

Table 3S. Excel file for the gene expression in siRNA Mof vs NT cells.

test_id	gene_id	gene	locus	sample	status	NT FPKM	MOF FPKM	MOF vs. NT fold change	log2(fold _change)	test_stat	p_value	q_value	signific ant	
XLOC_001667	XLOC_001667	MIR137,MIR137f	chr1:98453555-98515249	NT	MOF	OK	0.53098	35.6781	67.192926	6.07024	2.94508	5.00E-05	0.00368902	yes
XLOC_000719	XLOC_000719	IVL	chr1:152881038-152884362	NT	MOF	OK	0.143068	1.664	11.630833	3.53988	2.85378	0.002	0.0614213	no
XLOC_016013	XLOC_016013	TMEM14E	chr3:151980404-152183569	NT	MOF	OK	0.309345	2.24832	7.2680017	2.86156	0.246694	0.2391	0.842227	no
XLOC_021929	XLOC_021929	SCARA5	chr8:27727398-27850369	NT	MOF	OK	0.177836	1.01556	5.7106548	2.51366	2.28908	0.002	0.0614213	no
XLOC_012489	XLOC_012489	XIRP2	chr2:167744996-168116261	NT	MOF	OK	0.160818	0.885562	5.50661	2.46117	1.47467	0.01205	0.194666	no
XLOC_001835	XLOC_001835	LCE3D	chr1:152551859-152552980	NT	MOF	OK	0.713907	3.10838	4.3540405	2.12236	1.61189	0.0385	0.376597	no
XLOC_000989	XLOC_000989	LINC00260	chr1:203595914-203713209	NT	MOF	OK	0.348741	1.50065	4.3030501	2.10536	0.132585	0.1677	0.756137	no
XLOC_016112	XLOC_016112	GMNC	chr3:190570525-190580465	NT	MOF	OK	0.278838	1.18929	4.2651647	2.0926	2.14754	0.0018	0.0568668	no
XLOC_007497	XLOC_007497	CSNK1A1P1	chr15:36871811-37110707	NT	MOF	OK	0.209796	0.886098	4.2236172	2.07848	0.65062	0.32815	0.915657	no
XLOC_023979	XLOC_023979	PCDH19	chrX:99546641-99665271	NT	MOF	OK	0.258953	1.08682	4.1969778	2.06936	2.34881	0.0002	0.0112558	yes
XLOC_021191	XLOC_021191	CYP3A5	chr7:99245812-99277621	NT	MOF	OK	0.370165	1.54183	4.1652506	2.05841	1.54029	0.00125	0.0434626	yes
XLOC_004579	XLOC_004579	BLID	chr11:121959810-122073770	NT	MOF	OK	0.414574	1.7153	4.1375002	2.04876	0.361647	0.3933	0.952607	no
XLOC_016377	XLOC_016377	AREG	chr4:75310852-75320726	NT	MOF	OK	0.216185	0.839289	3.8822721	1.9569	1.28959	0.05775	0.473425	no
XLOC_015988	XLOC_015988	PLSCR4	chr3:145910123-145968966	NT	MOF	OK	9.72991	34.8272	3.5793959	1.83972	3.85904	5.00E-05	0.00368902	yes
XLOC_023511	XLOC_023511	DACH2	chrX:85403454-86087605	NT	MOF	OK	0.22939	0.795579	3.4682375	1.79421	1.32813	0.0058	0.123774	no
XLOC_002528	XLOC_002528	C10orf11	chr10:77542518-78317126	NT	MOF	OK	0.208893	0.719594	3.4447971	1.78442	1.01901	0.10075	0.611372	no
XLOC_002763	XLOC_002763	DPYSL4	chr10:134000413-134019280	NT	MOF	OK	2.5387	8.60505	3.3895498	1.76109	2.76342	5.00E-05	0.00368902	yes
XLOC_015294	XLOC_015294	LOC100129550	chr3:122605359-122611263	NT	MOF	OK	0.349275	1.1706	3.3515139	1.74481	2.21086	0.00085	0.0324448	yes
XLOC_000487	XLOC_000487	LCCA2	chr1:86889768-86922240	NT	MOF	OK	0.542981	1.80917	3.3319214	1.73635	2.08391	0.0014	0.0470556	yes
XLOC_016172	XLOC_016172	SCARNA22	chr4:1873122-1983934	NT	MOF	OK	24.1979	80.5439	3.3285492	1.7349	5.32008	0.5511	0.999021	no
XLOC_005413	XLOC_005413	MIR1291,SNORA	chr12:49046994-49076035	NT	MOF	OK	30.0717	98.7973	3.2853912	1.71607	5.14652	0.4591	0.980057	no
XLOC_007370	XLOC_007370	LOC100506874	chr15:85070426-85123412	NT	MOF	OK	0.225433	0.738053	3.273935	1.71103	1.00373	0.1117	0.637834	no
XLOC_006664	XLOC_006664	CRIP1	chr14:105953256-105955124	NT	MOF	OK	0.949482	3.06672	3.2298875	1.69149	1.20635	0.04905	0.434484	no
XLOC_007618	XLOC_007618	DAPK2	chr15:64199234-64338521	NT	MOF	OK	0.356299	1.1486	3.223697	1.68871	1.67538	0.0093	0.167207	no
XLOC_003230	XLOC_003230	SNORA52	chr11:809935-812876	NT	MOF	OK	27.5148	86.3678	3.1389579	1.65028	1.68953	0.53075	0.999021	no
XLOC_009696	XLOC_009696	KRTAP2-3	chr17:39215492-39216344	NT	MOF	OK	6.36993	19.957	3.1330015	1.64754	2.47457	5.00E-05	0.00368902	yes
XLOC_003693	XLOC_003693	FOLR3	chr11:71846770-71850934	NT	MOF	OK	0.386072	1.19586	3.0975051	1.6311	1.1729	0.05055	0.442907	no
XLOC_021916	XLOC_021916	NEFL	chr8:24808468-24814383	NT	MOF	OK	2.46186	7.55268	3.0678755	1.61724	2.87604	5.00E-05	0.00368902	yes
XLOC_010685	XLOC_010685	SNORA68	chr19:17970686-17974133	NT	MOF	OK	22.1234	67.312	3.0425703	1.60529	2.00641	0.55055	0.999021	no
XLOC_000878	XLOC_000878	FMO2	chr1:171154387-171181822	NT	MOF	OK	3.56279	10.7944	3.0297604	1.59921	3.00839	5.00E-05	0.00368902	yes
XLOC_016055	XLOC_016055	SLC7A14	chr3:170177341-170303863	NT	MOF	OK	0.567328	1.70219	3.0003631	1.58514	2.47395	5.00E-05	0.00368902	yes
XLOC_023473	XLOC_023473	ITGB1BP2	chrX:70430034-70948962	NT	MOF	OK	0.241486	0.720321	2.9828686	1.5767	0.109715	0.4304	0.96699	no
XLOC_006068	XLOC_006068	DCLK1	chr13:35516423-36705514	NT	MOF	OK	0.425784	1.26779	2.9775426	1.57412	0.818075	0.3081	0.903396	no
XLOC_021321	XLOC_021321	PODXL	chr7:131185020-131241376	NT	MOF	OK	2.52374	7.51449	2.9775215	1.57411	2.19578	5.00E-05	0.00368902	yes
XLOC_000473	XLOC_000473	GIPC2	chr1:78511588-78603112	NT	MOF	OK	0.252926	0.750597	2.9676546	1.56933	1.49406	0.01785	0.245846	no
XLOC_017318	XLOC_017318	TCF7	chr5:133450401-133483920	NT	MOF	OK	2.27505	6.67351	2.9333465	1.55255	2.27628	0.0001	0.00661202	yes
XLOC_022017	XLOC_022017	CRH	chr8:67088611-67090846	NT	MOF	OK	0.396196	1.14792	2.8973538	1.53474	1.22417	0.04105	0.391275	no
XLOC_002022	XLOC_002022	TNFSF18	chr1:173010359-173020103	NT	MOF	OK	0.775945	2.21861	2.8592362	1.51563	1.12232	0.06145	0.48789	no

XLOC_012457	XLOC_012457	ZEB2-AS1	chr2:145141941-145278465	NT	MOF	OK	0.331001	0.93651	2.8293268	1.50046	0.106229	0.4682	0.983699	no
XLOC_000712	XLOC_000712	LCE1F	chr1:152748847-152749445	NT	MOF	OK	0.358684	1.0073	2.8083215	1.4897	0.905609	0.1576	0.737417	no
XLOC_018766	XLOC_018766	DDAH2	chr6:31694816-31698039	NT	MOF	OK	0.417793	1.16717	2.7936562	1.48216	1.22921	0.044	0.407345	no
XLOC_014117	XLOC_014117	LINC00161	chr21:29911639-29912677	NT	MOF	OK	0.794518	2.21173	2.7837381	1.47702	1.22041	0.0246	0.29677	no
XLOC_013965	XLOC_013965	SNORA71D	chr20:37049238-37064018	NT	MOF	OK	22.7597	63.3258	2.7823653	1.47631	0.484435	0.56155	0.999021	no
XLOC_010231	XLOC_010231	SERPINB2	chr18:61554938-61571124	NT	MOF	OK	23.4199	64.9992	2.7753833	1.47269	2.63064	5.00E-05	0.00368902	yes
XLOC_016401	XLOC_016401	C4orf22	chr4:81256873-81884910	NT	MOF	OK	0.738996	2.03323	2.751341	1.46014	1.20105	0.0278	0.319146	no
XLOC_022759	XLOC_022759	IFNE	chr9:21454266-21559697	NT	MOF	OK	0.505497	1.37158	2.7133297	1.44006	0.496341	0.5845	0.999021	no
XLOC_007614	XLOC_007614	RPS27L	chr15:63445538-63449741	NT	MOF	OK	40.8616	110.05	2.6932377	1.42934	3.04499	5.00E-05	0.00368902	yes
XLOC_002978	XLOC_002978	UNC5B-AS1	chr10:72972291-73062635	NT	MOF	OK	0.447087	1.18223	2.6442952	1.40289	0.196551	0.4566	0.979004	no
XLOC_015794	XLOC_015794	CADPS	chr3:62384020-62861064	NT	MOF	OK	0.681062	1.80039	2.6435038	1.40245	1.77886	0.00305	0.080932	no
XLOC_015405	XLOC_015405	RAP2B	chr3:152880028-152886263	NT	MOF	OK	7.82161	20.6184	2.6360813	1.3984	3.07472	5.00E-05	0.00368902	yes
XLOC_015604	XLOC_015604	ZNF385D	chr3:21462489-21792816	NT	MOF	OK	3.34281	8.68663	2.5986012	1.37774	2.05986	0.00085	0.0324448	yes
XLOC_006624	XLOC_006624	MEG9	chr14:101536247-101539273	NT	MOF	OK	0.87218	2.24345	2.5722328	1.36302	1.62857	0.0076	0.146667	no
XLOC_006847	XLOC_006847	SGPP1	chr14:64150934-64194756	NT	MOF	OK	4.44514	11.3237	2.5474338	1.34905	2.52225	5.00E-05	0.00368902	yes
XLOC_019200	XLOC_019200	DLL1	chr6:170591293-170599697	NT	MOF	OK	0.576755	1.45417	2.5212959	1.33417	1.49738	0.0094	0.167907	no
XLOC_016370	XLOC_016370	IL8	chr4:74606222-74609433	NT	MOF	OK	3.33444	8.39583	2.5179131	1.33223	1.9541	0.00165	0.0535255	no
XLOC_007126	XLOC_007126	ATPBD4-AS1	chr15:35663169-36151202	NT	MOF	OK	0.503111	1.25768	2.4998062	1.32181	0.839268	0.1684	0.757374	no
XLOC_012542	XLOC_012542	PPP1R1C	chr2:182818967-182996109	NT	MOF	OK	0.449916	1.11458	2.4773069	1.30878	1.00229	0.0584	0.475532	no
XLOC_019128	XLOC_019128	STXBP5-AS1	chr6:147162524-147711612	NT	MOF	OK	0.770983	1.90608	2.4722724	1.30583	0.468142	0.49695	0.990434	no
XLOC_018363	XLOC_018363	PTP4A1	chr6:64281919-64293489	NT	MOF	OK	28.0247	69.1551	2.4676482	1.30314	2.94418	5.00E-05	0.00368902	yes
XLOC_013839	XLOC_013839	RASSF2	chr20:4760668-4804291	NT	MOF	OK	2.74104	6.75686	2.4650717	1.30163	2.39312	5.00E-05	0.00368902	yes
XLOC_020530	XLOC_020530	POM121	chr7:72349935-72425302	NT	MOF	OK	5.44454	13.3345	2.4491509	1.29228	2.65015	5.00E-05	0.00368902	yes
XLOC_022154	XLOC_022154	HAS2	chr8:122625270-122657564	NT	MOF	OK	51.7304	126.133	2.4382761	1.28586	2.29839	0.0001	0.00661202	yes
XLOC_011445	XLOC_011445	ZNF442	chr19:12460184-12476475	NT	MOF	OK	0.33799	0.823752	2.4372082	1.28523	1.2978	0.02465	0.296781	no
XLOC_013964	XLOC_013964	SNORA71C	chr20:37049238-37064018	NT	MOF	OK	16.9045	41.1583	2.4347541	1.28378	0.365145	0.5711	0.999021	no
XLOC_018269	XLOC_018269	PI16	chr6:36916038-36932613	NT	MOF	OK	9.77095	23.6696	2.4224461	1.27646	1.46743	0.17975	0.773737	no
XLOC_015428	XLOC_015428	PPM1L	chr3:160473995-160788817	NT	MOF	OK	0.401134	0.967698	2.4124058	1.27047	1.36669	0.0218	0.276789	no
XLOC_008148	XLOC_008148	MMP15	chr16:58059281-58080804	NT	MOF	OK	1.08631	2.61954	2.4114111	1.26988	1.8692	0.0021	0.063525	no
XLOC_013881	XLOC_013881	THBD	chr20:23026269-23030301	NT	MOF	OK	3.67876	8.8368	2.4021138	1.2643	1.76004	0.00195	0.0601913	no
XLOC_023804	XLOC_023804	KLHL15	chrX:24001832-24045303	NT	MOF	OK	1.38158	3.29545	2.3852763	1.25416	2.18599	0.00035	0.017008	yes
XLOC_021118	XLOC_021118	POM121C	chr7:75039623-75115568	NT	MOF	OK	4.85044	11.4961	2.3701149	1.24495	2.56438	0.0001	0.00661202	yes
XLOC_018374	XLOC_018374	KCNQ5	chr6:73331570-73908573	NT	MOF	OK	1.99769	4.72923	2.3673493	1.24327	2.28124	5.00E-05	0.00368902	yes
XLOC_010388	XLOC_010388	RNF152	chr18:59482303-59560304	NT	MOF	OK	9.86665	23.3393	2.3654736	1.24213	2.44483	5.00E-05	0.00368902	yes
XLOC_002092	XLOC_002092	LOC100131234	chr1:198777131-198906558	NT	MOF	OK	0.414962	0.979527	2.3605222	1.23911	0.795272	0.38205	0.946768	no
XLOC_014607	XLOC_014607	PNPLA3	chr22:44319618-44343448	NT	MOF	OK	0.762722	1.79667	2.3556027	1.2361	1.41562	0.0212	0.272025	no
XLOC_004081	XLOC_004081	RRAS2	chr11:14299465-14386052	NT	MOF	OK	49.5057	115.99	2.3429625	1.22833	2.55916	5.00E-05	0.00368902	yes
XLOC_021729	XLOC_021729	HAS2-AS1	chr8:122625270-122657564	NT	MOF	OK	5.16758	12.0504	2.3319233	1.22152	0.554468	0.4526	0.975824	no
XLOC_000984	XLOC_000984	BTG2	chr1:203274663-203278729	NT	MOF	OK	12.3494	28.772	2.3298298	1.22023	2.54424	5.00E-05	0.00368902	yes
XLOC_005677	XLOC_005677	SELPLG	chr12:109015679-109027670	NT	MOF	OK	1.65956	3.86498	2.3289185	1.21966	1.72836	0.00295	0.0793222	no
XLOC_023919	XLOC_023919	EDA2R	chrX:65815481-65859140	NT	MOF	OK	4.32319	10.0443	2.3233538	1.2162	2.26422	0.00015	0.00902985	yes
XLOC_005262	XLOC_005262	SLC2A3	chr12:8071823-8088892	NT	MOF	OK	16.8439	39.1289	2.3230309	1.21601	2.70521	5.00E-05	0.00368902	yes

