

Corresponding Author:

Javad Nazarian, Children’s National Medical Center, Center for Genetic Medicine
 111 Michigan Ave., NW, Washington DC, 20010
 Phone: 202-476-6022 Fax: 202-476-6014
 Email: JNazarian@CNMC.org

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold-Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg09672255	ZNF879	3.32E-09	9.68E-10	0.20776	-4.81315	M down vs W	93.796	21.5555	1.72359	1
cg10309386	BEND7;BEND7	1.14E-05	2.68E-06	0.17614	-5.67735	M down vs W	26.722	25.2928	7.09887	1
cg20299670	BCAN	1.90E-05	4.41E-06	6.95241	6.95241	M up vs W	24.467	31.4196	9.63122	1
cg06377353	GINS1	2.52E-05	6.30E-06	0.16936	-5.90461	M down vs W	23.2716	26.6569	8.59102	1
cg18778857	LOC642846	2.96E-05	5.07E-05	0.31217	-3.20339	M down vs W	22.6275	16.2856	5.39794	1
cg02380521	FCHO1;FCHO1;FCHO1;FCHO1	4.54E-05	3.72E-05	28.7944	28.7944	M up vs W	20.9502	118.448	42.4032	1
cg08395784	PCGF3	7.44E-05	1.75E-05	0.14202	-7.04126	M down vs W	19.1396	31.7547	12.4433	1
cg22142142	GABARAPL3	7.98E-05	4.20E-05	6.58253	6.58253	M up vs W	18.8933	34.3704	13.6439	1
cg05593887	MAGI2	0.0001	2.41E-05	93.0226	93.0226	M up vs W	18.0578	171.341	71.1635	1
cg04922606	FAM120B	0.00012	7.21E-05	0.07281	-13.7346	M down vs W	17.5316	68.4221	29.2708	1
cg14056849	LOC169834	0.00013	7.01E-05	4.2284	4.2284	M up vs W	17.2898	20.3261	8.81708	1
cg01543583	C14orf149	0.00015	0.00018	11.2729	11.2729	M up vs W	16.769	67.2511	30.0782	1
cg11702988	ATP11A;ATP11A	0.00016	0.00014	4.26377	4.26377	M up vs W	16.4686	22.464	10.2304	1
cg25124058	RMST	0.00017	0.00282	0.18332	-5.45484	M down vs W	16.379	61.736	28.2691	1
cg02623234	WDR60	0.00018	6.14E-05	3.62475	3.62475	M up vs W	16.2428	14.8448	6.85446	1
cg01320969	SUV420H1;SUV420H1	0.00019	0.0008	4.18262	4.18262	M up vs W	17.7428	28.111	10.2983	1
cg05638648	COL18A1;COL18A1;COL18A1	0.00022	9.50E-05	6.84766	6.84766	M up vs W	15.5736	34.6119	16.6685	1
cg13815695	LOC253724	0.00024	0.00028	0.03103	-32.2245	M down vs W	15.3333	138.369	67.6804	1
cg26376809	USP13	0.00026	7.29E-05	0.22052	-4.53481	M down vs W	16.6188	17.0314	6.66136	1
cg05890457	ARHGEF10	0.00028	7.89E-05	0.11544	-8.66285	M down vs W	14.8736	40.1308	20.236	1
cg04990378	C20orf166;MIR133A2	0.00028	0.00011	13.2701	13.2701	M up vs W	14.83	61.4727	31.0887	1
cg11812810	TTC9	0.00031	0.0001	14.9178	14.9178	M up vs W	18.423	51.6276	15.4129	1
cg11963755	SMYD2	0.00031	0.00012	3.98626	3.98626	M up vs W	14.4976	17.5314	9.06941	1
cg13160627	FAM20C	0.00035	0.00014	4.94729	4.94729	M up vs W	14.2023	23.7105	12.5212	1
cg27160931	ZFYVE28	0.00035	0.00047	0.08952	-11.1702	M down vs W	14.7861	65.1326	30.8349	1
cg16954525	MS4A4A;MS4A4A	0.00036	0.00036	0.11416	-8.75935	M down vs W	14.0976	52.6544	28.0124	1
cg24923430	MFHAS1	0.0004	0.00012	4.69418	4.69418	M up vs W	13.8169	20.7883	11.2842	1
cg14852227	ARHGAP24;ARHGAP24	0.00041	0.0002	3.05229	3.05229	M up vs W	13.718	11.9179	6.51585	1
cg14351440	MCF2;MCF2	0.00042	0.00048	5.08082	5.08082	M up vs W	13.6541	30.5426	16.7766	1
cg02614045	DOCK2	0.00045	0.00243	3.6449	3.6449	M up vs W	14.0288	28.7029	14.322	1
cg24694947	C13orf16	0.00047	0.00018	4.04886	4.04886	M up vs W	13.3093	17.8319	10.0486	1
cg09104660	NDUFA4L2	0.00048	0.00013	3.2302	3.2302	M up vs W	13.2948	11.7587	6.63343	1
cg25307521	KIAA1026;KIAA1026;KIAA1026;	0.00048	0.00013	3.22081	3.22081	M up vs W	13.2942	11.6632	6.57986	1
cg10327440	CDC42BPA;CDC42BPA	0.00048	0.00113	0.06826	-14.65	M down vs W	13.8561	93.2233	47.0956	1
cg16699528	GATS;GATS;PVRIG;GATS;GATS	0.00053	0.00036	7.46211	7.46211	M up vs W	13.5685	38.9374	20.0878	1
cg15549821	PLEKHA4;PLEKHA4	0.00055	0.00015	3.12431	3.12431	M up vs W	12.9027	11.0319	6.41255	1
cg14068657	NCRNA00092	0.00055	0.00017	3.35693	3.35693	M up vs W	12.9013	12.7519	7.41316	1
cg20704148	SLCO2B1;SLCO2B1	0.00061	0.00266	3.5782	3.5782	M up vs W	12.6232	26.4531	15.717	1
cg03088219	GPM6A;GPM6A;GPM6A	0.00063	0.0002	5.31402	5.31402	M up vs W	12.5357	24.5608	14.6946	1
cg16706559	CASP9;CASP9	0.00064	0.00384	3.60958	3.60958	M up vs W	21.1103	21.5013	4.07409	1
cg13573375	PIAS4	0.00071	0.00064	0.11444	-8.73804	M down vs W	12.2379	51.9462	31.8354	1
cg10496082	DUOX1;DUOX1;DUOX1	0.00074	0.004	0.18385	-5.43915	M down vs W	14.9131	40.6839	15.0043	1
cg18852414	SMYD2	0.00076	0.00046	4.66217	4.66217	M up vs W	12.0488	23.9435	14.9041	1
cg23764766	ERC1;ERC1;ERC1;ERC1;ERC1	0.00077	0.00025	6.89251	6.89251	M up vs W	12.0047	32.7716	20.4743	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold- Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg18624102	FBXO27 SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1	0.00315	0.00174	10.5802	10.5802	M up vs W	8.66558	55.5827	48.1064	1
cg14593314	1	0.00315	0.00092	3.39051	3.39051	M up vs W	9.66866	10.1677	6.30969	1
cg16362786	PDXK	0.00316	0.00084	3.23333	3.23333	M up vs W	8.65733	11.469	9.93582	1
cg19621008	LOC154822	0.00321	0.00086	5.56621	5.56621	M up vs W	8.62797	24.6216	21.4027	1
cg08084984	XYLT1 PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.00322	0.00137	12.1806	12.1806	M up vs W	8.62203	58.4217	50.8189	1
cg09908042	K6;PCSK6;PCSK6;PCSK6	0.00324	0.00243	5.16621	5.16621	M up vs W	8.6052	29.1898	25.4409	1
cg22905012	BRMS1;BRMS1	0.00327	0.00089	0.20807	-4.80614	M down vs W	8.58376	20.6657	18.0565	1
cg22807402	SLC25A19;SLC25A19;SLC25A19	0.00334	0.00092	3.1476	3.1476	M up vs W	8.53919	11.0424	9.69856	1
cg24106636	NHLH2;NHLH2	0.00338	0.00104	0.05129	-19.4962	M down vs W	8.51774	76.1206	67.0253	1
cg16527629	SPDEF	0.0034	0.00093	3.07712	3.07712	M up vs W	8.50161	10.6	9.35114	1
cg01788113	PRSS50	0.00354	0.00148	3.01096	3.01096	M up vs W	8.4191	11.3142	10.0791	1
cg08598654	DLX6AS	0.00355	0.00099	0.32418	-3.08473	M down vs W	8.4127	10.6844	9.52523	1
cg11314617	MSC	0.00358	0.00096	0.16822	-5.94471	M down vs W	8.39444	26.5037	23.6797	1
cg22371972	SLC17A6	0.0037	0.00162	0.06681	-14.9671	M down vs W	8.32477	68.9515	62.1202	1
cg16995742	COPS8;COPS8	0.00371	0.00112	0.16631	-6.01298	M down vs W	8.31616	27.6099	24.9002	1
cg15411554	ADAMTS16	0.00382	0.0014	0.32772	-3.05136	M down vs W	8.25862	11.2124	10.1824	1
cg11229715	CUL3	0.00382	0.0052	0.13724	-7.28672	M down vs W	8.50446	47.6936	39.2564	1
cg02772880	HYDIN;HYDIN	0.00387	0.00177	0.07279	-13.7382	M down vs W	8.22903	65.4316	59.6348	1
cg07480176	CASD1	0.00388	0.00178	0.15426	-6.48255	M down vs W	8.22123	33.2839	30.3639	1
cg11113469	DLX6AS	0.00411	0.00113	0.30469	-3.28207	M down vs W	8.10413	11.8483	10.9651	1
cg06429466	TRPV6;TRPV6	0.00425	0.00116	3.29895	3.29895	M up vs W	8.03457	11.9223	11.1291	1
cg19900989	SETBP1;SETBP1 C7orf50;C7orf50;GPR146;C7orf	0.00428	0.00115	3.50713	3.50713	M up vs W	8.02011	13.1098	12.2596	1
cg20603222	50	0.0043	0.00141	3.0289	3.0289	M up vs W	8.01049	10.7403	10.0559	1
cg04583232	SLC17A6	0.00433	0.00214	0.30425	-3.28679	M down vs W	7.99576	13.7677	12.9141	1
cg17671604	SPTBN4	0.00436	0.0042	4.48323	4.48323	M up vs W	7.98067	26.3303	24.7444	1
cg07353620	C19orf30;MIR7-3	0.00441	0.0015	3.37382	3.37382	M up vs W	7.95754	13.0618	12.3108	1
cg09289202	STK25	0.00445	0.00318	5.10988	5.10988	M up vs W	7.93689	28.6086	27.0338	1
cg26680317	IQGAP2	0.0046	0.00132	0.20788	-4.81059	M down vs W	7.87194	20.8761	19.8897	1
cg16178271	MAD1L1;MAD1L1;MAD1L1	0.00461	0.00131	6.11078	6.11078	M up vs W	7.86707	27.6618	26.3712	1
cg06870118	TTLL3	0.00463	0.00126	3.18471	3.18471	M up vs W	7.85591	11.1902	10.6832	1
cg24105081	CACNA2D4	0.00473	0.00171	6.48365	6.48365	M up vs W	7.81423	31.3481	30.0875	1
cg23427945	HLA-B	0.0048	0.00137	3.92008	3.92008	M up vs W	7.78381	15.7636	15.1889	1
cg14684457	NFE2L3	0.00484	0.00155	3.39245	3.39245	M up vs W	7.76626	12.9621	12.5177	1
cg24887265	SIX2	0.00491	0.00145	0.12846	-7.78425	M down vs W	7.73963	35.8859	34.7748	1
cg05730038	MFSD6L	0.00502	0.00136	0.26873	-3.72115	M down vs W	7.69197	14.3759	14.0171	1
cg18792536	UPK3B;UPK3B	0.00503	0.00136	0.17998	-5.55617	M down vs W	7.69015	24.4853	23.8799	1
cg22466043	CDC10L	0.00506	0.02517	4.50266	4.50266	M up vs W	9.39164	32.5774	17.3438	1
cg13200664	KCNK13	0.00513	0.00139	4.53572	4.53572	M up vs W	7.65079	19.0346	18.6594	1
cg03196364	BEST3;BEST3	0.0052	0.0016	4.26722	4.26722	M up vs W	7.62194	18.1134	17.8236	1
cg17196155	XRCC2	0.00529	0.00249	0.05328	-18.7685	M down vs W	7.80075	77.0655	69.1547	1
cg10974412	TNS3	0.0053	0.00187	5.79518	5.79518	M up vs W	7.5847	27.4892	27.1822	1
cg11620807	IRS1	0.00552	0.00229	0.28934	-3.45611	M down vs W	7.50253	14.2983	14.2935	1
cg04968806	SLC6A5	0.00554	0.00163	0.24399	-4.09849	M down vs W	7.49547	16.9026	16.9129	1
cg10592245	KCNK2;KCNK2;KCNK2	0.00555	0.00174	13.5455	13.5455	M up vs W	10.6533	34.0636	12.7899	1
cg24454829	SLC17A6	0.00562	0.00406	0.28674	-3.48746	M down vs W	7.46705	16.9119	16.9865	1
cg18088486	CUX1;CUX1;CUX1	0.00562	0.00154	0.08635	-11.5809	M down vs W	7.46588	50.0548	50.2835	1
cg03535793	EFCAB4B;EFCAB4B;EFCAB4B FXVD6;FXVD6;FXVD6;FXVD6;FXVD6	0.00563	0.00167	3.69206	3.69206	M up vs W	7.46171	14.5289	14.6035	1
cg14848289	D6	0.00566	0.00156	3.12683	3.12683	M up vs W	7.45063	10.8595	10.9315	1
cg18536148	TBX4;TBX4	0.00578	0.00192	0.24518	-4.07857	M down vs W	7.40972	17.3182	17.5292	1
cg14759043	EFCAB4B;EFCAB4B;EFCAB4B	0.00579	0.00179	3.57858	3.57858	M up vs W	7.40674	13.9853	14.1614	1
cg05916744	THY1	0.00588	0.0259	0.31683	-3.15627	M down vs W	8.96718	19.2567	10.7373	1
cg09512004	LOC154822	0.00591	0.00178	4.03647	4.03647	M up vs W	7.36556	16.6379	16.9416	1
cg09502207	TMEM71;TMEM71	0.00594	0.00399	3.18866	3.18866	M up vs W	7.35708	14.2858	14.5633	1
cg12492885	C22orf45;C22orf45;UPB1	0.00595	0.00162	0.23817	-4.19863	M down vs W	7.35204	17.1385	17.4835	1
cg11075451	GBP7	0.00604	0.00169	4.17781	4.17781	M up vs W	7.32126	17.1339	17.5522	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold- Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg26589251	ADAMTS17	0.00606	0.00167	0.19658	-5.08705	M down vs W	7.31669	22.0834	22.6367	1
cg21945930	DLX6AS	0.00607	0.00239	0.18582	-5.38157	M down vs W	7.31435	25.9519	26.6106	1
cg09864245	CD59;CD59;CD59;CD59	0.00609	0.00172	4.37193	4.37193	M up vs W	7.30779	18.2726	18.7532	1
cg01632188	MIR1260	0.00622	0.00179	4.37577	4.37577	M up vs W	7.26353	18.3808	18.9792	1
cg25979559	NHLH2;NHLH2	0.00624	0.00191	0.04755	-21.0295	M down vs W	7.2588	79.4932	82.1347	1
cg02768912	SKI	0.00643	0.00278	3.05849	3.05849	M up vs W	7.19873	11.7357	12.2269	1
cg17042243	HRNBP3	0.00645	0.00821	4.14192	4.14192	M up vs W	7.19434	26.1215	27.2313	1
cg09469554	CLDN10;CLDN10;CLDN10	0.00645	0.00179	0.10554	-9.47503	M down vs W	7.19405	42.2501	44.0469	1
cg25709790	DFNA5;DFNA5;DFNA5	0.00647	0.00194	4.89646	4.89646	M up vs W	7.18743	21.5112	22.4467	1
cg17535691	TLX1NB	0.0065	0.00186	0.13076	-7.64743	M down vs W	7.17963	34.8275	36.3816	1
cg18697636	SLC9A3;SLC9A3	0.00653	0.03196	0.25171	-3.97284	M down vs W	7.16975	40.6303	42.5018	1
cg00585714	GDF6	0.00655	0.00218	0.27996	-3.57201	M down vs W	7.16206	14.1852	14.8545	1
cg16051083	ZDHHC14;ZDHHC14	0.00658	0.00183	4.85635	4.85635	M up vs W	7.34848	19.4225	18.5014	1
cg08977311	C3orf50	0.00664	0.00189	14.2705	14.2705	M up vs W	7.32957	59.23	56.5668	1
cg03959986	SMG6;SMG6;SRR	0.00665	0.00467	3.79717	3.79717	M up vs W	7.13361	19.1861	20.1715	1
cg14200569	PRDM16;PRDM16	0.0067	0.0031	3.87868	3.87868	M up vs W	7.11883	17.583	18.5244	1
cg24077401	FCGBP	0.0068	0.02508	0.30979	-3.22802	M down vs W	7.09074	26.1897	27.7013	1
cg05387996	MIR548H4;NOX5	0.00685	0.00209	3.91197	3.91197	M up vs W	7.07732	15.9142	16.8646	1
cg02368820	PRDM16;PRDM16	0.00686	0.00193	5.65072	5.65072	M up vs W	7.07256	25.1188	26.6368	1
cg21249371	KDM2B;KDM2B	0.00688	0.00202	4.02338	4.02338	M up vs W	7.0675	16.4148	17.4193	1
cg26365090	TOX2;TOX2;TOX2;TOX2	0.00696	0.04431	3.07993	3.07993	M up vs W	7.0441	30.8023	32.7959	1
