4,7985587	4,4577274	4,939854	5,375918	4,8618507	5,886427	5,782714	6,0127826	5,5797563	6,241656
0,001027856	0,006531814	2,3526465	down	noncoding	NR_034013	6,1640897	6,389839	6,221756	7,6691365	5,939871	7,594264	7,503249	7,415598	8,460865	7,582139
0,027614013	0,06011305	3,2428193	down	noncoding	ENST00000461808	5,976776	6,5280523	6,1499143	3,529703	5,3043723	7,291688	7,032225	7,258372	6,9274697	7,4653063
0,009773645	0,028134924	2,8565835	down	noncoding	AK098701	3,5689464	3,804802	3,6299603	3,1634214	2,642579	4,0081577	5,0839195	5,15943	5,118837	5,0108185
0,007870691	0,024173097	2,2464632	down	noncoding	NR_046227	4,96113	4,598599	4,7128143	5,761452	5,5418415	6,3468933	6,125876	6,384347	6,1580563	6,3989415
0,003715489	0,014812845	3,7889098	down	noncoding	ENST00000419832	3,648705	4,296565	3,7463825	4,122438	5,2427907	6,1701326	6,3989415	6,2309794	5,8156147	6,050127
0,006578246	0,021470398	3,3277458	down	noncoding	ENST00000560683	2,7230039	2,6130733	2,7924078	6,100711	2,642579	4,7834387	4,994543	4,8985553	6,5839686	4,2839956
0,003334836	0,013813213	3,1207027	down	noncoding	NR_024610	5,698638	5,858315	5,2129397	4,421816	5,038612	6,86605	6,7568927	7,046796	6,714785	7,0551515
0,021745004	0,050521837	3,8230642	down	noncoding	AK123125	4,4928913	4,7604904	4,311903	2,9861834	2,642579	5,4702306	5,654981	5,840549	5,592402	6,3095317
0,014941078	0,038222987	3,7686126	down	noncoding	ENST00000511547	4,557703	3,9589348	4,720573	6,8110027	4,6756325	6,7677283	6,6965857	6,9451084	6,894373	6,990218
0,016934614	0,042006825	3,5226668	down	noncoding	ENST00000531155	2,3977764	2,8943136	3,455768	5,691022	2,642579	5,0055504	5,0861297	5,2741427	5,740602	5,0583744
0,001606256	0,008554545	41,8743015	down	noncoding	ENST00000513915	2,7399874	4,199013	3,6106515	6,41555	2,642579	9,172939	9,195292	9,383688	9,270355	9,525473
2,7254E-05	0,001001956	13,7982594	down	noncoding	TCONS_00027243	3,6087832	4,272439	4,1858172	4,462772	4,274814	7,9330363	7,96881	8,003012	7,691586	8,140253
0,042859732	0,083636105	2,3209822	down	noncoding	NR_038358	6,4107146	7,3130145	6,6072807	5,962502	4,280231	7,5576982	7,7150593	7,582139	6,7151475	7,077376
0,001979586	0,009817551	3,7314144	down	noncoding	ENST00000443364	7,6737723	8,50925	7,6888995	6,6213493	6,238563	9,514355	9,648359	9,311427	8,810105	8,946201
0,003445142	0,014114959	7,4673088	down	noncoding	ENST00000444588	4,610877	4,990755	4,2835717	6,363648	3,853742	7,7979317	7,6967845	7,683731	7,583698	7,8433905
9,43066E-07	0,000339941	3,5531404	down	noncoding	ENST00000578315	8,07451	8,157105	8,090355	8,033821	8,104099	9,8632965	9,867051	10,008842	9,885782	9,980392
0,000429954	0,00391998	2,6940055	down	noncoding	ENST00000455838	11,652947	12,038831	11,647451	11,767305	11,188335	13,072546	13,137651	13,217218	12,976131	13,040087
0,000429954	0,00391998	2,6940055	down	noncoding	ENST00000455838	11,652947	12,038831	11,647451	11,767305	11,188335	13,072546	13,137651	13,217218	12,976131	13,040087
0,006035259	0,0204248	2,3170495	down	noncoding	TCONS_00019615	3,3706388	4,4503345	3,7560377	3,0881994	2,642579	4,521606	5,1866255	4,715158	4,2296166	4,7162275
0,000230016	0,002797371	2,0773689	down	noncoding	ENST00000411606	7,4267483	7,364351	7,4421086	6,881369	7,596416	8,384588	8,402879	8,450918	8,256755	8,48964
0,000190845	0,002520272	3,3335927	down	noncoding	ENST00000525909	4,732524	5,0099792	4,7137704	3,9665349	5,103563	6,487782	6,392513	6,681902	6,0407887	6,608775
0,000190845	0,002520272	3,3335927	down	noncoding	ENST00000525909	4,732524	5,0099792	4,7137704	3,9665349	5,103563	6,487782	6,392513	6,681902	6,0407887	6,608775
0,011194634	0,030917159	2,0623437	down	noncoding	ENST00000449066	5,282676	5,8339424	5,2275786	6,411173	4,349674	6,032547	6,2065377	6,22498	7,811419	6,0509844
0,027537245	0,060007807	2,8183424	down	noncoding	ENST00000553983	3,4182153	3,7332227	3,8724613	5,1086426	2,642579	5,313449	5,543997	5,4191008	4,9287515	5,044057
0,027537245	0,060007807	2,8183424	down	noncoding	ENST00000553983	3,4182153	3,7332227	3,8724613	5,1086426	2,642579	5,313449	5,543997	5,4191008	4,9287515	5,044057

0,027537245	0,060007807	2,8183424	down	noncoding	ENST00000553983	3,4182153	3,7332227	3,8724613	5,1086426	2,642579	5,313449	5,543997	5,4191008	4,9287515	5,044057
0,002145899	0,010364165	3,3729543	down	noncoding	ENST00000511042	3,229699	3,9165246	2,9783432	6,7174177	2,642579	4,7689986	5,2560687	5,354494	7,910783	4,964283
0,004284076	0,016246948	5,3315448	down	noncoding	ENST00000567497	3,0868518	3,5183845	2,415766	4,572213	2,642579	5,8990846	5,3350883	5,5655274	5,665967	5,842895
0,019202944	0,046138889	2,2750393	down	noncoding	ENST00000580528	3,048904	3,1425786	3,7744186	4,1977897	2,642579	4,8482027	4,654663	4,0765324	4,768942	4,387387
0,020049115	0,047622288	3,5840984	down	noncoding	ENST00000434733	6,2360234	6,16059	6,3044667	8,956229	5,7803607	8,59227	8,554504	8,477278	8,837484	8,184185
0,020049115	0,047622288	3,5840984	down	noncoding	ENST00000434733	6,2360234	6,16059	6,3044667	8,956229	5,7803607	8,59227	8,554504	8,477278	8,837484	8,184185
0,020049115	0,047622288	3,5840984	down	noncoding	ENST00000434733	6,2360234	6,16059	6,3044667	8,956229	5,7803607	8,59227	8,554504	8,477278	8,837484	8,184185
0,005505489	0,019137524	2,126835	down	noncoding	uc004adv.2	3,1431656	2,6049597	2,9415617	4,2135077	2,642579	3,9539626	4,331753	3,7189097	4,9495554	4,0351334
0,000107484	0,00185824	4,3893284	down	noncoding	ENST00000414075	12,659764	13,113071	12,717498	12,854359	12,298346	14,885517	14,856868	14,945808	14,773732	14,851114
0,008434841	0,0253887	3,9360063	down	noncoding	NR_033819	4,7154336	5,1876717	4,6173573	2,6211166	3,7962594	5,968731	6,253865	6,3416653	5,813555	6,443685
0,008434841	0,0253887	3,9360063	down	noncoding	NR_033819	4,7154336	5,1876717	4,6173573	2,6211166	3,7962594	5,968731	6,253865	6,3416653	5,813555	6,443685
0,008434841	0,0253887	3,9360063	down	noncoding	NR_033819	4,7154336	5,1876717	4,6173573	2,6211166	3,7962594	5,968731	6,253865	6,3416653	5,813555	6,443685
0,006815422	0,021968403	2,176594	down	noncoding	ENST00000582823	4,262775	5,3236055	4,651002	2,8189745	2,642579	5,5921087	5,7689996	5,4918323	4,1003604	4,3559966
0,006815422	0,021968403	2,176594	down	noncoding	ENST00000582823	4,262775	5,3236055	4,651002	2,8189745	2,642579	5,5921087	5,7689996	5,4918323	4,1003604	4,3559966
2,39665E-05	0,000954721	10,4035781	down	noncoding	NR_027954	2,8691444	2,4338863	2,415766	2,3967412	2,642579	5,745258	6,064826	6,0757093	5,5822935	6,1850696
2,39665E-05	0,000954721	10,4035781	down	noncoding	NR_027954	2,8691444	2,4338863	2,415766	2,3967412	2,642579	5,745258	6,064826	6,0757093	5,5822935	6,1850696
0,005590219	0,019321294	2,8985739	down	noncoding	ENST00000496975	7,020336	7,6828494	7,162152	6,0602145	6,6133127	8,253953	8,371407	8,615439	8,330536	8,644246
0,005590219	0,019321294	2,8985739	down	noncoding	ENST00000496975	7,020336	7,6828494	7,162152	6,0602145	6,6133127	8,253953	8,371407	8,615439	8,330536	8,644246
0,005590219	0,019321294	2,8985739	down	noncoding	ENST00000496975	7,020336	7,6828494	7,162152	6,0602145	6,6133127	8,253953	8,371407	8,615439	8,330536	8,644246
0,005590219	0,019321294	2,8985739	down	noncoding	ENST00000496975	7,020336	7,6828494	7,162152	6,0602145	6,6133127	8,253953	8,371407	8,615439	8,330536	8,644246
0,005590219	0,019321294	2,8985739	down	noncoding	ENST00000496975	7,020336	7,6828494	7,162152	6,0602145	6,6133127	8,253953	8,371407	8,615439	8,330536	8,644246
0,000473271	0,004111974	2,1440972	down	noncoding	TCONS_00000959	5,7999897	5,2611694	5,850928	6,594793	6,0404115	6,799148	6,721933	7,0608897	7,538032	6,9291406
0,010132395	0,028819605	4,3864279	down	noncoding	NR_003098	2,6775193	4,7945285	3,580751	2,3967412	2,642579	5,1705084	5,151492	5,6897964	5,205609	5,539946
0,010132395	0,028819605	4,3864279	down	noncoding	NR_003098	2,6775193	4,7945285	3,580751	2,3967412	2,642579	5,1705084	5,151492	5,6897964	5,205609	5,539946