XLOC_008611	XLOC_008611	RRAD	chr16:66955581-66959439	NT	MOF	OK	7.24577	16.6508	2.2980028	1.20038	2.05395	0.00095	0.0354784	yes
XLOC_005595	XLOC_005595	E2F7	chr12:77415025-77459360	NT	MOF	OK	9.97418	22.8133	2.2872356	1.19361	2.59756	5.00E-05	0.00368902	yes
XLOC_012394	XLOC_012394	RABL2A	chr2:114384816-114400975	NT	MOF	OK	0.735655	1.66442	2.2625008	1.17792	1.25696	0.028	0.319924	no
XLOC_003035	XLOC_003035	FAS-AS1	chr10:90694830-90775542	NT	MOF	OK	0.506797	1.14218	2.2537229	1.17231	0.101232	0.45155	0.975622	no
XLOC_021171	XLOC_021171	PDK4	chr7:95212808-95225925	NT	MOF	OK	0.746705	1.67933	2.2489872	1.16928	1.35392	0.0223	0.280197	no
XLOC_016890	XLOC_016890	PITX2	chr4:111538579-111563279	NT	MOF	OK	0.717085	1.6126	2.2488268	1.16917	0.753522	0.3455	0.925925	no
XLOC_009726	XLOC_009726	KRT17	chr17:39775691-39780882	NT	MOF	OK	0.458352	1.02606	2.2385852	1.16259	0.991876	0.089	0.577603	no
XLOC_003670	XLOC_003670	GAL	chr11:68451982-68458643	NT	MOF	OK	21.8847	48.8849	2.2337478	1.15947	2.16698	0.0006	0.0251211	yes
XLOC_010114	XLOC_010114	RAB31	chr18:9708227-9862553	NT	MOF	OK	7.8916	17.6147	2.2320822	1.15839	2.33421	0.0001	0.00661202	yes
XLOC_005177	XLOC_005177	TMEM132B	chr12:125811161-126143589	NT	MOF	OK	0.377678	0.841353	2.2276993	1.15556	1.46385	0.0152	0.223475	no
XLOC_023348	XLOC_023348	MAOA	chrX:43514154-43606071	NT	MOF	OK	3.55926	7.89633	2.2185314	1.14961	2.19037	0.00015	0.00902985	yes
XLOC_003544	XLOC_003544	RPLP0P2	chr11:61382507-61406921	NT	MOF	OK	0.477287	1.05869	2.2181413	1.14936	1.26467	0.0345	0.355882	no
XLOC_016571	XLOC_016571	CLCN3	chr4:170541671-170644338	NT	MOF	OK	9.00351	19.9281	2.2133701	1.14624	2.5103	0.0001	0.00661202	yes
XLOC_006972	XLOC_006972	RTL1	chr14:101346991-101351184	NT	MOF	OK	1.11909	2.47501	2.2116273	1.14511	1.61999	0.0064	0.131254	no
XLOC_020413	XLOC_020413	CREB5	chr7:28338939-28865511	NT	MOF	OK	1.43338	3.16466	2.2078304	1.14262	2.02883	0.0006	0.0251211	yes
XLOC_009988	XLOC_009988	RHBDF2	chr17:74466974-74497509	NT	MOF	OK	1.28725	2.83866	2.2052127	1.14092	1.44777	0.0217	0.276681	no
XLOC_023717	XLOC_023717	SNORA70	chrX:153626570-153650063	NT	MOF	OK	477.538	1052.74	2.2045157	1.14046	0.148172	0.5013	0.991492	no
XLOC_000008	XLOC_000008	PLEKHN1	chr1:901876-910484	NT	MOF	OK	0.935538	2.0597	2.2016209	1.13857	1.35393	0.03045	0.334039	no
XLOC_018516	XLOC_018516	TNFAIP3	chr6:138144806-138204451	NT	MOF	OK	3.6905	8.12207	2.2008048	1.13803	2.17675	0.0002	0.0112558	yes
XLOC_007675	XLOC_007675	C15orf59	chr15:74032140-74043816	NT	MOF	OK	0.509684	1.12157	2.2005203	1.13785	0.94708	0.11295	0.64134	no
XLOC_014815	XLOC_014815	BAIAP2L2	chr22:38480895-38506676	NT	MOF	OK	0.614607	1.35148	2.1989336	1.1368	1.18724	0.041	0.391275	no
XLOC_008621	XLOC_008621	TPPP3	chr16:67423711-67427421	NT	MOF	OK	0.598788	1.31187	2.1908756	1.1315	0.910738	0.1043	0.619858	no
XLOC_010151	XLOC_010151	IMPACT	chr18:22006608-22033494	NT	MOF	OK	4.52331	9.90496	2.1897593	1.13077	2.16858	0.0004	0.0189062	yes
XLOC_014996	XLOC_014996	GPD1L	chr3:32148002-32210207	NT	MOF	OK	1.38121	3.01858	2.1854606	1.12794	1.71774	0.0032	0.0829122	no
XLOC_021343	XLOC_021343	HIPK2	chr7:139246315-139477693	NT	MOF	OK	12.3007	26.8273	2.1809572	1.12495	2.48352	5.00E-05	0.00368902	yes
XLOC_020704	XLOC_020704	CAV2	chr7:116139654-116148595	NT	MOF	OK	54.5088	118.707	2.1777585	1.12284	2.47832	5.00E-05	0.00368902	yes
XLOC_017758	XLOC_017758	FBXL17	chr5:107194733-107717799	NT	MOF	OK	3.52388	7.65444	2.1721625	1.11913	2.20025	0.0004	0.0189063	yes
XLOC_004225	XLOC_004225	LPXN	chr11:58294343-58345639	NT	MOF	OK	13.5101	29.3333	2.1712126	1.1185	2.2363	5.00E-05	0.00368902	yes
XLOC_002922	XLOC_002922	ARHGAP22	chr10:49654067-49864310	NT	MOF	OK	11.9578	25.8813	2.1643864	1.11396	2.42577	5.00E-05	0.00368902	yes
XLOC_009231	XLOC_009231	SNORA76	chr17:62223698-62223831	NT	MOF	OK	29.8791	64.6506	2.1637399	1.11352	10.7905	0.4175	0.958864	no
XLOC_023277	XLOC_023277	TCEANC	chrX:13671306-13682247	NT	MOF	OK	0.35687	0.770748	2.1597444	1.11086	1.00914	0.1001	0.608954	no
XLOC_000987	XLOC_000987	ATP2B4	chr1:203595914-203713209	NT	MOF	OK	61.8092	133.364	2.1576723	1.10948	2.20126	0.0002	0.0112558	yes
XLOC_005846	XLOC_005846	STARD13-AS	chr13:33677271-34250932	NT	MOF	OK	0.449546	0.968387	2.1541444	1.10712	0.135906	0.5681	0.999021	no
XLOC_016855	XLOC_016855	ADH1B	chr4:100227526-100242572	NT	MOF	OK	27.4371	58.9147	2.1472641	1.1025	2.46136	5.00E-05	0.00368902	yes
XLOC_010212	XLOC_010212	LOC100505549	chr18:55297533-55470327	NT	MOF	OK	0.441759	0.948016	2.1460027	1.10165	0.134656	0.4744	0.985274	no
XLOC_005564	XLOC_005564	RPSAP52	chr12:66151799-66360071	NT	MOF	OK	1.18035	2.52557	2.1396789	1.09739	0.274281	0.65855	0.999021	no
XLOC_017696	XLOC_017696	GCNT4	chr5:74323288-74326724	NT	MOF	OK	0.687472	1.46567	2.1319705	1.09218	1.26891	0.0366	0.367214	no
XLOC_020337	XLOC_020337	ELFN1	chr7:1748797-1787590	NT	MOF	OK	0.791271	1.68513	2.1296496	1.09061	1.21921	0.03605	0.364415	no
XLOC_021631	XLOC_021631	RDH10	chr8:74206836-74237520	NT	MOF	OK	55.3271	117.548	2.1246008	1.0872	2.17415	0.00045	0.0205472	yes
XLOC_006252	XLOC_006252	PNP	chr14:20937537-20946165	NT	MOF	OK	8.38543	17.7099	2.1119847	1.0786	2.10748	0.0007	0.0283278	yes
XLOC_022222	XLOC_022222	FAM83H	chr8:144806102-144815914	NT	MOF	OK	0.990622	2.09174	2.111542	1.0783	1.61589	0.00565	0.121646	no
XLOC_012490	XLOC_012490	B3GALT1	chr2:168675181-168727366	NT	MOF	OK	0.786502	1.66071	2.111514	1.07828	1.16297	0.05015	0.441963	no

XLOC_009510	XLOC_009510	PMP22	chr17:15133095-15168644	NT	MOF	OK	22.053	46.5404	2.1103886	1.07751	2.25839	5.00E-05	0.00368902	yes
XLOC_014563	XLOC_014563	APOBEC3G	chr22:39473009-39483748	NT	MOF	OK	0.874172	1.84331	2.1086354	1.07631	1.09178	0.06155	0.488044	no
XLOC_001073	XLOC_001073	CNIH3	chr1:224804178-224928249	NT	MOF	OK	2.18718	4.60957	2.1075403	1.07556	1.58371	0.0077	0.148124	no
XLOC_006076	XLOC_006076	TRPC4	chr13:38210772-38443939	NT	MOF	OK	0.483688	1.01836	2.1054068	1.0741	1.01026	0.04	0.385965	no
XLOC_015613	XLOC_015613	NEK10	chr3:27257096-27410912	NT	MOF	OK	0.752547	1.58347	2.1041476	1.07323	1.24821	0.02985	0.329849	no
XLOC_003949	XLOC_003949	PIDD	chr11:799178-805250	NT	MOF	OK	5.48514	11.5397	2.1038114	1.07301	2.0255	0.0005	0.0219203	yes
XLOC_011323	XLOC_011323	STAP2	chr19:4324039-4338847	NT	MOF	OK	0.382022	0.803192	2.1024758	1.07209	0.882936	0.1235	0.665042	no
XLOC_009212	XLOC_009212	C17orf82	chr17:59489111-59490641	NT	MOF	OK	1.50545	3.16402	2.1017105	1.07156	1.28774	0.02655	0.309779	no
XLOC_016482	XLOC_016482	USP53	chr4:120133781-120216673	NT	MOF	OK	13.8739	29.1468	2.1008368	1.07096	2.39979	5.00E-05	0.00368902	yes
XLOC_005378	XLOC_005378	CPNE8	chr12:39046001-39299420	NT	MOF	OK	2.01298	4.22773	2.1002345	1.07055	1.69984	0.0046	0.104624	no
XLOC_013827	XLOC_013827	SLC4A11	chr20:3208062-3219887	NT	MOF	OK	0.601352	1.26285	2.100018	1.0704	1.2645	0.0297	0.329395	no
XLOC_006544	XLOC_006544	MEG8	chr14:101361106-101373305	NT	MOF	OK	1.33222	2.79705	2.0995406	1.07007	0.81388	0.1748	0.768703	no
XLOC_016489	XLOC_016489	FGF2	chr4:123747862-123844159	NT	MOF	OK	75.787	159.058	2.0987504	1.06953	1.84661	0.00095	0.0354784	yes
XLOC_013094	XLOC_013094	MALL	chr2:110841446-110874143	NT	MOF	OK	4.9228	10.3284	2.0980743	1.06906	1.91592	0.00105	0.0382681	yes
XLOC_005425	XLOC_005425	PRKAG1	chr12:49396054-49412629	NT	MOF	OK	11.8882	24.8991	2.0944382	1.06656	2.05264	0.0004	0.0189063	yes
XLOC_010105	XLOC_010105	ARHGAP28	chr18:6834431-6915712	NT	MOF	OK	0.610832	1.27905	2.0939473	1.06622	1.36939	0.02435	0.296116	no
XLOC_018266	XLOC_018266	CDKN1A	chr6:36644236-36655116	NT	MOF	OK	346.435	724.496	2.0912899	1.06439	2.14189	0.0003	0.0149383	yes
XLOC_018471	XLOC_018471	GJA1	chr6:121756744-121770873	NT	MOF	OK	88.0181	183.69	2.0869571	1.0614	2.32262	5.00E-05	0.00368902	yes
XLOC_000639	XLOC_000639	LIX1L	chr1:145477084-145499091	NT	MOF	OK	15.6152	32.5759	2.086166	1.06085	2.06181	0.0004	0.0189063	yes
XLOC_016931	XLOC_016931	ELF2	chr4:139978870-140060630	NT	MOF	OK	3.67291	7.65538	2.0842819	1.05955	1.94309	0.00135	0.0457563	yes
XLOC_004742	XLOC_004742	KIAA1467	chr12:13197314-13236383	NT	MOF	OK	1.89901	3.9509	2.0805051	1.05693	1.80177	0.00265	0.0738825	no
XLOC_017914	XLOC_017914	GEMIN5	chr5:154266975-154317776	NT	MOF	OK	2.68909	5.57779	2.0742296	1.05258	2.00127	0.00095	0.0354784	yes
XLOC_024024	XLOC_024024	ACSL4	chrX:108884563-108976621	NT	MOF	OK	25.1988	52.2489	2.0734678	1.05205	2.37906	5.00E-05	0.00368902	yes
XLOC_020702	XLOC_020702	MDFIC	chr7:114562208-114659970	NT	MOF	OK	11.9958	24.8721	2.0734007	1.05199	2.1167	5.00E-05	0.00368902	yes
XLOC_009956	XLOC_009956	FDXR	chr17:72858618-72869156	NT	MOF	OK	9.06628	18.7786	2.0712575	1.05051	1.99355	0.00085	0.0324448	yes
XLOC_015407	XLOC_015407	ARHGEP26	chr3:153742189-153975616	NT	MOF	OK	1.21678	2.51608	2.0678183	1.04811	1.64173	0.0044	0.101992	no
XLOC_006157	XLOC_006157	KCTD12	chr13:77454303-77460540	NT	MOF	OK	14.4193	29.8125	2.0675414	1.04791	2.34487	5.00E-05	0.00368902	yes
XLOC_016068	XLOC_016068	ZMAT3	chr3:178735010-178789656	NT	MOF	OK	17.8428	36.8743	2.0666207	1.04728	1.97843	0.0012	0.0422093	yes
XLOC_016491	XLOC_016491	SPRY1	chr4:124317949-124324915	NT	MOF	OK	3.97329	8.21006	2.0663128	1.04706	1.69304	0.0024	0.0694737	no
XLOC_007290	XLOC_007290	CD276	chr15:73976621-74006859	NT	MOF	OK	26.3866	54.5194	2.0661775	1.04696	2.3829	5.00E-05	0.00368902	yes
XLOC_017097	XLOC_017097	RAI14	chr5:34656432-34832717	NT	MOF	OK	59.417	122.39	2.0598482	1.04254	2.24898	5.00E-05	0.00368902	yes
XLOC_018644	XLOC_018644	ADTRP	chr6:11713887-11779280	NT	MOF	OK	0.581555	1.19532	2.055386	1.03941	0.901371	0.10175	0.61344	no
XLOC_000344	XLOC_000344	CCDC24	chr1:44457279-44497164	NT	MOF	OK	0.513497	1.05259	2.0498464	1.03551	0.352114	0.6796	0.999021	no
XLOC_009654	XLOC_009654	SNORA21	chr17:37006320-37010053	NT	MOF	OK	14.5036	29.7232	2.0493671	1.03518	1.04901	0.59425	0.999021	no
XLOC_007738	XLOC_007738	RPS17L	chr15:83205503-83209208	NT	MOF	OK	0.352959	0.720314	2.0407866	1.02913	0.59415	0.3439	0.92512	no
XLOC_000812	XLOC_000812	PEA15	chr1:160175124-160185162	NT	MOF	OK	107.074	218.387	2.0395894	1.02828	2.29088	5.00E-05	0.00368902	yes
XLOC_005580	XLOC_005580	PTPRB	chr12:70910631-71031220	NT	MOF	OK	0.712889	1.45189	2.0366284	1.02619	1.45802	0.01065	0.18227	no
XLOC_012567	XLOC_012567	SLC39A10	chr2:196521531-196602426	NT	MOF	OK	9.27047	18.8751	2.0360456	1.02577	2.21738	5.00E-05	0.00368902	yes
XLOC_014937	XLOC_014937	PRRT3-AS1	chr3:9987225-9996471	NT	MOF	OK	0.672162	1.36706	2.0338252	1.0242	0.323068	0.6278	0.999021	no
XLOC_004743	XLOC_004743	EMP1	chr12:13349601-13369708	NT	MOF	OK	61.6468	125.156	2.0302108	1.02163	2.22315	0.0001	0.00661202	yes
XLOC_007018	XLOC_007018	PAR5	chr15:25230006-25233379	NT	MOF	OK	1.92496	3.9062	2.029237	1.02094	1.59056	0.0052	0.115662	no
XLOC_017458	XLOC_017458	CCNG1	chr5:162864576-162872022	NT	MOF	OK	55.3048	112.027	2.0256289	1.01837	2.19864	5.00E-05	0.00368902	yes