cg22696546	CNST;CNST	0.00697	0.0063	0.22917	-4.36358	M down vs W	7.04144	25.277	26.9231	1
cg12531767	TAZ;TAZ;TAZ;TAZ;TAZ	0.00708	0.00349	30.2859	30.2859	M up vs W	8.03029	91.6696	62.7851	1
cg09434500	GRIK5	0.00709	0.00209	7.06469	7.06469	M up vs W	7.00854	32.3949	34.6665	1
	COL11A2;COL11A2;COL11A2;CO									
cg13703714	L11A2	0.0071	0.00205	3.2055	3.2055	M up vs W	7.00562	11.4306	12.2372	1
cg14044167	NDRG1;NDRG1	0.00712	0.00497	4.66344	4.66344	M up vs W	7.00143	25.5546	27.3743	1
cg18658556	SORCS2	0.00715	0.00409	0.23136	-4.32234	M down vs W	6.99386	21.7884	23.3652	1
cg02322894	PRNT;PRNT;PRNT	0.00716	0.0024	3.96526	3.96526	M up vs W	6.99095	16.6329	17.844	1
cg18438853	NHLH2;NHLH2	0.00738	0.00259	0.17796	-5.61939	M down vs W	6.93204	26.4317	28.5973	1
cg17820365	GDF6	0.00752	0.00287	0.13638	-7.33239	M down vs W	6.89442	36.0304	39.1951	1
cg24849373	TSNARE1	0.00754	0.00595	3.49749	3.49749	M up vs W	6.88949	17.5459	19.1008	1
cg00065905	NHLH2;NHLH2	0.00756	0.00245	0.12893	-7.75607	M down vs W	6.88462	36.4118	39.6665	1
cg19691778	GDF6	0.00761	0.0025	0.15548	-6.43185	M down vs W	6.87218	30.1949	32.9534	1
cg11916054	PROP1	0.00765	0.00254	0.3236	-3.0902	M down vs W	6.86269	11.1183	12.1508	1
cg26985912	LOC100133091	0.00766	0.0022	0.16158	-6.18885	M down vs W	7.25337	23.7954	21.3239	1
cg17468459	TGFBR3	0.00768	0.00245	3.66898	3.66898	M up vs W	6.85487	14.6044	15.9789	1
cg10788927	COL6A1	0.00785	0.00218	3.33104	3.33104	M up vs W	6.81249	12.055	13.2716	1
cg22935921	DNAJA4;DNAJA4	0.00788	0.00245	7.43183	7.43183	M up vs W	6.80605	34.5135	38.0326	1
cg04843821	C10orf68	0.00802	0.01609	4.97425	4.97425	M up vs W	6.94788	39.7835	40.0819	1
	C10orf110;C10orf110;C10orf11									
cg12421087	0;C10orf110	0.00803	0.00594	0.16826	-5.94329	M down vs W	6.77024	34.927	38.6917	1
cg07475885	C2orf89	0.00811	0.0024	0.12881	-7.76364	M down vs W	6.75067	35.5538	39.5003	1
cg10513852	MYF5	0.0082	0.0041	0.31717	-3.15286	M down vs W	6.73027	12.9113	14.3879	1
cg18847598	ASAM	0.0082	0.00231	0.16221	-6.1649	M down vs W	6.72974	27.6501	30.8149	1
cg24142603	MSC	0.00823	0.00817	0.24493	-4.08274	M down vs W	6.72364	23.8827	26.6404	1
cg02485328	EBF1	0.00824	0.00229	0.16329	-6.12392	M down vs W	6.7206	27.3491	30.5208	1
cg02474195	SNRK;SNRK	0.00825	0.0023	3.27992	3.27992	M up vs W	6.71928	11.7593	13.1256	1
cg01449846	CAPN5	0.00828	0.00282	0.25097	-3.98455	M down vs W	7.33944	13.4808	11.0206	1
cg03900028	ZNF117	0.0083	0.00231	0.08787	-11.3798	M down vs W	6.70789	49.2641	55.0816	1
cg16345566	HLA-DQB1	0.0083	0.00275	0.22376	-4.4691	M down vs W	6.70775	19.5715	21.8831	1
cg21723903	EFCAB4B;EFCAB4B;EFCAB4B	0.00834	0.00251	7.48163	7.48163	M up vs W	6.69799	34.4329	38.5559	1
cg14669379	ADORA3	0.00842	0.00333	3.46653	3.46653	M up vs W	6.6794	14.158	15.8974	1
cg22418829	BTNL9	0.0085	0.00489	0.20941	-4.77522	M down vs W	6.66195	24.9396	28.0769	1
	SNORD115-5;SNORD115-12;SNORD115-10;SNORD115-									
cg02966053	8;SNORD115-9	0.0086	0.0026	3.15178	3.15178	M up vs W	6.64104	11.2154	12.666	1
cg23365293	HLA-DRB5	0.00862	0.00278	0.23981	-4.17004	M down vs W	6.6365	17.664	19.9624	1
cg09157668	KIAA1239	0.00863	0.00787	0.3058	-3.27009	M down vs W	6.63361	16.5126	18.6693	1
cg02469909	C22orf45;C22orf45;UPB1	0.00878	0.00247	0.20863	-4.7932	M down vs W	6.6004	20.477	23.2679	1
cg00594128	ZNF879;ZNF879	0.00881	0.003	4.97184	4.97184	M up vs W	11.528	9.17854	2.38859	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold-Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg06087421	TAL1;TAL1	0.01223	0.0035	0.28517	-3.5067	M down vs W	5.99216	13.1173	16.418	1
cg03022891	TNNT3;TNNT3;TNNT3;TNNT3	0.01225	0.00427	0.19151	-5.22162	M down vs W	5.98955	24.0854	30.1593	1
cg26748794	FAM38A	0.01233	0.00361	0.24608	-4.06381	M down vs W	5.97732	16.4932	20.6947	1
cg00704664	CDH4	0.01234	0.02938	3.07101	3.07101	M up vs W	5.97508	21.6054	27.1194	1
cg17610929	ACCN4;ACCN4;ACCN4;ACCN4	0.01235	0.01888	5.45627	5.45627	M up vs W	8.78382	25.3358	10.0953	1
cg01084740	TMEM30B;TMEM30B HSD11B1L;HSD11B1L;HSD11B1L ;HSD11B1L;C19orf70;HSD11B1L	0.01236	0.0044	0.26442	-3.78191	M down vs W	5.97335	15.7009	19.7137	1
cg24348823	;HSD11B1L	0.01248	0.00409	3.66893	3.66893	M up vs W	7.41974	8.58621	5.20745	1
cg23757365	C21orf2	0.01249	0.00369	3.27391	3.27391	M up vs W	5.95387	11.8249	14.8956	1
cg21272897	HSPG2	0.01258	0.0036	0.0865	-11.5603	M down vs W	5.94064	49.8929	62.9893	1
cg15839752	GPR162;GPR162	0.01263	0.00444	3.09701	3.09701	M up vs W	5.93451	11.2909	14.2693	1
cg22802296	PBX1	0.01265	0.00695	4.62626	4.62626	M up vs W	5.93061	23.724	30.0019	1
cg07083172	SNORD115-19;SNORD115-17;SNORD115-18;SNORD115-19;SNORD115-17;SNORD115-18 CCDC159;TMEM205;TMEM205; TMEM205;TMEM205;TMEM20	0.01268	0.00422	3.46315	3.46315	M up vs W	5.92764	13.4244	16.9853	1
cg06724266	5;TMEM205	0.0127	0.01965	3.89576	3.89576	M up vs W	8.68558	16.3954	6.60682	1
cg05136263	SIX2	0.01278	0.00561	0.22741	-4.39731	M down vs W	5.91345	20.6986	26.2519	1
cg01120761	CLEC4C;CLEC4C	0.01284	0.00582	3.18312	3.18312	M up vs W	5.90418	12.7745	16.2273	1
cg07861448	MSC	0.01303	0.00571	0.16991	-5.88559	M down vs W	5.87895	29.6385	37.811	1
cg06679534	CXCR4	0.01303	0.0046	4.87316	4.87316	M up vs W	5.87784	22.1788	28.2996	1
cg08042322	NT5DC3	0.01323	0.00411	3.15961	3.15961	M up vs W	5.85109	11.275	14.4525	1
cg01579206	CSNK1A1;CSNK1A1	0.01326	0.00421	0.30795	-3.24729	M down vs W	6.13989	10.1461	10.7412	1
cg00919591	BCR;BCR	0.01329	0.00401	3.31964	3.31964	M up vs W	5.84258	12.1569	15.6056	1
cg14220146	WNK2	0.0133	0.00397	3.46701	3.46701	M up vs W	5.84132	13.0211	16.7185	1
cg05422174	KIRREL3;KIRREL3	0.01341	0.00421	3.89811	3.89811	M up vs W	5.82694	15.8132	20.3535	1
cg00502469	RASA3	0.01342	0.01025	4.97995	4.97995	M up vs W	5.82548	29.0343	37.3801	1
cg16120147	LYNX1;LYNX1	0.01351	0.00739	3.92822	3.92822	M up vs W	5.81334	18.918	24.4069	1
cg19092981	TBX1;TBX1;TBX1	0.01353	0.00464	0.09909	-10.0922	M down vs W	5.81091	46.8402	60.4555	1
cg03175771	PRR14	0.01367	0.0166	3.58491	3.58491	M up vs W	5.79299	21.6377	28.0137	1
cg27244972	C21orf57	0.01373	0.0121	0.32628	-3.06486	M down vs W	5.785	14.8466	19.248	1
cg04879211	TNS3	0.01374	0.00461	3.33249	3.33249	M up vs W	5.78366	12.6171	16.3613	1
cg15564098	EVX1	0.01376	0.00502	0.09287	-10.7672	M down vs W	5.78156	50.4063	65.3885	1
cg15577010	NMUR1	0.01404	0.02193	4.3787	4.3787	M up vs W	5.87577	29.9838	35.7207	1
cg21878369	ZNF83	0.01404	0.00602	3.04513	3.04513	M up vs W	5.74545	11.6204	15.1691	1
cg16413687	ALX1	0.01405	0.00504	0.12931	-7.73324	M down vs W	5.8747	34.6148	41.2453	1
cg15448907	TMEM132B	0.01414	0.00423	0.20023	-4.99434	M down vs W	5.73342	21.7731	28.4818	1
cg12698737	ANP32A	0.01416	0.00418	4.77419	4.77419	M up vs W	6.01317	17.4654	18.8794	1
cg13389958	EVX1	0.01436	0.01442	0.25296	-3.95317	M down vs W	5.70646	23.4682	30.8442	1
cg19297537	HK1;HK1;HK1;HK1	0.01438	0.00439	6.5632	6.5632	M up vs W	5.70414	29.9624	39.3955	1
cg22956547	ZNF155;ZNF155	0.01445	0.0223	0.19351	-5.16783	M down vs W	5.69531	39.4161	51.9059	1
cg17913670	LOC154822	0.01454	0.00427	3.92464	3.92464	M up vs W	5.68363	15.6399	20.638	1
cg19032705	SH3PXD2B	0.01462	0.01291	3.16012	3.16012	M up vs W	5.67399	15.7206	20.7799	1
cg16310958	ABHD12;ABHD12	0.01472	0.00437	0.13567	-7.37088	M down vs W	5.66217	33.4819	44.3494	1
cg10044466	ADM	0.01483	0.01455	3.80592	3.80592	M up vs W	5.92507	19.0374	20.8847	1
cg23244463	KCNB2	0.01487	0.00675	3.28236	3.28236	M up vs W	5.64472	13.4717	17.8996	1
cg27092191	ZNF267	0.01498	0.00438	0.22267	-4.49096	M down vs W	5.63173	18.8469	25.0992	1
cg03261800	PAX5	0.015	0.00477	0.23427	-4.26863	M down vs W	5.62987	18.0272	24.0155	1
cg01538344	TAF7L;TAF7L;TAF7L	0.01508	0.00553	0.14553	-6.87159	M down vs W	5.62046	33.1791	44.2745	1
cg00394180	GDF6	0.0151	0.00454	0.23318	-4.28858	M down vs W	5.61827	17.8484	23.8264	1
cg08304084	SALL1;SALL1	0.01529	0.00448	3.16468	3.16468	M up vs W	5.59646	11.093	14.866	1
cg06869160	GALNT4;WDR51B	0.01529	0.00475	0.30206	-3.31061	M down vs W	5.59572	12.1835	16.3296	1
cg06544111	EVX1	0.01535	0.00638	0.12359	-8.09161	M down vs W	5.58925	40.5567	54.4215	1
cg01383753	CLDN23	0.01536	0.0092	0.31206	-3.20447	M down vs W	5.58851	14.1388	18.9749	1
cg01077501	CALD1;CALD1;CALD1;CALD1;CA LD1	0.01541	0.00537	3.30672	3.30672	M up vs W	5.58184	12.5764	16.8982	1
cg00510011	GPR98;GPR98;GPR98	0.01551	0.0046	0.32504	-3.07655	M down vs W	5.83959	9.20811	10.2495	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold-Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg01636599	FGF22	0.01565	0.00478	3.09651	3.09651	M up vs W	5.55573	10.7991	14.5784	1
cg15267232	GATA3;GATA3	0.01566	0.00775	0.21495	-4.65219	M down vs W	5.55424	23.1662	31.2817	1
cg21028319	TM2D2;TM2D2;TM2D2;TM2D2	0.01569	0.00529	0.13221	-7.56351	M down vs W	5.55054	35.635	48.1508	1
cg19659741	ADAM5P	0.01577	0.00919	0.20786	-4.81091	M down vs W	5.6636	23.8218	29.4428	1
cg05293216	FANCG	0.01587	0.00608	3.57949	3.57949	M up vs W	5.53127	14.7118	19.9481	1
cg02126788	NHLH2;NHLH2	0.01589	0.00471	0.19903	-5.0244	M down vs W	5.52887	21.8301	29.6129	1
cg09368046	EPN2;EPN2;EPN2	0.016	0.0053	0.21913	-4.56354	M down vs W	6.78047	12.418	8.24149	1
cg06842781	NDNL2;FAM189A1	0.01604	0.01604	3.6342	3.6342	M up vs W	7.84117	12.1299	18.5635	1
cg21646199	NHLH2;NHLH2	0.01605	0.00474	0.20429	-4.8949	M down vs W	5.51176	21.1014	28.7133	1
cg12751277	TSNAX-DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;TSNAX-DISC1;RNF185;RNF185;RNF185;RNF185	0.01606	0.00532	4.10554	4.10554	M up vs W	5.51092	17.2658	23.4976	1
cg01253545	5;RNF185;RNF185;RNF185	0.01606	0.00483	0.21561	-4.63795	M down vs W	5.94498	15.8399	15.9864	1
cg24999518	NHLH2;NHLH2	0.01607	0.00469	0.19516	-5.12395	M down vs W	5.50951	22.2624	30.3053	1
cg13462557	INADL	0.01613	0.00818	12.4227	12.4227	M up vs W	5.50248	62.7123	85.4782	1
cg17799295	CRB3;CRB3	0.01616	0.0047	0.3079	-3.24776	M down vs W	5.49949	11.5543	15.7574	1
cg17527589	ADAM3A;ADAM3A;ADAM3A	0.01635	0.00493	0.08863	-11.2833	M down vs W	5.47996	49.4242	67.6432	1
cg02257714	CACNA1H;CACNA1H	0.01635	0.00681	0.3301	-3.02938	M down vs W	5.59791	10.6326	13.2957	1
cg09866143	SLC12A8	0.01638	0.00485	8.91588	8.91588	M up vs W	5.47686	40.0644	54.8642	1
cg09378783	EGFR;EGFR;EGFR;EGFR	0.01639	0.00503	3.41505	3.41505	M up vs W	5.47529	12.7599	17.4784	1
cg18900649	PRDM13	0.01641	0.00497	7.80115	7.80115	M up vs W	5.47267	35.5546	48.7256	1
cg16079774	SLC17A6	0.01649	0.00618	0.29624	-3.37567	M down vs W	5.46446	13.2956	18.2483	1
cg14859088	PACSIN2	0.01651	0.00701	3.02325	3.02325	M up vs W	5.46287	11.4282	15.6899	1
cg13316188	BTBD9;BTBD9;BTBD9	0.01651	0.0049	3.22386	3.22386	M up vs W	5.4627	11.4745	15.7539	1
cg15658824	SORBS3;SORBS3	0.01681	0.00722	4.04211	4.04211	M up vs W	5.43182	18.2845	25.2463	1
cg01233934	PRDM13	0.01686	0.02957	3.76822	3.76822	M up vs W	5.42681	27.5093	38.0186	1
cg18612589	CLDN7	0.0169	0.0052	0.27264	-3.66784	M down vs W	5.4227	14.2925	19.7676	1
cg15725440	PRDM13	0.01694	0.00716	3.66141	3.66141	M up vs W	5.41806	15.704	21.7384	1
cg08276328	MAGEC1	0.01699	0.00643	3.34328	3.34328	M up vs W	5.41304	13.1231	18.1827	1
cg04373359	TMEM30B	0.0171	0.00598	0.23731	-4.21388	M down vs W	5.40246	18.1876	25.249	1
cg17370981	ATP4B	0.01719	0.02234	0.19113	-5.23207	M down vs W	5.50878	35.5625	45.1893	1
cg16836675	TOM1L1	0.0172	0.00792	3.13793	3.13793	M up vs W	5.39236	12.5301	17.4276	1
cg05456789	KLHL35	0.0172	0.00568	3.32598	3.32598	M up vs W	5.3917	12.477	17.3559	1
cg06365535	TBX4	0.01724	0.00819	0.19366	-5.16361	M down vs W	5.38833	26.0832	36.3051	1
cg14924160	SUGT1L1	0.01727	0.01874	3.52831	3.52831	M up vs W	5.38496	20.5272	28.5896	1
cg06376520	MYF5;MYF5	0.01729	0.00562	0.30874	-3.23895	M down vs W	5.38323	11.8763	16.5462	1