0,010132395	0,028819605	4,3864279	down	noncoding	NR_003098	2,6775193	4,7945285	3,580751	2,3967412	2,642579	5,1705084	5,151492	5,6897964	5,205609	5,539946
8,5179E-05	0,00165167	3,795274	down	noncoding	ENST00000417510	6,9879303	7,299938	7,2081056	7,0903068	6,784534	8,997554	8,924496	9,003959	8,950938	9,114888
0,043158133	0,083985598	2,5073366	down	noncoding	ENST00000442666	6,820465	7,483519	6,938827	6,328481	4,5280485	7,7649603	7,898479	7,8890076	7,591862	7,58581
0,043158133	0,083985598	2,5073366	down	noncoding	ENST00000442666	6,820465	7,483519	6,938827	6,328481	4,5280485	7,7649603	7,898479	7,8890076	7,591862	7,58581
0,019438995	0,046547134	3,7328118	down	noncoding	NR_038983	2,3977764	3,6425416	2,415766	6,565736	2,642579	4,668428	5,7169805	5,715928	6,773613	4,2907634
0,04118243	0,081346582	2,0196722	down	noncoding	ENST00000566174	2,6299455	3,4124532	2,415766	4,185186	2,642579	3,6117754	4,3432493	3,7873597	4,037159	4,576992
0,000777442	0,005494888	2,3758504	down	noncoding	uc001ejc.3	10,837624	11,482444	10,980074	10,382635	10,073977	12,205301	12,326004	12,111945	11,612921	11,742803
0,0001074	0,00185824	2,9744759	down	noncoding	ENST00000559875	2,916165	2,6902218	2,415766	5,716616	2,642579	4,5399528	4,4800806	4,1744485	6,9511404	4,098903
0,001998487	0,009874837	5,8028898	down	noncoding	TCONS_00027246	5,3578157	5,922028	5,407939	6,624376	5,0161047	8,139797	8,189048	8,347136	7,939231	8,396909
0,000339593	0,003479186	2,8472688	down	noncoding	ENST00000552554	3,6439908	3,9295378	3,3073716	6,630579	2,642579	5,2758574	5,126732	4,8249044	7,897691	4,576767
0,004254605	0,016172532	7,2209612	down	noncoding	ENST00000479102	8,535167	9,155437	8,486675	6,812833	6,927029	10,756811	10,755587	10,9323015	10,829006	10,90439
0,031660515	0,066672949	3,1594116	down	noncoding	TCONS_00021928	4,42334	4,291912	4,6800985	6,754225	2,642579	6,2123947	6,406576	5,825783	6,8366013	5,809079
0,001527639	0,00828817	12,9946803	down	noncoding	ENST00000439736	3,2038143	4,3022895	2,415766	4,4287167	2,642579	7,0977097	7,068548	7,176492	6,8439517	7,3057103
0,001527639	0,00828817	12,9946803	down	noncoding	ENST00000439736	3,2038143	4,3022895	2,415766	4,4287167	2,642579	7,0977097	7,068548	7,176492	6,8439517	7,3057103
0,001704423	0,008875113	2,2172621	down	noncoding	TCONS_00016340	6,846022	6,898555	6,9158077	7,386904	6,83016	8,090922	8,16472	8,204423	7,9311023	8,230178
0,007074318	0,022542335	5,1871142	down	noncoding	NR_026711	7,6263676	8,139797	7,7067904	7,2672954	5,670255	9,790201	9,671349	9,480819	9,499885	9,842912
0,007074318	0,022542335	5,1871142	down	noncoding	NR_026711	7,6263676	8,139797	7,7067904	7,2672954	5,670255	9,790201	9,671349	9,480819	9,499885	9,842912
0,007074318	0,022542335	5,1871142	down	noncoding	NR_026711	7,6263676	8,139797	7,7067904	7,2672954	5,670255	9,790201	9,671349	9,480819	9,499885	9,842912
3,98871E-06	0,000479552	6,9852966	down	noncoding	NR_034126	4,2277894	4,5667796	4,300087	4,1034594	4,83949	7,1561165	7,2044477	7,282703	6,9890385	7,4269066
0,002235518	0,01063364	2,9227554	down	noncoding	NR_027513	7,295784	7,6830997	7,298072	6,2941017	6,845712	8,578441	8,61692	8,713104	8,427399	8,817551
0,004655978	0,017112834	2,002594	down	noncoding	uc004apn.1	3,8562047	3,8778427	3,306814	3,940892	3,8288906	4,3708887	4,909149	4,7000623	4,6424747	5,197419
0,019420973	0,046526595	2,7374697	down	noncoding	ENST00000555654	4,7490044	4,7023954	4,2737823	6,3859553	4,270041	6,325215	6,396245	6,366144	6,3451543	6,212635
0,019420973	0,046526595	2,7374697	down	noncoding	ENST00000555654	4,7490044	4,7023954	4,2737823	6,3859553	4,270041	6,325215	6,396245	6,366144	6,3451543	6,212635
0,019420973	0,046526595	2,7374697	down	noncoding	ENST00000555654	4,7490044	4,7023954	4,2737823	6,3859553	4,270041	6,325215	6,396245	6,366144	6,3451543	6,212635
0,019420973	0,046526595	2,7374697	down	noncoding	ENST00000555654	4,7490044	4,7023954	4,2737823	6,3859553	4,270041	6,325215	6,396245	6,366144	6,3451543	6,212635
0,019420973	0,046526595	2,7374697	down	noncoding	ENST00000555654	4,7490044	4,7023954	4,2737823	6,3859553	4,270041	6,325215	6,396245	6,366144	6,3451543	6,212635
0,019420973	0,046526595	2,7374697	down	noncoding	ENST00000555654	4,7490044	4,7023954	4,2737823	6,3859553	4,270041	6,325215	6,396245	6,366144	6,3451543	6,212635
0,019420973	0,046526595	2,7374697	down	noncoding	ENST00000555654	4,7490044	4,7023954	4,2737823	6,3859553	4,270041	6,325215	6,396245	6,366144	6,3451543	6,212635
0,001222917	0,007270107	3,3994148	down	noncoding	NR_024538	6,4909616	6,842536	6,4726734	5,522123	5,6700497	7,9501886	8,021754	8,183032	7,6101937	8,0596075
0,001222917	0,007270107	3,3994148	down	noncoding	NR_024538	6,4909616	6,842536	6,4726734	5,522123	5,6700497	7,9501886	8,021754	8,183032	7,6101937	8,0596075
0,011638635	0,031721574	6,435891	down	noncoding	ENST00000433377	5,2840605	5,9892974	5,347026	4,6445217	2,642579	7,4669085	7,469918	7,5960836	7,131948	7,673326
0,044981606	0,086616698	3,2151973	down	noncoding	NR_033345	5,0024443	5,5669885	5,0001097	7,5876255	5,7969465	7,7602324	7,84087	7,5129538	7,1447186	7,119876
0,044981606	0,086616698	3,2151973	down	noncoding	NR_033345	5,0024443	5,5669885	5,0001097	7,5876255	5,7969465	7,7602324	7,84087	7,5129538	7,1447186	7,119876
0,044981606	0,086616698	3,2151973	down	noncoding	NR_033345	5,0024443	5,5669885	5,0001097	7,5876255	5,7969465	7,7602324	7,84087	7,5129538	7,1447186	7,119876
0,044981606	0,086616698	3,2151973	down	noncoding	NR_033345	5,0024443	5,5669885	5,0001097	7,5876255	5,7969465	7,7602324	7,84087	7,5129538	7,1447186	7,119876
0,003612999	0,014557392	3,0872853	down	noncoding	uc011kea.2	6,5641255	7,4330797	7,1768227	5,7742357	6,8693414	8,326238	8,213088	8,571598	8,172317	8,666058
5,73433E-05	0,001411334	3,9546297	down	noncoding	ENST00000494130	13,320036	13,456866	13,392008	13,503545	13,238318	15,548686	15,507045	15,416111	15,068476	15,288168
0,000937306	0,006159143	5,8824869	down	noncoding	ENST00000536539	4,189201	4,8977947	3,132295	3,896285	4,366597	6,7410803	6,6784773	6,6932826	6,1557055	6,995758
0,007697506	0,023789481	3,7052996	down	noncoding	TCONS_00016903	8,863957	9,470056	8,86925	8,530705	7,264633	10,514619	10,459667	10,603816	10,301542	10,566908
0,008621347	0,025782049	2,1469239	down	noncoding	TCONS_00018359	4,9276013	4,760324	4,693238	5,430582	5,0727463	6,146645	6,2963724	6,1476135	5,681743	6,123473
0,003661367	0,014700176	3,0040881	down	noncoding	ENST00000544550	8,230743	8,658287	8,271404	7,0076065	7,98532	9,54137	9,568387	9,692508	9,443064	9,842667
0,003661367	0,014700176	3,0040881	down	noncoding	ENST00000544550	8,230743	8,658287	8,271404	7,0076065	7,98532	9,54137	9,568387	9,692508	9,443064	9,842667
0,003661367	0,014700176	3,0040881	down	noncoding	ENST00000544550	8,230743	8,658287	8,271404	7,0076065	7,98532	9,54137	9,568387	9,692508	9,443064	9,842667
0,000883589	0,005938939	3,7091268	down	noncoding	ENST00000536029	5,7684984	5,795046	5,7454476	6,3427887	5,6698904	7,8242736	7,7584615	7,8574843	7,4055514	7,9312983
0,000883589	0,005938939	3,7091268	down	noncoding	ENST00000536029	5,7684984	5,795046	5,7454476	6,3427887	5,6698904	7,8242736	7,7584615	7,8574843	7,4055514	7,9312983
0,00769031	0,023782879	6,1920861	down	noncoding	ENST00000436506	4,4730935	5,2734327	4,669997	2,8395092	2,642579	6,6576753	6,4672794	6,755305	6,4467964	6,723683
0,000206518	0,002626617	2,2842545	down	noncoding	uc002fqw.3	9,304942	9,333257	9,485644	9,543278	9,675599	10,704996	10,719863	10,685987	10,486059	10,704432

0,00579415	0,019831894	2,7467702	down	noncoding	uc003plb.4	7,1146984	7,6081676	7,2084556	5,868533	6,6660643	8,257435	8,308312	8,513714	8,050884	8,624255
0,042453299	0,083068623	3,1359041	down	noncoding	uc010dai.3	6,61488	6,9918857	6,5833526	9,463457	6,084101	8,985849	9,092683	8,825609	8,8762665	8,201676