XLOC_006991	XLOC_006991	AHNAK2	chr14:105403590-105444694	NT	MOF	OK	2.92267	5.89604	2.0173472	1.01246	2.20435	0.00015	0.00902985	yes
XLOC_021508	XLOC_021508	TNFRSF10C	chr8:22941867-22974950	NT	MOF	OK	2.08891	4.20376	2.012418	1.00893	1.27655	0.03125	0.336111	no
XLOC_009690	XLOC_009690	KRTAP1-5	chr17:39182278-39183454	NT	MOF	OK	8.88775	17.8683	2.0104413	1.00751	1.67164	0.00445	0.102367	no
XLOC_003187	XLOC_003187	FAM196A	chr10:128594022-129250780	NT	MOF	OK	0.538652	1.08284	2.0102775	1.0074	0.307523	0.6438	0.999021	no
XLOC_005366	XLOC_005366	TMTC1	chr12:29653745-29937692	NT	MOF	OK	17.722	35.5304	2.0048753	1.00351	2.22322	0.0001	0.00661202	yes
XLOC_000491	XLOC_000491	SH3GLB1	chr1:87170252-87213867	NT	MOF	OK	15.7738	31.5871	2.0025042	1.0018	2.25022	0.00015	0.00902985	yes
XLOC_016295	XLOC_016295	SHISA3	chr4:42399855-42404504	NT	MOF	OK	2.61997	1.30909	-2.0013674	-1.001	-1.1563	0.04405	0.407496	no
XLOC_021701	XLOC_021701	ATP6V1C1	chr8:104033247-104085285	NT	MOF	OK	15.2819	7.62936	-2.0030383	-1.0022	-2.19204	0.0003	0.0149383	yes
XLOC_017341	XLOC_017341	REEP2	chr5:137774689-137782658	NT	MOF	OK	7.95881	3.96749	-2.0060063	-1.0043	-1.63708	0.00545	0.11925	no
XLOC_023568	XLOC_023568	TMEM164	chrX:109245862-109421016	NT	MOF	OK	3.40664	1.69756	-2.0067862	-1.0049	-1.74742	0.00325	0.0834926	no
XLOC_000492	XLOC_000492	HS2ST1	chr1:87380334-87575681	NT	MOF	OK	15.5704	7.75277	-2.008366	-1.006	-1.50777	0.00755	0.146168	no
XLOC_022132	XLOC_022132	LRP12	chr8:105501458-105601252	NT	MOF	OK	18.4257	9.15216	-2.0132624	-1.0095	-2.13	0.0002	0.0112558	yes
XLOC_016088	XLOC_016088	MAGEF1	chr3:184428154-184429836	NT	MOF	OK	17.1257	8.50207	-2.0142977	-1.0103	-1.88685	0.0013	0.0445609	yes
XLOC_007877	XLOC_007877	CCNF	chr16:2479394-2508859	NT	MOF	OK	4.28593	2.1275	-2.0145382	-1.0105	-1.73161	0.0032	0.0829122	no
XLOC_017295	XLOC_017295	SLC12A2	chr5:127419482-127525380	NT	MOF	OK	7.66869	3.80439	-2.0157476	-1.0113	-2.07253	0.00025	0.0132096	yes
XLOC_018082	XLOC_018082	GMMN	chr6:24775158-24786325	NT	MOF	OK	6.83618	3.38611	-2.0188889	-1.0136	-1.4099	0.01645	0.233074	no
XLOC_009547	XLOC_009547	MFAP4	chr17:19240866-19290532	NT	MOF	OK	76.4994	37.8677	-2.0201755	-1.0145	-1.60471	0.01065	0.18227	no
XLOC_014574	XLOC_014574	TNRC6B	chr22:40440820-40731812	NT	MOF	OK	5.84188	2.88858	-2.0224055	-1.0161	-2.19831	0.0003	0.0149383	yes
XLOC_015254	XLOC_015254	CD200	chr3:112051915-112081658	NT	MOF	OK	3.71582	1.83712	-2.0226333	-1.0162	-1.33152	0.01915	0.257946	no
XLOC_021046	XLOC_021046	NACAD	chr7:45120035-45128493	NT	MOF	OK	1.86227	0.920468	-2.0231773	-1.0166	-1.42408	0.01275	0.200618	no
XLOC_014528	XLOC_014528	MCM5	chr22:35796115-35820495	NT	MOF	OK	8.05353	3.97986	-2.0235712	-1.0169	-1.73547	0.0026	0.072993	no
XLOC_008034	XLOC_008034	PRRT2	chr16:29823408-29827202	NT	MOF	OK	1.17489	0.580324	-2.0245415	-1.0176	-1.09418	0.0511	0.443985	no
XLOC_002139	XLOC_002139	NUAK2	chr1:205271190-205290883	NT	MOF	OK	6.85397	3.38145	-2.0269322	-1.0193	-1.80942	0.00295	0.0793222	no
XLOC_000470	XLOC_000470	FAM73A	chr1:78245308-78345225	NT	MOF	OK	4.03502	1.99038	-2.0272611	-1.0195	-1.96356	0.0011	0.03997	yes
XLOC_004954	XLOC_004954	SLC16A7	chr12:59989820-60183635	NT	MOF	OK	7.17757	3.53721	-2.0291614	-1.0209	-2.17988	0.0002	0.0112558	yes
XLOC_001062	XLOC_001062	MARC1	chr1:220960038-220987741	NT	MOF	OK	0.822372	0.405078	-2.0301572	-1.0216	-0.976376	0.08565	0.569119	no
XLOC_001975	XLOC_001975	NR1I3	chr1:161195832-161208000	NT	MOF	OK	0.851913	0.419316	-2.031673	-1.0227	-0.343299	0.1996	0.796294	no
XLOC_022729	XLOC_022729	TTC39B	chr9:15170841-15307358	NT	MOF	OK	3.99958	1.96725	-2.0330817	-1.0237	-1.61646	0.0031	0.0815435	no
XLOC_016034	XLOC_016034	TRIM59	chr3:160153290-160167626	NT	MOF	OK	4.40908	2.16732	-2.0343466	-1.0246	-1.70932	0.0047	0.106299	no
XLOC_019001	XLOC_019001	MMS22L	chr6:97372495-97862283	NT	MOF	OK	1.04778	0.512837	-2.0431053	-1.0308	-1.46703	0.01245	0.197957	no
XLOC_000207	XLOC_000207	HMG2	chr1:26798901-26803133	NT	MOF	OK	43.8444	21.4501	-2.0440184	-1.0314	-2.22514	0.00015	0.00902985	yes
XLOC_012821	XLOC_012821	DNAJC27	chr2:25166504-25194963	NT	MOF	OK	1.01865	0.497959	-2.0456503	-1.0326	-1.28198	0.02505	0.298626	no
XLOC_005050	XLOC_005050	GAS2L3	chr12:100967488-101018685	NT	MOF	OK	2.26922	1.10897	-2.0462411	-1.033	-1.2701	0.0312	0.336111	no
XLOC_020756	XLOC_020756	MEST	chr7:130126015-130371406	NT	MOF	OK	37.621	18.3761	-2.0472788	-1.0337	-1.7853	0.0042	0.0984884	no
XLOC_023286	XLOC_023286	GRPR	chrX:16141423-16171641	NT	MOF	OK	1.47057	0.718004	-2.0481362	-1.0343	-1.14231	0.04345	0.403488	no
XLOC_003168	XLOC_003168	CUZD1,FAM24B	chr10:124591670-124658230	NT	MOF	OK	1.22064	0.595869	-2.0485039	-1.0346	-0.688899	0.18715	0.780867	no
XLOC_002102	XLOC_002102	TMEM9	chr1:201103899-201123632	NT	MOF	OK	18.1046	8.82821	-2.0507668	-1.0362	-1.91083	0.00115	0.0411686	yes
XLOC_005224	XLOC_005224	FOX1	chr12:2945981-2998691	NT	MOF	OK	8.29392	4.04385	-2.050996	-1.0363	-1.44368	0.01765	0.244633	no
XLOC_016975	XLOC_016975	C4orf46	chr4:159587830-159593202	NT	MOF	OK	3.43251	1.67332	-2.0513171	-1.0366	-1.56268	0.00775	0.148144	no
XLOC_019047	XLOC_019047	TSPYL4	chr6:116571130-116575261	NT	MOF	OK	7.36372	3.58958	-2.0514155	-1.0366	-1.98679	0.0013	0.0445609	yes
XLOC_009967	XLOC_009967	GRB2	chr17:73314156-73401790	NT	MOF	OK	36.6602	17.8514	-2.0536316	-1.0382	-2.33251	5.00E-05	0.00368902	yes
XLOC_013238	XLOC_013238	CHN1	chr2:175664041-175870107	NT	MOF	OK	53.9547	26.2093	-2.058609	-1.0417	-2.13492	0.00025	0.0132096	yes

XLOC_005040	XLOC_005040	TMPO	chr12:98906750-98944157	NT	MOF	OK	9.32925	4.52974	-2.0595553	-1.0423	-1.96086	0.00075	0.0295603	yes
XLOC_009834	XLOC_009834	FAM117A	chr17:47787686-47841518	NT	MOF	OK	1.2411	0.602312	-2.06056	-1.043	-1.10397	0.06195	0.488654	no
XLOC_001671	XLOC_001671	SASS6	chr1:100549101-100598511	NT	MOF	OK	1.17891	0.572118	-2.0606064	-1.0431	-1.24731	0.0273	0.3149	no
XLOC_010799	XLOC_010799	ARHGAP33	chr19:36266416-36279724	NT	MOF	OK	0.943969	0.456428	-2.0681663	-1.0484	-1.13658	0.0472	0.424309	no
XLOC_004118	XLOC_004118	CCDC34	chr11:27360060-27384795	NT	MOF	OK	3.35565	1.62181	-2.0690771	-1.049	-1.26374	0.0369	0.369	no
XLOC_022809	XLOC_022809	FANCG	chr9:35073834-35080013	NT	MOF	OK	2.40736	1.16185	-2.0720059	-1.051	-1.36836	0.01725	0.241022	no
XLOC_010266	XLOC_010266	ENOSF1	chr18:596997-712662	NT	MOF	OK	2.89123	1.39334	-2.0750355	-1.0531	-1.25556	0.02855	0.323763	no
XLOC_007196	XLOC_007196	SEMA6D	chr15:47476402-48066420	NT	MOF	OK	4.89096	2.35	-2.0812596	-1.0575	-1.7891	0.00165	0.0535255	no
XLOC_012663	XLOC_012663	SPEG	chr2:220299699-220358354	NT	MOF	OK	7.22019	3.4664	-2.0829073	-1.0586	-1.41256	0.01825	0.24952	no
XLOC_004811	XLOC_004811	TMEM106C	chr12:48357329-48362661	NT	MOF	OK	11.8763	5.69544	-2.0852296	-1.0602	-1.75378	0.00405	0.0957129	no
XLOC_019089	XLOC_019089	SLC2A12	chr6:134308718-134373789	NT	MOF	OK	1.58725	0.760516	-2.0870698	-1.0615	-1.49945	0.00985	0.172983	no
XLOC_016502	XLOC_016502	C4orf33	chr4:130014828-130033843	NT	MOF	OK	2.1017	1.00507	-2.0910981	-1.0643	-1.16341	0.0465	0.420202	no
XLOC_004405	XLOC_004405	CHRD12	chr11:74407473-74442186	NT	MOF	OK	1.34237	0.641208	-2.0935016	-1.0659	-0.879525	0.3382	0.92125	no
XLOC_015748	XLOC_015748	POC1A	chr3:52109248-52188706	NT	MOF	OK	2.58669	1.23498	-2.0945197	-1.0666	-1.28839	0.02635	0.30865	no
XLOC_000519	XLOC_000519	SLC44A3	chr1:95285897-95360803	NT	MOF	OK	0.751667	0.358853	-2.0946376	-1.0667	-0.83452	0.0777	0.543451	no
XLOC_017872	XLOC_017872	PRELID2	chr5:145138581-145214899	NT	MOF	OK	1.26644	0.60378	-2.097519	-1.0687	-1.11983	0.04575	0.417163	no
XLOC_000573	XLOC_000573	GSTM5	chr1:110254863-110260890	NT	MOF	OK	0.917562	0.437387	-2.0978264	-1.0689	-0.867399	0.14165	0.701582	no
XLOC_023908	XLOC_023908	SPIN4	chrX:62567106-62571218	NT	MOF	OK	1.54561	0.735353	-2.1018613	-1.0717	-1.40378	0.01515	0.223011	no
XLOC_023549	XLOC_023549	TMSB15B	chrX:103139054-103401708	NT	MOF	OK	1.88914	0.897704	-2.104413	-1.0734	-0.494109	0.435	0.969292	no
XLOC_021481	XLOC_021481	PDGFRL	chr8:17433941-17500642	NT	MOF	OK	8.68779	4.12809	-2.1045544	-1.0735	-1.70901	0.00475	0.10703	no
XLOC_008489	XLOC_008489	SULT1A1	chr16:28616907-28634907	NT	MOF	OK	2.42305	1.15011	-2.1067985	-1.0751	-1.00177	0.0607	0.485119	no
XLOC_023252	XLOC_023252	GYG2	chrX:2746862-2800861	NT	MOF	OK	2.99052	1.41532	-2.1129639	-1.0793	-1.43521	0.0137	0.20957	no
XLOC_015855	XLOC_015855	KIAA1524	chr3:108268717-108413693	NT	MOF	OK	2.4978	1.18005	-2.11669	-1.0818	-1.11368	0.06715	0.504666	no
XLOC_006759	XLOC_006759	SPTSSA	chr14:34902143-34931468	NT	MOF	OK	11.6346	5.48702	-2.1203859	-1.0843	-2.04596	0.00065	0.0267517	yes
XLOC_017607	XLOC_017607	LMBRD2	chr5:36103413-36152015	NT	MOF	OK	4.98675	2.34987	-2.1221387	-1.0855	-1.8115	0.00205	0.0626389	no
XLOC_012699	XLOC_012699	PTMA	chr2:232573234-232578250	NT	MOF	OK	253.009	119.203	-2.1225053	-1.0858	-2.31049	5.00E-05	0.00368902	yes
XLOC_008766	XLOC_008766	GSG2	chr17:3617918-3704537	NT	MOF	OK	1.81633	0.85547	-2.1231954	-1.0862	-0.844362	0.17385	0.768275	no
XLOC_006777	XLOC_006777	SEC23A	chr14:39501122-39572437	NT	MOF	OK	116.654	54.8108	-2.1283032	-1.0897	-2.43262	5.00E-05	0.00368902	yes
XLOC_022998	XLOC_022998	EPB41L4B	chr9:111934253-112083021	NT	MOF	OK	0.787576	0.370007	-2.1285435	-1.0899	-1.14486	0.04825	0.428968	no
XLOC_013167	XLOC_013167	MCM6	chr2:136597195-136634047	NT	MOF	OK	5.64486	2.64811	-2.1316562	-1.092	-1.87857	0.00225	0.0668919	no
XLOC_018461	XLOC_018461	KPNA5	chr6:117002366-117063030	NT	MOF	OK	3.82932	1.79299	-2.1357174	-1.0947	-1.48913	0.013	0.202968	no
XLOC_004402	XLOC_004402	PGM2L1	chr11:74041360-74109502	NT	MOF	OK	6.10849	2.85851	-2.136949	-1.0956	-2.24091	0.00015	0.00902985	yes
XLOC_003545	XLOC_003545	DAGLA	chr11:61447904-61514474	NT	MOF	OK	2.56037	1.19701	-2.1389713	-1.0969	-1.73254	0.00235	0.0685181	no
XLOC_018543	XLOC_018543	UST	chr6:149068270-149398126	NT	MOF	OK	9.96506	4.65767	-2.1394946	-1.0973	-2.21391	0.0002	0.0112558	yes
XLOC_003899	XLOC_003899	CHEK1	chr11:125495030-125550793	NT	MOF	OK	5.90273	2.75555	-2.1421241	-1.099	-1.7472	0.0036	0.088357	no
XLOC_004119	XLOC_004119	LGR4	chr11:27387507-27494334	NT	MOF	OK	4.21483	1.96742	-2.1423133	-1.0992	-1.84451	0.00205	0.0626389	no
XLOC_008899	XLOC_008899	TRIM16L	chr17:18625401-18639431	NT	MOF	OK	2.49223	1.16324	-2.1424899	-1.0993	-1.32038	0.02075	0.268817	no
XLOC_007509	XLOC_007509	MRPL42P5	chr15:40824082-40824749	NT	MOF	OK	0.749728	0.349403	-2.14574	-1.1015	-0.73738	0.24125	0.844166	no
XLOC_007362	XLOC_007362	TM6SF1	chr15:83776323-83806111	NT	MOF	OK	2.56863	1.19536	-2.1488338	-1.1036	-1.28029	0.03125	0.336111	no
XLOC_005553	XLOC_005553	LOC100506844	chr12:58325231-58329947	NT	MOF	OK	4.16536	1.93358	-2.1542217	-1.1072	-1.13086	0.04985	0.440281	no
XLOC_006896	XLOC_006896	ACYP1	chr14:75519927-75530736	NT	MOF	OK	2.95896	1.37314	-2.1548859	-1.1076	-0.971699	0.09095	0.581965	no
XLOC_023772	XLOC_023772	FANCB	chrX:14861528-14891184	NT	MOF	OK	0.88491	0.409407	-2.1614433	-1.112	-1.13825	0.0394	0.381392	no