cg19003884	PRDM13	0.0173	0.00659	4.28079	4.28079	M up vs W	5.38169	19.0807	26.5911	1
cg00901687	MYCBPAP	0.01748	0.00549	4.04999	4.04999	M up vs W	5.36463	16.6392	23.2624	1
cg02421172	MAD1L1;MAD1L1;MAD1L1	0.01753	0.0068	3.53837	3.53837	M up vs W	5.35953	14.4932	20.2815	1
cg18346634	OPRD1	0.01755	0.01775	0.21118	-4.7352	M down vs W	5.35721	30.4307	42.6024	1
cg25817701	MAD1L1;MAD1L1;MAD1L1	0.01759	0.00753	3.73782	3.73782	M up vs W	5.35404	16.2721	22.7942	1
cg10088790	GSTO2	0.01759	0.00706	0.30583	-3.26985	M down vs W	5.35334	12.8709	18.0321	1
cg26069044	NRGN;NRGN	0.01763	0.00544	0.08486	-11.7841	M down vs W	5.34935	51.4819	72.1796	1
cg26799209	MSC	0.01775	0.00576	0.1232	-8.11695	M down vs W	5.33847	37.6606	52.9092	1
cg01237565	BRF1;BTBD6;BRF1	0.01777	0.01234	3.70475	3.70475	M up vs W	5.33634	18.8532	26.4974	1
cg06464008	TLX1NB	0.01777	0.00615	0.19069	-5.24406	M down vs W	5.33599	24.0471	33.7994	1
cg05092371	CTLA4;CTLA4	0.01778	0.0052	0.31123	-3.21302	M down vs W	5.33548	11.3437	15.9457	1
cg14768367	DHODH	0.01778	0.00895	0.18499	-5.40565	M down vs W	10.0307	9.22299	2.29868	1
cg20161976	ALOX12B	0.0178	0.00542	0.16505	-6.05861	M down vs W	5.333	27.337	38.4451	1
cg01427458	OPCML	0.0178	0.00558	3.86089	3.86089	M up vs W	5.33287	15.506	21.8072	1
cg02446378	ZNF17	0.01782	0.0055	0.29137	-3.43203	M down vs W	5.93912	9.25068	8.56671	1
cg16290866	GDF6	0.01792	0.00565	0.20832	-4.80034	M down vs W	5.32191	20.9511	29.5257	1
cg07568141	MRPS18A	0.01792	0.00656	3.14441	3.14441	M up vs W	5.32186	11.693	16.4787	1
cg24903893	EBF1	0.01792	0.00532	0.20566	-4.86238	M down vs W	5.32142	20.9032	29.4609	1
cg10526897	PCDHA2;PCDHA1;PCDHA1;PCDHA3	0.01806	0.00534	3.47805	3.47805	M up vs W	5.30855	12.9695	18.3235	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold-Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg10701801	OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.01822	0.00549	0.13667	-7.31717	M down vs W	5.40466	30.941	40.0741	1
cg27544000	ESPNP	0.01824	0.00633	0.17711	-5.64628	M down vs W	5.29196	26.2586	37.2149	1
cg24385632	PLEKHA7	0.01833	0.00643	4.32427	4.32427	M up vs W	5.28362	18.8511	26.7587	1
cg01564135	EVX1	0.0184	0.01361	0.20899	-4.78489	M down vs W	5.27701	27.5743	39.1903	1
cg17839758	C21orf29;KRTAP12-3	0.0184	0.00544	0.14827	-6.74441	M down vs W	5.27664	30.4083	43.221	1
cg14312018	C17orf68;PFAS	0.0184	0.0091	3.44496	3.44496	M up vs W	6.11692	10.2169	8.35137	1
cg23841760	SNORD115-7	0.01852	0.01516	4.82731	4.82731	M up vs W	5.26537	28.9237	41.1989	1
cg19790321	C2orf74	0.0187	0.00563	0.21875	-4.57134	M down vs W	5.2489	19.3679	27.6742	1
cg01911981	ADAM3A;ADAM3A;ADAM3A	0.01888	0.00571	0.19173	-5.21567	M down vs W	5.23263	22.9077	32.8339	1
cg01406536	TMEM132B	0.01889	0.00564	0.22137	-4.51737	M down vs W	5.2319	19.0209	27.2667	1
cg03388789	ZIC4;ZIC4;ZIC4	0.01889	0.00567	6.54236	6.54236	M up vs W	5.23176	29.558	42.373	1
cg11412582	HERC2	0.01892	0.00618	0.31794	-3.14528	M down vs W	5.22932	11.289	16.1909	1
cg15845365	MYO10	0.01893	0.00561	3.64052	3.64052	M up vs W	5.22886	13.9329	19.9846	1
cg24137511	MAST3	0.01916	0.00691	3.41829	3.41829	M up vs W	5.20757	13.388	19.2815	1
cg27079096	OR52B4	0.01922	0.00586	7.77606	7.77606	M up vs W	5.20306	35.4004	51.0282	1
cg01765077	WDR66	0.01922	0.00858	4.609	4.609	M up vs W	5.20286	22.1531	31.934	1
cg17896927	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.01927	0.00616	3.16289	3.16289	M up vs W	5.19805	11.3188	16.3313	1
cg03043709	MAD1L1;MAD1L1;MAD1L1	0.01942	0.00653	3.98931	3.98931	M up vs W	5.18496	16.5955	24.0052	1
cg08294044	KCNB2	0.01951	0.00669	4.21645	4.21645	M up vs W	5.17745	18.0654	26.1694	1
cg03586390	NRXN2;NRXN2	0.01957	0.01007	3.7889	3.7889	M up vs W	5.17237	17.6416	25.5806	1
cg01647917	GZMM	0.01963	0.04477	3.76447	3.76447	M up vs W	5.167	31.5332	45.771	1
cg10941566	CABP7	0.0198	0.00768	3.07127	3.07127	M up vs W	5.15197	11.4113	16.612	1
cg15838288	WNT3A	0.01982	0.01205	0.15337	-6.52027	M down vs W	5.15043	36.9956	53.8726	1
cg25350306	AFF3;AFF3	0.01983	0.0059	4.42658	4.42658	M up vs W	5.15015	18.4682	26.8947	1
cg11068352	OR6W1P	0.01988	0.00829	3.29418	3.29418	M up vs W	5.14599	13.1872	19.2197	1
cg01591343	WDR27	0.01988	0.00639	0.32337	-3.09245	M down vs W	5.14567	10.8948	15.8795	1
cg16404371	SLC2A14	0.01991	0.00813	0.19898	-5.02552	M down vs W	5.14321	24.0236	35.032	1
cg01957222	TPO;TPO;TPO;TPO	0.01991	0.00678	0.2916	-3.42936	M down vs W	5.14309	13.2141	19.2697	1
cg27518014	LOC100287834	0.01991	0.00596	9.29302	9.29302	M up vs W	5.14276	41.5462	60.5894	1
cg00748875	PCDHA1;PCDHA1;PCDHA2;PCDHA2	0.01993	0.00648	0.31566	-3.16802	M down vs W	5.14102	11.4016	16.6333	1
cg22149516	SLCO4C1	0.02	0.00608	0.26523	-3.77039	M down vs W	5.13558	14.7957	21.6077	1
cg22102688	BTNL9	0.02001	0.01506	0.23072	-4.33435	M down vs W	5.13499	24.4182	35.6644	1
cg15461888	AMPD3	0.02034	0.01287	0.2116	-4.726	M down vs W	5.10741	25.7541	37.8187	1
cg08453263	PLEKHA7	0.02044	0.00614	3.959	3.959	M up vs W	5.09909	15.8362	23.2928	1
cg00706570	MBP;MBP;MBP;MBP;MBP	0.02046	0.01491	0.30294	-3.30099	M down vs W	5.09711	16.0132	23.5622	1
cg20864636	GARNL3	0.02057	0.00765	3.26122	3.26122	M up vs W	5.08837	12.4937	18.4151	1
cg12169700	MAD1L1;MAD1L1;MAD1L1	0.02076	0.00623	10.5076	10.5076	M up vs W	5.07303	46.2548	68.3834	1
cg10452542	FBXW8;FBXW8	0.02085	0.0079	3.89911	3.89911	M up vs W	5.06555	16.6552	24.6596	1
cg21016266	WDR66;WDR66	0.02095	0.0067	3.22599	3.22599	M up vs W	5.05748	11.6934	17.3407	1
cg20592836	TP53INP2	0.02104	0.01288	10.5024	10.5024	M up vs W	5.04995	58.3907	86.7198	1
cg26972832	GPLD1	0.02113	0.02606	0.17473	-5.72309	M down vs W	5.04323	41.9294	62.355	1
cg16270385	GLUD2	0.02132	0.00668	0.25711	-3.88939	M down vs W	5.02798	15.6192	23.2985	1
cg11253913	CALD1;CALD1;CALD1;CALD1;CALD1;CA LD1	0.02137	0.00651	4.75078	4.75078	M up vs W	5.02413	20.3775	30.4194	1
cg08508814	CDC20B;CDC20B;CDC20B;GPX8	0.0214	0.00892	0.32344	-3.09176	M down vs W	5.02175	11.8162	17.6475	1
cg23058037	VIPR2	0.0215	0.00662	3.45442	3.45442	M up vs W	5.0143	12.9392	19.3535	1
cg23629001	PRPF8	0.02152	0.00919	6.55621	6.55621	M up vs W	6.98059	16.1894	8.11723	1
cg26284685	PRR20E;PRR20D;PRR20C;PRR20 B;PRR20A	0.02174	0.0081	3.07061	3.07061	M up vs W	4.99576	11.2544	16.896	1
cg11843606	RHBDD1;RHBDD1	0.0218	0.00709	9.61573	9.61573	M up vs W	6.02997	25.6857	19.1685	1
cg00254133	NTSR1;NTSR1	0.02183	0.0372	0.2959	-3.37955	M down vs W	4.98881	23.5656	35.4277	1
cg21148160	PAPLN	0.02186	0.01164	3.32733	3.32733	M up vs W	4.98682	14.5521	21.8858	1
cg06697407	TSPAN9;TSPAN9	0.02189	0.02867	3.72274	3.72274	M up vs W	4.98458	24.4813	36.8356	1
cg11898646	EBF1	0.02193	0.00662	0.31461	-3.17852	M down vs W	4.98091	11.1867	16.8444	1
cg18731327	ZIC4;ZIC4;ZIC4	0.02195	0.00737	4.09884	4.09884	M up vs W	4.97931	17.2054	25.9153	1
cg03102879	SCNN1B	0.02198	0.00688	0.18755	-5.33197	M down vs W	5.07678	22.0614	30.4188	1
cg14262439	TMEM132B	0.02199	0.00682	0.1323	-7.55879	M down vs W	4.97644	34.5011	51.9967	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold- Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg20653012	C2orf89	0.02212	0.00867	0.19343	-5.16974	M down vs W	4.96655	24.5223	37.0312	1
cg02374745	FBXO39;FBXO39	0.02226	0.01262	0.30033	-3.32969	M down vs W	4.95668	14.8899	22.5301	1
cg18502142	DLX6AS	0.02227	0.00754	0.10196	-9.80774	M down vs W	4.95555	45.1783	68.3754	1
cg19325477	PRKCA	0.02243	0.01465	3.26215	3.26215	M up vs W	4.94352	15.1299	22.9542	1
cg24364535	OPCML	0.02247	0.00702	4.85432	4.85432	M up vs W	4.9405	21.0929	32.0205	1
	WDSUB1;WDSUB1;WDSUB1;W									
cg07508773	DSUB1;WDSUB1	0.0226	0.00687	4.75449	4.75449	M up vs W	5.14455	17.7083	22.374	1
cg25933095	DLC1;DLC1;DLC1	0.02261	0.00794	3.41943	3.41943	M up vs W	4.93039	13.2545	20.1625	1
cg02849583	FSTL1	0.02263	0.00682	3.51512	3.51512	M up vs W	4.92919	13.2032	20.0892	1
cg25382566	CDCA5;ZFPL1;ZFPL1	0.02267	0.01017	0.31769	-3.14768	M down vs W	4.92639	12.4923	19.0184	1
cg10911971	EIF1B	0.02267	0.04456	4.11494	4.11494	M up vs W	5.93903	24.7985	18.7898	1
cg03603505	CLIP1;CLIP1	0.02269	0.00684	3.29094	3.29094	M up vs W	4.92487	11.8526	18.0501	1
cg08958618	FGF14	0.02275	0.00764	3.09189	3.09189	M up vs W	4.92041	11.0101	16.7824	1
cg14530382	SH2D3A	0.02276	0.00889	0.18051	-5.53984	M down vs W	4.91953	26.593	40.542	1
cg11625005	TERT;TERT	0.02284	0.00757	0.18757	-5.33142	M down vs W	4.91338	24.1005	36.7881	1
cg13174197	GNL3;GNL3;GNL3;PBRM1	0.0229	0.0229	0.21439	-4.66437	M down vs W	6.98178	15.9467	25.1244	1
cg26522157	LMTK3	0.02292	0.00744	4.03187	4.03187	M up vs W	4.90823	16.6152	25.3888	1
cg18109665	SRGAP3;SRGAP3	0.02296	0.00685	3.55688	3.55688	M up vs W	4.90515	13.4049	20.4962	1
cg22379915	KRT19	0.02297	0.00718	0.12162	-8.22216	M down vs W	4.90468	37.4886	57.3257	1
cg15972264	NEDD9	0.02322	0.00928	6.01963	6.01963	M up vs W	4.88658	29.4536	45.2058	1
cg11035303	ANO10	0.02323	0.00695	0.27605	-3.62249	M down vs W	4.88565	13.7991	21.1831	1
cg16592832	C22orf45;C22orf45;UPB1	0.02324	0.00699	0.32987	-3.03149	M down vs W	4.88532	10.2623	15.7548	1
cg08683938	OPCML	0.02333	0.00757	3.81999	3.81999	M up vs W	4.87879	15.3497	23.5966	1
cg01013630	SMUG1	0.02334	0.02334	0.31018	-3.2239	M down vs W	7.14925	8.31853	11.6355	1
cg25069807	TK1	0.02336	0.00756	4.83947	4.83947	M up vs W	4.87623	21.2233	32.6431	1
cg08600378	PRHOXNB	0.02338	0.00721	5.50363	5.50363	M up vs W	4.87481	24.4513	37.6188	1
cg15705062	KDM4B	0.02346	0.00728	3.40659	3.40659	M up vs W	4.86927	12.6547	19.4918	1
cg17342064	ALOXE3;ALOXE3	0.02355	0.00705	0.14372	-6.95791	M down vs W	4.8633	31.3432	48.3364	1
cg05037927	C2orf74	0.02376	0.00757	0.22355	-4.47319	M down vs W	4.84821	19.0556	29.4783	1
cg26354017	PM20D1	0.02382	0.02578	0.31075	-3.21805	M down vs W	4.84446	17.9976	27.8631	1
cg01047778	SHANK2	0.02382	0.00773	3.5791	3.5791	M up vs W	4.84421	13.8871	21.5006	1
cg09164580	GDF6	0.02383	0.0095	0.26326	-3.7985	M down vs W	4.84357	16.2622	25.181	1
cg07244980	CECR7	0.02386	0.01387	5.17208	5.17208	M up vs W	4.84192	28.0682	43.4768	1
cg18373354	ST14;ST14	0.02393	0.01048	0.16712	-5.98382	M down vs W	4.83689	30.1556	46.7588	1
cg21433768	CYB5R2	0.02398	0.01061	0.27965	-3.57586	M down vs W	4.83337	15.3496	23.8182	1
cg13524588	AES;AES;AES	0.02403	0.00741	0.27801	-3.59704	M down vs W	4.82978	13.7697	21.3825	1
cg10640333	OTX1	0.0241	0.00762	0.25097	-3.98459	M down vs W	4.82507	16.1817	25.1526	1
cg16817229	MX1;MX1	0.02413	0.01523	0.14988	-6.67217	M down vs W	4.91703	36.0408	51.3086	1
cg11930768	CRELD1;CRELD1;CRELD1	0.02415	0.00811	0.28299	-3.5337	M down vs W	5.16013	11.0242	12.8185	1
cg18297538	TRIM31	0.02415	0.01635	0.18445	-5.42144	M down vs W	5.02609	26.9864	34.9002	1
cg19176453	CDK6	0.02433	0.00824	0.32763	-3.0522	M down vs W	5.77641	6.32323	4.92599	1
cg21011139	CYB5R2	0.02436	0.00852	0.0771	-12.9697	M down vs W	4.80782	57.4341	89.5948	1
cg14273219	PPP1R3F	0.02448	0.01303	3.20621	3.20621	M up vs W	4.7998	13.6808	21.3772	1
cg27052113	SLC8A2	0.02448	0.00739	0.16132	-6.19891	M down vs W	4.79966	27.7621	43.3814	1
cg00836482	NR112;NR112;NR112	0.02454	0.01031	0.14237	-7.02377	M down vs W	4.79519	35.2989	55.2098	1
cg12301620	IFT172;IFT172	0.02467	0.02467	0.26846	-3.72502	M down vs W	8.12591	7.99899	6.89066	1
cg12562232	IGF1R	0.02467	0.00741	3.71534	3.71534	M up vs W	4.78657	14.3415	22.4715	1
cg14998086	TNS3	0.02476	0.00746	3.38342	3.38342	M up vs W	4.78086	12.3815	19.4236	1
cg06317507	MGC34034;MGC34034	0.02491	0.00822	0.26261	-3.80792	M down vs W	4.77075	15.3342	24.1066	1
cg18401451	C21orf70	0.02493	0.01432	3.15916	3.15916	M up vs W	4.76984	13.703	21.5463	1
cg04082461	CYP26A1;CYP26A1	0.02497	0.01148	0.28933	-3.45622	M down vs W	4.76691	14.7335	23.181	1
cg02893823	KRT19;KRT19	0.02497	0.00841	0.15162	-6.59531	M down vs W	4.76678	30.7273	48.346	1
