

Probe Set	II P Values	FC (abs)	Regulation	B1.rma-ge	B2.rma-ge	B3.rma-ge	B4.rma-ge	B5.rma-ge
TC16001135	0.000645	10.94924	down	11.37881	9.968774	11.48214	11.68554	11.58444
TC16000474	0.000724	7.715949	down	9.432737	8.064074	9.109152	10.08173	9.691357
TC16000473	0.001268	7.657472	down	10.34996	9.689201	9.766697	10.69056	10.03511
TC02000013	0.002575	7.596827	down	9.942869	10.25817	8.295013	10.76758	10.49594
TC06000296	0.009216	6.794604	up	4.220181	3.833445	5.745084	3.342279	3.035251
TC04000178	0.002504	4.349818	up	5.231086	5.156818	7.5577	4.75729	5.968951
TC07000695	0.003759	4.001563	down	7.426813	6.631876	5.798984	6.94302	7.230925
TC06001093	0.001858	3.731338	down	8.153831	7.411343	7.132782	8.646568	8.324512
TC04002887	0.007797	3.698557	down	7.824022	8.278796	6.319642	7.608575	8.040774
TC0X001889	0.004669	3.568332	down	7.667511	8.278713	6.792261	8.25507	8.044786
TC01006221	0.000532	3.523873	down	7.827008	6.364296	7.17818	7.706378	7.966553
TC21000938	0.008311	3.39254	down	7.520591	8.875643	8.49894	8.453764	7.845333
TC08002444	0.007475	3.364263	down	5.615767	6.768296	6.493189	6.028498	4.828708
TC02002509	0.00515	3.35106	down	6.850106	7.056664	5.888108	7.827714	7.358005
TC09001589	0.009589	3.230271	down	8.36423	9.35708	7.314275	8.608391	8.881242
TC06002911	0.003499	3.22871	down	6.803423	8.67335	7.879818	8.422348	7.482601
TC01000658	0.008882	3.213385	down	8.10549	6.105534	6.845609	7.317339	6.733602
TC20001679	0.000903	3.177889	down	10.71031	11.20709	11.00619	11.00807	10.74464
TC01005500	0.003718	3.147624	down	5.480688	6.664351	5.07833	6.724655	5.629517
TC05003382	0.006244	3.144596	down	8.913649	9.925749	8.767307	9.634581	9.144498
TC17001869	0.002836	3.117614	down	8.822689	9.674103	8.921897	9.502399	8.830455
TC02004706	0.004551	3.087649	down	6.894301	7.831768	7.344374	7.089559	6.419821
TC15001193	0.002591	3.085081	down	7.536068	8.124235	8.3037	8.076969	7.474613
TC15000159	0.004864	3.077439	down	7.866344	8.654344	7.10675	8.220203	8.040738
TC15000185	0.004864	3.077439	down	7.866344	8.654344	7.10675	8.220203	8.040738
TC15000960	0.004864	3.077439	down	7.866344	8.654344	7.10675	8.220203	8.040738
TC15001139	0.004864	3.077439	down	7.866344	8.654344	7.10675	8.220203	8.040738
TC15001173	0.004864	3.077439	down	7.866344	8.654344	7.10675	8.220203	8.040738
TC06002227	0.004546	3.050107	up	2.693094	2.948276	3.039396	2.466503	2.560497
TC06002644	0.005006	2.962745	down	9.571055	10.56215	9.904488	10.72424	9.548466
TC20001320	0.001014	2.954857	down	11.28732	11.13977	11.01626	11.27764	11.13207
TC03002654	0.004717	2.934193	down	7.844389	8.865638	7.71689	8.700169	8.035675
TC11002622	0.004953	2.918883	down	5.853227	6.38691	5.601575	6.527362	5.776696
TC04000416	0.001577	2.897559	down	7.996229	8.564581	8.5825	7.971147	8.130032
TC14001936	0.004636	2.884259	down	7.314032	7.803263	7.533442	7.814309	7.037109
TC07001744	0.002188	2.879991	down	7.379199	6.400434	6.884848	6.519499	6.686313
TC14001364	0.003812	2.873688	down	5.309103	6.922051	5.509246	6.964338	6.016098
TC05002693	0.009051	2.854377	down	10.36573	10.13504	9.097892	10.58241	11.06918