4,21415E-05	0,001202335	21,917421	down	noncoding	ENST00000512051	3,1716166	3,5098903	2,9113338	2,3967412	2,642579	7,2780957	7,2528963	7,584541	7,1394706	7,647188
0,023340731	0,053244793	2,8130947	down	noncoding	ENST00000443030	3,101856	4,6542144	3,810937	4,426314	3,6899657	5,3916903	4,6207433	5,3736973	5,8560886	5,9018583
0,03910787	0,078147	3,6814288	down	noncoding	ENST00000356672	4,8536067	5,215965	4,965526	5,6089687	4,9713693	7,9874783	8,236295	7,3691874	5,615076	5,808728
0,03910787	0,078147	3,6814288	down	noncoding	ENST00000356672	4,8536067	5,215965	4,965526	5,6089687	4,9713693	7,9874783	8,236295	7,3691874	5,615076	5,808728
8,92755E-05	0,001688524	2,2140504	down	noncoding	uc001vld.1	4,661334	5,2749043	5,237092	5,016825	5,048846	6,0273547	6,242702	6,2575364	6,1674685	6,27738
0,003228572	0,013561984	2,5350069	down	noncoding	NR_038457	5,101643	5,4825387	5,2378726	4,5201406	4,7255516	6,247946	6,2934055	6,3385334	6,176176	6,721634
4,48866E-05	0,001219452	7,6708562	down	noncoding	ENST00000438085	2,3977764	3,2695599	2,953804	2,3967412	2,642579	5,4443192	5,6386127	5,851282	5,514838	5,9083467
0,028965974	0,062176926	3,5106052	down	noncoding	NR_033808	3,5424647	4,899285	4,203101	2,3967412	2,642579	5,191435	5,134861	5,334124	5,403388	5,6789618
0,028965974	0,062176926	3,5106052	down	noncoding	NR_033808	3,5424647	4,899285	4,203101	2,3967412	2,642579	5,191435	5,134861	5,334124	5,403388	5,6789618
0,000667252	0,005005747	9,2759216	down	noncoding	ENST00000579603	4,7422166	5,684057	5,4288325	2,6696389	2,642579	8,60849	9,053441	7,4494767	5,6815124	6,441857
0,032266492	0,067665249	3,0498737	down	noncoding	uc001vsc.1	3,7444315	3,742361	3,9962525	7,7645855	3,9117386	5,8868537	6,235335	5,9137793	7,4287686	5,73838
0,000448978	0,003991886	2,8058763	down	noncoding	ENST00000325407	12,569866	12,817037	12,606887	12,129428	12,290892	13,871549	13,884731	14,099747	13,939913	14,060427
0,015678033	0,039750498	2,6494175	down	noncoding	uc021xja.1	3,5195189	3,4496686	3,4854429	5,990103	2,642579	4,99972	4,913299	5,2690625	6,104686	4,828921
0,000914837	0,006082847	2,555942	down	noncoding	ENST00000564302	10,084364	10,428761	9,971957	9,623837	9,679765	11,255601	11,298526	11,356404	11,272562	11,3748665
0,000914837	0,006082847	2,555942	down	noncoding	ENST00000564302	10,084364	10,428761	9,971957	9,623837	9,679765	11,255601	11,298526	11,356404	11,272562	11,3748665
0,000530978	0,004388881	4,233286	down	noncoding	TCONS_00015224	5,100802	5,4626226	5,568253	4,032342	5,091657	7,05653	7,2017784	7,320088	6,888047	7,198123
0,007762085	0,023934039	2,7981174	down	noncoding	uc003koo.1	2,8682601	3,0665457	3,8293238	4,644018	2,642579	4,7219744	4,4089336	4,5321784	5,7432327	5,06669
0,005428626	0,018966824	4,3768514	down	noncoding	uc021pbg.1	4,5952077	4,1654673	4,512863	5,7347817	4,4424696	6,850954	6,882498	7,026155	6,336189	7,0044603
0,005428626	0,018966824	4,3768514	down	noncoding	uc021pbg.1	4,5952077	4,1654673	4,512863	5,7347817	4,4424696	6,850954	6,882498	7,026155	6,336189	7,0044603
0,005709438	0,019641477	5,553766	down	noncoding	ENST00000421581	4,6432395	5,301617	4,35267	2,9450684	2,642579	6,6763983	6,566089	6,382625	6,181154	6,4462395
0,000267262	0,003033685	2,5927147	down	noncoding	ENST00000442483	5,397734	5,3093667	5,185603	6,523243	4,927754	7,05296	6,6755085	6,5836434	7,490247	6,413659
0,011375748	0,031268114	3,1470169	down	noncoding	ENST00000552182	3,7946568	5,169521	4,6378675	2,3967412	2,642579	5,7364173	5,7263784	5,6619735	4,5936723	5,1928487
1,59989E-05	0,000807902	2,8343116	down	noncoding	uc001pqc.3	9,440767	9,331421	9,346291	9,459585	9,546816	10,812113	10,803981	11,080066	10,940577	11,003135
0,001504835	0,008215789	4,0068514	down	noncoding	ENST00000416570	3,2087798	4,0212564	2,9465942	2,3967412	3,924144	4,997726	5,40436	5,5297465	5,0460606	5,5319676
0,000700871	0,005148196	7,5214768	down	noncoding	ENST00000529667	4,2927322	4,912337	4,824777	5,9468246	4,9178953	7,7762413	7,789553	7,9925146	7,689141	8,202196
0,008421509	0,025372076	2,330086	down	noncoding	ENST00000434938	4,9079585	4,958416	4,805141	6,0195165	5,087319	6,52826	6,4588785	6,298593	6,260237	6,3342986
0,002282548	0,010794808	2,5141317	down	noncoding	ENST00000416275	4,2571626	4,7481036	4,655678	5,817726	4,0428977	5,8687105	5,969175	5,766983	6,6242046	5,9427958
0,002282548	0,010794808	2,5141317	down	noncoding	ENST00000416275	4,2571626	4,7481036	4,655678	5,817726	4,0428977	5,8687105	5,969175	5,766983	6,6242046	5,9427958
7,53295E-05	0,001570233	2,8350153	down	noncoding	ENST00000561588	4,493647	4,5945816	4,604262	4,0494084	4,02139	5,8048153	6,1030602	5,975163	5,544417	5,852616
0,02803115	0,060783511	3,1887585	down	noncoding	ENST00000450426	3,1521208	4,161676	3,9157662	6,7832227	2,642579	5,834506	5,6383023	5,7720575	6,6657276	5,1097455
0,02803115	0,060783511	3,1887585	down	noncoding	ENST00000450426	3,1521208	4,161676	3,9157662	6,7832227	2,642579	5,834506	5,6383023	5,7720575	6,6657276	5,1097455
0,02803115	0,060783511	3,1887585	down	noncoding	ENST00000450426	3,1521208	4,161676	3,9157662	6,7832227	2,642579	5,834506	5,6383023	5,7720575	6,6657276	5,1097455
0,02803115	0,060783511	3,1887585	down	noncoding	ENST00000450426	3,1521208	4,161676	3,9157662	6,7832227	2,642579	5,834506	5,6383023	5,7720575	6,6657276	5,1097455
0,02803115	0,060783511	3,1887585	down	noncoding	ENST00000450426	3,1521208	4,161676	3,9157662	6,7832227	2,642579	5,834506	5,6383023	5,7720575	6,6657276	5,1097455
0,000161254	0,002319939	2,0146963	down	noncoding	TCONS_00025362	5,0030875	5,542789	5,2209244	4,639376	4,7658386	6,1937966	6,3239746	6,325842	5,5475097	5,8337045
0,01181737	0,032067685	4,5719766	down	noncoding	TCONS_00008904	7,378805	7,9616456	7,4959073	6,104571	5,237412	9,051723	9,002196	9,118696	8,888399	9,081417
0,001583085	0,008484764	2,8583998	down	noncoding	ENST00000382007	6,8385415	7,341985	6,810143	6,7126465	6,1973653	8,269465	8,22263	8,29778	8,378293	8,308552
1,37706E-06	0,000392686	2,5368914	down	noncoding	ENST00000523380	6,6242046	6,6692643	6,483509	6,284333	6,6847982	7,9470525	8,005767	7,9317493	7,551294	8,025555
0,00281295	0,012369111	2,0563966	down	noncoding	ENST00000441741	5,0164905	5,0646152	5,226152	5,5936427	5,723263	6,324756	6,4666896	6,3741403	6,3592796	6,2998905
0,006664176	0,021655641	2,4591758	down	noncoding	ENST00000575917	4,6863065	4,65517	4,5752254	6,1802735	4,1142316	5,963459	6,230567	6,071839	6,5292296	5,9069867
0,006664176	0,021655641	2,4591758	down	noncoding	ENST00000575917	4,6863065	4,65517	4,5752254	6,1802735	4,1142316	5,963459	6,230567	6,071839	6,5292296	5,9069867
0,006664176	0,021655641	2,4591758	down	noncoding	ENST00000575917	4,6863065	4,65517	4,5752254	6,1802735	4,1142316	5,963459	6,230567	6,071839	6,5292296	5,9069867
0,002990408	0,012858669	3,880538	down	noncoding	ENST00000546429	5,2593822	5,3320255	5,0771885	3,994949	4,710275	6,653165	6,6242046	6,844687	6,818062	7,214985
0,036280038	0,073854364	3,1341935	down	noncoding	ENST00000517495	7,9846087	8,835358	8,106279	7,504327	5,8406906	9,202962	9,216874	9,4386835	9,223984	9,429231
0,000255613	0,002951101	3,8205424	down	noncoding	ENST00000568946	4,6633215	4,8513393	4,3988743	4,7836185	4,286984	6,6775246	6,6460443	6,577203	6,1794157	6,5728374
0,005786175	0,019817816	2,8618197	down	noncoding	ENST00000492250	7,2883563	7,739918	7,3613815	6,025185	6,6277933	8,46272	8,505736	8,672859	8,303654	8,682329
7,29045E-07	0,000298334	7,9729407	down	noncoding	TCONS_00025008	2,3977764	2,3729734	2,415766	2,3967412	2,642579	5,2933664	5,459151	5,453994	5,2296863	5,765198
0,002943707	0,012756256	3,6526494	down	noncoding	ENST00000472178	3,7171042	3,922567	3,657289	3,5031588	2,642579	5,392743	5,244206	5,158252	5,3864155	5,605798
0,002776973	0,012276665	4,6294563	down	noncoding	ENST00000509733	4,1139016	4,7450943	4,260452	2,3967412	3,9603932	6,1978345	6,006719	6,212217	5,716178	6,3978477