cg11835342	BUD13;BUD13	0.02506	0.01235	3.18772	3.18772	M up vs W	5.45128	7.17438	6.58045	1
cg13251750	SERPINA9;SERPINA9	0.02515	0.00888	6.12386	6.12386	M up vs W	4.75528	28.7955	45.4162	1
cg21146592	PRDM13	0.02515	0.0087	3.92622	3.92622	M up vs W	4.75502	16.2935	25.6994	1
cg06955954	ATP4B	0.0255	0.02878	0.16659	-6.00261	M down vs W	4.73294	43.2874	68.5949	1
cg11749583	GLI3	0.02558	0.00862	0.16609	-6.02091	M down vs W	5.0537	22.2934	26.4678	1
cg22836359	GPR162;GPR162	0.02561	0.01408	7.10724	7.10724	M up vs W	4.72563	39.221	62.2472	1
cg20183778	ALKBH4;LRWD1	0.02566	0.00821	0.29112	-3.43504	M down vs W	5.4021	9.2512	8.5626	1
cg23125449	TMEM132B	0.0257	0.00774	0.26173	-3.82067	M down vs W	4.71989	14.9592	23.7705	1
cg25900280	TBX4	0.02574	0.00927	0.14138	-7.07299	M down vs W	4.71728	33.762	53.6782	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold- Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg02403292	SLIT3	0.02953	0.01769	3.76901	3.76901	M up vs W	4.57803	17.3443	26.5201	1
cg05291429	SLC43A2	0.02959	0.00903	7.06927	7.06927	M up vs W	4.4926	31.8554	53.1798	1
cg01790628	SNCAIP	0.0296	0.00904	3.69113	3.69113	M up vs W	4.49201	14.209	23.7237	1
cg14422932	STK32B	0.02973	0.00955	0.27699	-3.61023	M down vs W	4.48472	13.9598	23.3456	1
cg04108811	SMYD3	0.02983	0.01868	4.36878	4.36878	M up vs W	4.65783	20.4483	28.5355	1
cg12716639	USP2;USP2	0.02983	0.00929	3.91887	3.91887	M up vs W	4.4793	15.6345	26.1779	1
cg02803914	APBB1IP	0.02984	0.00919	0.2207	-4.53108	M down vs W	4.47928	19.07	31.9303	1
cg04959815	CYB5R2	0.02985	0.01266	0.12507	-7.99586	M down vs W	4.47823	40.2298	67.3757	1
cg16059943	PRKCZ;PRKCZ	0.02987	0.00975	3.05579	3.05579	M up vs W	4.47727	10.6214	17.7921	1
cg20771240	LOC100128239	0.02993	0.00914	4.98881	4.98881	M up vs W	4.47428	21.5119	36.0592	1
cg19556774	SLC2A14	0.02995	0.01584	0.28702	-3.48403	M down vs W	4.47333	15.6962	26.3163	1
cg03075889	MAD1L1;MAD1L1;MAD1L1	0.02996	0.00917	6.26472	6.26472	M up vs W	4.4725	28.0589	47.0524	1
cg27286614	MAD1L1;MAD1L1;MAD1L1	0.02997	0.01087	4.17033	4.17033	M up vs W	4.47219	17.9876	30.1659	1
cg22871566	AEBP2;AEBP2	0.02997	0.00919	3.09519	3.09519	M up vs W	4.47208	10.6471	17.8559	1
cg09864457	GRIK5	0.03004	0.00926	3.0347	3.0347	M up vs W	4.46849	10.2939	17.2774	1
cg16296902	CCL28	0.03005	0.00917	0.33262	-3.0064	M down vs W	4.46772	10.0882	16.9351	1
cg11440486	MYCBPAP	0.03011	0.00989	3.28875	3.28875	M up vs W	4.46467	12.0891	20.308	1
cg23830185	TNS1	0.03013	0.0092	3.03906	3.03906	M up vs W	4.46361	10.2869	17.2846	1
cg08268047	FMO2	0.03014	0.01585	0.22445	-4.45531	M down vs W	4.54397	22.4433	34.574	1
cg18199554	CCL28	0.0303	0.01404	0.24653	-4.05635	M down vs W	4.45446	18.8308	31.7056	1
cg03102729	GLUD2;GLUD2	0.0304	0.00932	0.15306	-6.53333	M down vs W	4.44919	29.3579	49.4887	1
cg19772066	ZNF229	0.03041	0.01482	3.38383	3.38383	M up vs W	4.44869	14.5322	24.4997	1
cg05850457	HDAC4	0.03057	0.00936	4.87426	4.87426	M up vs W	4.4404	20.9032	35.3063	1
cg12114820	OSBPL8;OSBPL8	0.03062	0.01392	0.33331	-3.00017	M down vs W	4.7271	9.27363	11.7708	1
cg09910635	TAC1;TAC1;TAC1;TAC1	0.03065	0.00938	0.27956	-3.5771	M down vs W	4.43612	13.5304	22.8754	1
cg26307117	LTF	0.0307	0.01031	0.15694	-6.37172	M down vs W	4.43395	29.458	49.828	1
cg08148553	AP1M2	0.03075	0.01628	0.21284	-4.69828	M down vs W	4.4311	24.1297	40.8415	1
cg12097883	LOC146880;LOC146880	0.03088	0.01006	3.74467	3.74467	M up vs W	4.42424	14.8214	25.1253	1
cg08961187	MDGA1	0.03138	0.0097	3.01377	3.01377	M up vs W	4.39874	10.1614	17.3255	1
cg05690644	GDF6	0.03143	0.0158	0.2647	-3.7779	M down vs W	4.39657	17.4751	29.8103	1
cg08214847	T	0.03143	0.0137	0.18091	-5.52773	M down vs W	4.39654	27.4675	46.8564	1
cg03269050	TLX1NB	0.03143	0.01083	0.31465	-3.17815	M down vs W	4.39636	11.5791	19.7534	1
SNORD115-9;SNORD115-										
cg07632934	5;SNORD115-12;SNORD115-10	0.03151	0.00987	3.36197	3.36197	M up vs W	4.39251	12.3317	21.0559	1
cg20415053	CATSPER4	0.03159	0.01062	0.14333	-6.97692	M down vs W	4.38822	32.406	55.3858	1
cg24682551	SLC22A15	0.03165	0.01611	3.00081	3.00081	M up vs W	4.38551	12.0018	20.5252	1
cg13741289	LAP3	0.03177	0.01101	0.24493	-4.08274	M down vs W	4.96697	12.6675	12.7518	1
cg01192077	EBF1	0.0318	0.00977	0.1026	-9.74696	M down vs W	4.378	43.1904	73.99	1
cg02745784	PDE11A	0.03196	0.0114	4.81468	4.81468	M up vs W	4.36969	21.6354	37.1344	1
cg04621020	SLCO4C1	0.03213	0.00995	0.22579	-4.42896	M down vs W	4.36139	18.4883	31.7931	1
cg01834010	ING1;ING1;ING1	0.03217	0.03837	0.27535	-3.63176	M down vs W	4.43734	21.9553	34.635	1
cg24733126	SCUBE2;SCUBE2	0.03236	0.01011	4.80048	4.80048	M up vs W	4.35025	20.6021	35.5189	1
cg25508118	STEAP3;STEAP3;STEAP3	0.03236	0.01989	7.40581	7.40581	M up vs W	5.43102	26.9434	19.844	1
cg11298989	LENG8	0.03256	0.03256	6.46359	6.46359	M up vs W	7.6547	10.873	8.52261	1
cg11928000	SAFB2;SAFB2;SAFB	0.03263	0.01068	0.17836	-5.60668	M down vs W	4.50495	21.9947	31.7353	1
cg12246608	RPH3AL	0.0327	0.0102	3.35735	3.35735	M up vs W	4.33372	12.2721	21.2384	1
cg17601209	PRDM16;PRDM16	0.03271	0.01007	3.10036	3.10036	M up vs W	4.33307	10.665	18.4597	1
cg17204288	GAGE2A	0.03274	0.01485	0.26796	-3.73194	M down vs W	4.33189	16.5277	28.6152	1
cg27659796	ABR;ABR	0.03281	0.01091	4.81533	4.81533	M up vs W	4.32865	21.1154	36.5855	1
cg12318400	AMPD3	0.03282	0.01889	0.11265	-8.87676	M down vs W	4.32804	49.6292	86.0018	1
cg09084244	CDK2AP1	0.0329	0.01069	4.28328	4.28328	M up vs W	4.32403	17.9461	31.1274	1
cg20746134	HK1;HK1;HK1;HK1;HK1	0.03295	0.01015	3.77234	3.77234	M up vs W	4.3215	14.6789	25.4754	1
cg24274579	TBX4	0.03297	0.01387	0.20311	-4.92344	M down vs W	4.32076	23.569	40.9112	1
cg26550710	GDF6	0.03298	0.01225	0.31046	-3.22104	M down vs W	4.32043	12.1479	21.0879	1
CBX3;CBX3;HNRNPA2B1;HNRNP										
cg03547487	A2B1	0.03311	0.01172	3.83286	3.83286	M up vs W	4.48024	13.4483	19.511	1
WDR81;C17orf91;WDR81;C17orf										
cg20876723	f91;C17orf91;C17orf91	0.03315	0.01365	0.13922	-7.18284	M down vs W	6.33929	7.39317	3.49874	1
cg14428252	C14orf38	0.03321	0.01122	0.17784	-5.62307	M down vs W	4.30949	25.6197	44.5871	1
cg06374325	NKX6-1	0.03327	0.01102	0.24049	-4.15818	M down vs W	4.30649	17.3286	30.1787	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold-Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg26816907	LHX9;LHX9	0.03645	0.01151	0.33289	-3.00396	M down vs W	4.1637	10.1316	18.25	1
cg27159088	TEX14;TEX14	0.03653	0.03653	0.09997	-10.0028	M down vs W	7.18338	20.696	17.2866	1
cg07833852	OR52E8	0.03656	0.02242	3.29165	3.29165	M up vs W	4.15906	15.1768	27.3682	1
cg16998883	TAF13	0.03658	0.03884	0.27609	-3.62203	M down vs W	4.41369	18.2843	24.8557	1
cg10569807	KRAS;KRAS	0.0366	0.01348	0.32414	-4.0851	M down vs W	4.41274	8.56558	11.6466	1
cg12055395	DLX6AS	0.03668	0.01393	0.20277	-4.93179	M down vs W	4.15397	22.7404	41.0579	1
cg09396676	LOC154822	0.03673	0.01143	3.07087	3.07087	M up vs W	4.15164	10.4859	18.9429	1
cg01476242	RPTOR;RPTOR	0.03723	0.01444	0.30414	-3.28798	M down vs W	4.13059	12.7452	23.1417	1
	BLCAP;BLCAP;BLCAP;BLCAP;NN									
cg23757721	AT;NNAT;BLCAP	0.03724	0.01177	3.26676	3.26676	M up vs W	4.13051	11.7322	21.3029	1
cg14100946	CDK6;CDK6	0.03725	0.01221	0.27289	-3.66451	M down vs W	4.13015	14.2986	25.965	1
cg06535993	APBB1IP	0.03729	0.01416	0.23407	-4.27221	M down vs W	4.12839	18.8239	34.1971	1
cg26155697	ITGA1	0.03754	0.01217	3.02011	3.02011	M up vs W	4.11806	10.3135	18.7834	1
cg13070738	ARHGEF5	0.03759	0.01215	3.07207	3.07207	M up vs W	4.11606	10.6248	19.3598	1
cg20914464	NOL4	0.0376	0.01259	0.30657	-3.26189	M down vs W	4.63671	8.54892	9.21874	1
cg00670212	LOC152225	0.03767	0.01353	3.11826	3.11826	M up vs W	4.18225	10.5424	17.6452	1
cg13177786	AMPD3	0.03771	0.03644	0.22261	-4.49208	M down vs W	4.11101	29.2827	53.4224	1
cg15223899	C22orf45;C22orf45;UPB1	0.03772	0.01514	0.31551	-3.16944	M down vs W	4.11032	12.1168	22.1092	1
	TXNRD1;TXNRD1;TXNRD1;EID3;									
cg21234561	TXNRD1;TXNRD1	0.03773	0.01201	0.15578	-6.41929	M down vs W	4.1103	28.9971	52.9106	1
cg18801906	SHANK2	0.03777	0.01353	5.23595	5.23595	M up vs W	4.10849	23.9593	43.7373	1
cg06733903	TMTC1	0.03788	0.01214	3.15783	3.15783	M up vs W	4.10393	11.115	20.3128	1
cg24693368	KCNJ3	0.03808	0.01456	0.32417	-3.08484	M down vs W	4.09596	11.3533	20.7887	1
cg26890189	SLC8A2	0.0382	0.01207	0.0741	-13.4948	M down vs W	4.1597	52.7164	88.7118	1
cg22586996	EBF1	0.03831	0.01195	0.15703	-6.36808	M down vs W	4.08665	28.5343	52.3674	1
cg16748433	ARHGEF10	0.03833	0.012	0.32338	-3.09237	M down vs W	4.08576	10.6246	19.5029	1
cg01442600	TIAM1	0.03834	0.01443	3.47194	3.47194	M up vs W	4.0855	13.7824	25.3012	1
cg25465065	PMF1	0.0384	0.01217	0.1563	-6.39813	M down vs W	4.08286	28.8332	52.965	1
cg16448058	TLX1NB	0.03859	0.01749	0.18063	-5.53622	M down vs W	4.14377	25.9996	43.9207	1
cg05731021	KBTBD2	0.03868	0.01291	3.00232	3.00232	M up vs W	4.31748	8.24677	11.4605	1
cg18529845	SRD5A2	0.03868	0.01212	0.12554	-7.96543	M down vs W	4.07162	35.8944	66.118	1
cg25981350	SDK1	0.0387	0.01276	3.90251	3.90251	M up vs W	4.07089	15.7328	28.9854	1
cg23049458	L1TD1;L1TD1	0.03872	0.01306	0.13055	-7.66002	M down vs W	4.07024	35.4573	65.335	1
cg06750897	PBX1	0.03874	0.01275	0.30762	-3.2508	M down vs W	4.06916	11.7828	21.7172	1
cg15215348	PDE4C	0.03881	0.02655	0.20805	-4.80656	M down vs W	4.06666	27.5934	50.8894	1
cg11497952	HELT	0.03904	0.01258	0.29467	-3.39363	M down vs W	4.12529	11.6952	19.845	1
cg02332902	C7orf50;C7orf50;C7orf50	0.03904	0.02154	3.42266	3.42266	M up vs W	4.05725	15.5442	28.7341	1
cg20469625	ZFPM2	0.03905	0.01222	3.19442	3.19442	M up vs W	4.05703	11.2348	20.7692	1
cg05114178	OR5R1;OR8U8	0.03914	0.04529	3.13361	3.13361	M up vs W	4.05328	18.4658	34.1682	1
cg05575054	ADRB1	0.03932	0.01827	0.28061	-3.5637	M down vs W	4.04653	15.5204	28.7661	1
cg13807985	IRAK3;IRAK3	0.03967	0.0202	0.18201	-5.4941	M down vs W	4.03294	28.8876	53.7219	1
cg06143522	SLITRK5	0.03985	0.01313	0.12298	-8.1312	M down vs W	4.02568	37.2213	69.3446	1
cg26992415	AMOTL1	0.03988	0.01685	3.27353	3.27353	M up vs W	4.02452	13.0405	24.302	1
cg14279151	TRAM2	0.03993	0.01256	3.3596	3.3596	M up vs W	4.0227	12.2453	22.8304	1
cg02867242	SLC44A4	0.04002	0.03748	3.587	3.587	M up vs W	4.01923	20.96	39.1119	1
	CX3CR1;CX3CR1;CX3CR1;CX3CR1;									
cg18565762	1;CX3CR1	0.04003	0.01255	0.26874	-3.72101	M down vs W	4.01874	14.3805	26.8377	1
	AMACR;AMACR;AMACR;AMAC									
cg18397975	R;AMACR;AMACR	0.04009	0.01365	3.68406	3.68406	M up vs W	4.0165	14.578	27.2215	1
cg03485694	EFCAB4B;EFCAB4B;EFCAB4B	0.04023	0.0134	3.36633	3.36633	M up vs W	4.01106	12.5321	23.4329	1
cg19657174	TBX1;TBX1;TBX1	0.04048	0.01334	0.23459	-4.2628	M down vs W	4.0019	17.8129	33.3833	1
cg04273303	WNT3A	0.04055	0.03858	0.12999	-7.69322	M down vs W	3.99908	53.9208	101.125	1
cg20012915	CYB5R2	0.04059	0.02497	0.25735	-3.88571	M down vs W	3.99752	19.7701	37.092	1
cg18635552	IRX1	0.04073	0.0226	0.15542	-6.43433	M down vs W	3.99243	35.6823	67.0312	1
cg13848598	ADRB1	0.04074	0.01282	0.27721	-3.60732	M down vs W	3.992	13.7193	25.7753	1
cg22152328	MX1;MX1	0.04076	0.0265	0.30873	-3.23906	M down vs W	3.9911	15.1656	28.4989	1
cg20690714	DNAH17	0.04084	0.01297	4.77574	4.77574	M up vs W	3.98815	20.4367	38.4327	1
cg19788741	SLCO4C1	0.04088	0.01294	0.12106	-8.26074	M down vs W	3.98651	37.2256	70.0342	1
cg19021960	C1orf35	0.04091	0.01732	3.82949	3.82949	M up vs W	5.70627	6.92267	3.63951	1
cg23654971	GBF1	0.04093	0.02553	0.26136	-3.82616	M down vs W	4.89316	12.2313	9.9987	1
cg13576342	NIPAL4;NIPAL4	0.04094	0.01712	0.31808	-3.14387	M down vs W	3.98458	12.1168	22.807	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold-Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg22226656	KIF26B	0.04102	0.01404	3.53736	3.53736	M up vs W	3.98148	13.7013	25.8094	1