TC16002075	0.001391	2.810005	down	7.626573	7.204207	7.684067	7.563771	7.041707
TC04002072	0.007379	2.795343	down	5.688944	6.575438	7.193914	5.222739	5.336956
TC17002434	0.006534	2.790136	down	7.906579	8.772394	7.847614	8.734277	8.329409
TC16000469	0.000535	2.789976	down	7.420248	7.06762	7.182665	7.307216	7.389948
TC07003106	0.002024	2.771035	down	7.371773	6.438109	6.892459	6.485048	6.678055
TC08000769	0.009983	2.754068	down	12.03015	12.24016	11.10442	12.1657	12.03332
TC02000161	0.004626	2.737648	up	3.449596	3.476455	4.106114	3.121959	2.726302
TC08000438	0.004626	2.737648	up	3.449596	3.476455	4.106114	3.121959	2.726302
TC14001451	0.005358	2.736884	down	7.08438	7.284685	6.743091	6.865092	7.174037

TC11002686	0.000649	2.712229	up	5.755922	5.386575	5.744002	5.284016	6.332638
TC17002207	0.008679	2.704464	down	6.867791	7.166365	6.447564	6.757096	6.970516
TC12003091	0.009608	2.701634	down	9.693024	10.12094	9.464744	10.41107	9.586669
TC03002349	0.009858	2.701288	down	7.037042	6.984897	6.305465	7.541481	7.079664
TC16001576	0.000328	2.695607	down	7.42286	7.117148	7.311419	7.237538	7.510437
TC0X001624	0.007222	2.677732	down	7.877813	8.586053	7.84734	8.51517	8.135092
TC06000985	0.007627	2.676974	down	4.991076	6.195323	6.422008	4.477149	5.631781
TC02003240	0.00479	2.676733	down	7.955696	8.354658	7.063611	8.227863	8.679723
TC08001800	0.009553	2.662998	down	7.431112	8.725991	7.245571	7.481206	6.999722
TC19002479	0.006924	2.65616	down	9.230165	8.210218	7.240636	9.353242	8.775636
TC08000653	0.006883	2.650783	up	2.711222	2.701275	3.021719	2.683634	2.633257
TC07000399	0.003031	2.644006	down	10.31008	9.879766	10.1824	9.817141	9.83699
TC16001575	0.001054	2.599089	down	6.925755	6.427227	7.129452	6.867579	6.442202
TC03000032	0.007814	2.580299	up	3.043167	3.043539	3.376422	2.896661	2.702504
TC20000094	0.005724	2.575622	down	6.872582	7.077558	6.121474	7.175102	7.829608
TC09001211	0.000767	2.561396	down	6.002735	5.986413	5.439476	6.049365	6.685027
TC11002784	0.006003	2.542389	down	6.112594	6.461318	5.91924	6.116624	5.705451
TC16000476	0.006529	2.528777	down	8.247394	8.233732	8.546174	7.971494	8.716235
TC17002251	0.00569	2.489003	down	4.819559	6.369759	5.439358	5.758678	5.736971
TC04001175	0.007653	2.471056	up	4.077506	3.115834	4.044708	3.297409	2.950523
TC19001527	0.00867	2.46295	down	9.040101	8.04841	7.140842	9.222003	8.613905
TC09000936	0.00399	2.454039	down	12.64186	12.43601	12.05268	12.59271	11.96263
TC02004378	0.000229	2.446805	up	4.724117	4.652445	4.878014	4.601174	5.327988
TC05000956	0.005516	2.441275	down	7.658457	8.119761	7.468031	8.176847	7.248195
TC19001274	0.002419	2.441078	down	7.917661	7.792425	7.744599	8.183859	8.016956
TC09001627	0.009775	2.421701	down	8.223697	8.679115	7.289437	8.127484	8.440872
TC15002461	0.002796	2.40887	down	7.674561	7.317665	6.136824	8.32636	7.783185
TC14002203	0.003936	2.407704	down	6.68659	7.882735	7.897614	7.792821	6.919024
TC07002860	0.005127	2.404833	down	6.728456	7.311126	6.698732	7.285417	6.421386
TC09000477	0.003486	2.392522	down	8.932672	8.746886	8.677163	9.064281	8.632392
TC17001379	0.009309	2.385299	down	5.389092	5.311688	5.144753	5.195833	5.900326