XLOC_012222	XLOC_012222	GMCL1	chr2:70056817-70106727	NT	MOF	OK	6.08234	2.80889	-2.1653892	-1.1146	-1.76573	0.0017	0.054418	no
XLOC_018680	XLOC_018680	HIST1H2AD,HIST	chr6:26197011-26199521	NT	MOF	OK	51.5936	23.8084	-2.1670335	-1.1157	-1.94146	0.0013	0.0445609	yes
XLOC_006915	XLOC_006915	CEP128	chr14:80962820-81405884	NT	MOF	OK	0.855629	0.394804	-2.1672247	-1.1159	-1.259	0.03495	0.357686	no
XLOC_010613	XLOC_010613	RNASEH2A	chr19:12917427-12924462	NT	MOF	OK	8.53267	3.9339	-2.1690104	-1.117	-1.55608	0.0065	0.132185	no
XLOC_011368	XLOC_011368	PEX11G	chr19:7541755-7553924	NT	MOF	OK	1.39374	0.642514	-2.1691979	-1.1172	-0.926204	0.09655	0.597879	no
XLOC_018054	XLOC_018054	EDN1	chr6:12290528-12297427	NT	MOF	OK	4.4973	2.07126	-2.171287	-1.1186	-1.60391	0.0066	0.133769	no
XLOC_023427	XLOC_023427	GPR173	chrX:53078505-53109796	NT	MOF	OK	1.55107	0.712587	-2.1766746	-1.1221	-1.43055	0.01785	0.245846	no
XLOC_022083	XLOC_022083	LOC100127983	chr8:91803920-91997485	NT	MOF	OK	8.71858	4.00406	-2.1774349	-1.1226	-1.19191	0.0473	0.424577	no
XLOC_023069	XLOC_023069	GOLGA1	chr9:127640572-127703386	NT	MOF	OK	5.48413	2.51332	-2.1820262	-1.1257	-2.09321	0.00055	0.0234331	yes
XLOC_000111	XLOC_000111	PDPN	chr1:13910251-13944452	NT	MOF	OK	0.721276	0.33035	-2.1833692	-1.1266	-0.885787	0.1288	0.675221	no
XLOC_016260	XLOC_016260	PI4K2B	chr4:25235652-25280831	NT	MOF	OK	11.1199	5.06314	-2.1962458	-1.135	-2.26025	0.00015	0.00902985	yes
XLOC_011966	XLOC_011966	IL11	chr19:55875749-55881831	NT	MOF	OK	11.0847	5.04106	-2.1988828	-1.1368	-1.70813	0.00275	0.0759703	no
XLOC_017257	XLOC_017257	CAMK4	chr5:110559946-110820748	NT	MOF	OK	2.04694	0.930228	-2.2004713	-1.1378	-1.29091	0.03235	0.343063	no
XLOC_007388	XLOC_007388	FANCI	chr15:89787193-89878026	NT	MOF	OK	4.42274	2.00919	-2.2012552	-1.1383	-0.862073	0.18275	0.77725	no
XLOC_012948	XLOC_012948	C1D	chr2:68269331-68290159	NT	MOF	OK	9.89837	4.49329	-2.2029226	-1.1394	-1.65352	0.0065	0.132185	no
XLOC_007111	XLOC_007111	ARHGAP11B	chr15:30918878-30931013	NT	MOF	OK	0.96541	0.437538	-2.2064598	-1.1417	-0.851528	0.16015	0.741322	no
XLOC_011308	XLOC_011308	TBXA2R	chr19:3594503-3606831	NT	MOF	OK	2.04705	0.925376	-2.2121278	-1.1454	-1.39449	0.0179	0.245846	no
XLOC_016781	XLOC_016781	ADAMTS3	chr4:73146685-73434516	NT	MOF	OK	0.805335	0.363946	-2.2127871	-1.1459	-1.38416	0.01745	0.242975	no
XLOC_010258	XLOC_010258	KCNG2	chr18:77623667-77659816	NT	MOF	OK	1.97182	0.89101	-2.2130167	-1.146	-1.09809	0.0599	0.482871	no
XLOC_008032	XLOC_008032	KIF22	chr16:29802033-29816706	NT	MOF	OK	6.28237	2.83643	-2.2148863	-1.1472	-1.75611	0.0028	0.077	no
XLOC_005847	XLOC_005847	RFC3	chr13:34392205-34540695	NT	MOF	OK	2.81044	1.26839	-2.2157538	-1.1478	-1.48525	0.0106	0.181929	no
XLOC_023528	XLOC_023528	ARMCX4	chrX:100673250-100790975	NT	MOF	OK	2.27751	1.02603	-2.2197304	-1.1504	-1.81653	0.0021	0.063525	no
XLOC_017716	XLOC_017716	DHFR	chr5:79922044-80172634	NT	MOF	OK	3.62888	1.63442	-2.2202861	-1.1507	-1.07605	0.0674	0.504666	no
XLOC_010501	XLOC_010501	TNFAIP8L1	chr19:4639526-4655580	NT	MOF	OK	0.85873	0.386355	-2.222645	-1.1523	-1.24785	0.0272	0.314646	no
XLOC_021170	XLOC_021170	PON2	chr7:95034173-95064384	NT	MOF	OK	33.8603	15.1552	-2.2342364	-1.1598	-2.39562	5.00E-05	0.00368902	yes
XLOC_012803	XLOC_012803	TTC32	chr2:20096513-20101744	NT	MOF	OK	1.4614	0.654034	-2.2344404	-1.1599	-0.950614	0.1235	0.665042	no
XLOC_007146	XLOC_007146	RAD51	chr15:40987326-41024356	NT	MOF	OK	1.57214	0.702983	-2.2363841	-1.1612	-1.22248	0.0247	0.297087	no
XLOC_015762	XLOC_015762	MUSTN1,TMEM1	chr3:52867130-52931597	NT	MOF	OK	7.1856	3.20758	-2.2401935	-1.1636	-1.72967	0.00405	0.0957129	no
XLOC_013518	XLOC_013518	MCM8	chr20:5931297-5975831	NT	MOF	OK	2.6749	1.19203	-2.2439871	-1.1661	-1.64187	0.0062	0.128239	no
XLOC_022935	XLOC_022935	ECM2	chr9:95059639-95432547	NT	MOF	OK	0.993407	0.442091	-2.2470645	-1.168	-0.448652	0.5409	0.999021	no
XLOC_015113	XLOC_015113	SEMA3B	chr3:50305039-50314572	NT	MOF	OK	8.93766	3.97549	-2.2481908	-1.1688	-2.19611	0.0002	0.0112558	yes
XLOC_021199	XLOC_021199	MCM7	chr7:99690403-99723128	NT	MOF	OK	13.0166	5.7892	-2.2484281	-1.1689	-1.09716	0.08045	0.553123	no
XLOC_019177	XLOC_019177	LINC00473	chr6:166337535-166403103	NT	MOF	OK	1.32894	0.589754	-2.2533802	-1.1721	-0.784967	0.22285	0.827875	no
XLOC_000766	XLOC_000766	SYT11	chr1:155829259-155854990	NT	MOF	OK	23.9168	10.6058	-2.255068	-1.1732	-2.35017	0.0002	0.0112558	yes
XLOC_004865	XLOC_004865	ESPL1	chr12:53662082-53687427	NT	MOF	OK	1.30983	0.579731	-2.2593755	-1.1759	-1.58062	0.0088	0.16207	no
XLOC_015310	XLOC_015310	MCM2	chr3:127317199-127341278	NT	MOF	OK	4.07427	1.80164	-2.2614229	-1.1772	-1.84695	0.00115	0.0411686	yes
XLOC_010194	XLOC_010194	LIPG	chr18:47088426-47119278	NT	MOF	OK	1.43484	0.633968	-2.2632688	-1.1784	-1.18383	0.04655	0.42034	no
XLOC_022730	XLOC_022730	PSIP1	chr9:15464064-15511003	NT	MOF	OK	18.5952	8.21079	-2.2647273	-1.1793	-2.31756	5.00E-05	0.00368902	yes
XLOC_000502	XLOC_000502	CDC7	chr1:91966403-91991321	NT	MOF	OK	1.07721	0.474987	-2.2678726	-1.1813	-1.3059	0.02445	0.296141	no
XLOC_009756	XLOC_009756	BRCA1	chr17:41196311-41277500	NT	MOF	OK	1.34126	0.590458	-2.2715587	-1.1837	-1.41906	0.0147	0.218782	no
XLOC_004537	XLOC_004537	CADM1	chr11:115044344-115375241	NT	MOF	OK	8.44015	3.71496	-2.2719356	-1.1839	-2.03365	0.00045	0.0205472	yes
XLOC_019088	XLOC_019088	SLC18B1	chr6:133090506-133119747	NT	MOF	OK	3.43026	1.50945	-2.2725231	-1.1843	-1.6304	0.00755	0.146168	no

XLOC_020382	XLOC_020382	ITGB8	chr7:20370724-20455382	NT	MOF	OK	11.4346	5.02977	-2.2733843	-1.1849	-2.34391	0.00015	0.00902985	yes
XLOC_021519	XLOC_021519	CDCA2	chr8:25316512-25365425	NT	MOF	OK	3.42688	1.50624	-2.2751222	-1.1859	-1.81937	0.00195	0.0601913	no
XLOC_009933	XLOC_009933	ABCA8	chr17:66863430-66951533	NT	MOF	OK	3.93829	1.72967	-2.2769025	-1.1871	-2.12263	0.00025	0.0132096	yes
XLOC_016598	XLOC_016598	TLR3	chr4:186990308-187006252	NT	MOF	OK	1.72503	0.756698	-2.2796809	-1.1888	-1.43083	0.01335	0.206303	no
XLOC_023628	XLOC_023628	PHF6	chrX:133507341-133562822	NT	MOF	OK	10.0194	4.39259	-2.2809777	-1.1897	-2.26319	0.00015	0.00902985	yes
XLOC_002473	XLOC_002473	ZNF365	chr10:64133915-64431771	NT	MOF	OK	3.20233	1.4034	-2.281837	-1.1902	-1.67286	0.00265	0.0738825	no
XLOC_003622	XLOC_003622	KAT5	chr11:65479472-65488409	NT	MOF	OK	10.6818	4.66844	-2.2880877	-1.1942	-1.61408	0.01175	0.191611	no
XLOC_005371	XLOC_005371	DENND5B	chr12:31535156-31768285	NT	MOF	OK	3.18494	1.39177	-2.2884097	-1.1944	-2.20218	0.00025	0.0132096	yes
XLOC_021380	XLOC_021380	EZH2	chr7:148504463-148581441	NT	MOF	OK	3.26528	1.42684	-2.2884696	-1.1944	-1.63862	0.0047	0.106299	no
XLOC_017734	XLOC_017734	LYSMD3	chr5:89811444-89825401	NT	MOF	OK	11.2279	4.89041	-2.2959016	-1.1991	-2.45921	5.00E-05	0.00368902	yes
XLOC_010320	XLOC_010320	B4GALT6	chr18:29202208-29264686	NT	MOF	OK	0.739517	0.322066	-2.296166	-1.1992	-1.33139	0.0266	0.309779	no
XLOC_004566	XLOC_004566	HYOU1	chr11:118914895-118927925	NT	MOF	OK	55.2924	24.0486	-2.2991941	-1.2011	-2.68147	5.00E-05	0.00368902	yes
XLOC_012038	XLOC_012038	ID2	chr2:8822112-8824583	NT	MOF	OK	59.204	25.7233	-2.3015709	-1.2026	-2.45615	5.00E-05	0.00368902	yes
XLOC_019144	XLOC_019144	FBXO5	chr6:153291657-153304740	NT	MOF	OK	4.71106	2.04635	-2.302177	-1.203	-1.78639	0.00235	0.0685181	no
XLOC_018955	XLOC_018955	MB21D1	chr6:74134855-74162043	NT	MOF	OK	2.59509	1.12706	-2.3025305	-1.2032	-1.38477	0.0245	0.296154	no
XLOC_017265	XLOC_017265	DCP2	chr5:112312406-112824527	NT	MOF	OK	4.23184	1.83426	-2.3071102	-1.2061	-1.44839	0.0179	0.245846	no
XLOC_015009	XLOC_015009	GOLGA4	chr3:37284681-37408370	NT	MOF	OK	30.0791	13.0286	-2.3086978	-1.2071	-2.68295	5.00E-05	0.00368902	yes
XLOC_007429	XLOC_007429	MEF2A	chr15:100106132-100256629	NT	MOF	OK	17.4028	7.53558	-2.3094175	-1.2075	-2.39817	5.00E-05	0.00368902	yes
XLOC_016974	XLOC_016974	FAM198B	chr4:159045731-159094202	NT	MOF	OK	13.4618	5.8207	-2.3127459	-1.2096	-2.36722	5.00E-05	0.00368902	yes
XLOC_015660	XLOC_015660	LZTFL1	chr3:45864809-45957216	NT	MOF	OK	2.7472	1.18413	-2.3200155	-1.2141	-1.77693	0.0029	0.0786771	no
XLOC_018615	XLOC_018615	SERPINB9	chr6:2887499-2903546	NT	MOF	OK	4.26881	1.83894	-2.3213427	-1.215	-1.80332	0.0033	0.0838866	no
XLOC_016911	XLOC_016911	NDNF	chr4:121956781-121993673	NT	MOF	OK	1.37501	0.592088	-2.3223068	-1.2156	-1.35661	0.0233	0.287978	no
XLOC_016985	XLOC_016985	TRIM61	chr4:165875597-165898818	NT	MOF	OK	1.05497	0.454094	-2.3232414	-1.2161	-0.932772	0.1607	0.742164	no
XLOC_003813	XLOC_003813	DIXDC1	chr11:111797867-111893307	NT	MOF	OK	13.6013	5.85425	-2.3233207	-1.2162	-2.52373	5.00E-05	0.00368902	yes
XLOC_000643	XLOC_000643	ANKRD35	chr1:145549208-145568526	NT	MOF	OK	1.98848	0.851264	-2.3359146	-1.224	-1.58774	0.00525	0.116346	no
XLOC_018406	XLOC_018406	PM20D2	chr6:89855768-89875288	NT	MOF	OK	1.401	0.597895	-2.3432208	-1.2285	-1.5238	0.01175	0.191611	no
XLOC_003878	XLOC_003878	GRAMD1B	chr11:123396527-123493518	NT	MOF	OK	0.906248	0.386109	-2.34713	-1.2309	-1.0998	0.0635	0.49539	no
XLOC_018100	XLOC_018100	HIST1H2AE	chr6:26217147-26217711	NT	MOF	OK	42.7844	18.1833	-2.3529502	-1.2345	-1.97172	0.0008	0.0310256	yes
XLOC_002594	XLOC_002594	HHEX	chr10:94449680-94455408	NT	MOF	OK	11.9121	5.0594	-2.3544491	-1.2354	-2.06788	0.00055	0.0234331	yes
XLOC_016702	XLOC_016702	RELL1	chr4:37455551-37687999	NT	MOF	OK	15.1814	6.44435	-2.355769	-1.2362	-2.5499	5.00E-05	0.00368902	yes
XLOC_019156	XLOC_019156	EZR	chr6:159186772-159240456	NT	MOF	OK	47.8332	20.3024	-2.3560367	-1.2364	-2.77011	5.00E-05	0.00368902	yes
XLOC_012403	XLOC_012403	TMEM37	chr2:120189445-120196096	NT	MOF	OK	0.77051	0.326755	-2.3580664	-1.2376	-1.00197	0.0891	0.577603	no
XLOC_003398	XLOC_003398	CD44	chr11:35160416-35253949	NT	MOF	OK	614.604	260.366	-2.3605386	-1.2391	-2.16023	0.0005	0.0219203	yes
XLOC_013069	XLOC_013069	AFF3	chr2:100163715-100759037	NT	MOF	OK	0.728398	0.308312	-2.3625354	-1.2403	-1.53237	0.00965	0.170709	no
XLOC_023535	XLOC_023535	GPRASP1	chrX:101854095-101972661	NT	MOF	OK	0.837072	0.35372	-2.366482	-1.2427	-0.736554	0.2065	0.804977	no
XLOC_010308	XLOC_010308	OSBPL1A	chr18:21742010-21977833	NT	MOF	OK	16.9855	7.1725	-2.3681422	-1.2438	-2.56215	5.00E-05	0.00368902	yes
XLOC_001981	XLOC_001981	OLFML2B	chr1:161952981-161993644	NT	MOF	OK	2.32896	0.980278	-2.3758158	-1.2484	-1.60603	0.0103	0.178298	no
XLOC_002048	XLOC_002048	SEC16B	chr1:177898241-177939050	NT	MOF	OK	1.4761	0.620498	-2.3788957	-1.2503	-1.57611	0.0099	0.173357	no
XLOC_001663	XLOC_001663	F3	chr1:94994731-95007413	NT	MOF	OK	167.777	70.4094	-2.3828779	-1.2527	-2.61777	5.00E-05	0.00368902	yes
XLOC_006700	XLOC_006700	SALL2	chr14:21989231-22005337	NT	MOF	OK	1.71818	0.720472	-2.3847977	-1.2539	-1.67402	0.003	0.079956	no
XLOC_001099	XLOC_001099	GALNT2	chr1:230202955-230417875	NT	MOF	OK	127.464	53.3937	-2.3872479	-1.2553	-2.78986	5.00E-05	0.00368902	yes
XLOC_021582	XLOC_021582	MCM4	chr8:48872762-48890719	NT	MOF	OK	7.59543	3.17628	-2.3912974	-1.2578	-2.45212	5.00E-05	0.00368902	yes