cg20311754	COL4A1	0.04106	0.0129	0.30434	-3.28579	M down vs W	3.9799	11.7826	22.204	1
cg22939005	EGFR;EGFR;EGFR;EGFR	0.04112	0.01292	3.21439	3.21439	M up vs W	3.97773	11.3543	21.4085	1
cg06590444	ACPT	0.04125	0.01296	3.02339	3.02339	M up vs W	3.97267	10.1914	19.2403	1
cg19638477	GATA2	0.04141	0.01308	0.26108	-3.83026	M down vs W	3.96679	15.0398	28.4357	1
cg02093112	FBXO39	0.0415	0.01972	0.23341	-4.28425	M down vs W	3.96376	20.5151	38.8174	1
cg05855917	ZIC4;ZIC4;ZIC4	0.04159	0.01442	7.11412	7.11412	M up vs W	3.96034	33.1842	62.8434	1
cg01837410	SLCO4C1;SLCO4C1	0.04185	0.01323	0.23856	-4.19182	M down vs W	3.95075	17.1294	32.5181	1
cg27642554	GRM1;GRM1	0.04188	0.02525	0.25004	-3.99939	M down vs W	3.94959	20.4638	38.8593	1
cg13409449	GATA3;GATA3	0.04192	0.01636	0.25801	-3.87587	M down vs W	3.94834	16.5162	31.3731	1
cg19568649	DAD1;DAD1	0.04195	0.02354	0.22906	-4.3657	M down vs W	4.42803	14.3075	16.1556	1
cg00880452	SYCN	0.04199	0.01323	0.26407	-3.78695	M down vs W	3.94567	14.7672	28.0697	1
cg21049501	SOX9	0.04215	0.01474	0.2448	-4.0849	M down vs W	3.9398	17.1195	32.5895	1
cg12001148	KLHL35	0.0423	0.01576	3.00896	3.00896	M up vs W	3.9344	10.7326	20.4592	1
cg26309194	TMPRSS2;TMPRSS2	0.04237	0.01342	0.26285	-3.8044	M down vs W	3.93197	14.893	28.4076	1
cg23057706	RASGRP2;RASGRP2;RASGRP2	0.04238	0.01536	3.03322	3.03322	M up vs W	4.5843	6.33539	6.21888	1
cg02343736	KLHL35	0.0424	0.01645	3.07446	3.07446	M up vs W	3.93083	11.324	21.6062	1
cg07045089	TP73;TP73;TP73;TP73	0.04247	0.01385	3.47602	3.47602	M up vs W	3.92847	13.0843	29.9797	1
cg18965377	BACH2;BACH2	0.04249	0.04249	0.2139	-4.6752	M down vs W	6.12792	7.70117	8.79715	1
cg16654610	ZNF721	0.04252	0.02156	3.05364	3.05364	M up vs W	3.9265	12.3874	23.661	1
cg26844171	VDAC3;VDAC3	0.04259	0.01458	0.27377	-3.65276	M down vs W	4.39977	9.64606	10.962	1
cg16355271	EVX1	0.0426	0.01355	0.31223	-3.20279	M down vs W	3.92354	11.3183	21.6353	1
cg25219728	PARM1	0.0427	0.0144	3.02181	3.02181	M up vs W	3.92015	10.4302	19.9549	1
cg18481230	KCNJ3	0.04275	0.01484	0.15046	-6.64617	M down vs W	3.91818	30.9116	59.1695	1
cg01454487	DUOX1;DUOX1	0.04285	0.02035	0.1293	-7.73426	M down vs W	3.91481	40.5446	77.6754	1
cg11854154	AMPD3	0.04287	0.02415	0.19011	-5.26015	M down vs W	3.91424	28.5716	54.7456	1
cg03664443	MC2R	0.04303	0.016	3.33169	3.33169	M up vs W	3.90829	12.7965	24.5564	1
cg26124318	ADAM32;ADAM32	0.04311	0.01624	0.19081	-5.2407	M down vs W	3.90565	24.3587	46.776	1
cg01307174	ARPP-21;ARPP-21;ARPP-21;ARPP-21;ARPP-21;ARPP-21;HTR4;HTR4;HTR4;HTR4;HTR4;H	0.04312	0.01494	3.0445	3.0445	M up vs W	3.90528	10.6727	20.4967	1
cg01808284	TR4;HTR4	0.04312	0.03147	3.89376	3.89376	M up vs W	3.90516	21.348	40.9996	1
cg00522403	ZNF843	0.04339	0.02936	4.35888	4.35888	M up vs W	3.89589	24.2488	46.6814	1
cg24041078	BTG4;MIR34C	0.04342	0.01587	0.29446	-3.39601	M down vs W	3.89469	13.1213	25.2677	1
cg00109076	SLITRK5	0.04349	0.01487	0.20488	-4.88096	M down vs W	3.89237	21.5312	41.4874	1
cg04095826	PGBD5	0.04355	0.01416	3.18953	3.18953	M up vs W	3.89006	11.3163	21.8178	1
cg07749664	KLF5	0.04355	0.03265	0.31886	-3.1362	M down vs W	3.89004	15.2772	29.4545	1
cg11786966	ROR1;ROR1	0.04358	0.01418	3.13709	3.13709	M up vs W	3.88927	10.9986	21.2095	1
cg00554969	TBX22;TBX22;TBX22	0.04372	0.01396	0.12418	-8.05281	M down vs W	3.88423	36.367	70.2206	1
cg06480736	SLCO4C1	0.04375	0.01389	0.21202	-4.71656	M down vs W	3.88306	20.0626	38.7503	1
cg14013099	OR2M5	0.04399	0.02662	3.51974	3.51974	M up vs W	3.87499	16.9102	32.7294	1
cg06380320	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.04409	0.01556	3.05357	3.05357	M up vs W	3.87141	10.794	20.9109	1
cg02945056	GCC1	0.04413	0.01516	0.2789	-3.58548	M down vs W	3.87024	13.9863	27.1036	1
cg16414143	ESPN	0.04429	0.01619	0.24516	-4.07901	M down vs W	3.86448	17.3411	33.6548	1
cg15724256	EN1	0.0443	0.01428	0.33153	-3.0163	M down vs W	3.86435	10.2162	19.8277	1
cg23820589	PRKCZ;PRKCZ	0.04432	0.01405	3.423	3.423	M up vs W	3.86343	12.6164	24.492	1
cg18021902	WDR8	0.04446	0.02571	0.23664	-4.2258	M down vs W	3.85877	21.7755	42.3234	1
cg07333715	ASCL2	0.04458	0.01792	0.2387	-4.18931	M down vs W	3.85464	18.6503	36.288	1
cg26529864	BOLA3;BOLA3	0.04464	0.01583	4.50132	4.50132	M up vs W	3.85268	19.6317	38.217	1
cg17284804	TCTEX1D1	0.04464	0.01899	0.31177	-3.20748	M down vs W	3.85261	12.6122	24.5526	1
cg16810310	BRMS1;BRMS1;RIN1	0.0447	0.01415	0.27493	-3.63726	M down vs W	3.85079	13.8812	27.0357	1
cg20360416	SORCS2	0.04479	0.01478	3.67732	3.67732	M up vs W	3.84756	14.3283	27.93	1
cg24664957	VPS37B	0.04489	0.01556	3.20735	3.20735	M up vs W	3.84424	11.6826	22.7924	1
cg09016243	GLUD2	0.04517	0.0144	0.14333	-6.97712	M down vs W	3.83483	31.4824	61.5719	1
cg22711111	TRIM15	0.04521	0.03806	0.20175	-4.95655	M down vs W	3.83337	31.6168	61.8583	1
cg18150584	ID3	0.04523	0.01915	3.09041	3.09041	M up vs W	3.83287	11.7974	23.0846	1
cg14608180	PTGDS	0.04528	0.01462	3.4469	3.4469	M up vs W	3.83103	12.8326	25.1224	1
cg02483661	HES5	0.0453	0.01603	3.16209	3.16209	M up vs W	3.83046	11.4828	22.4832	1
cg02474731	LYPD6	0.04534	0.01572	3.14761	3.14761	M up vs W	3.82917	11.3062	22.1449	1
cg18001180	KCNK17;KCNK17	0.04535	0.01546	0.11646	-8.5868	M down vs W	3.96144	34.3993	56.443	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold-Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
	C1QTNF1;C1QTNF1;C1QTNF1;C									
cg07162665	1QTNF1	0.04565	0.01921	0.29888	-3.34586	M down vs W	3.87951	12.5693	22.6794	1
cg02918903	HTR2C	0.04569	0.02062	0.22715	-4.40234	M down vs W	3.81758	20.8611	40.9837	1
cg01395541	SPDEF	0.0457	0.01467	3.00831	3.00831	M up vs W	3.81713	10.141	19.9253	1
cg15574437	MAD1L1;MAD1L1;MAD1L1	0.04595	0.01459	5.38202	5.38202	M up vs W	3.80903	23.5836	46.4362	1
cg19155699	TM4SF19	0.046	0.01465	3.05419	3.05419	M up vs W	3.80738	10.3895	20.4658	1
cg11302992	ELP4	0.04603	0.01922	3.34477	3.34477	M up vs W	3.80648	13.4366	26.4744	1
cg26196882	SV2A	0.04607	0.01474	3.38817	3.38817	M up vs W	3.80498	12.4307	24.5022	1
cg08091192	ZIC4;ZIC4;ZIC4	0.04624	0.01979	4.04608	4.04608	M up vs W	3.79956	18.1764	35.8785	1
cg04375931	SMG6;SMG6;SRR	0.04624	0.01636	3.04902	3.04902	M up vs W	3.79939	10.7603	21.2409	1
cg23717290	NHLRC2;DCLRE1A	0.04629	0.02776	5.01166	5.01166	M up vs W	10.1349	5.44329	0.80562	1
cg24569831	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA;NFATC1;NFATC1;NFATC1;NFAT	0.04638	0.01555	3.5831	3.5831	M up vs W	3.79492	13.826	27.3246	1
cg21192698	C1	0.04638	0.0185	3.78412	3.78412	M up vs W	3.79479	16.0378	31.6971	1
cg13332774	GSTO2	0.04672	0.02756	0.25497	-3.92202	M down vs W	3.78394	19.7603	39.1661	1
cg09373037	SYT15;SYT15	0.04682	0.02135	0.28619	-3.49421	M down vs W	3.78061	14.9229	29.6041	1
cg11038340	AMN	0.04692	0.01533	0.25352	-3.94443	M down vs W	3.7774	15.8311	31.4325	1
cg13803647	LOC390858	0.04708	0.01542	3.74994	3.74994	M up vs W	3.77238	14.6961	29.2179	1
cg06501832	ROBO3	0.0472	0.02831	0.20833	-4.8002	M down vs W	3.7687	26.2232	52.1861	1
cg01058932	PFKFB1	0.04726	0.01753	3.0217	3.0217	M up vs W	3.76655	10.7703	21.446	1
cg19480724	EVX1	0.04731	0.01634	0.11743	-8.51577	M down vs W	3.76493	39.3449	78.3777	1
cg08862890	DOCK2	0.04735	0.01631	0.08907	-11.2266	M down vs W	3.76375	50.1075	99.8489	1
cg06367311	PLLP	0.0474	0.02127	0.23504	-4.25459	M down vs W	3.76219	19.8631	39.5974	1
cg16786117	VSIG4;VSIG4	0.04762	0.017	3.26417	3.26417	M up vs W	3.75519	12.1492	24.2648	1
cg08933939	PRDM13	0.04764	0.02004	4.04354	4.04354	M up vs W	3.75467	18.0308	36.0168	1
cg07860213	PRDM14	0.04775	0.01533	0.15479	-6.46056	M down vs W	3.75122	29.0571	58.0953	1
cg00485849	RASSF6;RASSF6	0.04779	0.02131	0.33083	-3.02273	M down vs W	3.75	11.5617	23.1234	1
cg02637318	ADAM32;ADAM32	0.04787	0.01902	0.18632	-5.36717	M down vs W	3.74751	25.5158	51.0654	1
cg06493612	JARID2	0.04816	0.01617	3.95642	3.95642	M up vs W	3.73836	16.0475	32.1948	1
cg13620034	MSC	0.04816	0.01682	0.13809	-7.24188	M down vs W	3.73834	33.7435	67.6976	1
cg05412957	SCGN	0.0482	0.0171	0.23558	-4.24482	M down vs W	3.73701	18.0959	36.3176	1
cg16333971	UBL3	0.04831	0.01674	0.21559	-4.63836	M down vs W	4.32379	13.4553	14.0036	1
cg19431051	C11orf64	0.04859	0.01832	3.24978	3.24978	M up vs W	3.72515	12.3031	24.7703	1
cg24867790	NPHS2	0.04878	0.02944	4.35228	4.35228	M up vs W	3.71915	23.1272	46.638	1
cg22309623	ZNF492	0.04891	0.01675	0.15713	-6.36409	M down vs W	3.71528	29.2522	59.0511	1
cg15891218	TMEM30B;TMEM30B	0.04912	0.02448	0.31772	-3.14743	M down vs W	3.70895	12.9854	26.2583	1
cg09733864	LOC154822	0.04925	0.01758	3.81695	3.81695	M up vs W	3.70501	15.5591	31.4961	1
cg12239580	FAM198A	0.0495	0.01611	3.1927	3.1927	M up vs W	3.69723	11.2907	22.9037	1
cg01506891	LETM2	0.04966	0.02086	3.3055	3.3055	M up vs W	4.75326	6.01914	4.43212	1
cg00069771	C1orf57	0.04974	0.01644	0.15608	-6.40718	M down vs W	3.69023	29.0679	59.0774	1
cg10120897	ZNF469	0.04974	0.01671	3.23901	3.23901	M up vs W	3.69014	11.708	23.796	1
cg04507915	TRIM71	0.04977	0.02749	0.25632	-3.9014	M down vs W	3.6891	19.096	38.8226	1
cg10659805	DLX6AS	0.0498	0.01604	0.14384	-6.95232	M down vs W	3.68816	31.3733	63.7988	1
cg05603630	PRKG1	0.04987	0.02111	0.31261	-3.19892	M down vs W	4.26147	7.40354	7.81794	1
cg19704805	LMO3;LMO3	0.04989	0.01638	0.23912	-4.18195	M down vs W	3.88887	13.7658	21.2388	1
cg25592206	CDKN2C;CDKN2C	0.04997	0.01672	3.38973	3.38973	M up vs W	3.68316	12.6093	25.6762	1
cg04922154	EVX1	0.04999	0.01601	0.28164	-3.55066	M down vs W	3.68263	13.3688	27.2267	1
cg24453580	PRPH	0.05004	0.02457	0.04415	-22.6515	M down vs W	3.73754	89.1581	166.983	1
cg05604079	QRFPR	0.05017	0.02464	0.25442	-3.93058	M down vs W	3.67727	18.3944	37.5164	1
cg09667289	FMN1	0.05024	0.01911	3.99464	3.99464	M up vs W	3.67527	17.0315	34.7556	1
cg21555796	KLHL35	0.05025	0.01665	5.03708	5.03708	M up vs W	3.67503	22.0385	44.9762	1
cg10074347	MAD1L1;MAD1L1;MAD1L1	0.05031	0.01785	3.44505	3.44505	M up vs W	3.67321	13.2301	27.0133	1
cg05753675	RNF216;RNF216	0.05031	0.02828	4.0358	4.0358	M up vs W	3.97173	15.1567	20.9888	1
cg26998044	PIK3R5	0.05043	0.03158	0.32262	-3.09963	M down vs W	3.66945	13.9137	28.4383	1
cg23729107	FBXO39	0.05044	0.01618	0.18278	-5.47111	M down vs W	3.66927	24.055	49.1684	1
cg07449450	USH1C;USH1C	0.05054	0.01623	0.13358	-7.48624	M down vs W	3.66634	33.7635	69.0678	1
cg02802871	GIN51	0.05066	0.01823	3.63991	3.63991	M up vs W	3.71881	13.5133	25.4363	1
cg08002883	FGF12;FGF12	0.05077	0.02882	0.06156	-16.2454	M down vs W	3.71538	81.0401	152.684	1
cg09227621	WNT3A	0.05086	0.03011	0.2048	-4.88274	M down vs W	3.65692	26.6887	54.7359	1
cg17770035	NCR2	0.05109	0.01708	0.1972	-5.07113	M down vs W	3.65022	22.2796	45.7773	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold-Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg19046783	CYP3A4	0.05114	0.03555	3.35438	3.35438	M up vs W	3.64872	16.6805	34.2869	1
cg25793521	UCP1	0.05118	0.04325	0.24917	-4.0134	M down vs W	3.6477	24.0638	49.4773	1
cg17004290	CYP2U1	0.05127	0.03716	0.23784	-4.20446	M down vs W	3.64494	23.9367	49.2533	1
cg04814784	VHL;VHL	0.0513	0.03155	5.21111	5.21111	M up vs W	3.64421	29.4091	60.5257	1
cg16241932	ZDHHC14;ZDHHC14	0.0515	0.01666	0.21913	-4.5636	M down vs W	3.6384	19.2379	39.6559	1
cg26746936	GRIK5	0.05152	0.01897	5.15789	5.15789	M up vs W	3.63783	23.5865	48.6275	1
cg26296488	DRD5	0.05158	0.0236	0.1293	-7.73395	M down vs W	3.63615	39.9261	82.3523	1
cg18513313	SYT15;SYT15	0.05161	0.02581	0.30804	-3.24635	M down vs W	3.63508	13.7151	28.2974	1
cg10140126	AFF3;AFF3	0.05163	0.01767	3.05682	3.05682	M up vs W	3.63456	10.6426	21.9613	1
cg07618759	COL4A2	0.05163	0.01661	3.80763	3.80763	M up vs W	3.63446	14.8911	30.7289	1
cg07657142	KIAA1586;KIAA1586	0.05165	0.01782	3.78605	3.78605	M up vs W	4.04383	10.1524	12.553	1