TC20001126	0.003086	2.377428	down	5.724164	6.843306	6.260151	6.452378	5.596894
TC04001820	0.008477	2.370099	down	6.383296	6.664862	5.155252	6.267879	6.440801
TC04000600	0.004573	2.365488	down	10.40987	10.27037	10.69859	9.975899	9.698312
TC15002019	0.009263	2.358084	down	9.215871	8.932714	7.324874	8.974309	8.783978
TC15002022	0.009263	2.358084	down	9.215871	8.932714	7.324874	8.974309	8.783978
TC15002026	0.009263	2.358084	down	9.215871	8.932714	7.324874	8.974309	8.783978
TC15002036	0.009263	2.358084	down	9.215871	8.932714	7.324874	8.974309	8.783978
TC15002039	0.009263	2.358084	down	9.215871	8.932714	7.324874	8.974309	8.783978
TC15002041	0.009263	2.358084	down	9.215871	8.932714	7.324874	8.974309	8.783978
TC15002044	0.009263	2.358084	down	9.215871	8.932714	7.324874	8.974309	8.783978
TC15002047	0.009263	2.358084	down	9.215871	8.932714	7.324874	8.974309	8.783978
TC15002050	0.009263	2.358084	down	9.215871	8.932714	7.324874	8.974309	8.783978
TC15002051	0.009263	2.358084	down	9.215871	8.932714	7.324874	8.974309	8.783978
TC13000189	0.008959	2.355834	down	8.031569	8.640328	7.931183	8.774174	8.261559
TC20000725	0.006465	2.349737	down	6.515114	6.620564	5.553614	7.013626	6.23554
TC16002074	0.000747	2.348179	down	6.81271	6.700543	6.720404	6.469822	6.914599
TC01005067	0.008574	2.347048	down	9.249279	9.683425	8.735125	9.835204	8.923548

TC12003257	0.001344	2.341151	down	8.61536	8.833594	8.787947	8.507753	8.017557
TC06002000	0.004893	2.33942	down	6.512493	7.325189	6.494501	7.344013	7.136919
TC07000389	0.004573	2.332957	down	9.360999	9.241762	9.452079	9.135853	9.138749
TC16000471	0.000909	2.328058	down	5.030018	4.927443	5.485996	5.810929	5.804882
TC07000655	0.009173	2.32772	down	10.51633	9.696088	9.130795	10.29323	10.29586
TC16000455	0.006044	2.317681	down	5.898046	6.472878	5.481507	7.208375	6.276327
TC06003537	0.002386	2.314773	down	7.137558	7.315609	6.862821	7.977287	6.438745
TC19001967	0.007748	2.313035	down	8.687659	8.767122	8.129841	9.237536	8.891576
TC07000690	0.007908	2.311055	up	9.688408	9.569448	9.751157	8.929693	9.34218
TC0X001548	0.008678	2.306922	down	7.008907	6.923164	6.816916	7.253334	6.957668
TC0X000788	0.008678	2.306922	down	7.008907	6.923164	6.816916	7.253334	6.957668
TC0X001551	0.008678	2.306922	down	7.008907	6.923164	6.816916	7.253334	6.957668
TC02003238	0.007924	2.303992	down	8.458281	8.501743	7.65522	8.404788	8.833414
TC20001681	0.001544	2.298375	down	4.973939	5.792476	5.440356	5.586854	4.96815
TC12002893	0.002604	2.29628	down	9.592163	9.661896	9.889713	9.916401	8.906859
TC15001710	0.003811	2.295847	down	10.01783	9.640547	7.781183	9.388198	9.147296
TC20000242	0.002244	2.294081	down	7.776572	8.165676	7.572515	8.327605	7.64955
TC13000982	0.005846	2.285574	down	6.180341	6.706731	7.082242	6.721569	5.885359
TC17001632	0.00883	2.283365	down	5.560674	6.82998	6.036489	6.775267	6.867404
TC0X000589	0.002846	2.276062	down	6.86031	7.556251	7.531442	7.457179	6.692722
TC14000931	0.009229	2.274132	down	6.635328	7.529657	6.871649	7.646044	6.920366
TC02004605	0.003905	2.273956	down	9.91241	9.813727	9.179279	9.990134	9.911539