XLOC_013348	XLOC_013348	PECR	chr2:216903110-216946539	NT	MOF	OK	1.45871	0.609991	-2.3913632	-1.2578	-1.24735	0.0396	0.383022	no
XLOC_005440	XLOC_005440	RACGAP1	chr12:50382944-50419307	NT	MOF	OK	8.0276	3.35615	-2.3919074	-1.2582	-2.18027	0.00025	0.0132096	yes
XLOC_014186	XLOC_014186	ABCG1	chr21:43619798-43717354	NT	MOF	OK	2.93486	1.2264	-2.3930691	-1.2589	-1.67654	0.0037	0.0900805	no
XLOC_016324	XLOC_016324	KIAA1211	chr4:57036360-57196890	NT	MOF	OK	1.42036	0.59319	-2.3944436	-1.2597	-1.67948	0.00355	0.0878425	no
XLOC_006049	XLOC_006049	SLC46A3	chr13:29274217-29293150	NT	MOF	OK	1.05771	0.441494	-2.3957517	-1.2605	-1.36197	0.0204	0.266278	no
XLOC_010090	XLOC_010090	TYMS	chr18:596997-712662	NT	MOF	OK	18.8872	7.87562	-2.3981858	-1.2619	-1.96054	0.001	0.0366667	yes
XLOC_001690	XLOC_001690	PSRC1	chr1:109822175-109825790	NT	MOF	OK	4.35002	1.80846	-2.4053725	-1.2663	-1.72294	0.00255	0.0719231	no
XLOC_017479	XLOC_017479	NEURL1B	chr5:172068275-172118533	NT	MOF	OK	1.50864	0.626813	-2.4068422	-1.2671	-1.80837	0.0019	0.0589487	no
XLOC_000557	XLOC_000557	GPSM2	chr1:109419602-109506111	NT	MOF	OK	6.11427	2.53651	-2.410505	-1.2693	-1.12529	0.06375	0.495742	no
XLOC_022782	XLOC_022782	SMU1	chr9:33041849-33076714	NT	MOF	OK	8.94476	3.70474	-2.4144096	-1.2717	-2.67561	5.00E-05	0.00368902	yes
XLOC_012960	XLOC_012960	LOC100133985	chr2:70351167-70352448	NT	MOF	OK	0.830265	0.34156	-2.4308028	-1.2814	-0.724857	0.2307	0.832033	no
XLOC_005407	XLOC_005407	SENP1	chr12:48436680-48540187	NT	MOF	OK	4.47003	1.83488	-2.436143	-1.2846	-1.09709	0.1083	0.628504	no
XLOC_000388	XLOC_000388	CDKN2C	chr1:51434366-51440309	NT	MOF	OK	6.03851	2.47482	-2.4399795	-1.2869	-1.73526	0.006	0.125823	no
XLOC_015441	XLOC_015441	SKIL	chr3:170075472-170114637	NT	MOF	OK	20.8041	8.51062	-2.444487	-1.2895	-2.73439	5.00E-05	0.00368902	yes
XLOC_022060	XLOC_022060	IMPA1	chr8:82569150-82598589	NT	MOF	OK	4.87657	1.9926	-2.4473402	-1.2912	-2.10213	0.00035	0.017008	yes
XLOC_000455	XLOC_000455	CTH	chr1:70876900-70905534	NT	MOF	OK	1.761	0.718678	-2.4503324	-1.293	-1.33876	0.0216	0.275987	no
XLOC_018126	XLOC_018126	HIST1H3H	chr6:27777841-27778314	NT	MOF	OK	35.5217	14.4795	-2.4532408	-1.2947	-1.76671	0.0039	0.0934455	no
XLOC_023184	XLOC_023184	SAPCD2	chr9:139956578-139965028	NT	MOF	OK	0.745568	0.303319	-2.4580326	-1.2975	-1.3554	0.02215	0.279182	no
XLOC_017054	XLOC_017054	TRIP13	chr5:892968-918164	NT	MOF	OK	6.24873	2.53987	-2.4602558	-1.2988	-2.01619	0.0007	0.0283278	yes
XLOC_011152	XLOC_011152	CACNG7	chr19:54415990-54446969	NT	MOF	OK	1.37778	0.559109	-2.4642422	-1.3011	-1.14377	0.04355	0.404107	no
XLOC_007118	XLOC_007118	SCG5	chr15:32933869-32989298	NT	MOF	OK	9.22836	3.72799	-2.4754251	-1.3077	-1.68495	0.00565	0.121646	no
XLOC_017415	XLOC_017415	ARHGEF37	chr5:148961134-149014527	NT	MOF	OK	0.737915	0.297386	-2.4813374	-1.3111	-1.44193	0.01575	0.227416	no
XLOC_007117	XLOC_007117	ARHGAP11A	chr15:32907690-32931868	NT	MOF	OK	6.95228	2.80065	-2.4823809	-1.3117	-2.37236	5.00E-05	0.00368902	yes
XLOC_007343	XLOC_007343	KIAA1199	chr15:81071711-81243999	NT	MOF	OK	189.759	76.4415	-2.4824081	-1.3117	-2.65383	5.00E-05	0.00368902	yes
XLOC_016535	XLOC_016535	ARFIP1	chr4:153701111-153833063	NT	MOF	OK	10.5089	4.23054	-2.4840564	-1.3127	-2.39488	0.0001	0.00661202	yes
XLOC_009583	XLOC_009583	DHRS13	chr17:27224798-27230089	NT	MOF	OK	0.914473	0.367164	-2.4906391	-1.3165	-1.18315	0.04195	0.395323	no
XLOC_018093	XLOC_018093	HIST1H4C	chr6:26104175-26104565	NT	MOF	OK	101.525	40.7185	-2.4933384	-1.3181	-2.20644	0.0003	0.0149383	yes
XLOC_013320	XLOC_013320	GPR1	chr2:207040041-207082771	NT	MOF	OK	4.61265	1.84795	-2.4960903	-1.3197	-1.80668	0.003	0.079956	no
XLOC_016033	XLOC_016033	IFT80	chr3:159974773-160117320	NT	MOF	OK	8.59112	3.44006	-2.497375	-1.3204	-2.51617	5.00E-05	0.00368902	yes
XLOC_009527	XLOC_009527	RASD1	chr17:17397752-17399709	NT	MOF	OK	1.92118	0.76824	-2.500755	-1.3224	-1.3323	0.0206	0.267734	no
XLOC_018089	XLOC_018089	HIST1H3A	chr6:26020717-26021186	NT	MOF	OK	14.3376	5.73284	-2.5009594	-1.3225	-1.47604	0.01515	0.223011	no
XLOC_020577	XLOC_020577	PHTF2	chr7:77428108-77586821	NT	MOF	OK	20.5108	8.19228	-2.5036742	-1.3241	-2.58585	5.00E-05	0.00368902	yes
XLOC_010414	XLOC_010414	MBP	chr18:74690788-74844774	NT	MOF	OK	2.61817	1.04371	-2.5085225	-1.3268	-1.91053	0.0005	0.0219203	yes
XLOC_010576	XLOC_010576	ATG4D	chr19:10654646-10676702	NT	MOF	OK	9.0326	3.57365	-2.5275559	-1.3377	-1.6081	0.00695	0.138771	no
XLOC_021167	XLOC_021167	SGCE	chr7:94214535-94285521	NT	MOF	OK	21.0716	8.33311	-2.5286598	-1.3384	-2.51256	5.00E-05	0.00368902	yes
XLOC_000259	XLOC_000259	TSSK3	chr1:32827861-32829924	NT	MOF	OK	1.00017	0.395424	-2.5293609	-1.3388	-1.08811	0.06585	0.502387	no
XLOC_016037	XLOC_016037	B3GALNT1	chr3:160801670-160823160	NT	MOF	OK	2.23133	0.881696	-2.5307249	-1.3396	-1.72545	0.00335	0.0844479	no
XLOC_008480	XLOC_008480	IL21R-AS1	chr16:27413482-27464714	NT	MOF	OK	0.840712	0.332161	-2.5310377	-1.3397	-0.806682	0.1893	0.784183	no
XLOC_022580	XLOC_022580	DNM1	chr9:130928343-131017527	NT	MOF	OK	5.96109	2.35445	-2.5318397	-1.3402	-0.631952	0.41375	0.958788	no
XLOC_009891	XLOC_009891	BRIP1	chr17:59756546-59940920	NT	MOF	OK	1.61206	0.636141	-2.5341237	-1.3415	-2.0708	0.0005	0.0219203	yes
XLOC_007271	XLOC_007271	GLCE	chr15:69116302-69564544	NT	MOF	OK	18.1094	7.13661	-2.5375353	-1.3434	-2.83058	5.00E-05	0.00368902	yes
XLOC_021184	XLOC_021184	TMEM130	chr7:98444110-98467673	NT	MOF	OK	4.06232	1.5997	-2.5394261	-1.3445	-1.7241	0.00275	0.0759703	no

XLOC_002644	XLOC_002644	SEMA4G	chr10:102732285-102747272	NT	MOF	OK	0.844104	0.332307	-2.5401331	-1.3449	-0.69219	0.29795	0.896447	no
XLOC_005641	XLOC_005641	TMPO-AS1	chr12:98906750-98944157	NT	MOF	OK	0.911499	0.356194	-2.5589959	-1.3556	-0.653775	0.48745	0.989872	no
XLOC_000869	XLOC_000869	C1orf112	chr1:169764549-169863100	NT	MOF	OK	1.09046	0.426071	-2.5593387	-1.3558	-1.00198	0.09905	0.605	no
XLOC_004650	XLOC_004650	LOC100507424	chr12:2945981-2998691	NT	MOF	OK	1.51822	0.591688	-2.5659131	-1.3595	-0.369786	0.5779	0.999021	no
XLOC_018117	XLOC_018117	HIST1H4I	chr6:27106071-27114637	NT	MOF	OK	11.4298	4.45042	-2.568252	-1.3608	-0.335178	0.5255	0.999021	no
XLOC_023525	XLOC_023525	CENPI	chrX:100354797-100417978	NT	MOF	OK	1.765	0.687029	-2.5690327	-1.3612	-1.53481	0.014	0.212814	no
XLOC_001679	XLOC_001679	COL11A1	chr1:103342022-103574052	NT	MOF	OK	3.23185	1.25587	-2.5733953	-1.3637	-2.37875	0.00015	0.00902985	yes
XLOC_001514	XLOC_001514	TESK2	chr1:45794913-45956840	NT	MOF	OK	1.06499	0.413614	-2.5748403	-1.3645	-0.866249	0.13745	0.692688	no
XLOC_018701	XLOC_018701	HIST1H3I	chr6:27839622-27840099	NT	MOF	OK	35.0978	13.5984	-2.5810242	-1.3679	-1.88044	0.0017	0.054418	no
XLOC_011427	XLOC_011427	SPC24	chr19:11257830-11266484	NT	MOF	OK	4.56888	1.76797	-2.584252	-1.3698	-1.28045	0.03595	0.363708	no
XLOC_004494	XLOC_004494	PDGFD	chr11:103777913-104035027	NT	MOF	OK	4.36532	1.68775	-2.5864731	-1.371	-2.01854	0.0012	0.0422093	yes
XLOC_004450	XLOC_004450	NOX4	chr11:89057521-89322779	NT	MOF	OK	0.81267	0.313441	-2.5927368	-1.3745	-1.34305	0.01075	0.183204	no
XLOC_022529	XLOC_022529	CNTRL	chr9:123850573-123939886	NT	MOF	OK	0.905303	0.349117	-2.5931221	-1.3747	-1.76672	0.00535	0.1177	no
XLOC_001495	XLOC_001495	LEPRE1	chr1:43212005-43232755	NT	MOF	OK	68.5034	26.3964	-2.5951796	-1.3758	-3.08105	5.00E-05	0.00368902	yes
XLOC_017160	XLOC_017160	CENPH	chr5:68485374-68506184	NT	MOF	OK	3.44061	1.32508	-2.59653	-1.3766	-1.55952	0.01345	0.207055	no
XLOC_013884	XLOC_013884	NAPB	chr20:23355155-23402156	NT	MOF	OK	3.62228	1.38831	-2.6091291	-1.3836	-2.14922	0.00025	0.0132096	yes
XLOC_006207	XLOC_006207	KDEL1	chr13:103436630-103528351	NT	MOF	OK	11.9519	4.57692	-2.6113413	-1.3848	-0.986991	0.1058	0.621137	no
XLOC_013973	XLOC_013973	JPH2	chr20:42740336-42816218	NT	MOF	OK	1.29838	0.49707	-2.6120667	-1.3852	-1.6138	0.00505	0.11274	no
XLOC_018101	XLOC_018101	HIST1H3E	chr6:26225382-26225844	NT	MOF	OK	9.60461	3.66987	-2.6171527	-1.388	-1.35701	0.02655	0.309779	no
XLOC_022245	XLOC_022245	RECQL4	chr8:145736666-145743210	NT	MOF	OK	2.28643	0.869958	-2.6282073	-1.3941	-1.89141	0.00165	0.0535255	no
XLOC_017484	XLOC_017484	CREBRF	chr5:172483354-172566291	NT	MOF	OK	5.83285	2.21488	-2.6334835	-1.397	-2.50827	0.00015	0.00902985	yes
XLOC_018674	XLOC_018674	HIST1H2AB	chr6:26033319-26033796	NT	MOF	OK	12.0562	4.57485	-2.6353214	-1.398	-1.49167	0.0133	0.206056	no
XLOC_004120	XLOC_004120	LIN7C	chr11:27515964-27528326	NT	MOF	OK	31.1902	11.8274	-2.6371138	-1.399	-3.05374	5.00E-05	0.00368902	yes
XLOC_017320	XLOC_017320	UBE2B	chr5:133706869-133727799	NT	MOF	OK	18.8713	7.1457	-2.6409309	-1.4011	-2.81625	5.00E-05	0.00368902	yes
XLOC_001398	XLOC_001398	SNORA16A	chr1:28879528-28908366	NT	MOF	OK	42.0708	15.9269	-2.6414933	-1.4014	-5.03709	0.53875	0.999021	no
XLOC_015680	XLOC_015680	CDC25A	chr3:48198667-48229801	NT	MOF	OK	2.11974	0.802387	-2.6417926	-1.4015	-1.87009	0.0023	0.0677129	no
XLOC_001642	XLOC_001642	GBP2	chr1:89573309-89591799	NT	MOF	OK	11.4828	4.34508	-2.6427131	-1.402	-2.51299	5.00E-05	0.00368902	yes
XLOC_017431	XLOC_017431	GRIA1	chr5:152870083-153193429	NT	MOF	OK	0.741449	0.280317	-2.6450376	-1.4033	-1.43853	0.0062	0.128239	no
XLOC_018102	XLOC_018102	HIST1H4F	chr6:26240653-26241021	NT	MOF	OK	22.3105	8.42594	-2.6478351	-1.4048	-1.45486	0.01775	0.245738	no
XLOC_002895	XLOC_002895	CXCL12	chr10:44865604-44880545	NT	MOF	OK	75.7362	28.5654	-2.6513264	-1.4067	-2.71228	5.00E-05	0.00368902	yes
XLOC_004127	XLOC_004127	IMMP1L	chr11:31391376-31531169	NT	MOF	OK	1.02732	0.387109	-2.6538262	-1.4081	-0.404807	0.59165	0.999021	no
XLOC_007269	XLOC_007269	NOX5,SPESP1	chr15:69116302-69564544	NT	MOF	OK	1.6873	0.634875	-2.6576885	-1.4102	-0.46911	0.42735	0.966147	no
XLOC_007597	XLOC_007597	MNS1	chr15:56657643-56757335	NT	MOF	OK	0.765797	0.288089	-2.6581959	-1.4105	-0.874301	0.1393	0.697653	no
XLOC_007878	XLOC_007878	C16orf59	chr16:2510114-2514964	NT	MOF	OK	1.28366	0.482706	-2.6592999	-1.4111	-1.31636	0.0347	0.357336	no
XLOC_001793	XLOC_001793	S2A	chr1:149874871-149889434	NT	MOF	OK	5.56026	2.07972	-2.6735618	-1.4188	-2.44906	5.00E-05	0.00368902	yes
XLOC_017436	XLOC_017436	CNOT8	chr5:154238197-154256352	NT	MOF	OK	17.0697	6.37654	-2.6769533	-1.4206	-2.79724	5.00E-05	0.00368902	yes
XLOC_008859	XLOC_008859	MYOCD	chr17:12569206-12670651	NT	MOF	OK	2.8305	1.05404	-2.685382	-1.4251	-1.71091	0.001	0.0366667	yes
XLOC_016454	XLOC_016454	CYP2U1	chr4:108852716-108874613	NT	MOF	OK	6.26027	2.32959	-2.687284	-1.4262	-2.62272	5.00E-05	0.00368902	yes
XLOC_012224	XLOC_012224	MXD1	chr2:70142172-70170076	NT	MOF	OK	6.66048	2.46475	-2.7022944	-1.4342	-2.7133	5.00E-05	0.00368902	yes
XLOC_004570	XLOC_004570	MCAM	chr11:119179233-119187840	NT	MOF	OK	3.00014	1.10818	-2.7072678	-1.4368	-2.00284	0.00075	0.0295603	yes
XLOC_007604	XLOC_007604	MYO1E	chr15:59428167-59665071	NT	MOF	OK	12.5358	4.62965	-2.7077209	-1.4371	-2.84164	5.00E-05	0.00368902	yes
XLOC_023434	XLOC_023434	TRO	chrX:54946995-54957866	NT	MOF	OK	5.19084	1.91386	-2.712236	-1.4395	-2.07126	0.00025	0.0132096	yes