cg05840533	C20orf70	0.0517	0.02012	4.53096	4.53096	M up vs W	3.63247	20.436	42.1945	1
cg06070263	ZIC4;ZIC4;ZIC4	0.05177	0.01755	3.95147	3.95147	M up vs W	3.63067	16.0369	33.128	1
cg03934926	KLHL35	0.05188	0.0355	4.91206	4.91206	M up vs W	3.6275	28.667	59.2702	1
cg09128567	ECHDC2	0.05199	0.01912	0.10024	-9.9759	M down vs W	3.62416	46.3291	95.8755	1
cg13170705	ADAMTS17	0.05209	0.03291	3.00455	3.00455	M up vs W	3.62133	13.2211	27.3818	1
cg17610800	EVX1	0.05218	0.03755	0.33035	-3.0271	M down vs W	3.61892	14.2032	29.4352	1
cg10931884	KCNIP1;KCNIP1;KCNIP1	0.05227	0.01682	5.43063	5.43063	M up vs W	3.61623	23.8382	49.4399	1
cg03347632	PGBD5	0.0523	0.01724	4.55576	4.55576	M up vs W	3.6156	19.3191	40.0744	1
cg20480723	VPS53	0.0524	0.02743	3.16521	3.16521	M up vs W	3.6126	13.3835	27.785	1
cg02819655	PDE11A;PDE11A	0.05242	0.03051	0.20496	-4.879	M down vs W	3.61201	26.4845	54.9925	1
cg12361311	TRPC4AP;TRPC4AP	0.05268	0.02935	3.70834	3.70834	M up vs W	4.15562	11.0973	12.0169	1
cg14662355	LMX1A;LMX1A	0.05268	0.01854	0.31003	-3.22552	M down vs W	3.60464	11.8068	24.5659	1
cg05797929	STEAP1	0.0527	0.03789	0.29021	-3.44577	M down vs W	3.60412	17.7193	36.8729	1
cg02003183	CDC42BPB	0.05277	0.01784	3.17285	3.17285	M up vs W	3.60228	11.3028	23.5325	1
cg22166144	SKI	0.05286	0.0171	3.37827	3.37827	M up vs W	3.5997	12.3585	25.749	1
cg22443762	LHX9;LHX9	0.05292	0.01727	0.31226	-3.20246	M down vs W	3.59799	11.3326	23.6228	1
cg11802864	LTBP3;LTBP3;LTBP3	0.05293	0.01876	0.16828	-5.94249	M down vs W	3.59769	27.4078	57.1362	1
cg21277995	IRF4	0.05302	0.02738	0.03596	-27.8122	M down vs W	3.71294	96.9147	169.662	1
cg18155211	ELP2P;GEMIN4;GEMIN4	0.0531	0.01873	3.50595	3.50595	M up vs W	3.59302	13.5568	28.2981	1
cg00350835	PLEKHA7	0.05322	0.02075	4.79176	4.79176	M up vs W	3.58952	21.9786	45.9224	1
cg07989833	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.05323	0.01735	3.69843	3.69843	M up vs W	3.58935	14.3017	29.8837	1
cg25051341	PRDM13	0.05323	0.03054	5.56234	5.56234	M up vs W	3.58926	30.8658	64.4961	1
cg12382864	PIK3AP1	0.05325	0.01779	0.19514	-5.12443	M down vs W	3.87435	16.674	23.6703	1
cg26653725	MAP2K3	0.0534	0.02173	4.38266	4.38266	M up vs W	3.63843	18.5221	35.6347	1
cg00257789	TTC15	0.05357	0.0173	0.17897	-5.58746	M down vs W	3.57995	24.6598	51.6622	1
cg25599538	UCP1	0.05361	0.01804	0.24752	-4.04007	M down vs W	3.5788	16.4919	34.5617	1
cg22952678	GNS	0.05369	0.02113	0.3302	-3.02843	M down vs W	3.5767	11.0295	23.1279	1
cg02436004	GATA2	0.05373	0.01749	0.30346	-3.29538	M down vs W	3.57566	11.8811	24.9208	1
cg05121480	SST	0.05382	0.01974	0.28445	-3.51561	M down vs W	3.57309	13.8157	28.9994	1
cg21881253	MIR34B;BTG4;MIR34C	0.05383	0.01746	0.13523	-7.39472	M down vs W	3.57288	33.3919	70.0944	1
cg05475934	APBB1IP;APBB1IP	0.05393	0.01874	0.23656	-4.2272	M down vs W	3.56995	17.7878	37.3699	1
cg06776915	GSTO2;GSTO2	0.05397	0.02448	0.27947	-3.57819	M down vs W	3.56896	15.446	32.4591	1
cg10282807	ACRBP;ACRBP	0.05414	0.01828	0.29202	-3.42449	M down vs W	3.56431	12.8288	26.9944	1
cg11676902	PRDM13	0.05443	0.0206	3.76205	3.76205	M up vs W	3.5564	15.5259	32.7422	1
cg10662395	HCN2	0.05445	0.0203	3.57429	3.57429	M up vs W	3.55581	14.2658	30.0898	1
cg00481951	SST	0.05458	0.01809	0.2686	-3.72308	M down vs W	3.5523	14.5239	30.6644	1
cg06088084	BMS1P1;BMS1P5	0.05486	0.01844	0.22458	-4.4527	M down vs W	3.82375	13.9477	20.0621	1
cg17370616	RPL13AP3	0.05497	0.04022	0.25088	-3.986	M down vs W	3.54185	22.3608	47.3499	1
cg25745379	GPR12	0.05508	0.01867	7.51267	7.51267	M up vs W	3.53887	34.4581	73.0276	1
cg20723355	FBXO39	0.05511	0.02007	0.12518	-7.98876	M down vs W	3.53809	37.6153	79.7364	1
cg07187103	LDHA;LDHA;LDHA;LDHA;LDHA	0.05518	0.02076	8.08543	8.08543	M up vs W	3.53623	38.5307	81.72	1
cg11096000	KCNQ1;KCNQ1	0.05523	0.03304	3.32836	3.32836	M up vs W	3.53498	15.4441	32.767	1
cg18181229	PBX1	0.05537	0.01819	0.29429	-3.398	M down vs W	3.53136	12.5285	26.6083	1
cg24749362	TCP10L2	0.05553	0.02311	3.29252	3.29252	M up vs W	3.52712	13.032	27.7111	1
cg08657228	DEFB128	0.05582	0.0292	0.30829	-3.24374	M down vs W	3.51948	13.9624	29.7539	1
cg07472199	ZNF843	0.05588	0.03245	3.66698	3.66698	M up vs W	3.51789	17.8069	37.9636	1
cg02426623	TSPAN9;TSPAN9	0.05588	0.01841	3.01226	3.01226	M up vs W	3.5177	10.1879	21.7214	1
cg27087956	PRDM6	0.05598	0.04579	0.31091	-3.21636	M down vs W	3.51513	16.8419	35.9345	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold-Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg14032025	ZFP64	0.05606	0.02549	4.88215	4.88215	M up vs W	3.51315	23.9116	51.0473	1
cg11410731	DHX15;DHX15	0.05606	0.01893	0.32249	-3.10086	M down vs W	3.62574	9.4247	16.896	1
cg12204258	ZIC1	0.05626	0.02071	5.33552	5.33552	M up vs W	3.50792	24.5073	52.3971	1
cg13677149	EVX1	0.05626	0.01827	0.12634	-7.9149	M down vs W	3.50785	35.6511	76.2244	1
cg22174681	PRKCZ;PRKCZ	0.05647	0.01851	4.06702	4.06702	M up vs W	3.50245	16.4536	35.2331	1
cg20550012	PTPRN2;PTPRN2;PTPRN2	0.05671	0.03561	5.11075	5.11075	M up vs W	3.49619	29.061	62.3414	1
cg17888563	RPTOR;RPTOR	0.05677	0.02271	0.30738	-3.25334	M down vs W	3.49464	12.5659	26.9682	1
cg25813864	RAPGEFL1	0.05693	0.02097	3.02279	3.02279	M up vs W	3.49036	10.6957	22.9827	1
cg00915663	ELF1	0.05722	0.01884	0.32873	-3.04199	M down vs W	3.53399	9.64264	19.0998	1
cg17349753	RTN4RL2	0.05727	0.02801	0.32396	-3.08677	M down vs W	3.85888	7.87952	10.2096	1
cg18490616	THNSL2	0.05737	0.02272	0.26973	-3.70748	M down vs W	3.47923	15.4397	33.2825	1
cg07358015	INTS9;HMBOX1;INTS9;HMBOX1	0.05747	0.01899	0.25367	-3.94214	M down vs W	3.52752	14.6781	29.1272	1
cg08136432	GALNS	0.05762	0.0189	0.17995	-5.55706	M down vs W	3.47277	24.5726	53.0684	1
cg05839762	HLA-A	0.05789	0.01909	6.7044	6.7044	M up vs W	3.51654	28.2121	56.1588	1
cg05347845	ACTA1	0.05814	0.01952	0.10357	-9.65571	M down vs W	3.45964	43.325	93.9224	1
cg13031432	NDRG4;NDRG4;NDRG4	0.05816	0.02479	3.54771	3.54771	M up vs W	3.8316	10.0183	13.0733	1
cg20801476	EVX1	0.05822	0.02389	0.32172	-3.10829	M down vs W	3.45775	11.7259	25.4339	1
cg01281911	FOXE3	0.05826	0.01975	0.22667	-4.4117	M down vs W	3.45665	18.6315	40.4254	1
cg16281276	CYB5R2	0.05829	0.01928	0.09109	-10.9777	M down vs W	3.45596	48.0846	104.351	1
cg01740135	PPP1R2P9	0.05837	0.019	0.10264	-9.74238	M down vs W	3.45403	43.1519	93.6991	1
cg24415565	LOC148189	0.05838	0.03334	0.21158	-4.72637	M down vs W	3.63319	20.4126	33.7102	1
cg04681554	EVX1	0.05855	0.0193	0.22275	-4.48925	M down vs W	3.44933	18.862	41.0123	1
cg27364741	OTX1	0.0586	0.0197	0.24957	-4.00691	M down vs W	3.4482	16.2389	35.3204	1
cg07788369	DLX6AS	0.05868	0.02079	0.33214	-3.01074	M down vs W	3.44611	10.448	22.7387	1
cg06095270	PRDM13	0.05869	0.02536	3.26317	3.26317	M up vs W	3.44581	13.0218	28.3427	1
cg15221604	ROBO3	0.05874	0.02608	0.09091	-11	M down vs W	3.44476	54.1279	117.848	1
cg06463958	T	0.05879	0.01944	0.05579	-17.9241	M down vs W	3.4932	64.927	130.107	1
cg19831706	NUDT16P;NUDT16P	0.05883	0.01959	0.31874	-3.13734	M down vs W	3.4425	10.9762	23.9134	1
cg18158151	C2orf74;C2orf74	0.0589	0.02133	0.32318	-3.09422	M down vs W	3.44071	11.0667	24.1231	1
cg26512469	MCF2L;MCF2L	0.05918	0.03736	0.23056	-4.33728	M down vs W	3.4339	23.597	51.5383	1
cg20017590	SPTBN1;SPTBN1	0.05933	0.01974	3.42289	3.42289	M up vs W	3.43021	12.7044	27.7777	1
cg05700339	CIDEA;CIDEA	0.05936	0.03719	0.30575	-3.27066	M down vs W	3.537	13.4339	24.6876	1
cg12835924	ZNF239;ZNF239;ZNF239;ZNF239	0.05938	0.0203	0.14411	-6.93924	M down vs W	3.79521	21.3022	28.0646	1
cg08169659	TMEM52	0.05954	0.02167	3.34256	3.34256	M up vs W	3.5325	11.0189	20.2755	1
cg26335127	LGALS3	0.05957	0.01984	3.77168	3.77168	M up vs W	3.4243	14.7915	32.3967	1
cg18855466	SPATS2L;SPATS2L;SPATS2L;SPA	0.05976	0.02072	7.54474	7.54474	M up vs W	3.5958	26.5448	44.2931	1
cg00081019	SDCCAG8;AKT3	0.05984	0.01978	3.09848	3.09848	M up vs W	3.41758	10.7011	23.484	1
cg05364122	SH2D2A;SH2D2A;SH2D2A;SH2D	0.05989	0.03113	0.31423	-3.18239	M down vs W	3.41644	13.4814	29.5954	1
cg01738022	ADCY9	0.05993	0.02015	0.28357	-3.52653	M down vs W	3.41556	13.3765	29.3725	1
cg17662493	SMC1B	0.05993	0.02644	9.25186	9.25186	M up vs W	3.41537	46.4641	102.033	1
cg13071306	GPR153	0.06001	0.01978	3.49099	3.49099	M up vs W	3.41351	13.0614	28.6978	1
cg07976644	TTC22;TTC22;TTC22;TTC22	0.06008	0.01998	0.10527	-9.49967	M down vs W	3.4608	39.5588	80.0137	1
cg01102073	GATA2;GATA2;GATA2	0.06014	0.03756	0.19196	-5.20941	M down vs W	3.41046	29.7249	65.3687	1
cg11329827	HCG9	0.06019	0.02614	0.31279	-3.19708	M down vs W	3.40918	12.5969	27.7125	1
cg04913057	ETNK2	0.06034	0.02011	3.15364	3.15364	M up vs W	3.51174	9.43296	17.4598	1
cg26577231	KIAA1683;KIAA1683;KIAA1683	0.06036	0.02407	4.33971	4.33971	M up vs W	3.40503	19.4019	42.735	1
cg27258394	CSMD1	0.06038	0.0198	4.37825	4.37825	M up vs W	3.40457	18.1812	40.0517	1
cg26241806	APBB1IP	0.06041	0.02575	0.2651	-3.77213	M down vs W	3.40397	16.3117	35.9398	1
cg20744625	EGR2	0.06043	0.02486	0.14061	-7.11207	M down vs W	3.45212	32.71	66.3274	1
cg25449440	ZIC4;ZIC4;ZIC4	0.06061	0.02197	5.57299	5.57299	M up vs W	3.39913	25.584	56.4496	1
cg13728115	BCOR;BCOR	0.06068	0.02306	3.11471	3.11471	M up vs W	3.39746	11.402	25.1703	1
cg22238122	PBX1	0.06069	0.01998	0.30465	-3.28251	M down vs W	3.39711	11.7951	26.0408	1
cg22221831	MGP	0.0608	0.02325	3.17904	3.17904	M up vs W	3.3945	11.8432	26.1671	1
cg13098428	RPTOR;RPTOR	0.06093	0.01994	0.24166	-4.13801	M down vs W	3.39131	16.7959	37.1447	1
cg11983867	MGC87042;MGC87042;MGC87042;MGC87042	0.06098	0.04138	0.10564	-9.4661	M down vs W	3.49559	50.2311	93.4039	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold- Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg02164046	SST;SST	0.06107	0.02599	0.1148	-8.71111	M down vs W	3.38809	43.3182	95.8906	1
cg22290648	SYCN	0.06113	0.02151	0.33133	-3.01814	M down vs W	3.38674	10.4527	23.1476	1
cg13482308	PAX5	0.06119	0.02041	0.08645	-11.568	M down vs W	3.38532	50.2737	111.379	1
cg12634932	CCL28	0.06124	0.02461	0.11772	-8.49446	M down vs W	3.43217	38.5155	78.5534	1
cg16993043	NR5A2;NR5A2	0.06164	0.0403	0.30771	-3.24986	M down vs W	3.37457	15.4926	34.4325	1
cg13354893	C2CD2	0.06187	0.02105	4.64948	4.64948	M up vs W	3.36922	19.953	44.4161	1
cg08012217	SHISA6	0.06191	0.02146	3.0661	3.0661	M up vs W	3.36825	10.6836	23.7888	1
cg20114732	T	0.06216	0.02177	0.07775	-12.862	M down vs W	3.36253	55.7521	124.353	1
cg07748741	UBTD1	0.06227	0.02149	3.44304	3.44304	M up vs W	3.35995	12.9855	28.9859	1
cg19759549	GATA2	0.06231	0.02383	0.27869	-3.58823	M down vs W	3.35891	14.4426	32.2485	1
cg10184889	CA3	0.06238	0.02483	0.31361	-3.18866	M down vs W	3.35732	12.0922	27.0131	1
cg12892506	ZIC4;ZIC4;ZIC4	0.06248	0.02204	8.59242	8.59242	M up vs W	3.35498	39.6304	88.5931	1
cg27125972	PRDM13	0.06291	0.02119	6.63886	6.63886	M up vs W	3.34506	30.1349	67.5658	1
cg02124746	S1PR3	0.06303	0.02317	3.21473	3.21473	M up vs W	3.34234	11.8716	26.6392	1
cg12142521	ACOXL;ACOXL;ACOXL	0.06303	0.02069	0.18859	-5.30262	M down vs W	3.34229	23.1714	51.996	1
cg00457403	SST	0.06306	0.02079	0.31372	-3.18757	M down vs W	3.34169	11.2078	25.1545	1
cg16364709	ERN2	0.06315	0.02217	0.26951	-3.71044	M down vs W	3.33953	14.694	33.0001	1
cg24575083	CYB5R2	0.06326	0.02269	0.15001	-6.66637	M down vs W	3.33703	31.0204	69.7186	1
cg18497394	TM2D2;TM2D2;ADAM9;ADAM9 ;ADAM9;TM2D2;TM2D2;ADAM 9	0.06341	0.02511	7.61298	7.61298	M up vs W	5.03475	12.3594	6.13702	1
cg10214447	DOCK1	0.06343	0.02095	3.37689	3.37689	M up vs W	3.33325	12.356	27.8017	1
cg12698349	CUL3	0.06359	0.04515	0.24869	-4.02101	M down vs W	3.49705	18.2204	31.2613	1
cg21864016	C14orf132	0.06374	0.02489	3.28279	3.28279	M up vs W	3.32623	12.6009	28.4125	1
cg06769296	LOC100128239	0.06375	0.02267	3.08841	3.08841	M up vs W	3.32596	10.9214	24.6276	1