0,031450872	0,066363854	11,8461597	down	noncoding	ENST00000425692	11,319283	12,270781	11,39075	8,506463	6,5270853	13,576705	13,466605	13,624352	13,471972	13,706466
0,014427151	0,037276026	3,7723233	down	noncoding	ENST00000426594	3,835136	4,4948087	4,0220923	6,3817024	3,8481674	6,4873624	6,4056587	6,4997454	6,511198	6,255209
0,000792062	0,005557662	2,9760444	down	noncoding	ENST00000541416	5,851282	5,7746563	5,663094	5,733114	5,20964	7,1396246	7,065914	7,296816	7,173615	7,422797
0,000792062	0,005557662	2,9760444	down	noncoding	ENST00000541416	5,851282	5,7746563	5,663094	5,733114	5,20964	7,1396246	7,065914	7,296816	7,173615	7,422797
0,000792062	0,005557662	2,9760444	down	noncoding	ENST00000541416	5,851282	5,7746563	5,663094	5,733114	5,20964	7,1396246	7,065914	7,296816	7,173615	7,422797
0,013780918	0,035977422	2,5670201	down	noncoding	ENST00000359797	6,6326966	6,882102	6,536045	7,770118	6,5295525	8,351558	8,324534	8,345058	7,856962	8,272875
0,001151108	0,007018247	2,0628396	down	noncoding	uc010gss.2	5,402686	5,2342057	5,245302	4,981887	4,766163	6,230567	6,145792	6,0910964	6,1245375	6,261409
0,001151108	0,007018247	2,0628396	down	noncoding	uc010gss.2	5,402686	5,2342057	5,245302	4,981887	4,766163	6,230567	6,145792	6,0910964	6,1245375	6,261409
0,000971626	0,006286633	3,246663	down	noncoding	ENST00000429901	7,8372474	8,24071	7,94623	7,190991	7,5171103	9,344162	9,383399	9,508743	9,405584	9,585189
0,011250718	0,03101555	2,0174656	down	noncoding	ENST00000532930	6,204732	5,896322	5,9932203	7,341134	6,313748	7,092632	7,3774204	7,5668583	7,705903	7,069063
0,011250718	0,03101555	2,0174656	down	noncoding	ENST00000532930	6,204732	5,896322	5,9932203	7,341134	6,313748	7,092632	7,3774204	7,5668583	7,705903	7,069063
0,011250718	0,03101555	2,0174656	down	noncoding	ENST00000532930	6,204732	5,896322	5,9932203	7,341134	6,313748	7,092632	7,3774204	7,5668583	7,705903	7,069063
0,000154941	0,002287284	2,7018144	down	noncoding	NR_040677	6,7899766	6,9213333	6,6700087	6,804177	6,552388	8,053236	8,2053385	8,335749	8,055243	8,25796
0,000154941	0,002287284	2,7018144	down	noncoding	NR_040677	6,7899766	6,9213333	6,6700087	6,804177	6,552388	8,053236	8,2053385	8,335749	8,055243	8,25796
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881

0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,022237152	0,051422763	2,7279056	down	noncoding	NR_047616	6,4723134	4,899653	6,4663925	7,0646257	7,275792	7,8210974	7,8314342	7,918335	7,7419977	8,104881
0,000481625	0,004147978	5,0236618	down	noncoding	ENST00000518232	3,619819	3,705099	3,6112826	3,1781313	2,642579	5,615076	5,846336	5,813937	5,26917	5,8560886
6,92278E-05	0,001509022	10,6999217	down	noncoding	ENST00000458684	2,3977764	2,3729734	2,415766	2,9919887	2,642579	5,9045153	5,8779736	6,2677593	5,651544	6,216933
6,92278E-05	0,001509022	10,6999217	down	noncoding	ENST00000458684	2,3977764	2,3729734	2,415766	2,9919887	2,642579	5,9045153	5,8779736	6,2677593	5,651544	6,216933
0,002166845	0,010430747	2,3910286	down	noncoding	ENST00000415772	10,755053	11,022174	10,812113	10,251101	10,476192	11,779586	11,785992	11,995199	12,000762	12,043251
0,000120944	0,001986034	2,4926561	down	noncoding	ENST00000411450	5,942549	5,774927	6,268022	7,65841	6,192096	7,426364	7,2956514	7,588395	8,689412	7,424601
0,009505309	0,027534098	2,0713921	down	noncoding	ENST00000532488	3,4115646	3,0564246	3,583496	4,7323895	2,642579	4,296358	4,338471	4,70108	5,0395246	4,3040233
0,009505309	0,027534098	2,0713921	down	noncoding	ENST00000532488	3,4115646	3,0564246	3,583496	4,7323895	2,642579	4,296358	4,338471	4,70108	5,0395246	4,3040233
0,009505309	0,027534098	2,0713921	down	noncoding	ENST00000532488	3,4115646	3,0564246	3,583496	4,7323895	2,642579	4,296358	4,338471	4,70108	5,0395246	4,3040233
0,014610656	0,037605518	2,0830097	down	noncoding	TCONS_00006208	4,522572	4,2803755	5,0166063	5,5380077	3,866436	5,2335734	5,7183514	5,7908983	6,0364237	5,7380986
0,011546699	0,031537362	2,2837543	down	noncoding	ENST00000498233	3,4489393	2,9055727	3,5542986	4,694562	2,642579	4,0896816	4,4935813	4,5771737	5,370951	4,6716013
0,002096106	0,010196953	2,8986391	down	noncoding	NR_027928	5,5377173	5,8051376	5,50423	4,3407493	5,347481	6,8152885	6,7908864	6,950856	6,608367	7,046796
0,002096106	0,010196953	2,8986391	down	noncoding	NR_027928	5,5377173	5,8051376	5,50423	4,3407493	5,347481	6,8152885	6,7908864	6,950856	6,608367	7,046796
0,002096106	0,010196953	2,8986391	down	noncoding	NR_027928	5,5377173	5,8051376	5,50423	4,3407493	5,347481	6,8152885	6,7908864	6,950856	6,608367	7,046796
0,002096106	0,010196953	2,8986391	down	noncoding	NR_027928	5,5377173	5,8051376	5,50423	4,3407493	5,347481	6,8152885	6,7908864	6,950856	6,608367	7,046796
0,002096106	0,010196953	2,8986391	down	noncoding	NR_027928	5,5377173	5,8051376	5,50423	4,3407493	5,347481	6,8152885	6,7908864	6,950856	6,608367	7,046796
0,002096106	0,010196953	2,8986391	down	noncoding	NR_027928	5,5377173	5,8051376	5,50423	4,3407493	5,347481	6,8152885	6,7908864	6,950856	6,608367	7,046796
0,000819233	0,005660699	2,3227928	down	noncoding	ENST00000469268	5,6106167	5,7011304	5,8406906	8,668056	5,131197	7,046314	7,0008955	6,9490533	9,416159	6,6185713
0,000819233	0,005660699	2,3227928	down	noncoding	ENST00000469268	5,6106167	5,7011304	5,8406906	8,668056	5,131197	7,046314	7,0008955	6,9490533	9,416159	6,6185713
0,000819233	0,005660699	2,3227928	down	noncoding	ENST00000469268	5,6106167	5,7011304	5,8406906	8,668056	5,131197	7,046314	7,0008955	6,9490533	9,416159	6,6185713
0,000819233	0,005660699	2,3227928	down	noncoding	ENST00000469268	5,6106167	5,7011304	5,8406906	8,668056	5,131197	7,046314	7,0008955	6,9490533	9,416159	6,6185713
0,000359587	0,003574824	3,6478355	down	noncoding	uc001jpa.1	7,775847	7,227602	7,6323576	7,827157	8,229939	9,559859	9,60084	9,745124	9,417894	9,704389
2,83429E-06	0,000438225	3,6832035	down	noncoding	ENST00000437947	6,5981674	6,754225	6,6924305	6,269421	6,658377	8,390999	8,50334	8,60074	8,293034	8,5893135
2,83429E-06	0,000438225	3,6832035	down	noncoding	ENST00000437947	6,5981674	6,754225	6,6924305	6,269421	6,658377	8,390999	8,50334	8,60074	8,293034	8,5893135
0,036188695	0,073722148	2,4123946	down	noncoding	ENST00000409819	4,6266823	4,580614	4,5936723	6,5368342	2,642579	5,299012	5,6886272	5,6147833	7,216634	5,513655
0,036188695	0,073722148	2,4123946	down	noncoding	ENST00000409819	4,6266823	4,580614	4,5936723	6,5368342	2,642579	5,299012	5,6886272	5,6147833	7,216634	5,513655
0,036188695	0,073722148	2,4123946	down	noncoding	ENST00000409819	4,6266823	4,580614	4,5936723	6,5368342	2,642579	5,299012	5,6886272	5,6147833	7,216634	5,513655
0,006433271	0,021203682	3,4503461	down	noncoding	ENST00000565041	4,451664	4,387614	4,388088	4,6686883	2,642579	6,7273297	6,733204	5,8580313	5,2456913	4,9080825
0,006433271	0,021203682	3,4503461	down	noncoding	ENST00000565041	4,451664	4,387614	4,388088	4,6686883	2,642579	6,7273297	6,733204	5,8580313	5,2456913	4,9080825
0,001522624	0,008275288	2,2823097	down	noncoding	ENST00000534135	5,4064937	5,888623	5,6363773	8,013304	5,5489845	6,6417613	7,020083	7,097266	9,503142	6,184003
0,000276894	0,003093815	2,0691459	down	noncoding	NR_036454	8,25037	8,51967	8,339331	7,663499	8,256351	9,253701	9,296142	9,340492	8,955912	9,428151
0,000276894	0,003093815	2,0691459	down	noncoding	NR_036454	8,25037	8,51967	8,339331	7,663499	8,256351	9,253701	9,296142	9,340492	8,955912	9,428151
0,000276894	0,003093815	2,0691459	down	noncoding	NR_036454	8,25037	8,51967	8,339331	7,663499	8,256351	9,253701	9,296142	9,340492	8,955912	9,428151
0,000276894	0,003093815	2,0691459	down	noncoding	NR_036454	8,25037	8,51967	8,339331	7,663499	8,256351	9,253701	9,296142	9,340492	8,955912	9,428151
0,033325121	0,069202187	3,2936587	down	noncoding	ENST00000427745	3,1963296	4,192544	3,7090502	5,692009	2,642579	5,64372	5,9918995	5,4373207	5,4295654	5,5284615