XLOC_018960	XLOC_018960	TMEM30A	chr6:75962637-75994632	NT	MOF	OK	114.36	42.1459	-2.7134312	-1.4401	-3.22311	5.00E-05	0.00368902	yes
XLOC_007217	XLOC_007217	MAPK6	chr15:52311410-52358462	NT	MOF	OK	27.55	10.147	-2.7150882	-1.441	-3.15302	5.00E-05	0.00368902	yes
XLOC_003547	XLOC_003547	FEN1	chr11:61560108-61564714	NT	MOF	OK	8.17778	3.00036	-2.7255996	-1.4466	-2.27825	0.0002	0.0112558	yes
XLOC_021687	XLOC_021687	MATN2	chr8:98881310-99048946	NT	MOF	OK	11.1734	4.09031	-2.7316756	-1.4498	-2.63503	5.00E-05	0.00368902	yes
XLOC_012577	XLOC_012577	SGOL2	chr2:201390864-201448818	NT	MOF	OK	3.67105	1.34122	-2.7370976	-1.4526	-2.23711	0.00035	0.017008	yes
XLOC_014144	XLOC_014144	IFNAR1	chr21:34697213-34732128	NT	MOF	OK	13.1321	4.79265	-2.7400499	-1.4542	-3.11394	5.00E-05	0.00368902	yes
XLOC_003947	XLOC_003947	CEND1	chr11:787109-790126	NT	MOF	OK	5.71719	2.08398	-2.7433996	-1.456	-1.829	0.0019	0.0589487	no
XLOC_012470	XLOC_012470	ARL6IP6	chr2:153574406-153617767	NT	MOF	OK	6.06381	2.20918	-2.7448239	-1.4567	-2.25566	0.0005	0.0219203	yes
XLOC_001552	XLOC_001552	SLC1A7	chr1:53552854-53608289	NT	MOF	OK	0.968915	0.35096	-2.7607562	-1.4651	-1.31953	0.03485	0.357686	no
XLOC_014385	XLOC_014385	C21orf58	chr21:47721046-47743785	NT	MOF	OK	1.30113	0.470449	-2.7657196	-1.4677	-1.61778	0.0077	0.148124	no
XLOC_014369	XLOC_014369	SUMO3	chr21:46225531-46238044	NT	MOF	OK	43.9181	15.8785	-2.7658847	-1.4677	-3.09478	5.00E-05	0.00368902	yes
XLOC_021420	XLOC_021420	NCAPG2	chr7:158424002-158497520	NT	MOF	OK	5.95727	2.15185	-2.7684411	-1.4691	-2.51403	0.0001	0.00661202	yes
XLOC_003896	XLOC_003896	PKNOX2	chr11:125034558-125303285	NT	MOF	OK	2.23456	0.804813	-2.7764959	-1.4733	-1.64992	0.00625	0.128833	no
XLOC_008085	XLOC_008085	ORC6	chr16:46723557-46732306	NT	MOF	OK	3.91386	1.40864	-2.7784672	-1.4743	-1.83075	0.00275	0.0759703	no
XLOC_005654	XLOC_005654	IGF1	chr12:102789644-102874378	NT	MOF	OK	2.28853	0.822643	-2.7819236	-1.4761	-1.04038	0.03535	0.359743	no
XLOC_001533	XLOC_001533	STIL	chr1:47715810-47779819	NT	MOF	OK	2.32976	0.836924	-2.7837175	-1.477	-2.20156	0.0005	0.0219203	yes
XLOC_005454	XLOC_005454	KRT80	chr12:52562779-52585784	NT	MOF	OK	1.57191	0.563528	-2.7894089	-1.48	-1.8072	0.00375	0.0903884	no
XLOC_017452	XLOC_017452	PTTG1	chr5:159848864-159855746	NT	MOF	OK	17.5124	6.27596	-2.7903938	-1.4805	-2.01874	0.00125	0.0434626	yes
XLOC_002206	XLOC_002206	LBR	chr1:225589203-225616557	NT	MOF	OK	8.43229	3.01453	-2.7972155	-1.484	-2.78784	5.00E-05	0.00368902	yes
XLOC_009971	XLOC_009971	H3F3B	chr17:73772514-73775860	NT	MOF	OK	115.104	41.0963	-2.8008361	-1.4859	-3.35579	5.00E-05	0.00368902	yes
XLOC_014037	XLOC_014037	AURKA	chr20:54944444-54967351	NT	MOF	OK	12.9179	4.59602	-2.810671	-1.4909	-2.59403	5.00E-05	0.00368902	yes
XLOC_006792	XLOC_006792	POLE2	chr14:50110269-50155098	NT	MOF	OK	0.900255	0.319534	-2.8173997	-1.4944	-1.23354	0.01955	0.260237	no
XLOC_008836	XLOC_008836	SCARNA21	chr17:7788122-7816075	NT	MOF	OK	95.4911	33.8296	-2.8227085	-1.4971	-0.097654	0.43745	0.970151	no
XLOC_004789	XLOC_004789	DDX11	chr12:31173696-31257725	NT	MOF	OK	1.55165	0.549311	-2.8247204	-1.4981	-1.68126	0.00605	0.126434	no
XLOC_016998	XLOC_016998	HMGB2	chr4:174252526-174255595	NT	MOF	OK	19.2783	6.79132	-2.8386676	-1.5052	-2.62873	5.00E-05	0.00368902	yes
XLOC_007391	XLOC_007391	TICRR	chr15:90118817-90198682	NT	MOF	OK	0.853796	0.299966	-2.8463092	-1.5091	-0.85757	0.1333	0.684025	no
XLOC_005920	XLOC_005920	DIAPH3-AS1	chr13:60239720-60738119	NT	MOF	OK	1.05608	0.369854	-2.855397	-1.5137	-0.2353	0.3064	0.902712	no
XLOC_012439	XLOC_012439	CCDC74A	chr2:132202795-132360468	NT	MOF	OK	2.28777	0.796963	-2.8706101	-1.5214	-0.697845	0.2785	0.885853	no
XLOC_014293	XLOC_014293	SNORA80	chr21:33664123-33765312	NT	MOF	OK	93.9503	32.5956	-2.8823001	-1.5272	-0.265986	0.4521	0.975639	no
XLOC_016007	XLOC_016007	GPR87	chr3:150804675-151176497	NT	MOF	OK	0.901043	0.312434	-2.8839467	-1.5281	-0.405487	0.6172	0.999021	no
XLOC_020477	XLOC_020477	C7orf69	chr7:47814249-47988071	NT	MOF	OK	0.834583	0.288672	-2.8911117	-1.5316	-0.540174	0.3673	0.940201	no
XLOC_011514	XLOC_011514	HAUS8	chr19:17160570-17186343	NT	MOF	OK	2.73432	0.94542	-2.8921749	-1.5322	-1.63182	0.0078	0.148864	no
XLOC_012805	XLOC_012805	MATN3	chr2:20191812-20212455	NT	MOF	OK	1.4151	0.487976	-2.8999377	-1.536	-1.64678	0.00655	0.132978	no
XLOC_013917	XLOC_013917	TSPY26P	chr20:30776948-30778163	NT	MOF	OK	1.23145	0.422402	-2.9153508	-1.5437	-1.30347	0.02965	0.329395	no
XLOC_018118	XLOC_018118	HIST1H2AH	chr6:27114860-27115341	NT	MOF	OK	35.7822	12.1971	-2.9336646	-1.5527	-2.12554	0.00025	0.0132096	yes
XLOC_017449	XLOC_017449	ADRA1B	chr5:159343739-159400017	NT	MOF	OK	1.34199	0.455438	-2.9465921	-1.5591	-1.62641	0.00635	0.13045	no
XLOC_021576	XLOC_021576	SGK196	chr8:42948656-42978323	NT	MOF	OK	11.5105	3.89748	-2.9533186	-1.5623	-2.41519	0.0001	0.00661202	yes
XLOC_018573	XLOC_018573	TMEM181	chr6:158957467-159056467	NT	MOF	OK	18.0928	6.11054	-2.9609167	-1.5661	-3.40796	5.00E-05	0.00368902	yes
XLOC_022262	XLOC_022262	VLDLR	chr9:2535654-2654485	NT	MOF	OK	11.6582	3.93594	-2.9619862	-1.5666	-2.98448	5.00E-05	0.00368902	yes
XLOC_005438	XLOC_005438	FAIM2	chr12:50260678-50297760	NT	MOF	OK	2.30135	0.773622	-2.9747732	-1.5728	-1.76959	0.0035	0.0871399	no
XLOC_022883	XLOC_022883	ALDH1A1	chr9:75515577-75568233	NT	MOF	OK	20.4077	6.81223	-2.9957444	-1.5829	-2.87441	5.00E-05	0.00368902	yes
XLOC_012587	XLOC_012587	CDK15	chr2:202671151-202760273	NT	MOF	OK	3.57514	1.19304	-2.996664	-1.5834	-2.12593	0.00065	0.0267517	yes

XLOC_001785	XLOC_001785	HIST2H2BF	chr1:149754244-149783928	NT	MOF	OK	39.6643	13.2041	-3.0039382	-1.5869	-2.25324	0.00025	0.0132096	yes
XLOC_012724	XLOC_012724	CXCR7	chr2:237478379-237490994	NT	MOF	OK	0.771234	0.255094	-3.0233326	-1.5961	-1.37875	0.02135	0.27366	no
XLOC_009197	XLOC_009197	PRR11	chr17:57232859-57284070	NT	MOF	OK	4.66903	1.54373	-3.0245121	-1.5967	-2.83163	5.00E-05	0.00368902	yes
XLOC_006161	XLOC_006161	EDNRB	chr13:78469615-78549674	NT	MOF	OK	2.30049	0.756622	-3.0404746	-1.6043	-1.54286	0.00365	0.0892222	no
XLOC_023540	XLOC_023540	TCEAL7	chrX:102585113-102587251	NT	MOF	OK	5.42644	1.78346	-3.0426474	-1.6053	-1.83557	0.00315	0.0819677	no
XLOC_013926	XLOC_013926	E2F1	chr20:32263291-32274210	NT	MOF	OK	3.78026	1.23706	-3.0558421	-1.6116	-2.19073	0.00055	0.0234331	yes
XLOC_002112	XLOC_002112	UBE2T	chr1:202300784-202311094	NT	MOF	OK	5.47736	1.77845	-3.0798504	-1.6229	-1.78406	0.0034	0.0848247	no
XLOC_002943	XLOC_002943	ZWINT	chr10:58117198-58121034	NT	MOF	OK	8.24612	2.67482	-3.0828691	-1.6243	-2.3764	0.00045	0.0205472	yes
XLOC_022019	XLOC_022019	MYBL1	chr8:67474409-67525480	NT	MOF	OK	8.8525	2.86373	-3.0912481	-1.6282	-2.84049	5.00E-05	0.00368902	yes
XLOC_024323	XLOC_024323	TTY14	chrY:21094584-21239302	NT	MOF	OK	1.90335	0.61509	-3.0944252	-1.6297	-0.991298	0.30285	0.90059	no
XLOC_015392	XLOC_015392	LOC646903	chr3:149689065-149691029	NT	MOF	OK	0.859754	0.274964	-3.1267875	-1.6447	-1.38089	0.0214	0.274011	no
XLOC_013568	XLOC_013568	GIN51	chr20:25388322-25429191	NT	MOF	OK	1.5247	0.486107	-3.1365522	-1.6492	-1.8442	0.00355	0.0878425	no
XLOC_016930	XLOC_016930	SLC7A11	chr4:138948576-139163503	NT	MOF	OK	24.3094	7.73134	-3.1442674	-1.6527	-3.64806	5.00E-05	0.00368902	yes
XLOC_000528	XLOC_000528	LPPR4	chr1:99729847-99775138	NT	MOF	OK	1.85298	0.585195	-3.1664317	-1.6629	-2.29357	0.00035	0.017008	yes
XLOC_016909	XLOC_016909	MAD2L1	chr4:120980578-120988013	NT	MOF	OK	4.59899	1.45238	-3.1665198	-1.6629	-2.01991	0.0009	0.0342453	yes
XLOC_003732	XLOC_003732	C11orf82	chr11:82612736-82645699	NT	MOF	OK	1.21703	0.383463	-3.1737873	-1.6662	-1.83349	0.0031	0.0815435	no
XLOC_007273	XLOC_007273	KIF23	chr15:69706626-69740764	NT	MOF	OK	10.2585	3.22063	-3.1852464	-1.6714	-2.97299	5.00E-05	0.00368902	yes
XLOC_012903	XLOC_012903	CALM2	chr2:47387220-47403740	NT	MOF	OK	539.744	169.209	-3.1898067	-1.6735	-3.60024	5.00E-05	0.00368902	yes
XLOC_020953	XLOC_020953	CDCA7L	chr7:21582832-21985542	NT	MOF	OK	5.62281	1.76162	-3.1918405	-1.6744	-2.43815	5.00E-05	0.00368902	yes
XLOC_016916	XLOC_016916	CCNA2	chr4:122722471-122745088	NT	MOF	OK	7.29066	2.27062	-3.2108675	-1.683	-1.82159	0.00445	0.102367	no
XLOC_013582	XLOC_013582	TPX2	chr20:30326903-30389603	NT	MOF	OK	11.8284	3.65132	-3.239486	-1.6958	-3.1143	5.00E-05	0.00368902	yes
XLOC_014952	XLOC_014952	CAND2	chr3:12838170-12876313	NT	MOF	OK	1.36377	0.420436	-3.2437042	-1.6976	-1.98833	0.00285	0.0774944	no
XLOC_008067	XLOC_008067	KAT8	chr16:31128984-31142714	NT	MOF	OK	7.22806	2.21345	-3.2655176	-1.7073	-2.30738	0.0005	0.0219203	yes
XLOC_000431	XLOC_000431	EFCAB7	chr1:63989012-64038364	NT	MOF	OK	1.22235	0.371699	-3.288548	-1.7175	-1.61206	0.016	0.229112	no
XLOC_013653	XLOC_013653	FAM83D	chr20:37554954-37581703	NT	MOF	OK	5.55562	1.68834	-3.2905813	-1.7184	-2.44355	0.0001	0.00661202	yes
XLOC_007780	XLOC_007780	PRC1	chr15:91509267-91537881	NT	MOF	OK	8.41526	2.5541	-3.2948044	-1.7202	-2.83287	5.00E-05	0.00368902	yes
XLOC_004766	XLOC_004766	GOLT1B	chr12:21654698-21671337	NT	MOF	OK	21.4765	6.48637	-3.3110199	-1.7273	-3.46705	5.00E-05	0.00368902	yes
XLOC_017159	XLOC_017159	CCNB1	chr5:68462836-68474070	NT	MOF	OK	11.0834	3.34452	-3.3138986	-1.7285	-2.84835	5.00E-05	0.00368902	yes
XLOC_005729	XLOC_005729	CIT	chr12:120123594-120315095	NT	MOF	OK	2.72178	0.818722	-3.3244251	-1.7331	-1.10331	0.0046	0.104624	no
XLOC_022472	XLOC_022472	TGFBR1	chr9:101867411-101916473	NT	MOF	OK	16.6857	5.01725	-3.3256665	-1.7337	-3.61041	5.00E-05	0.00368902	yes
XLOC_008284	XLOC_008284	CDT1	chr16:88870185-88875666	NT	MOF	OK	2.99535	0.89564	-3.3443683	-1.7417	-2.19718	0.00065	0.0267517	yes
XLOC_018098	XLOC_018098	HIST1H2BF	chr6:26199786-26200216	NT	MOF	OK	19.7362	5.87274	-3.360646	-1.7487	-1.824	0.006	0.125823	no
XLOC_006920	XLOC_006920	GALC	chr14:88399357-88460009	NT	MOF	OK	7.28629	2.16302	-3.3685726	-1.7521	-3.05183	5.00E-05	0.00368902	yes
XLOC_021704	XLOC_021704	FZD6	chr8:104310660-104345094	NT	MOF	OK	23.5357	6.89792	-3.4119996	-1.7706	-3.47827	5.00E-05	0.00368902	yes
XLOC_012285	XLOC_012285	RMND5A	chr2:86730552-87005164	NT	MOF	OK	6.12969	1.79389	-3.4169821	-1.7727	-1.15173	0.05525	0.462647	no
XLOC_009045	XLOC_009045	CDC6	chr17:38444145-38459413	NT	MOF	OK	3.40874	0.992462	-3.4346302	-1.7802	-2.37676	5.00E-05	0.00368902	yes
XLOC_017575	XLOC_017575	FAM173B	chr5:10225619-10250021	NT	MOF	OK	3.68594	1.06972	-3.4457054	-1.7848	-2.36879	0.0001	0.00661202	yes
XLOC_015585	XLOC_015585	FGD5-AS1	chr3:14984285-15106816	NT	MOF	OK	25.6876	7.43993	-3.4526669	-1.7877	-2.31168	0.00025	0.0132096	yes
XLOC_014160	XLOC_014160	CHAF1B	chr21:37757688-37789125	NT	MOF	OK	1.85581	0.536619	-3.4583382	-1.7901	-1.91388	0.0015	0.0495902	yes
XLOC_001075	XLOC_001075	SRP9	chr1:225965514-225978168	NT	MOF	OK	50.5931	14.6204	-3.4604457	-1.791	-3.71068	5.00E-05	0.00368902	yes
XLOC_022470	XLOC_022470	GALNT12	chr9:101569980-101612363	NT	MOF	OK	3.497	1.00895	-3.4659795	-1.7933	-2.324	0.0004	0.0189063	yes
XLOC_007622	XLOC_007622	KIAA0101	chr15:64657210-64673702	NT	MOF	OK	4.05431	1.16504	-3.4799749	-1.7991	-2.08134	0.00225	0.0668919	no