cg00501169	NBPF4	0.06386	0.0223	4.45565	4.45565	M up vs W	3.32351	19.0345	42.9542	1
cg05988603	NCRNA00171	0.06395	0.02434	3.07059	3.07059	M up vs W	3.36803	10.3459	21.5026	1
cg05344495	C19orf77	0.06399	0.02734	4.23905	4.23905	M up vs W	3.32059	19.3053	43.6037	1
cg23983726	AK3L1;AK3L1;AK3L1	0.06402	0.0211	4.2105	4.2105	M up vs W	3.31991	17.222	38.9063	1
cg15798385	EVX1	0.06406	0.03048	0.22151	-4.51451	M down vs W	3.319	22.001	49.7159	1
cg03056526	EVX1	0.06409	0.02139	0.27324	-3.65982	M down vs W	3.31823	14.0952	31.8585	1
cg01203766	PSORS1C1	0.06416	0.0212	4.11175	4.11175	M up vs W	3.31662	16.6714	37.6996	1
cg20696674	PHACTR4;PHACTR4	0.06418	0.04438	3.67312	3.67312	M up vs W	3.31622	19.4126	43.9039	1
cg10328548	SS18L1	0.06442	0.0212	4.87359	4.87359	M up vs W	3.3108	20.8874	47.3165	1
cg06452665	TNFSF11;TNFSF11;TNFSF11 ARHGFE7;ARHGFE7;ARHGFE7;A	0.06443	0.02907	0.23513	-4.25289	M down vs W	3.31055	19.8366	44.9395	1
cg23521294	RHGFE7	0.06444	0.02201	3.31752	3.31752	M up vs W	3.31042	12.1511	27.5291	1
cg14620572	GPR144	0.06455	0.02135	0.24366	-4.1041	M down vs W	3.30798	16.6298	37.7039	1
cg25705486	LOC100192426;PTPRM;PTPRM	0.06457	0.03179	3.71023	3.71023	M up vs W	3.30738	16.8927	38.3068	1
cg14849798	GLT8D2	0.06479	0.02139	0.31299	-3.19498	M down vs W	3.30263	11.2451	25.5366	1
cg07540103	FBX039	0.06496	0.03195	0.31116	-3.21374	M down vs W	3.29869	13.3867	30.4364	1
cg22487177	MOCOS	0.06506	0.02144	0.30931	-3.23306	M down vs W	3.29657	11.4663	26.0869	1
cg24393673	OLFM3	0.06508	0.02189	0.18903	-5.2903	M down vs W	3.29615	23.2946	53.0041	1
cg24976563	DCAF11;DCAF11;DCAF11;DCAF1 1;DCAF11	0.06513	0.02202	0.14893	-6.71477	M down vs W	3.29498	30.4989	69.4212	1
cg19149222	INO80B	0.06519	0.0263	0.20124	-4.96922	M down vs W	3.39353	19.8274	37.9775	1
cg25622366	OTX1	0.06521	0.02234	0.14886	-6.71794	M down vs W	3.29329	30.6757	69.8596	1
cg06153925	RPTOR;RPTOR	0.06529	0.02191	3.70488	3.70488	M up vs W	3.29142	14.3826	32.7729	1
cg01429933	PLEKHG5;PLEKHG5	0.0654	0.02625	3.59047	3.59047	M up vs W	3.28909	14.7274	33.5824	1
cg10528424	SYT8	0.06551	0.0216	6.38725	6.38725	M up vs W	3.28664	28.6268	65.3254	1
cg10305311	CLDN10;CLDN10;CLDN10	0.06556	0.02275	0.11016	-9.07812	M down vs W	3.33117	38.4877	80.8767	1
cg00032419	TP53I13	0.06579	0.03903	0.33021	-3.02833	M down vs W	3.52085	9.56711	14.945	1
cg15309006	CHP2;CHP2	0.06582	0.02487	0.24905	-4.01523	M down vs W	3.27995	16.9859	38.8402	1
cg11852646	MAD1L1;MAD1L1;MAD1L1	0.06594	0.02267	3.01419	3.01419	M up vs W	3.27719	10.3021	23.5768	1
cg16021909	TRIM58	0.06611	0.02253	0.31515	-3.17306	M down vs W	3.27349	11.2416	25.7561	1
cg07807575	AHR	0.06658	0.02314	3.9865	3.9865	M up vs W	3.26333	16.2482	37.3428	1
cg13009819	HLA-DQA1	0.06658	0.02306	4.13728	4.13728	M up vs W	3.26332	17.1086	39.3203	1
cg00350003	KCNJ12	0.06666	0.04	0.31633	-3.16131	M down vs W	3.26174	14.2301	32.7204	1
cg17291435	FHL2;FHL2;FHL2;FHL2;FHL 2;FHL2	0.06666	0.02467	0.0491	-20.3681	M down vs W	3.30661	73.711	156.044	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold-Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg25361454	ADAP1	0.07327	0.02447	4.55635	4.55635	M up vs W	3.12685	19.148	45.928	1
cg18791121	CYB5R2;CYB5R2	0.07338	0.03292	0.14804	-6.755	M down vs W	3.12473	34.4	82.567	1
cg20657098	orf7	0.07353	0.03144	0.32033	-3.12175	M down vs W	3.21197	10.4349	21.1168	1
cg17103088	TBXA2R;TBXA2R	0.07353	0.02563	3.33374	3.33374	M up vs W	3.12179	12.2812	29.5053	1
cg23413924	DUOX1;DUOX1	0.07389	0.04001	0.16296	-6.13653	M down vs W	3.11491	33.7708	81.3126	1
cg23847712	DRD5	0.07396	0.03039	0.15607	-6.40724	M down vs W	3.11363	31.3044	75.4051	1
cg07120369	SST	0.07425	0.03059	0.32556	-3.07162	M down vs W	3.10812	11.4388	27.6021	1
cg26157385	TRIM58	0.07448	0.03988	0.26117	-3.82897	M down vs W	3.10374	18.3989	44.4599	1
cg17129755	C11orf60;C11orf60	0.07464	0.03335	0.28729	-3.48082	M down vs W	3.65268	7.98509	8.74436	1
cg13320555	PDCD5	0.07475	0.03858	0.31856	-3.13911	M down vs W	3.3993	8.91173	13.1082	1
cg19927257	RUSC1;RUSC1;RUSC1;C1orf104;RUSC1	0.07478	0.03427	3.17663	3.17663	M up vs W	3.13872	11.8478	26.423	1
cg17515767	ADPRHL1;ADPRHL1	0.0751	0.02647	3.74337	3.74337	M up vs W	3.09202	14.812	35.928	1
cg16174680	NKX6-3	0.07522	0.02672	6.88192	6.88192	M up vs W	3.49672	21.1223	27.1828	1
cg03002848	VENTX	0.0755	0.04379	0.13665	-7.3178	M down vs W	3.12497	39.1871	87.78	1
cg06098276	TK1	0.07562	0.02639	3.07688	3.07688	M up vs W	3.08213	10.6919	26.0175	1
cg16401346	MEX3C;MEX3C	0.07565	0.02741	3.01328	3.01328	M up vs W	3.29455	7.53481	12.5788	1
cg19099049	A6D;SEMA6D;SEMA6D	0.07568	0.02912	0.27926	-3.58088	M down vs W	3.08106	14.3455	34.9201	1
cg01215061	TGIF2LX;TGIF2LX	0.07582	0.02544	3.18452	3.18452	M up vs W	3.07845	11.1727	27.22	1
cg25320221	SMG7;SMG7;SMG7	0.07585	0.03751	0.22075	-4.52994	M down vs W	4.514	9.30418	5.15296	1
cg01295399	SLC18A3;CHAT;CHAT;CHAT	0.07591	0.03221	0.30903	-3.23596	M down vs W	3.0768	12.6798	30.9081	1
cg15700009	LDHA;LDHA;LDHA;LDHA;LDHA	0.07641	0.03995	3.91794	3.91794	M up vs W	3.06765	18.8281	46.0323	1
cg23783695	PRDM13	0.07655	0.03229	3.21372	3.21372	M up vs W	3.06505	12.4964	30.5779	1
cg21944491	LTBP4;LTBP4;LTBP4	0.07655	0.02693	4.05825	4.05825	M up vs W	3.06505	16.6536	40.7505	1
cg19336959	TMEM176B;TMEM176B;TMEM176B	0.07663	0.03839	0.23804	-4.20092	M down vs W	3.06354	20.3946	49.9291	1
cg10724086	FOXA1	0.07667	0.02696	0.31074	-3.2181	M down vs W	3.06283	11.5922	28.386	1
cg23891273	MYBPC1;MYBPC1;MYBPC1;MYBPC1	0.077	0.03533	0.14387	-6.95067	M down vs W	3.05665	35.7645	87.7543	1
cg19753526	FHL2;FHL2;FHL2;FHL2;FHL2;FHL2	0.07714	0.02694	0.154	-6.49334	M down vs W	3.0542	29.606	72.7014	1
cg22978620	GATA2	0.07715	0.02638	0.19733	-5.06778	M down vs W	3.05403	22.0849	54.2356	1
cg17575314	HK1;HK1;HK1;HK1;HK1	0.07716	0.03456	4.61762	4.61762	M up vs W	3.05375	22.0283	54.1015	1
cg20749769	ST14	0.0774	0.03287	0.18579	-5.38257	M down vs W	3.04936	26.046	64.0611	1
cg00756032	MYF6	0.07814	0.03337	0.30779	-3.24895	M down vs W	3.03607	12.794	31.6049	1
cg13980719	TNP1	0.07841	0.02688	3.80694	3.80694	M up vs W	3.03121	14.9898	37.0886	1
cg15619820	PRDM16;PRDM16	0.07844	0.03575	3.24451	3.24451	M up vs W	3.03059	13.1353	32.5067	1
cg09916651	CUX2	0.07855	0.03202	3.12071	3.12071	M up vs W	3.02872	11.6917	28.9521	1
cg04572930	FOXP1	0.07864	0.03429	4.85477	4.85477	M up vs W	3.02706	23.209	57.5038	1
cg11176493	WNT3A	0.0787	0.02726	0.33165	-3.01523	M down vs W	3.02609	10.2595	25.4276	1
cg14733680	NHLH2;NHLH2	0.07872	0.0406	0.29531	-3.38623	M down vs W	3.02568	14.9276	37.0022	1
cg19670870	C6orf141;C6orf141	0.07885	0.03181	0.3199	-3.12595	M down vs W	3.02336	11.6721	28.9547	1
cg23743627	SNRK;SNRK	0.07897	0.02772	0.28672	-3.48769	M down vs W	3.02114	13.2144	32.8049	1
cg06688763	CDK6;CDK6	0.07912	0.03106	0.27138	-3.68482	M down vs W	3.01851	15.1023	37.5242	1
cg24073023	PTPN20B;PTPN20A;PTPN20B;PTPN20A;PTPN20A;PTPN20A;PTPN20A;PTPN20A;PTPN20B;PTPN20B;PTPN20A	0.07915	0.03497	3.39732	3.39732	M up vs W	3.01797	13.9863	34.7574	1
cg03595792	PGM2L1	0.07935	0.02872	3.71437	3.71437	M up vs W	3.09874	13.7132	28.7652	1
cg06581175	DLX6AS	0.07948	0.03693	0.31955	-3.12936	M down vs W	3.01211	12.448	30.9948	1
cg08835985	PDF;COG8	0.07959	0.02954	3.26978	3.26978	M up vs W	3.01029	12.1635	30.3048	1
cg19675288	T	0.07964	0.02861	0.29791	-3.35672	M down vs W	3.00945	12.534	31.2366	1
cg20007643	FLJ43663;FLJ43663	0.0797	0.03051	4.05382	4.05382	M up vs W	3.39471	11.4884	15.2289	1
cg13690864	HPSE2;HPSE2;HPSE2;HPSE2	0.0799	0.02732	0.21204	-4.7162	M down vs W	3.00477	20.1371	50.2628	1
cg22433798	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.08003	0.02914	3.21674	3.21674	M up vs W	3.00252	11.7326	29.3069	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold-Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg09789636	TRIM58	0.09944	0.03703	0.31994	-3.1256	M down vs W	2.70276	11.1585	30.9643	1
cg18853435	CTDSP1	0.09948	0.03935	7.39483	7.39483	M up vs W	2.70224	35.3574	98.1335	1
cg08447739	HTRA1	0.09952	0.04109	4.53604	4.53604	M up vs W	2.70178	20.5987	57.1808	1
cg15824707	DUOX2	0.0997	0.03993	0.25754	-3.88286	M down vs W	2.69929	16.346	45.4174	1
cg01188592	RSPO4;RSPO4;RSPO4;RSPO4	0.09989	0.03734	0.31324	-3.19241	M down vs W	2.69666	11.5949	32.248	1
cg03631131	ZIC4;ZIC4;ZIC4	0.10002	0.03726	3.4046	3.4046	M up vs W	2.69492	12.8956	35.8885	1
cg03608167	CXCR4;CXCR4	0.10022	0.04873	3.95554	3.95554	M up vs W	2.69225	18.4223	51.3202	1
cg25683069	UHMK1	0.10024	0.03952	0.31406	-3.18414	M down vs W	2.75978	10.0922	23.7696	1
cg01309395	HLA-DPB2	0.10027	0.0431	3.31914	3.31914	M up vs W	2.69154	13.2116	36.8144	1
cg12385599	LOC389493	0.10041	0.03677	0.21371	-4.67926	M down vs W	2.68966	20.2963	56.5952	1
cg07017114	HLA-H	0.10046	0.03619	0.24327	-4.11073	M down vs W	2.68889	16.9049	47.1519	1
cg13643914	QRFP	0.10052	0.03538	0.19412	-4.15156	M down vs W	2.75573	19.5768	46.1762	1
cg10842584	MPL	0.10069	0.03985	0.18978	-5.26939	M down vs W	2.75341	20.8138	49.1353	1
cg12466610	MOSC2	0.10082	0.03509	9.58152	9.58152	M up vs W	2.68412	42.5376	118.859	1
cg24070123	C6orf106;C6orf106	0.10108	0.03823	3.77937	3.77937	M up vs W	2.68057	15.2842	42.764	1
cg17393267	FGF12;FGF12	0.10147	0.03703	0.15937	-6.27461	M down vs W	2.67539	28.686	80.4163	1
cg11779273	INTU	0.10173	0.04075	3.22317	3.22317	M up vs W	2.73875	10.5917	25.1378	1
cg14167033	SHANK2;SHANK2	0.1027	0.03905	0.26918	-3.71499	M down vs W	2.65897	14.9164	42.0739	1
cg17404915	OVOL2	0.10331	0.04859	0.206	-4.85438	M down vs W	2.65099	23.9111	67.6479	1
cg18610223	BCOR;BCOR;BCOR;BCOR	0.10335	0.04095	3.33879	3.33879	M up vs W	2.71637	11.1734	26.7368	1
cg12307373	DYNC2H1;DYNC2H1	0.10344	0.04539	9.68571	9.68571	M up vs W	2.67959	44.4989	116.246	1
cg14425863	USH1C;USH1C	0.10353	0.03686	0.21869	-4.57279	M down vs W	2.64809	19.4123	54.9801	1
cg26695837	RELL1;RELL1	0.10372	0.0399	0.2394	-4.17709	M down vs W	2.64563	17.7867	50.4228	1
cg10759817	HSP90B3P	0.10385	0.03626	3.35104	3.35104	M up vs W	2.64393	12.1746	34.5356	1
cg10985055	TRIM26	0.10394	0.04205	0.27918	-3.58189	M down vs W	2.6428	14.503	41.1579	1
cg19998368	C12orf56;C12orf56	0.10406	0.03721	0.10969	-9.11628	M down vs W	2.64119	41.1018	116.714	1
cg07844931	TEPP;TEPP	0.10409	0.03738	0.189	-5.29094	M down vs W	2.64078	23.3992	66.4555	1
cg16556145	CLDN10;CLDN10;CLDN10	0.10419	0.0446	0.08976	-11.1407	M down vs W	2.63955	53.1741	151.089	1
cg18768400	CAPZA1;ST7L;ST7L;ST7L;ST7L	0.10441	0.042	3.04921	3.04921	M up vs W	2.74365	8.43433	18.4447	1
cg12208638	ACTN3	0.10458	0.03655	0.20354	-4.91297	M down vs W	2.63447	21.0987	60.0652	1
cg02116639	ZNF354B	0.10463	0.0392	8.0858	8.0858	M up vs W	2.93138	23.3486	35.8427	1
cg03101422	CXCR4	0.1047	0.04061	4.02663	4.02663	M up vs W	2.63297	16.9426	48.2608	1
cg13912887	NOXA1	0.1047	0.04235	3.1601	3.1601	M up vs W	2.63296	11.7899	33.5836	1
cg12005760	KLF11	0.10475	0.03967	0.32452	-3.08146	M down vs W	2.6323	10.9376	31.1635	1
cg13126530	DIO3	0.10498	0.03724	0.25011	-3.99832	M down vs W	2.62928	16.0954	45.9121	1
cg02703002	GABRA6	0.1052	0.04138	3.41185	3.41185	M up vs W	2.62651	13.2355	37.794	1
cg10303487	DPYS	0.1052	0.03712	0.03955	-25.2836	M down vs W	2.65624	81.1942	213.971	1
cg19946956	RASA3	0.10528	0.04441	0.31615	-3.16302	M down vs W	2.6255	12.0436	34.4036	1
cg00795626	BAT4;BAT4;CSNK2B	0.10528	0.04063	0.22293	-4.48566	M down vs W	3.15879	10.4812	11.6134	1
cg04513185	CXCR4	0.10529	0.04294	3.36682	3.36682	M up vs W	2.62538	13.1723	37.6298	1
cg08483376	EVX1	0.10531	0.03686	0.17354	-5.76247	M down vs W	2.62514	25.5437	72.9782	1
cg23816347	CCDC37	0.10552	0.03784	0.25514	-3.91946	M down vs W	2.6224	15.7081	44.9249	1
cg25130993	USH1C;USH1C	0.10579	0.03729	0.25708	-3.88978	M down vs W	2.61898	15.4105	44.1313	1