0,010732076	0,030016909	2,5156181	down	noncoding	TCONS_00014559	6,1829057	6,728669	6,073979	5,2053013	5,133421	7,266397	7,1447186	7,3446817	6,9331074	7,289936
0,03176534	0,066865482	15,0344964	down	noncoding	TCONS_00028348	7,28044	8,124952	7,3233066	2,3967412	2,642579	9,481206	9,508743	9,602123	9,295523	9,431447
0,002177884	0,010455198	2,3286154	down	noncoding	ENST00000580420	6,751872	7,1218343	6,701682	6,699911	6,3766236	7,869265	7,8422313	8,0596075	7,819702	8,158479
0,038430301	0,077273662	2,0437325	down	noncoding	NR_045563	2,9227889	3,0494473	3,3604522	4,4695582	2,642579	4,056903	4,761588	4,055551	4,3782954	4,34852
0,038430301	0,077273662	2,0437325	down	noncoding	NR_045563	2,9227889	3,0494473	3,3604522	4,4695582	2,642579	4,056903	4,761588	4,055551	4,3782954	4,34852
0,038430301	0,077273662	2,0437325	down	noncoding	NR_045563	2,9227889	3,0494473	3,3604522	4,4695582	2,642579	4,056903	4,761588	4,055551	4,3782954	4,34852
0,001947504	0,009710579	2,8162406	down	noncoding	NR_038429	3,798163	4,4652615	4,2241774	2,6860895	4,411114	5,61862	5,6650767	5,3990884	4,8325253	5,538348
0,042507261	0,083152193	2,0985631	down	noncoding	ENST00000507549	2,9734318	4,0992475	4,108994	4,9465365	3,8472207	4,93005	5,3825846	5,2608867	4,678808	5,0701103
0,048305448	0,09145156	3,1166674	down	noncoding	ENST00000532002	4,787669	4,925303	4,782598	5,863202	4,485199	7,5777164	7,7864304	6,4296727	5,5493712	5,7008014
0,048305448	0,09145156	3,1166674	down	noncoding	ENST00000532002	4,787669	4,925303	4,782598	5,863202	4,485199	7,5777164	7,7864304	6,4296727	5,5493712	5,7008014
0,048305448	0,09145156	3,1166674	down	noncoding	ENST00000532002	4,787669	4,925303	4,782598	5,863202	4,485199	7,5777164	7,7864304	6,4296727	5,5493712	5,7008014
0,048305448	0,09145156	3,1166674	down	noncoding	ENST00000532002	4,787669	4,925303	4,782598	5,863202	4,485199	7,5777164	7,7864304	6,4296727	5,5493712	5,7008014
0,048305448	0,09145156	3,1166674	down	noncoding	ENST00000532002	4,787669	4,925303	4,782598	5,863202	4,485199	7,5777164	7,7864304	6,4296727	5,5493712	5,7008014
0,017152667	0,042455078	2,9410619	down	noncoding	ENST00000469418	3,7060704	4,0726695	3,3668995	3,2438595	2,642579	4,925217	4,3522263	5,091011	5,1206174	5,324692
0,001997025	0,009873309	2,3667446	down	noncoding	uc011dhd.2	6,732462	7,0636177	7,097266	9,103525	6,3026943	8,387971	8,317909	8,058345	9,862988	7,8868723
0,00294415	0,012756256	4,4995462	down	noncoding	ENST00000528366	4,1890087	4,50614	3,1818306	2,3967412	2,642579	5,7852306	5,6896524	5,6464024	5,0225706	5,621341
0,00294415	0,012756256	4,4995462	down	noncoding	ENST00000528366	4,1890087	4,50614	3,1818306	2,3967412	2,642579	5,7852306	5,6896524	5,6464024	5,0225706	5,621341
0,00294415	0,012756256	4,4995462	down	noncoding	ENST00000528366	4,1890087	4,50614	3,1818306	2,3967412	2,642579	5,7852306	5,6896524	5,6464024	5,0225706	5,621341

0,00294415	0,012756256	4,4995462	down	noncoding	ENST00000528366	4,1890087	4,50614	3,1818306	2,3967412	2,642579	5,7852306	5,6896524	5,6464024	5,0225706	5,621341
0,00294415	0,012756256	4,4995462	down	noncoding	ENST00000528366	4,1890087	4,50614	3,1818306	2,3967412	2,642579	5,7852306	5,6896524	5,6464024	5,0225706	5,621341
0,00294415	0,012756256	4,4995462	down	noncoding	ENST00000528366	4,1890087	4,50614	3,1818306	2,3967412	2,642579	5,7852306	5,6896524	5,6464024	5,0225706	5,621341
0,00294415	0,012756256	4,4995462	down	noncoding	ENST00000528366	4,1890087	4,50614	3,1818306	2,3967412	2,642579	5,7852306	5,6896524	5,6464024	5,0225706	5,621341
0,00294415	0,012756256	4,4995462	down	noncoding	ENST00000528366	4,1890087	4,50614	3,1818306	2,3967412	2,642579	5,7852306	5,6896524	5,6464024	5,0225706	5,621341
0,011303955	0,031133275	4,1591007	down	noncoding	ENST00000554841	4,997214	5,3185143	4,7898345	4,7262435	2,642579	6,68989	6,7410803	6,740958	6,082635	6,50118
0,042936979	0,083704736	3,3229162	down	noncoding	ENST00000551202	6,065956	6,9451084	5,9790573	3,3060722	2,642579	7,064475	7,378805	7,0426407	5,8044853	6,3106165
0,030339685	0,064535147	5,317624	down	noncoding	ENST00000564363	5,58247	5,063001	5,5469522	9,804853	6,034065	8,767444	8,681141	8,5883	9,344162	8,704203
0,030339685	0,064535147	5,317624	down	noncoding	ENST00000564363	5,58247	5,063001	5,5469522	9,804853	6,034065	8,767444	8,681141	8,5883	9,344162	8,704203
0,030339685	0,064535147	5,317624	down	noncoding	ENST00000564363	5,58247	5,063001	5,5469522	9,804853	6,034065	8,767444	8,681141	8,5883	9,344162	8,704203
0,01751222	0,04311396	2,6712761	down	noncoding	NR_027358	7,753379	8,508598	7,8670735	8,416099	6,270719	9,243642	9,250631	9,171935	9,214275	9,023031
0,013872473	0,036163619	16,9455932	down	noncoding	ENST00000425474	6,9380913	7,9248085	7,135282	6,774553	2,642579	10,292522	10,263844	10,410372	10,324721	10,538046
0,001503136	0,008215789	3,391768	down	noncoding	ENST00000426237	4,668891	4,166155	5,1761813	4,784128	3,903401	6,203268	6,3099833	6,626601	6,0206532	6,3484383
0,001503136	0,008215789	3,391768	down	noncoding	ENST00000426237	4,668891	4,166155	5,1761813	4,784128	3,903401	6,203268	6,3099833	6,626601	6,0206532	6,3484383
0,046685103	0,0891556	8,0192378	down	noncoding	ENST00000452256	2,8516276	4,147035	3,7925	5,14545	2,642579	8,3175125	8,580184	7,496936	4,5952077	4,606677
0,046685103	0,0891556	8,0192378	down	noncoding	ENST00000452256	2,8516276	4,147035	3,7925	5,14545	2,642579	8,3175125	8,580184	7,496936	4,5952077	4,606677
0,006161042	0,020684697	2,0451554	down	noncoding	ENST00000529567	6,9344435	7,383672	6,8348875	5,9277105	6,398133	7,8347383	7,7688513	7,868744	7,4616623	7,705903
0,044767401	0,08633831	2,6267411	down	noncoding	AK054953R	4,3833857	5,5054674	4,3604555	2,3967412	2,642579	5,0437546	5,691691	5,438553	4,8016763	5,279324
0,006674312	0,021674281	12,2374134	down	noncoding	uc009wpd.1	5,1512094	5,677991	5,055932	2,3967412	2,642579	7,699246	7,6659493	8,022093	7,571966	8,031332
0,006674312	0,021674281	12,2374134	down	noncoding	uc009wpd.1	5,1512094	5,677991	5,055932	2,3967412	2,642579	7,699246	7,6659493	8,022093	7,571966	8,031332
0,005502062	0,019137397	3,7965534	down	noncoding	ENST00000452852	3,3730478	2,7604985	3,504314	4,8002815	2,642579	5,084474	5,2876363	5,2238536	5,6265264	5,481682
0,034687523	0,071429134	2,2365122	down	noncoding	NR_039976	4,700303	3,9304035	4,591581	5,86647	3,834925	5,5999155	5,799574	5,3876686	5,981962	5,9608154
0,005072062	0,018136946	3,5606122	down	noncoding	ENST00000435608	4,275882	5,288529	4,5293236	3,0145035	4,066578	6,316872	5,927806	6,2143106	5,538149	6,338305
0,005072062	0,018136946	3,5606122	down	noncoding	ENST00000435608	4,275882	5,288529	4,5293236	3,0145035	4,066578	6,316872	5,927806	6,2143106	5,538149	6,338305
0,012930164	0,034295566	8,9088383	down	noncoding	ENST00000463420	5,392603	6,039394	4,7885485	2,3967412	2,642579	7,4808726	7,245388	7,5569367	7,126151	7,626704
0,000500785	0,004260855	2,631476	down	noncoding	ENST00000542925	7,166234	7,621003	7,1432476	7,1200886	6,5548997	8,570481	8,624507	8,48303	8,498129	8,408687
0,035059478	0,072014457	2,640608	down	noncoding	ENST00000425514	4,2415123	4,774535	3,0250921	7,358598	3,9258177	5,80656	5,892897	5,8872724	7,4349995	5,308177
0,035059478	0,072014457	2,640608	down	noncoding	ENST00000425514	4,2415123	4,774535	3,0250921	7,358598	3,9258177	5,80656	5,892897	5,8872724	7,4349995	5,308177
0,035059478	0,072014457	2,640608	down	noncoding	ENST00000425514	4,2415123	4,774535	3,0250921	7,358598	3,9258177	5,80656	5,892897	5,8872724	7,4349995	5,308177
4,79758E-05	0,001266132	2,4073923	down	noncoding	NR_028505	7,2940717	7,250429	7,204891	6,799895	7,489246	8,395964	8,464533	8,610658	8,247468	8,657266
4,79758E-05	0,001266132	2,4073923	down	noncoding	NR_028505	7,2940717	7,250429	7,204891	6,799895	7,489246	8,395964	8,464533	8,610658	8,247468	8,657266
0,004512848	0,016787157	5,9062845	down	noncoding	NR_036580	2,3977764	3,733035	2,415766	4,5655885	2,642579	5,387851	5,8560886	5,9554834	5,6049767	5,7615995