XLOC_021542	XLOC_021542	MAK16	chr8:33342684-33370703	NT	MOF	OK	13.397	3.82847	-3.4993091	-1.8071	-2.88737	5.00E-05	0.00368902	yes
XLOC_018097	XLOC_018097	HIST1H2BE	chr6:26184023-26184458	NT	MOF	OK	19.5465	5.56777	-3.5106515	-1.8117	-2.01227	0.00135	0.0457563	yes
XLOC_017844	XLOC_017844	SPATA24	chr5:138732455-138739776	NT	MOF	OK	1.70188	0.484533	-3.512413	-1.8125	-1.2529	0.04575	0.417163	no
XLOC_014938	XLOC_014938	FANCD2	chr3:10068112-10149915	NT	MOF	OK	2.03475	0.573044	-3.5507745	-1.8281	-2.45162	0.00015	0.00902985	yes
XLOC_005121	XLOC_005121	RNFT2	chr12:117176095-117291436	NT	MOF	OK	0.745164	0.209354	-3.5593492	-1.8316	-1.59545	0.0057	0.122504	no
XLOC_007147	XLOC_007147	GCHFR	chr15:41056284-41059911	NT	MOF	OK	1.23211	0.343454	-3.5874091	-1.8429	-1.25652	0.05055	0.442907	no
XLOC_010385	XLOC_010385	LMAN1	chr18:56995055-57026508	NT	MOF	OK	67.3058	18.7561	-3.5884752	-1.8434	-4.08536	5.00E-05	0.00368902	yes
XLOC_008908	XLOC_008908	RNF112	chr17:19314490-19320589	NT	MOF	OK	2.64406	0.73569	-3.5939866	-1.8456	-2.32414	0.0003	0.0149383	yes
XLOC_002959	XLOC_002959	DNAJC12	chr10:69556426-69597937	NT	MOF	OK	1.22327	0.340152	-3.5962452	-1.8465	-1.27162	0.03	0.331204	no
XLOC_004034	XLOC_004034	TAF10	chr11:6624963-6633475	NT	MOF	OK	89.0368	24.7437	-3.5983624	-1.8473	-1.28551	0.0254	0.301019	no
XLOC_018116	XLOC_018116	HIST1H2AG	chr6:27100816-27101314	NT	MOF	OK	42.6834	11.7403	-3.6356311	-1.8622	-2.62486	0.0002	0.0112558	yes
XLOC_013284	XLOC_013284	TMEFF2	chr2:192814746-193059644	NT	MOF	OK	1.88775	0.516519	-3.6547542	-1.8698	-1.69986	0.00925	0.166803	no
XLOC_001786	XLOC_001786	HIST2H3D	chr1:149784779-149785236	NT	MOF	OK	11.1733	3.01345	-3.70781	-1.8906	-1.74654	0.0053	0.117239	no
XLOC_016582	XLOC_016582	NEIL3	chr4:178230990-178284092	NT	MOF	OK	1.22913	0.330373	-3.7204311	-1.8955	-1.85008	0.00475	0.10703	no
XLOC_002502	XLOC_002502	SGPL1	chr10:72575703-72640932	NT	MOF	OK	11.7764	3.14778	-3.7411763	-1.9035	-3.71144	5.00E-05	0.00368902	yes
XLOC_018679	XLOC_018679	HIST1H4D	chr6:26188937-26189304	NT	MOF	OK	37.1686	9.93445	-3.7413848	-1.9036	-2.20285	0.0006	0.0251211	yes
XLOC_014546	XLOC_014546	H1FO	chr22:38201113-38203443	NT	MOF	OK	37.1547	9.91754	-3.7463625	-1.9055	-3.89278	5.00E-05	0.00368902	yes
XLOC_002583	XLOC_002583	KIF20B	chr10:91461366-91534700	NT	MOF	OK	3.32064	0.885986	-3.7479599	-1.9061	-3.03567	5.00E-05	0.00368902	yes
XLOC_004824	XLOC_004824	TROAP	chr12:49716970-49725514	NT	MOF	OK	2.25532	0.599861	-3.7597377	-1.9106	-1.08111	0.03195	0.340313	no
XLOC_023299	XLOC_023299	MBTPS2	chrX:21857655-21903541	NT	MOF	OK	10.9281	2.87916	-3.7955862	-1.9243	-3.57709	5.00E-05	0.00368902	yes
XLOC_017021	XLOC_017021	MLF1IP	chr4:185570766-185655286	NT	MOF	OK	2.89285	0.755501	-3.8290485	-1.937	-1.89283	0.00335	0.0844479	no
XLOC_017674	XLOC_017674	CENPK	chr5:64813592-64858995	NT	MOF	OK	3.36361	0.877539	-3.8330034	-1.9385	-2.17408	0.00045	0.0205472	yes
XLOC_004314	XLOC_004314	CDCA5	chr11:64844926-64851615	NT	MOF	OK	4.44994	1.15464	-3.8539631	-1.9463	-2.57707	0.0001	0.00661202	yes
XLOC_009314	XLOC_009314	BIRC5	chr17:76210276-76221716	NT	MOF	OK	8.94235	2.31715	-3.859202	-1.9483	-3.05089	5.00E-05	0.00368902	yes
XLOC_018671	XLOC_018671	HIST1H1A	chr6:26017259-26018040	NT	MOF	OK	4.37775	1.13008	-3.8738408	-1.9538	-1.88976	0.00885	0.16225	no
XLOC_009571	XLOC_009571	SPAG5	chr17:26904582-26926056	NT	MOF	OK	4.34945	1.10164	-3.9481591	-1.9812	-2.94224	5.00E-05	0.00368902	yes
XLOC_018104	XLOC_018104	HIST1H2BI	chr6:26273203-26273640	NT	MOF	OK	34.7084	8.77909	-3.9535305	-1.9831	-2.51455	5.00E-05	0.00368902	yes
XLOC_018704	XLOC_018704	HIST1H2AM	chr6:27860476-27860963	NT	MOF	OK	40.5351	10.2282	-3.9630727	-1.9866	-2.71816	5.00E-05	0.00368902	yes
XLOC_023996	XLOC_023996	TMSB15A	chrX:101768609-101771699	NT	MOF	OK	1.23829	0.311857	-3.9706981	-1.9894	-1.16884	0.0801	0.552256	no
XLOC_002593	XLOC_002593	KIF11	chr10:94352824-94415152	NT	MOF	OK	5.76094	1.43991	-4.0009028	-2.0003	-3.31859	5.00E-05	0.00368902	yes
XLOC_023785	XLOC_023785	SCML2	chrX:18257432-18372844	NT	MOF	OK	0.932938	0.231853	-4.0238341	-2.0086	-2.05427	0.0015	0.0495902	yes
XLOC_019096	XLOC_019096	MTFR2	chr6:136552167-136571449	NT	MOF	OK	1.1626	0.28281	-4.1108872	-2.0395	-1.70214	0.0083	0.155705	no
XLOC_018130	XLOC_018130	HIST1H2AL	chr6:27833106-27833576	NT	MOF	OK	34.2085	8.24017	-4.1514313	-2.0536	-2.61192	5.00E-05	0.00368902	yes
XLOC_001444	XLOC_001444	CLSPN	chr1:36197712-36235551	NT	MOF	OK	1.4913	0.359103	-4.1528475	-2.0541	-2.66932	0.00015	0.00902985	yes
XLOC_004938	XLOC_004938	INHBE	chr12:57849095-57851791	NT	MOF	OK	0.926358	0.222707	-4.159537	-2.0564	-1.72218	0.01095	0.184791	no
XLOC_008705	XLOC_008705	GIN52	chr16:85711279-85722588	NT	MOF	OK	2.79646	0.667608	-4.1887754	-2.0665	-1.86751	0.0025	0.0711765	no
XLOC_020385	XLOC_020385	SP4	chr7:21467688-21554151	NT	MOF	OK	1.08832	0.258964	-4.2025919	-2.0713	-2.35508	0.0005	0.0219203	yes
XLOC_008792	XLOC_008792	FAM64A	chr17:6347734-6354385	NT	MOF	OK	3.46094	0.818094	-4.2304919	-2.0808	-2.08119	0.00125	0.0434626	yes
XLOC_020442	XLOC_020442	ANLN	chr7:36363758-36493400	NT	MOF	OK	16.0554	3.78511	-4.2417261	-2.0847	-4.00246	5.00E-05	0.00368902	yes
XLOC_021477	XLOC_021477	EFHA2	chr8:16884746-16980148	NT	MOF	OK	8.94735	2.0753	-4.3113526	-2.1081	-3.69825	5.00E-05	0.00368902	yes
XLOC_019023	XLOC_019023	OSTM1	chr6:108362612-108395941	NT	MOF	OK	26.546	6.06882	-4.3741617	-2.129	-4.53108	5.00E-05	0.00368902	yes
XLOC_016872	XLOC_016872	CENPE	chr4:104026962-104119566	NT	MOF	OK	2.67542	0.609385	-4.3903608	-2.1343	-3.25464	5.00E-05	0.00368902	yes