cg18503260	CA13	0.10602	0.04138	0.33315	-3.00169	M down vs W	2.61604	10.5752	30.3184	1
cg06248560	BRUNOL4;BRUNOL4;BRUNOL4; BRUNOL4 CACNA1C;CACNA1C;CACNA1C; CACNA1C;CACNA1C;CACNA1C; CACNA1C;CACNA1C;CACNA1C; CACNA1C;CACNA1C	0.10611	0.03959	0.1881	-5.31627	M down vs W	2.61491	23.9248	68.6205	1
cg23159970	ACNA1C;CACNA1C	0.1066	0.04056	3.21315	3.21315	M up vs W	2.60872	11.7818	33.8723	1
cg16712155	OR52L1 CXorf41;NUP62CL;CXorf41;CXorf41;CXorf41	0.1067	0.04334	3.23525	3.23525	M up vs W	2.60738	12.2913	35.3553	1
cg06350796	f41;CXorf41	0.10674	0.03741	0.30119	-3.32014	M down vs W	2.60689	11.9895	34.4938	1
cg13683218	COL24A1	0.10677	0.04429	0.02994	-33.401	M down vs W	3.32362	52.9451	47.7898	1
cg21104965	DCBLD1	0.1068	0.03978	0.17959	-5.56823	M down vs W	2.60619	25.2411	72.638	1
cg10773587	GFPT1	0.10702	0.04688	0.23533	-4.24938	M down vs W	2.89414	11.9012	18.5047	1
cg02187214	FOXC2	0.10726	0.04536	0.29732	-3.36338	M down vs W	2.60036	13.3696	38.5608	1
cg00540295	FAM69B	0.1073	0.03764	3.52975	3.52975	M up vs W	2.59991	13.2452	38.2087	1
cg01405040	HOXD12	0.10736	0.039	0.30416	-3.28771	M down vs W	2.59915	11.9843	34.5814	1
cg00611789	CMYA5	0.10742	0.0388	0.16124	-6.20198	M down vs W	2.59833	28.1003	81.1106	1
cg19080354	ATHL1	0.1075	0.03802	3.6106	3.6106	M up vs W	2.59736	13.7754	39.777	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold-Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg01552920	MYADML2 LDHA;LDHA;LDHA;LDHA;LDHA;L	0.10773	0.04779	0.33151	-3.01655	M down vs W	2.59452	11.3374	32.7732	1
cg02132760	DHA	0.10786	0.04874	3.34307	3.34307	M up vs W	2.59288	13.6684	39.5364	1
cg16723800	TAF7L;TAF7L	0.10821	0.0381	0.25845	-3.8692	M down vs W	2.58843	15.2615	44.2204	1
cg04187185	CCL28	0.10856	0.04082	0.20824	-4.80207	M down vs W	2.58415	21.1511	61.3871	1
cg11189272	OR4D1	0.10857	0.03849	5.2483	5.2483	M up vs W	2.58402	22.9798	66.698	1
cg16587616	KHDRBS2;KHDRBS2	0.10873	0.04344	0.28257	-3.53893	M down vs W	2.58207	14.1182	41.0084	1
cg23485564	ASB12	0.10888	0.03858	3.24474	3.24474	M up vs W	2.58015	11.5782	33.6558	1
cg05471616	TMTC1	0.10914	0.03878	0.28405	-3.52048	M down vs W	2.57693	13.2525	38.5707	1
cg00230700	AGPAT9	0.10931	0.0387	0.25149	-3.97629	M down vs W	2.57489	15.9128	46.35	1
cg01016119	ARHGEF3;ARHGEF3	0.10964	0.03876	3.02538	3.02538	M up vs W	2.57078	10.2262	29.834	1
cg09140090	JMJD5;JMJD5	0.10974	0.04178	4.75175	4.75175	M up vs W	2.7194	15.1148	30.5698	1
cg26388509	CNPY1	0.1103	0.04099	3.68109	3.68109	M up vs W	2.5628	14.4975	42.4268	1
cg07166679	TNFRSF8	0.1104	0.04018	0.232	-4.31032	M down vs W	2.5616	18.0461	52.8364	1
cg26608305	AP2A2	0.11048	0.04284	3.031	3.031	M up vs W	2.56065	10.7084	31.3643	1
cg04912843	GIPC2	0.1107	0.04105	0.19323	-5.17513	M down vs W	2.55796	23.0403	67.5549	1
cg06942159	TNK1	0.111	0.03935	4.14363	4.14363	M up vs W	2.58259	16.8276	45.6105	1
cg11373049	NDUFC1	0.11102	0.04449	3.2306	3.2306	M up vs W	2.92964	6.57451	8.97653	1
cg25241559	SNED1	0.11103	0.03936	0.26539	-3.76805	M down vs W	2.58219	13.6765	37.0752	1
cg15197065	CMYA5	0.11137	0.04009	0.18825	-5.31209	M down vs W	2.54984	23.4436	68.9559	1
cg21289015	USH1C;USH1C	0.11147	0.04179	0.23994	-4.16774	M down vs W	2.54865	17.4537	51.3617	1
cg26283921	COL18A1	0.11154	0.04298	0.27276	-3.66621	M down vs W	2.54784	14.6465	43.1146	1
cg00072720	CLDN7	0.11163	0.04033	0.24963	-4.00596	M down vs W	2.54667	16.2141	47.7507	1
cg12118269	TLX1	0.11165	0.04844	0.23054	-4.33762	M down vs W	2.54646	19.782	58.2634	1
cg10993865	CARS2	0.11192	0.0395	3.52303	3.52303	M up vs W	2.54326	13.206	38.9441	1
cg24691942	SCMH1	0.11214	0.03975	0.18889	-5.29419	M down vs W	2.54059	23.1727	68.4075	1
cg07153966	HOXA3;HOXA3;HOXA3	0.11216	0.03961	0.1929	-5.18399	M down vs W	2.54032	22.553	66.5852	1
cg02916102	CYP11A1;CYP11A1;CYP11A1	0.11261	0.04078	0.25849	-3.86859	M down vs W	2.53504	15.4181	45.6148	1
cg20434152	CAMTA1	0.11261	0.03981	4.28807	4.28807	M up vs W	2.53503	17.6553	52.2341	1
cg14009473	JARID2	0.11308	0.04019	3.4198	3.4198	M up vs W	2.52949	12.6219	37.4244	1
cg26690075	WNT16;WNT16	0.11344	0.04079	0.33236	-3.00883	M down vs W	2.52514	10.1826	30.2436	1
cg13190306	LDHA;LDHA;LDHA;LDHA;LDHA	0.11349	0.04611	4.25254	4.25254	M up vs W	2.52457	18.6323	55.3531	1
cg26422465	WDR8	0.11383	0.04033	4.16351	4.16351	M up vs W	2.52058	16.9523	50.4417	1
cg13818127	SDK1;SDK1	0.11404	0.0404	4.92246	4.92246	M up vs W	2.51812	21.1648	63.0375	1
cg20679271	MYO7B	0.11413	0.04471	6.64211	6.64211	M up vs W	2.51705	31.3197	93.3225	1
cg06332859	CXCR4 ZMYM3;ZMYM3;ZMYM3;BCYRN	0.11424	0.04525	4.01282	4.01282	M up vs W	2.51582	16.955	50.5453	1
cg10297211	1;ZMYM3;ZMYM3	0.11461	0.04373	6.2373	6.2373	M up vs W	2.57087	25.163	63.6201	1
cg25599473	SMOC2;SMOC2	0.11481	0.04267	3.27767	3.27767	M up vs W	2.50913	12.0027	35.877	1
cg22459517	EPS8L1 CAMTA2;CAMTA2;CAMTA2;CA	0.11505	0.04915	0.2885	-3.46619	M down vs W	2.50637	14.075	42.1175	1
cg01912298	MTA2;SPAG7	0.11525	0.04417	3.2454	3.2454	M up vs W	2.50409	11.9742	35.864	1
cg10374084	C19orf41	0.11539	0.04341	0.28722	-3.48168	M down vs W	2.50239	13.3267	39.9418	1
cg04350913	FGF12;FGF12;FGF12	0.11565	0.04157	0.22718	-4.40172	M down vs W	2.49946	18.4065	55.2314	1
cg26983430	RBMY1J;RBMY1J;RBMY1F APBB3;APBB3;SLC35A4;APBB3;	0.11595	0.04482	0.21453	-4.66136	M down vs W	2.55465	17.5296	44.602	1
cg17400634	APBB3	0.11603	0.04712	0.32233	-3.10238	M down vs W	2.55366	9.7157	24.73	1
cg17800708	HOXA3;HOXA3;HOXA3	0.11609	0.04981	0.28459	-3.51385	M down vs W	2.49439	14.4113	43.331	1
cg02767613	ACTA1	0.11655	0.04159	0.29974	-3.33625	M down vs W	2.48906	12.1174	36.5118	1
cg09033577	THNSL2	0.11669	0.0423	3.09441	3.09441	M up vs W	2.48753	10.7298	32.3507	1
cg01899600	OR56B1	0.11672	0.04631	3.05982	3.05982	M up vs W	2.48714	10.9803	33.1112	1
cg00374596	PPP1CA;PPP1CA;PPP1CA	0.11687	0.04433	5.17732	5.17732	M up vs W	2.75093	14.187	23.2072	1
cg20916523	VHL;VHL	0.11692	0.04534	3.13597	3.13597	M up vs W	2.48493	11.3416	34.231	1
cg18544085	SNORA9;C7orf40 SNORD115-15;SNORD115-	0.117	0.04325	0.18068	-5.53475	M down vs W	2.51076	23.1298	64.486	1
cg06127174	21;SNORD115-32	0.11711	0.046	4.08673	4.08673	M up vs W	2.48277	17.3115	52.2951	1
cg23489273	HLA-A	0.11712	0.04502	0.19619	-5.09722	M down vs W	2.4826	22.9311	69.2756	1
cg04163147	OR52B4;OR52B4	0.1172	0.04334	3.07147	3.07147	M up vs W	2.48165	10.6863	32.2961	1
cg05000748	RUNX1	0.11728	0.04165	0.25789	-3.8777	M down vs W	2.48079	15.2913	46.229	1
cg00591844	CXCR4	0.11732	0.0491	4.48701	4.48701	M up vs W	2.48038	20.3044	61.3951	1

Probeset ID	UCSC_REFGENE_NAME	p-value (H3.3 Status)	p-value (M vs. W)	Ratio (M vs. W)	Fold-Change (M vs. W)	Fold-Change (M vs. W) (Description)	F (H3.3 Status)	SS (H3.3 Status)	SS (Error)	F(Error)
cg09408768	KCNJ3	0.11774	0.04193	0.23747	-4.21116	M down vs W	2.47558	17.2271	52.1913	1
cg15944684	HRNBP3	0.11776	0.04378	0.22084	-4.52827	M down vs W	2.47541	19.4009	58.781	1
cg02445447	FHL2;FHL2;FHL2;FHL2;FHL2	0.11784	0.04222	0.31936	-3.13124	M down vs W	2.47444	10.8887	33.0037	1
cg23236404	STMN1;STMN1;STMN1;STMN1	0.11805	0.04685	5.9153	5.9153	M up vs W	3.11554	13.1665	12.6782	1
cg08404028	CHP2;CHP2	0.11815	0.04214	0.23307	-4.29054	M down vs W	2.47096	17.687	53.6844	1
cg11229513	PRDM14	0.11848	0.04502	0.32957	-3.03426	M down vs W	2.46728	10.5845	32.1746	1
cg09803262	DLX6AS	0.11861	0.04487	0.26706	-3.74455	M down vs W	2.46585	14.9442	45.4534	1
cg04154027	CMYA5	0.11922	0.04247	0.13698	-7.30051	M down vs W	2.45896	32.9107	100.38	1
cg21208996	C14orf129	0.11976	0.0461	3.1174	3.1174	M up vs W	2.45294	11.1686	34.1486	1
cg16768018	ZIC4;ZIC4;ZIC4;ZIC4;ZIC4	0.11983	0.04923	4.98518	4.98518	M up vs W	2.45215	23.0169	70.398	1
cg17181941	NCAPH	0.1201	0.04292	3.9299	3.9299	M up vs W	2.44924	15.6154	47.8172	1
cg08408994	ALX4	0.12063	0.04591	0.28223	-3.54316	M down vs W	2.44344	13.7445	42.1879	1
cg02613380	UBTD1	0.12072	0.04309	3.18236	3.18236	M up vs W	2.44234	11.1612	34.2741	1
cg04633600	SLCO4C1	0.12103	0.0439	0.30682	-3.25923	M down vs W	2.43904	11.7138	36.0197	1
cg20952286	CCDC37	0.12114	0.04924	0.30104	-3.32183	M down vs W	2.43777	12.7792	39.3163	1
cg22979083	GPR20	0.12126	0.0438	3.18614	3.18614	M up vs W	2.43643	11.2434	34.6104	1
cg15412815	C11orf75	0.12133	0.04556	3.39303	3.39303	M up vs W	2.43569	12.7323	39.2054	1
cg11177179	CHURC1;CHURC1	0.12142	0.04827	0.26071	-3.83566	M down vs W	2.56962	12.6599	27.0972	1
cg22306928	MIR375	0.12149	0.04338	0.28336	-3.52912	M down vs W	2.43395	13.2415	40.8025	1
cg18639578	IL22RA2;IL22RA2;IL22RA2	0.12157	0.04506	3.4147	3.4147	M up vs W	2.43314	12.7835	39.4044	1
cg07973162	UGT2B15;UGT2B17	0.12178	0.0483	0.19884	-5.02911	M down vs W	2.45644	21.2811	60.6438	1
cg26248155	CLDN7	0.12199	0.04382	0.25373	-3.94127	M down vs W	2.45412	14.6174	41.6938	1
cg08514194	KRTAP12-4;C21orf29	0.122	0.0467	0.18215	-5.48991	M down vs W	2.45403	23.2424	66.2976	1
cg04646986	MOBK1A	0.12248	0.04574	0.27596	-3.62376	M down vs W	2.42323	14.0952	43.6251	1
cg21207958	SOX3	0.12274	0.04505	4.60302	4.60302	M up vs W	2.5111	14.983	35.8003	1
cg04511125	THNSL2	0.12277	0.04456	0.30958	-3.23021	M down vs W	2.42014	11.5294	35.7296	1
cg14380609	HSPG2	0.1228	0.04622	0.32735	-3.05483	M down vs W	2.67152	7.08686	11.9374	1
cg09273054	MAL2	0.12297	0.04563	0.27631	-3.61917	M down vs W	2.41794	14.0199	43.487	1
cg12060472	ECHDC2;ECHDC2	0.12344	0.04927	0.30534	-3.275	M down vs W	2.41289	12.3551	38.4035	1
cg15690475	MAPT;MAPT;MAPT;MAPT;MAPT	0.12359	0.04544	4.29388	4.29388	M up vs W	2.41127	17.9094	55.7052	1
cg13913990	PLEKHG4B	0.1236	0.0472	3.17567	3.17567	M up vs W	2.4112	11.4699	35.6769	1
cg07584620	MORN1	0.12386	0.04473	5.20334	5.20334	M up vs W	2.40843	22.7415	70.8185	1
cg01664864	DIO3;MIR1247	0.12402	0.0483	0.1932	-5.17605	M down vs W	2.4067	23.4376	73.0386	1
cg06003986	BRUNOL4	0.12411	0.04493	0.29346	-3.40765	M down vs W	2.40579	12.5807	39.2202	1
cg00157477	HLA-H	0.12423	0.04542	0.21004	-4.76094	M down vs W	2.40447	20.4742	63.8628	1
cg18892517	DPP4	0.12444	0.04637	0.20632	-4.84685	M down vs W	2.40222	21.1375	65.9936	1
cg07234199	LOC388796;LOC388796;SNORA71C	0.12513	0.04502	3.72087	3.72087	M up vs W	2.39498	14.3983	45.0891	1
cg00167275	FAM35A;GLUD1;GLUD1	0.12514	0.046	0.27551	-3.62962	M down vs W	2.41978	13.9674	40.4053	1
cg26018738	EID2B	0.12517	0.04636	3.62861	3.62861	M up vs W	2.44869	12.2265	32.4549	1
cg08279075	IRX3	0.12591	0.04546	0.19595	-5.10323	M down vs W	2.41155	22.1235	64.2178	1
cg22879408	ELMOD1;ELMOD1	0.12594	0.04997	0.32181	-3.10743	M down vs W	2.38646	11.2404	35.3254	1
cg19628148	CCDC37	0.12597	0.04679	0.19843	-5.03969	M down vs W	2.38612	22.1437	69.6015	1
cg00197495	PPP1R3C;PPP1R3C	0.12604	0.04605	0.30722	-3.25501	M down vs W	2.41016	10.8884	31.6241	1
cg17231690	KRT19	0.12605	0.04572	0.17239	-5.80086	M down vs W	2.38529	25.8604	81.312	1
cg02194223	EVX1	0.12651	0.04616	0.269	-3.71742	M down vs W	2.38045	14.4641	45.5714	1
cg00824141	FHL2;FHL2;FHL2;FHL2;FHL2	0.12659	0.04547	0.12364	-8.08791	M down vs W	2.37969	36.3837	114.67	1
cg00735923	CFTR	0.12667	0.04993	0.17917	-5.58118	M down vs W	2.37877	25.7561	81.2062	1
cg00524708	PRSS36	0.12689	0.0458	0.2937	-3.4048	M down vs W	2.37656	12.5251	39.5269	1
cg06458732	SELI;GPR113	0.12701	0.0481	3.44791	3.44791	M up vs W	2.55446	8.57425	16.7829	1
cg01901262	IRX5	0.12727	0.04625	0.27445	-3.6437	M down vs W	2.37259	13.9925	44.2316	1
cg12850078	LOC254559	0.1286	0.04665	0.18022	-5.5489	M down vs W	2.38322	22.8428	67.0938	1
cg11462865	KRT19	0.1286	0.0496	0.24627	-4.06055	M down vs W	2.35895	16.9105	53.7647	1
cg23279355	CMYA5	0.12907	0.04704	0.15138	-6.60608	M down vs W	2.35409	29.8473	95.0918	1
cg08021299	HEPH;HEPH;HEPH	0.12954	0.04864	3.87211	3.87211	M up vs W	2.34931	15.568	49.6995	1
cg03578473	NEUROD1	0.1297	0.04681	0.29272	-3.4163	M down vs W	2.34773	12.5741	40.1689	1