0,004512848	0,016787157	5,9062845	down	noncoding	NR_036580	2,3977764	3,733035	2,415766	4,5655885	2,642579	5,387851	5,8560886	5,9554834	5,6049767	5,7615995
0,004512848	0,016787157	5,9062845	down	noncoding	NR_036580	2,3977764	3,733035	2,415766	4,5655885	2,642579	5,387851	5,8560886	5,9554834	5,6049767	5,7615995
0,000103711	0,001831234	11,9521399	down	noncoding	TCONS_00014950	4,3298397	4,705408	4,931246	5,6914496	4,8570805	8,331174	8,393578	8,578179	8,377002	8,731076
0,002973569	0,012816089	2,9071502	down	noncoding	ENST00000431557	5,289807	5,7994633	5,123317	5,3140273	4,797658	6,760971	6,685831	6,992177	6,5386477	7,044674
0,0064895	0,021299281	3,6536588	down	noncoding	ENST00000443093	3,425624	3,0369248	3,1982648	4,918948	2,642579	5,1136055	5,292807	5,0597496	5,5994725	5,5034156
0,0064895	0,021299281	3,6536588	down	noncoding	ENST00000443093	3,425624	3,0369248	3,1982648	4,918948	2,642579	5,1136055	5,292807	5,0597496	5,5994725	5,5034156
9,59576E-05	0,001755145	3,011459	down	noncoding	TCONS_00008726	6,255735	6,304102	6,28085	6,1394153	5,879983	7,731416	7,68259	7,895367	7,657007	7,8460183
0,008621223	0,025782049	2,6587835	down	noncoding	ENST00000535076	6,464756	7,0715113	6,5956903	5,23678	6,049191	7,6838665	7,6049175	7,811419	7,4809885	7,8905687
0,003547702	0,014395168	10,8089717	down	noncoding	ENST00000534431	4,863427	5,8103614	4,8297453	3,3355114	2,642579	7,6667757	7,795889	7,968638	7,311014	7,9100943
0,007526323	0,02347152	3,9721527	down	noncoding	TCONS_00011696	4,319923	4,134839	3,8488703	4,388641	2,642579	5,548039	5,9659724	6,05558	5,6636524	6,051214
0,042742391	0,083512665	3,314086	down	noncoding	BG953017	5,1968517	5,7433457	5,2538753	4,083524	2,642579	6,2457685	6,213994	6,5798793	5,980176	6,543413
0,002611664	0,011796387	3,3431254	down	noncoding	ENST00000452675	5,910861	6,1294417	5,813656	5,312104	4,733901	7,3618927	7,337817	7,5800734	6,872482	7,453686
0,026264533	0,05792621	5,0846973	down	noncoding	ENST00000582142	5,755563	5,931242	5,7806835	8,929474	5,733845	8,907489	8,888807	8,893137	8,555634	8,61655
0,001444936	0,008052302	2,2699796	down	noncoding	ENST00000472924	6,2107677	5,830915	6,2109632	5,5673013	6,7009077	7,1532183	7,183174	7,326912	7,2413692	7,529578
0,010543577	0,029646789	4,9372268	down	noncoding	NR_034034	4,6756325	5,574859	4,5611253	4,3087826	2,642579	6,616944	6,700305	6,707338	6,4183545	6,8385415
0,010167879	0,028887175	2,5628815	down	noncoding	TCONS_00018702	3,6942995	3,9695148	3,5281327	3,843042	2,642579	4,7367964	4,802622	4,936521	4,8649025	5,12556
0,000245284	0,002887528	2,0923208	down	noncoding	uc010vhh.2	11,299906	11,202788	11,385861	11,624179	11,212895	12,5299225	12,406909	12,138127	12,650187	12,326004
4,87847E-06	0,000510685	2,6352585	down	noncoding	NR_047661	7,434806	7,4999566	7,4237027	6,988178	7,3480372	8,795225	8,792512	8,80274	8,535531	8,758395
4,87847E-06	0,000510685	2,6352585	down	noncoding	NR_047661	7,434806	7,4999566	7,4237027	6,988178	7,3480372	8,795225	8,792512	8,80274	8,535531	8,758395
4,87847E-06	0,000510685	2,6352585	down	noncoding	NR_047661	7,434806	7,4999566	7,4237027	6,988178	7,3480372	8,795225	8,792512	8,80274	8,535531	8,758395
4,87847E-06	0,000510685	2,6352585	down	noncoding	NR_047661	7,434806	7,4999566	7,4237027	6,988178	7,3480372	8,795225	8,792512	8,80274	8,535531	8,758395
0,012612267	0,033663841	4,306468	down	noncoding	ENST00000269201	3,4502146	4,8537183	2,987795	7,358338	2,642579	6,032407	6,332089	6,328561	7,908331	5,2237825
0,000408578	0,003825134	2,7991246	down	noncoding	uc004coz.1	12,187818	12,263682	12,210653	12,861578	12,059122	14,008278	13,854445	13,456866	13,951225	13,7369175
0,004586443	0,016966968	4,9954742	down	noncoding	ENST00000525217	3,7380538	4,143138	3,4506009	5,419354	4,6952543	6,8658156	6,678646	6,4452558	6,3056617	6,75413
0,009851894	0,028288546	2,1063127	down	noncoding	ENST00000539921	5,435882	6,000514	5,769654	4,8890295	4,830571	6,5558686	6,4167576	6,593909	6,0722523	6,660461
0,009851894	0,028288546	2,1063127	down	noncoding	ENST00000539921	5,435882	6,000514	5,769654	4,8890295	4,830571	6,5558686	6,4167576	6,593909	6,0722523	6,660461
0,009851894	0,028288546	2,1063127	down	noncoding	ENST00000539921	5,435882	6,000514	5,769654	4,8890295	4,830571	6,5558686	6,4167576	6,593909	6,0722523	6,660461
2,40784E-07	0,000248592	2,0008833	down	noncoding	ENST00000538901	7,57051	7,5800734	7,498358	8,845002	7,4062653	8,560769	8,567858	8,458202	9,881382	8,435183
0,006028563	0,020411486	4,7945307	down	noncoding	TCONS_00027397	3,713044	4,0230823	3,441839	5,017055	2,642579	6,0833926	5,7676497	6,194896	5,992108	6,106501
0,000471052	0,004098446	2,6101538	down	noncoding	NR_033193	8,589058	8,907489	8,618906	8,035318	8,31838	9,836028	9,88911	9,966111	9,734015	9,964561
0,000471052	0,004098446	2,6101538	down	noncoding	NR_033193	8,589058	8,907489	8,618906	8,035318	8,31838	9,836028	9,88911	9,966111	9,734015	9,964561
0,000471052	0,004098446	2,6101538	down	noncoding	NR_033193	8,589058	8,907489	8,618906	8,035318	8,31838	9,836028	9,88911	9,966111	9,734015	9,964561
0,001072152	0,006696732	3,0529298	down	noncoding	ENST00000441331	4,192096	4,142733	3,8590386	3,3603172	4,6662574	5,736315	5,601508	5,773506	5,4755907	5,6844945
0,004774031	0,01742539	3,008676	down	noncoding	TCONS_00008385	5,237189	5,763634	5,0231514	8,429334	4,5014973	6,8865314	6,833519	7,003767	9,296407	6,880225
0,00262537	0,01182577	5,426889	down	noncoding	ENST00000326333	11,785205	12,3173485	11,794495	10,846102	10,4368925	13,837883	13,765665	13,986079	13,82067	13,970373
0,007387257	0,023183713	2,0376744	down	noncoding	ENST00000413474	7,001545	7,1586056	6,9796953	6,1298656	6,438512	7,818311	7,54257	7,9888926	7,5900097	7,903058
0,000607985	0,00474916	7,0692163	down	noncoding	ENST00000448275	2,3977764	2,977534	2,415766	2,7602875	2,642579	6,071839	5,9891815	5,4528055	4,78318	5,0046883
0,000607985	0,00474916	7,0692163	down	noncoding	ENST00000448275	2,3977764	2,977534	2,415766	2,7602875	2,642579	6,071839	5,9891815	5,4528055	4,78318	5,0046883
4,61477E-05	0,001244556	27,4286102	down	noncoding	ENST00000512965	2,7798545	4,288003	3,8942044	3,5901785	3,6223295	8,331605	8,267873	8,749884	8,209036	8,50422
0,000644619	0,004893079	5,5392715	down	noncoding	uc001piq.1	5,5029564	6,2075458	5,9197154	5,1660967	4,7372293	8,117373	8,1181135	8,0716	7,4510374	8,123901

0,000644619	0,004893079	5,5392715	down	noncoding	uc001piq.1	5,5029564	6,2075458	5,9197154	5,1660967	4,7372293	8,117373	8,1181135	8,0716	7,4510374	8,123901
0,002783598	0,012285038	2,5284929	down	noncoding	NR_028051	3,3517299	4,5455794	4,6958504	3,4794993	3,9776783	4,8669634	5,406325	5,535862	5,2627616	5,669814
0,002783598	0,012285038	2,5284929	down	noncoding	NR_028051	3,3517299	4,5455794	4,6958504	3,4794993	3,9776783	4,8669634	5,406325	5,535862	5,2627616	5,669814
0,000766632	0,005450935	3,4586074	down	noncoding	ENST00000439450	5,1645575	5,515789	5,008418	4,573903	4,52395	6,7096844	6,7453403	6,8270645	6,558354	6,8971305
0,011005247	0,030526753	2,0633508	down	noncoding	ENST00000579913	9,675964	10,195029	9,690126	8,770809	9,021782	10,496091	10,546468	10,618482	10,39743	10,5201845
0,00711204	0,022603965	2,1023537	down	noncoding	uc021wmm.1	4,6312017	5,0283046	4,6591606	6,92868	3,9323297	5,833019	5,886427	6,039394	7,2927375	5,488126
0,00711204	0,022603965	2,1023537	down	noncoding	uc021wmm.1	4,6312017	5,0283046	4,6591606	6,92868	3,9323297	5,833019	5,886427	6,039394	7,2927375	5,488126
0,00711204	0,022603965	2,1023537	down	noncoding	uc021wmm.1	4,6312017	5,0283046	4,6591606	6,92868	3,9323297	5,833019	5,886427	6,039394	7,2927375	5,488126
0,00711204	0,022603965	2,1023537	down	noncoding	uc021wmm.1	4,6312017	5,0283046	4,6591606	6,92868	3,9323297	5,833019	5,886427	6,039394	7,2927375	5,488126