XLOC_018125	XLOC_018125	HIST1H2AI	chr6:27775976-27776445	NT	MOF	OK	24.304	5.51448	-4.4073059	-2.1399	-2.3092	0.0008	0.0310256	yes
XLOC_007518	XLOC_007518	OIP5	chr15:41601465-41624819	NT	MOF	OK	1.11512	0.250963	-4.4433642	-2.1517	-1.62833	0.0162	0.230883	no
XLOC_003637	XLOC_003637	CNIH2	chr11:66045671-66051685	NT	MOF	OK	1.66692	0.373349	-4.4647769	-2.1586	-1.78052	0.0036	0.088357	no
XLOC_009022	XLOC_009022	LINC00672	chr17:37081420-37085637	NT	MOF	OK	0.886905	0.197113	-4.4994749	-2.1698	-1.9631	0.00515	0.114761	no
XLOC_014577	XLOC_014577	MCHR1	chr22:41075181-41078818	NT	MOF	OK	1.04153	0.230733	-4.5140054	-2.1744	-1.59964	0.01955	0.260237	no
XLOC_018703	XLOC_018703	HIST1H3J	chr6:27858092-27858570	NT	MOF	OK	12.2737	2.70986	-4.5292746	-2.1793	-2.11655	0.00215	0.0645533	no
XLOC_005690	XLOC_005690	C12orf76	chr12:110478982-110505500	NT	MOF	OK	2.41356	0.528239	-4.5690682	-2.1919	-2.35405	0.00015	0.00902985	yes
XLOC_014559	XLOC_014559	APOBEC3A,APOE	chr22:39353526-39388784	NT	MOF	OK	2.76366	0.601684	-4.5932084	-2.1995	-2.09501	0.0003	0.0149383	yes
XLOC_006356	XLOC_006356	CDKN3	chr14:54863672-54886934	NT	MOF	OK	4.67718	1.01142	-4.6243697	-2.2093	-1.98701	0.00395	0.0940846	no
XLOC_018682	XLOC_018682	HIST1H1D	chr6:26234439-26235216	NT	MOF	OK	19.9705	4.30795	-4.6357316	-2.2128	-2.9046	5.00E-05	0.00368902	yes
XLOC_016252	XLOC_016252	NCAPG	chr4:17812435-18023483	NT	MOF	OK	3.76218	0.791242	-4.7547779	-2.2494	-2.25888	0.00075	0.0295603	yes
XLOC_018090	XLOC_018090	HIST1H4A	chr6:26021906-26022278	NT	MOF	OK	18.0513	3.79611	-4.7552099	-2.2495	-2.55653	0.0034	0.0848247	no
XLOC_013662	XLOC_013662	MYBL2	chr20:42295708-42345122	NT	MOF	OK	4.32045	0.905239	-4.7727175	-2.2548	-2.958	5.00E-05	0.00368902	yes
XLOC_014853	XLOC_014853	CENPM	chr22:42334740-42343148	NT	MOF	OK	2.48454	0.519966	-4.778274	-2.2565	-1.64231	0.0036	0.088357	no
XLOC_018696	XLOC_018696	HIST1H2BL	chr6:27775256-27775709	NT	MOF	OK	21.2221	4.42407	-4.796963	-2.2621	-2.51489	0.00025	0.0132096	yes
XLOC_007230	XLOC_007230	CCNB2	chr15:59397283-59417244	NT	MOF	OK	5.68711	1.17077	-4.8575809	-2.2802	-2.67926	0.0002	0.0112558	yes
XLOC_016498	XLOC_016498	PLK4	chr4:128802015-128820377	NT	MOF	OK	1.86145	0.382761	-4.8632175	-2.2819	-2.6334	5.00E-05	0.00368902	yes
XLOC_010805	XLOC_010805	WDR62	chr19:36545782-36596012	NT	MOF	OK	1.35467	0.276233	-4.9040846	-2.294	-2.60444	0.0003	0.0149383	yes
XLOC_022265	XLOC_022265	SLC1A1	chr9:4490426-4587469	NT	MOF	OK	11.5408	2.35141	-4.9080339	-2.2952	-4.16373	5.00E-05	0.00368902	yes
XLOC_016169	XLOC_016169	TACC3	chr4:1723216-1746905	NT	MOF	OK	7.48225	1.50764	-4.962889	-2.3112	-3.33831	5.00E-05	0.00368902	yes
XLOC_004658	XLOC_004658	RAD51AP1	chr12:4647949-4669213	NT	MOF	OK	1.83557	0.368918	-4.9755501	-2.3149	-2.23674	0.0005	0.0219203	yes
XLOC_001093	XLOC_001093	HIST3H2BB	chr1:228645807-228646259	NT	MOF	OK	3.06509	0.602251	-5.0893896	-2.3475	-1.45318	0.0262	0.307488	no
XLOC_014626	XLOC_014626	GTSE1	chr22:46692637-46726707	NT	MOF	OK	3.25843	0.627119	-5.1958719	-2.3774	-2.83444	0.0001	0.00661202	yes
XLOC_006023	XLOC_006023	SKA3	chr13:21727733-21753220	NT	MOF	OK	2.54892	0.484937	-5.2561879	-2.394	-1.33082	0.07535	0.534115	no
XLOC_001132	XLOC_001132	EXO1	chr1:242011492-242053241	NT	MOF	OK	1.5094	0.2838	-5.3185342	-2.411	-2.42821	0.0001	0.00661202	yes
XLOC_010196	XLOC_010196	SKA1	chr18:47901391-47920538	NT	MOF	OK	2.03262	0.381611	-5.3264188	-2.4132	-2.57325	0.0003	0.0149383	yes
XLOC_015061	XLOC_015061	KIF15	chr3:44803208-44894748	NT	MOF	OK	1.03808	0.194299	-5.3426935	-2.4176	-2.49248	0.0004	0.0189063	yes
XLOC_011479	XLOC_011479	ASF1B	chr19:14230320-14247440	NT	MOF	OK	2.34657	0.423023	-5.5471452	-2.4717	-2.18933	0.00315	0.0819677	no
XLOC_023465	XLOC_023465	KIF4A	chrX:69509878-69640774	NT	MOF	OK	2.98817	0.535073	-5.5846025	-2.4815	-3.28968	5.00E-05	0.00368902	yes
XLOC_002088	XLOC_002088	ASPM	chr1:197053256-197115824	NT	MOF	OK	3.49898	0.625247	-5.5961564	-2.4844	-4.0375	5.00E-05	0.00368902	yes
XLOC_002349	XLOC_002349	MCM10	chr10:13203553-13253104	NT	MOF	OK	0.762966	0.134975	-5.6526468	-2.4989	-1.99747	0.00625	0.128833	no
XLOC_007179	XLOC_007179	WDR76	chr15:44119111-44160617	NT	MOF	OK	1.83934	0.324712	-5.6645273	-2.502	-2.85388	5.00E-05	0.00368902	yes
XLOC_008552	XLOC_008552	SHCBP1	chr16:46614467-46655311	NT	MOF	OK	6.94391	1.21881	-5.6972867	-2.5103	-3.64136	5.00E-05	0.00368902	yes
XLOC_002598	XLOC_002598	CEP55	chr10:95256368-95288849	NT	MOF	OK	5.9692	1.04225	-5.7272248	-2.5178	-3.37327	5.00E-05	0.00368902	yes
XLOC_018091	XLOC_018091	HIST1H3C	chr6:26045638-26046097	NT	MOF	OK	38.1818	6.65386	-5.7382933	-2.5206	-3.07039	5.00E-05	0.00368902	yes
XLOC_018103	XLOC_018103	HIST1H2BH	chr6:26251878-26252303	NT	MOF	OK	31.0444	5.35812	-5.7938979	-2.5345	-2.92563	5.00E-05	0.00368902	yes
XLOC_018700	XLOC_018700	HIST1H1B	chr6:27834569-27835359	NT	MOF	OK	53.2578	9.1802	-5.8013769	-2.5364	-4.00076	5.00E-05	0.00368902	yes
XLOC_018131	XLOC_018131	HIST1H2BO	chr6:27861202-27861669	NT	MOF	OK	32.8823	5.66781	-5.8015883	-2.5365	-3.04102	5.00E-05	0.00368902	yes
XLOC_012045	XLOC_012045	RRM2	chr2:10262694-10271546	NT	MOF	OK	13.122	2.20646	-5.9470827	-2.5722	-4.14384	5.00E-05	0.00368902	yes
XLOC_002605	XLOC_002605	HELLS	chr10:96305573-96361856	NT	MOF	OK	2.85284	0.473859	-6.0204407	-2.5899	-3.04645	5.00E-05	0.00368902	yes
XLOC_018702	XLOC_018702	HIST1H4L	chr6:27840925-27841289	NT	MOF	OK	28.3031	4.67148	-6.0587009	-2.599	-2.57847	0.0003	0.0149383	yes
XLOC_021527	XLOC_021527	ESCO2	chr8:27632057-27662424	NT	MOF	OK	1.04509	0.171878	-6.0804175	-2.6042	-2.48544	0.00075	0.0295603	yes

XLOC_015603	XLOC_015603	SGOL1	chr3:20202084-20227919	NT	MOF	OK	1.06764	0.17526	-6.0917494	-2.6069	-1.42196	5.00E-05	0.00368902	yes
XLOC_001548	XLOC_001548	ORC1	chr1:52838500-52870143	NT	MOF	OK	0.775667	0.126852	-6.11474	-2.6123	-2.09042	0.0022	0.0657284	no
XLOC_013687	XLOC_013687	UBE2C	chr20:44441254-44445596	NT	MOF	OK	15.1673	2.47702	-6.1232045	-2.6143	-2.83522	5.00E-05	0.00368902	yes
XLOC_018382	XLOC_018382	IRAK1BP1	chr6:79577188-79608320	NT	MOF	OK	1.43649	0.234106	-6.1360666	-2.6173	-1.83969	0.0135	0.207297	no
XLOC_008372	XLOC_008372	PKMYT1	chr16:3019341-3030540	NT	MOF	OK	2.0765	0.338281	-6.1383879	-2.6179	-1.59897	0.0122	0.195523	no
XLOC_001601	XLOC_001601	DEPDC1	chr1:68939834-68962799	NT	MOF	OK	2.05908	0.334152	-6.1621059	-2.6234	-3.2021	5.00E-05	0.00368902	yes
XLOC_023936	XLOC_023936	ERCC6L	chrX:71401525-71483814	NT	MOF	OK	1.03013	0.166067	-6.2030987	-2.633	-1.25444	0.08105	0.554412	no
XLOC_006820	XLOC_006820	DLGAP5	chr14:55614833-55658396	NT	MOF	OK	3.96913	0.637827	-6.2228943	-2.6376	-3.25821	5.00E-05	0.00368902	yes
XLOC_018127	XLOC_018127	HIST1H2BM	chr6:27782821-27783267	NT	MOF	OK	21.9995	3.49952	-6.2864336	-2.6522	-2.69815	5.00E-05	0.00368902	yes
XLOC_017291	XLOC_017291	LMNB1	chr5:126112314-126172712	NT	MOF	OK	4.65396	0.738627	-6.3008257	-2.6555	-3.09706	5.00E-05	0.00368902	yes
XLOC_012310	XLOC_012310	NCAPH	chr2:97001483-97041274	NT	MOF	OK	1.12916	0.176242	-6.4068724	-2.6796	-2.69855	5.00E-05	0.00368902	yes
XLOC_022956	XLOC_022956	ZNF367	chr9:99148224-99180669	NT	MOF	OK	2.13047	0.332304	-6.4112078	-2.6806	-3.0558	0.0001	0.00661202	yes
XLOC_013101	XLOC_013101	BUB1	chr2:111395408-111435684	NT	MOF	OK	3.30617	0.514733	-6.4230776	-2.6833	-3.27819	5.00E-05	0.00368902	yes
XLOC_009476	XLOC_009476	AURKB	chr17:8108048-8113944	NT	MOF	OK	4.72325	0.732681	-6.4465299	-2.6885	-2.68326	5.00E-05	0.00368902	yes
XLOC_007145	XLOC_007145	CASC5	chr15:40886446-40954881	NT	MOF	OK	1.85868	0.283099	-6.5654771	-2.7149	-3.29985	5.00E-05	0.00368902	yes
XLOC_007408	XLOC_007408	LOC100507118	chr15:91509267-91537881	NT	MOF	OK	0.894528	0.136096	-6.5727722	-2.7165	-0.80007	0.48905	0.989872	no
XLOC_010092	XLOC_010092	NDC80	chr18:2571509-2616634	NT	MOF	OK	3.1141	0.466115	-6.6809693	-2.7401	-2.83267	0.00015	0.00902985	yes
XLOC_017459	XLOC_017459	HMMR	chr5:162887516-162918953	NT	MOF	OK	3.04886	0.455573	-6.6923632	-2.7425	-2.89862	5.00E-05	0.00368902	yes
XLOC_017338	XLOC_017338	KIF20A	chr5:137514416-137549032	NT	MOF	OK	5.19653	0.767889	-6.7672932	-2.7586	-2.02503	0.0062	0.128239	no
XLOC_001911	XLOC_001911	IQGAP3	chr1:156495196-156542396	NT	MOF	OK	3.24324	0.47821	-6.7820414	-2.7617	-3.72793	5.00E-05	0.00368902	yes
XLOC_018685	XLOC_018685	HIST1H3G	chr6:26271145-26271612	NT	MOF	OK	26.1059	3.80543	-6.8601709	-2.7783	-3.13813	5.00E-05	0.00368902	yes
XLOC_013427	XLOC_013427	HJURP	chr2:234745485-234763212	NT	MOF	OK	3.58554	0.515661	-6.9532891	-2.7977	-3.34279	0.0001	0.00661202	yes
XLOC_005531	XLOC_005531	PRIM1	chr12:57125363-57146146	NT	MOF	OK	1.36825	0.196677	-6.9568379	-2.7984	-2.03747	0.00535	0.1177	no
XLOC_001049	XLOC_001049	CENPF	chr1:214776531-214837914	NT	MOF	OK	4.11137	0.571513	-7.1938346	-2.8468	-4.57677	5.00E-05	0.00368902	yes
XLOC_000847	XLOC_000847	NUF2	chr1:163291722-163325553	NT	MOF	OK	2.75651	0.378839	-7.2762044	-2.8632	-2.69971	0.0003	0.0149383	yes
XLOC_015894	XLOC_015894	POLQ	chr3:121150272-121264853	NT	MOF	OK	0.732354	0.0981098	-7.4646366	-2.9001	-3.01974	5.00E-05	0.00368902	yes
XLOC_018673	XLOC_018673	HIST1H3B	chr6:26031816-26032288	NT	MOF	OK	89.9065	11.8771	-7.569735	-2.9202	-4.05773	5.00E-05	0.00368902	yes
XLOC_009671	XLOC_009671	TOP2A	chr17:38544772-38574202	NT	MOF	OK	15.1139	1.98553	-7.612023	-2.9283	-5.16807	5.00E-05	0.00368902	yes
XLOC_002469	XLOC_002469	CDK1	chr10:62538088-62554610	NT	MOF	OK	4.708	0.617488	-7.6244397	-2.9306	-2.99714	5.00E-05	0.00368902	yes
XLOC_000291	XLOC_000291	CDC48	chr1:38158072-38175391	NT	MOF	OK	4.07832	0.52484	-7.7705968	-2.958	-3.07548	0.0001	0.00661202	yes
XLOC_016064	XLOC_016064	NCEH1	chr3:172348434-172429008	NT	MOF	OK	34.4941	4.38761	-7.861706	-2.9748	-6.22048	5.00E-05	0.00368902	yes
XLOC_003502	XLOC_003502	FAM111B	chr11:58874657-58894888	NT	MOF	OK	1.44326	0.183462	-7.8668062	-2.9758	-2.50468	0.0515	0.444472	no
XLOC_000334	XLOC_000334	CDC20	chr1:43824625-43828873	NT	MOF	OK	10.0184	1.26693	-7.9076192	-2.9832	-3.85898	5.00E-05	0.00368902	yes
XLOC_018675	XLOC_018675	HIST1H2BB	chr6:26043454-26043885	NT	MOF	OK	11.9973	1.51575	-7.9150915	-2.9846	-2.47131	0.0023	0.0677129	no
XLOC_000369	XLOC_000369	RAD54L	chr1:46713366-46769038	NT	MOF	OK	0.814761	0.10259	-7.9419144	-2.9895	-0.434303	0.2271	0.830507	no
XLOC_021958	XLOC_021958	STAR	chr8:38000217-38008600	NT	MOF	OK	1.03087	0.129252	-7.97566	-2.9956	-2.30861	0.0025	0.0711765	no
XLOC_007137	XLOC_007137	BUB1B,PAK6	chr15:40453209-40569688	NT	MOF	OK	2.26632	0.283059	-8.0065287	-3.0012	-3.09266	5.00E-05	0.00368902	yes
XLOC_003189	XLOC_003189	MKI67	chr10:129894924-129924468	NT	MOF	OK	5.29927	0.642871	-8.2431312	-3.0432	-5.10791	5.00E-05	0.00368902	yes
XLOC_013108	XLOC_013108	CKAP2L	chr2:113495443-113522254	NT	MOF	OK	2.92476	0.342572	-8.5376505	-3.0938	-3.40181	5.00E-05	0.00368902	yes
XLOC_024214	XLOC_024214	RAB39B	chrX:154487525-154493852	NT	MOF	OK	0.823187	0.0910444	-9.0415995	-3.1766	-2.21861	0.00525	0.116346	no
XLOC_014406	XLOC_014406	CDC45	chr22:19467413-19508135	NT	MOF	OK	1.92999	0.21184	-9.1106023	-3.1875	-2.35636	0.00035	0.017008	yes
XLOC_007996	XLOC_007996	PLK1	chr16:23690200-23724821	NT	MOF	OK	7.53254	0.770301	-9.7786969	-3.2896	-4.01033	5.00E-05	0.00368902	yes

XLOC_002097	XLOC_002097	KIF14	chr1:200520624-200589862	NT	MOF	OK	1.7658	0.179903	-9.8152894	-3.295	-3.96142	5.00E-05	0.00368902	yes
XLOC_021928	XLOC_021928	PBK	chr8:27667137-27695349	NT	MOF	OK	4.70272	0.478264	-9.8328956	-3.2976	-3.49626	5.00E-05	0.00368902	yes
XLOC_005248	XLOC_005248	CDCA3	chr12:6957971-6960456	NT	MOF	OK	4.5444	0.448889	-10.123661	-3.3397	-2.93862	0.0005	0.0219203	yes
XLOC_007156	XLOC_007156	NUSAP1	chr15:41624891-41673248	NT	MOF	OK	4.84938	0.471974	-10.274676	-3.361	-3.84625	5.00E-05	0.00368902	yes
XLOC_002170	XLOC_002170	NEK2	chr1:211831598-211848972	NT	MOF	OK	2.21647	0.211263	-10.49152	-3.3912	-2.6557	0.00025	0.0132096	yes
XLOC_017805	XLOC_017805	C5orf15	chr5:133291197-133304406	NT	MOF	OK	49.8543	4.4516	-11.199187	-3.4853	-6.54428	5.00E-05	0.00368902	yes
XLOC_001035	XLOC_001035	DTL	chr1:212113740-212278187	NT	MOF	OK	2.3943	0.2119	-11.299198	-3.4982	-1.86335	0.1632	0.746037	no
XLOC_018684	XLOC_018684	HIST1H3F	chr6:26250369-26250835	NT	MOF	OK	29.048	2.51853	-11.533712	-3.5278	-3.58433	5.00E-05	0.00368902	yes
XLOC_013219	XLOC_013219	SPC25	chr2:169727400-169746944	NT	MOF	OK	2.03738	0.174232	-11.693489	-3.5476	-2.43617	0.0097	0.171093	no
XLOC_009782	XLOC_009782	KIF18B	chr17:43002078-43025079	NT	MOF	OK	2.66212	0.225385	-11.811434	-3.5621	-3.42771	5.00E-05	0.00368902	yes
XLOC_017666	XLOC_017666	DEPDC1B	chr5:59892738-59995993	NT	MOF	OK	1.38564	0.116974	-11.845709	-3.5663	-2.57411	0.00045	0.0205472	yes
XLOC_000350	XLOC_000350	KIF2C	chr1:45205489-45233438	NT	MOF	OK	3.78516	0.282751	-13.386902	-3.7428	-3.67212	5.00E-05	0.00368902	yes
XLOC_012086	XLOC_012086	CENPA	chr2:27008881-27017455	NT	MOF	OK	2.22204	0.156147	-14.230437	-3.8309	-2.68152	0.00185	0.0581429	no
XLOC_018697	XLOC_018697	HIST1H2AJ	chr6:27782079-27782518	NT	MOF	OK	10.8303	0.71513	-15.144519	-3.9207	-3.10713	0.0111	0.185768	no
XLOC_018386	XLOC_018386	TTK	chr6:80714321-80752244	NT	MOF	OK	3.29726	0.212398	-15.523969	-3.9564	-3.56393	5.00E-05	0.00368902	yes