0,00711204	0,022603965	2,1023537	down	noncoding	uc021wmm.1	4,6312017	5,0283046	4,6591606	6,92868	3,9323297	5,833019	5,886427	6,039394	7,2927375	5,488126
0,00711204	0,022603965	2,1023537	down	noncoding	uc021wmm.1	4,6312017	5,0283046	4,6591606	6,92868	3,9323297	5,833019	5,886427	6,039394	7,2927375	5,488126
0,00711204	0,022603965	2,1023537	down	noncoding	uc021wmm.1	4,6312017	5,0283046	4,6591606	6,92868	3,9323297	5,833019	5,886427	6,039394	7,2927375	5,488126
0,00385357	0,015140953	4,1243254	down	noncoding	ENST00000561906	3,6670508	3,8799627	3,1335263	3,489713	2,642579	5,291297	5,3460546	5,252384	5,1679597	5,9759274
0,00220644	0,010553065	2,49186	down	noncoding	ENST00000431027	5,905224	6,507306	6,098075	6,106219	5,5677023	7,435369	7,2797337	7,4619007	7,162556	7,431082
0,047844713	0,090781489	2,2883808	down	noncoding	ENST00000429352	4,3530946	4,083893	3,8206367	4,414936	2,642579	5,4013777	5,381772	5,3421726	4,161415	5,0000377
0,014272225	0,036966214	3,3578389	down	noncoding	ENST00000563750	9,030202	9,73575	9,115493	7,442833	7,538461	10,3605175	10,3454275	10,475114	10,018189	10,401156
9,94433E-06	0,000659839	3,9675297	down	noncoding	NR_047683	7,2824044	7,263702	7,2199497	7,6953554	7,1559253	9,263405	9,228554	9,343688	9,433976	9,288919
9,94433E-06	0,000659839	3,9675297	down	noncoding	NR_047683	7,2824044	7,263702	7,2199497	7,6953554	7,1559253	9,263405	9,228554	9,343688	9,433976	9,288919
9,94433E-06	0,000659839	3,9675297	down	noncoding	NR_047683	7,2824044	7,263702	7,2199497	7,6953554	7,1559253	9,263405	9,228554	9,343688	9,433976	9,288919
9,94433E-06	0,000659839	3,9675297	down	noncoding	NR_047683	7,2824044	7,263702	7,2199497	7,6953554	7,1559253	9,263405	9,228554	9,343688	9,433976	9,288919
9,94433E-06	0,000659839	3,9675297	down	noncoding	NR_047683	7,2824044	7,263702	7,2199497	7,6953554	7,1559253	9,263405	9,228554	9,343688	9,433976	9,288919
0,010407893	0,029393895	2,3658717	down	noncoding	ENST00000430275	4,1160336	3,998462	4,573554	3,086926	4,938613	5,51302	5,3793597	5,156665	5,19995	5,676453
0,004218211	0,016104609	4,1740609	down	noncoding	NR_033877	7,344992	7,97313	7,376435	7,5743957	6,217409	9,206145	9,109259	9,237888	9,726208	9,51412
0,008285888	0,025088534	3,0422765	down	noncoding	ENST00000425170	12,075911	12,714923	12,085765	11,201977	10,541817	13,420948	13,434299	13,432777	13,136236	13,2218895
0,036316842	0,073919103	2,461806	down	noncoding	NR_039995	4,152531	3,8802216	3,4585154	2,8246477	2,642579	4,1936936	4,7750745	5,1297665	4,1372886	5,221257
0,013813922	0,036044484	5,62996	down	noncoding	ENST00000534728	6,891893	7,8266263	6,9316278	7,192605	4,502068	9,0734415	9,174176	9,242992	9,03929	9,280544
0,005910977	0,020105485	2,011674	down	noncoding	ENST00000441659	3,1525257	3,8897715	3,2486167	3,087818	2,642579	4,71879	4,97594	3,9867797	3,5563102	3,8254738
0,000806918	0,005611973	4,6528141	down	noncoding	TCONS_00007074	6,1782513	6,7675333	6,207286	6,14824	5,3030086	8,263031	8,318745	8,381405	8,360614	8,371042
0,000661389	0,00498199	2,1611831	down	noncoding	ENST00000564138	8,219272	8,358957	8,282108	7,49079	8,03956	9,209115	9,1215515	9,39775	8,943261	9,278116
0,000253468	0,002935736	2,6650876	down	noncoding	ENST00000444529	7,606144	7,27555	7,582139	7,8987885	7,8618116	9,144386	8,91865	9,031873	8,872552	9,327887
0,000253468	0,002935736	2,6650876	down	noncoding	ENST00000444529	7,606144	7,27555	7,582139	7,8987885	7,8618116	9,144386	8,91865	9,031873	8,872552	9,327887
0,000253468	0,002935736	2,6650876	down	noncoding	ENST00000444529	7,606144	7,27555	7,582139	7,8987885	7,8618116	9,144386	8,91865	9,031873	8,872552	9,327887
0,000253468	0,002935736	2,6650876	down	noncoding	ENST00000444529	7,606144	7,27555	7,582139	7,8987885	7,8618116	9,144386	8,91865	9,031873	8,872552	9,327887
0,000155142	0,002287284	7,1122771	down	noncoding	NR_037859	6,641998	7,2305374	6,634187	6,6687584	6,2009335	9,501642	9,380497	9,530971	9,483363	9,631499
0,000155142	0,002287284	7,1122771	down	noncoding	NR_037859	6,641998	7,2305374	6,634187	6,6687584	6,2009335	9,501642	9,380497	9,530971	9,483363	9,631499
0,004231755	0,016127155	3,797476	down	noncoding	ENST00000504984	4,0466423	4,007899	3,31127	2,68316	2,642579	5,2545977	5,0913343	5,5030355	5,132132	5,335655
0,000245	0,002887528	2,5415676	down	noncoding	ENST00000457332	9,186215	9,398138	9,382657	9,146418	8,905275	10,656699	10,517992	10,494865	10,48713	10,59061
0,011648543	0,031739162	2,1711041	down	noncoding	ENST00000472293	7,022414	7,3300076	6,9545865	5,880788	6,3788285	7,852152	7,751158	7,888824	7,610528	8,056107
0,011648543	0,031739162	2,1711041	down	noncoding	ENST00000472293	7,022414	7,3300076	6,9545865	5,880788	6,3788285	7,852152	7,751158	7,888824	7,610528	8,056107
0,000782776	0,005518958	2,0513569	down	noncoding	ENST00000582881	5,125495	5,3375416	5,0261726	4,8137593	5,059885	6,048032	5,9844327	6,292133	5,9915857	6,2295628
0,03551044	0,072640322	2,8935493	down	noncoding	uc021yup.1	9,236973	9,895774	9,148008	7,209469	7,417083	10,115124	10,164008	10,303524	9,986807	10,002045
0,001283426	0,00747022	2,1575707	down	noncoding	ENST00000566787	6,0563073	6,419447	6,0647097	5,690748	5,626083	7,051157	7,2413692	7,082734	6,770702	7,258372
0,043210959	0,08406144	2,5913588	down	noncoding	ENST00000534036	4,4821734	4,6178417	4,212645	6,7544866	4,3847823	6,073374	6,3181067	6,340602	6,2835283	6,304862
0,043210959	0,08406144	2,5913588	down	noncoding	ENST00000534036	4,4821734	4,6178417	4,212645	6,7544866	4,3847823	6,073374	6,3181067	6,340602	6,2835283	6,304862
0,043210959	0,08406144	2,5913588	down	noncoding	ENST00000534036	4,4821734	4,6178417	4,212645	6,7544866	4,3847823	6,073374	6,3181067	6,340602	6,2835283	6,304862
0,043210959	0,08406144	2,5913588	down	noncoding	ENST00000534036	4,4821734	4,6178417	4,212645	6,7544866	4,3847823	6,073374	6,3181067	6,340602	6,2835283	6,304862
0,00604582	0,020446492	4,9329569	down	noncoding	TCONS_00003566	5,0833626	5,9140105	5,233334	4,195864	2,642579	7,233636	7,4577494	7,1427183	6,1118608	6,635449
0,006465362	0,021262036	2,1502254	down	noncoding	ENST00000514114	5,444681	5,497019	5,6711183	5,9333386	4,948909	6,645826	6,53673	6,8987007	6,3054953	6,6307535
0,004957912	0,017849757	3,6427786	down	noncoding	TCONS_00008171	3,5360851	4,7924905	3,44036	2,3967412	3,875617	5,4744196	5,6162047	5,459413	5,287325	5,529128
7,05611E-05	0,001522369	2,3365946	down	noncoding	ENST00000565861	6,4891114	6,6006227	6,420797	6,3340015	6,6158724	7,588919	7,60845	7,7819023	7,69216	7,911011
7,05611E-05	0,001522369	2,3365946	down	noncoding	ENST00000565861	6,4891114	6,6006227	6,420797	6,3340015	6,6158724	7,588919	7,60845	7,7819023	7,69216	7,911011
7,05611E-05	0,001522369	2,3365946	down	noncoding	ENST00000565861	6,4891114	6,6006227	6,420797	6,3340015	6,6158724	7,588919	7,60845	7,7819023	7,69216	7,911011
0,000172139	0,002387927	2,1876685	down	noncoding	ENST00000515356	5,8020554	6,00598	5,853258	5,377266	5,788291	6,78558	6,8840265	7,09618	6,676261	7,0317736
9,04583E-05	0,001698709	2,1070175	down	noncoding	ENST00000441170	9,928504	10,167043	10,044136	10,060737	9,807116	11,109877	11,126304	11,110879	10,963396	11,0730915
0,037714641	0,076041566	2,9361284	down	noncoding	ENST00000557295	4,6929274	5,491143	4,6686883	5,101643	2,642579	6,112159	6,531992	6,286487	5,4134164	6,0225015
0,000185134	0,002488143	2,2032604	down	noncoding	ENST00000556578	7,60845	7,6854463	7,5997033	7,5527177	7,3844137	8,75496	8,741642	8,864318	8,419957	8,748054
0,00333825	0,013822359	2,7719217	down	noncoding	NR_024203	6,401805	6,525449	6,148896	5,148842	6,150909	7,469566	7,417083	7,6659493	7,3782973	7,799438
0,00333825	0,013822359	2,7719217	down	noncoding	NR_024203	6,401805	6,525449	6,148896	5,148842	6,150909	7,469566	7,417083	7,6659493	7,3782973	7,799438
0,00333825	0,013822359	2,7719217	down	noncoding	NR_024203	6,401805	6,525449	6,148896	5,148842	6,150909	7,469566	7,417083	7,6659493	7,3782973	7,799438
0,018778281	0,045355238	2,3497198	down	noncoding	TCONS_00003791	3,717246	4,325717	4,097815	7,13008	2,642579	4,950423	5,6918306	5,3605127	7,2679734	4,805141
0,016871562	0,041927831	3,9432248	down	noncoding	ENST00000420327	4,264393	2,3729734	4,0116835	4,9703326	5,456427	5,8849297	6,125256	6,3620176	5,936575	6,663911
0,010979361	0,030489284	4,4383733	down	noncoding	TCONS_00014447	3,4354846	3,4015527	4,0582047	5,628957	2,642579	5,7849145	5,6808853	5,9772882	6,231901	6,241944
0,024147923	0,054635969	2,1943437	down	noncoding	ENST00000520646	3,157712	3,5406034	2,937492	4,511048	2,642579	4,2420626	4,330321	4,470454	4,6989775	4,716567
0,0007946	0,005565591	3,0509325	down	noncoding	ENST00000451910	7,81016	8,08375	7,917772	8,267212	7,2299037	9,657158	9,496556	9,139358	9,653181	9,408796
0,012550754	0,033529934	4,2503274	down	noncoding	ENST00000419624	4,76684	5,1224213	4,8931956	4,8967433	2,642579	6,4591384	6,4285803	6,786549	6,455529	6,6298523
0,033407108	0,069323736	9,5125982	down	noncoding	chr17:21173800-2114	4,4938602	3,4517303	4,183118	4,3428535	3,9929848	9,137272	9,497695	7,888157	5,06956	5,12106
0,000438033	0,003956856	5,8405933	down	noncoding	HMlincRNA1018-	5,321662	4,879231	5,0157266	6,511733	5,261454	7,8683057	7,852152	7,6743956	8,155591	8,169937
0,001487549	0,008173707	3,0029274	down	noncoding	NR_024237	5,019648	5,2953396	4,953066	4,758714	4,559417	6,243359	6,4630575	6,503709	6,441857	6,86605
5,74885E-05	0,001411334	2,9259986	down	noncoding	NR_028469	8,74126	8,750998	8,6556635	8,605958	8,809718	10,355594	10,44065	10,407029	9,922752	10,182218
5,74885E-05	0,001411334	2,9259986	down	noncoding	NR_028469	8,74126	8,750998	8,6556635	8,605958	8,809718	10,355594	10,44065	10,407029	9,922752	10,182218

5,74885E-05	0,001411334	2,9259986	down	noncoding	NR_028469	8,74126	8,750998	8,6556635	8,605958	8,809718	10,355594	10,44065	10,407029	9,922752	10,182218
5,74885E-05	0,001411334	2,9259986	down	noncoding	NR_028469	8,74126	8,750998	8,6556635	8,605958	8,809718	10,355594	10,44065	10,407029	9,922752	10,182218
5,74885E-05	0,001411334	2,9259986	down	noncoding	NR_028469	8,74126	8,750998	8,6556635	8,605958	8,809718	10,355594	10,44065	10,407029	9,922752	10,182218
5,74885E-05	0,001411334	2,9259986	down	noncoding	NR_028469	8,74126	8,750998	8,6556635	8,605958	8,809718	10,355594	10,44065	10,407029	9,922752	10,182218
5,74885E-05	0,001411334	2,9259986	down	noncoding	NR_028469	8,74126	8,750998	8,6556635	8,605958	8,809718	10,355594	10,44065	10,407029	9,922752	10,182218
5,74885E-05	0,001411334	2,9259986	down	noncoding	NR_028469	8,74126	8,750998	8,6556635	8,605958	8,809718	10,355594	10,44065	10,407029	9,922752	10,182218
5,74885E-05	0,001411334	2,9259986	down	noncoding	NR_028469	8,74126	8,750998	8,6556635	8,605958	8,809718	10,355594	10,44065	10,407029	9,922752	10,182218
5,74885E-05	0,001411334	2,9259986	down	noncoding	NR_028469	8,74126	8,750998	8,6556635	8,605958	8,809718	10,355594	10,44065	10,407029	9,922752	10,182218
5,74885E-05	0,001411334	2,9259986	down	noncoding	NR_028469	8,74126	8,750998	8,6556635	8,605958	8,809718	10,355594	10,44065	10,407029	9,922752	10,182218
0,000400443	0,003796033	21,8123968	down	noncoding	ENST00000447858	3,6585596	4,7937994	3,5528758	4,0313487	2,642579	8,187939	8,00588	8,3175125	8,077461	8,325752
0,01192551	0,032321129	11,3968811	down	noncoding	ENST00000471222	5,248353	6,036673	5,2984962	7,319813	2,642579	8,848615	8,889083	8,992077	8,54006	8,828915
0,024645424	0,055447513	2,1165158	down	noncoding	NR_039977	4,6807036	4,849932	5,3941884	6,263598	4,469742	6,260116	5,9818935	6,259473	6,3002696	6,2648683
0,000145995	0,002201231	3,8306503	down	noncoding	ENST00000546767	4,836728	5,0934453	4,750414	4,5255704	4,484767	6,6905546	6,718961	6,7230477	6,322741	6,923567
0,001676346	0,008775352	16,8222137	down	noncoding	TCONS_00014860	2,3977764	2,7640126	2,415766	4,880169	2,642579	7,0264025	7,046796	7,2447524	6,815466	7,3283644
0,001282633	0,00747022	2,7850378	down	noncoding	uc003bny.3	10,821428	11,1662655	10,741779	10,297011	10,404136	12,101231	12,033503	12,330007	12,08125	12,273113
0,000144363	0,002188252	23,6908767	down	noncoding	TCONS_00024434	4,2670794	3,9998324	3,3932748	5,51676	4,398267	8,993805	8,651314	8,679369	8,871496	9,210528
0,013421579	0,035244761	4,8990766	down	noncoding	AA879429	3,7275245	3,0140443	3,1404102	4,287183	2,642579	6,477564	6,4855137	5,690129	4,530711	5,0903726
0,001124443	0,006913061	4,267584	down	noncoding	NR_038279	5,248453	5,1697907	5,531586	5,414225	6,5204973	7,7718883	7,623427	7,966986	7,2452335	7,744115
0,039759515	0,079128182	2,1139089	down	noncoding	ENST00000429037	10,105251	10,653966	10,153748	8,615903	9,317088	10,823705	10,750107	10,944593	10,694747	11,03237
0,000218456	0,002724778	2,2242871	down	noncoding	ENST00000567090	10,435606	10,543543	10,411572	9,966111	10,383569	11,46745	11,427721	11,610489	11,378563	11,622893
0,000218456	0,002724778	2,2242871	down	noncoding	ENST00000567090	10,435606	10,543543	10,411572	9,966111	10,383569	11,46745	11,427721	11,610489	11,378563	11,622893
0,028378506	0,061316219	3,6499222	down	noncoding	TCONS_00021085	3,7815537	4,9255657	2,415766	4,1956615	2,642579	5,011842	5,268259	5,5500135	5,659369	5,810971
0,000285939	0,003158368	3,4962453	down	noncoding	ENST00000480427	13,109296	13,146471	13,006129	13,536992	12,8822975	15,0953865	15,062025	15,062025	14,750358	14,740423
5,41158E-05	0,0013639	9,3010147	down	noncoding	ENST00000395675	6,8533897	7,470007	7,002888	7,3518977	6,931218	10,54409	10,266403	10,415731	10,164431	10,305686
0,001290771	0,007501498	2,5984632	down	noncoding	NR_024451	6,52168	6,849251	6,5326886	5,7963505	6,4462395	7,7205877	7,714185	7,926835	7,68806	7,984835
2,52604E-05	0,000979853	3,4943008	down	noncoding	ENST00000446521	10,21253	10,213535	10,110092	9,833914	10,330444	11,862914	11,807732	12,002956	11,877782	12,17415
0,017357146	0,042867857	5,615101	down	noncoding	NR_026680	5,3916903	6,4324074	5,4844804	2,869489	3,648846	7,213216	7,187291	7,456849	7,057148	7,358969
0,008389451	0,025313943	2,5063196	down	noncoding	NR_045028	7,6363053	8,089003	7,619708	6,6006227	6,846022	8,691663	8,558873	8,899499	8,460378	8,8091
0,008389451	0,025313943	2,5063196	down	noncoding	NR_045028	7,6363053	8,089003	7,619708	6,6006227	6,846022	8,691663	8,558873	8,899499	8,460378	8,8091
0,009240186	0,027025669	3,5556194	down	noncoding	ENST00000450247	4,587322	4,5855846	4,5218725	8,161723	2,642579	6,015052	6,206224	6,1694937	9,278783	5,980033
0,047040091	0,0896461	3,4410303	down	noncoding	ENST00000535363	9,094223	9,824198	9,210528	12,810212	8,368186	11,798964	11,84384	11,489347	12,125456	10,963943
0,000725224	0,005259119	2,2912674	down	noncoding	ENST00000580440	6,667306	6,8758793	6,4327765	6,667066	6,0920205	7,6169605	7,841853	7,7722383	7,768451	7,7162747
0,005547015	0,019238485	2,1928467	down	noncoding	TCONS_00002039	7,2363095	7,546082	7,4035244	6,9106264	6,762741	8,36085	8,166604	8,127629	8,451914	8,416311
0,000689032	0,005093723	2,4339977	down	noncoding	ENST00000530270	7,230694	7,4184556	7,306159	7,5320334	7,151805	8,615193	8,607064	8,736179	8,342831	8,754519
0,023573193	0,053622937	2,7846365	down	noncoding	ENST00000514358	4,0535994	3,9323297	3,879118	3,2108517	2,642579	5,145143	4,63369	4,785204	4,8980265	5,6438594
0,008684812	0,025887872	2,5233461	down	noncoding	TCONS_00007244	4,473976	3,5412986	3,49397	6,3801975	3,924533	5,41627	5,1811666	5,3829846	6,8160105	5,694234
0,008550173	0,025657465	4,7458572	down	noncoding	ENST00000577528	6,4534326	6,8984003	6,023773	8,481022	5,7031946	9,075098	8,947294	8,932315	9,007513	8,830946
7,34254E-05	0,00155913	3,0106852	down	noncoding	uc001nne.1	3,8753679	3,2714312	3,8213048	3,4757638	3,7857993	5,3373914	5,140627	5,1351814	5,1118245	5,455102
0,001140428	0,006976154	2,0683741	down	noncoding	ENST00000567545	5,7351284	5,535401	5,6244197	6,30097	6,4667864	7,1330223	6,646711	6,811413	6,97206	7,341985