TC02001922	0.005409	2.273509	down	6.27282	6.989275	5.808467	6.800776	6.638505
TC08001862	0.003702	2.269605	down	5.396945	6.153081	5.282337	5.938046	5.465721
TC16000650	0.007304	2.262322	down	7.098535	8.12743	7.416362	7.599583	7.03074
TC04001524	0.008486	2.259779	up	9.231165	9.561947	9.755109	9.09683	9.308953
TC16000468	0.002713	2.255994	down	8.828477	8.828145	8.458154	9.45389	9.248857
TC01002611	0.001781	2.255889	down	8.253656	8.525608	8.08109	8.749566	8.456762
TC12001883	0.008552	2.25374	up	5.878884	5.480922	6.714819	5.476503	5.73175
TC17000466	0.003891	2.253196	down	7.192329	7.484352	7.256208	7.469233	6.83704
TC04002406	0.00462	2.238934	down	9.138968	9.22038	9.473248	8.93046	8.547948
TC14000760	0.003681	2.230374	up	4.573901	4.322379	5.417653	4.480274	4.217409
TC0X001231	0.006558	2.22826	up	5.716465	5.589166	6.383043	4.910181	4.932673
TC19002369	0.002538	2.223427	down	7.233827	7.669086	7.002983	7.795184	7.246075
TC01005690	0.001619	2.217959	down	5.519915	5.871704	4.783552	5.313404	4.956597
TC01002314	0.00095	2.21727	up	5.430471	5.750211	5.62049	5.168037	5.281246
TC11000484	0.004628	2.213393	up	5.249376	5.301359	5.439814	5.155118	5.832959
TC16002034	0.004466	2.211034	down	10.39419	9.995504	10.4892	10.46659	10.35333
TC08002065	0.006639	2.198257	down	5.475727	6.101193	5.230212	6.089214	5.739248
TC10002687	0.004705	2.197396	down	5.748034	6.635708	5.638584	6.49317	5.540406
TC05002454	0.009501	2.186769	down	4.948864	5.602004	4.227993	5.661639	5.244755
TC08001015	0.000604	2.17303	down	6.628949	6.672804	6.176441	6.947594	6.568122
TC20000126	0.004726	2.166261	down	5.56672	6.728508	6.045461	6.368585	5.684984
TC19000164	0.006333	2.163667	down	6.735278	7.595898	6.94147	7.397676	6.418285
TC05003354	0.008427	2.158072	down	8.465172	9.190128	9.191333	9.105398	8.322066
TC17001773	0.008106	2.155374	up	7.472987	7.711119	7.881742	7.077757	7.408883
TC16002035	0.000696	2.147448	down	6.41232	6.53253	6.886919	5.824654	7.103226
TC21000942	0.003428	2.146127	down	4.254066	5.067965	5.117662	3.608161	4.129981

TC11000808	0.00763	2.140018	down	11.06358	10.8295	11.29137	11.0567	10.72982
TC09001244	0.006837	2.138922	up	3.806498	3.929742	3.714589	3.242489	3.472774
TC12001813	0.004087	2.132548	down	12.21195	11.84515	11.72094	12.04978	11.44572
TC15002121	0.007179	2.13254	down	7.445602	7.116651	6.230794	7.905548	7.459193
TC02000511	0.009173	2.122814	down	5.446408	6.651788	5.134041	6.986818	6.86494
TC0Y00018	0.006694	2.118552	down	7.548857	8.69752	7.846944	8.341522	7.890686
TC11003499	0.003707	2.113198	down	8.943377	9.209397	9.325398	8.976756	8.287326
TC12001609	0.005346	2.113096	down	7.481554	7.878574	7.167782	7.467388	7.151137
TC05002975	0.006113	2.11161	down	11.77744	11.88369	11.93815	11.93535	11.22991
TC22000400	0.009567	2.110623	up	8.295212	8.534514	8.750245	7.84507	8.195852
TC17002691	0.003991	2.106358	down	6.795396	8.178811	7.643755	7.964347	7.353506
TC0X002170	0.007658	2.105332	down	5.555723	5.989868	5.117416	6.201268	6.020348
TC14000466	0.001025	2.104142	down	6.152707	5.96021	5.174476	6.235119	5.657447
TC16001933	0.007071	2.103334	down	7.19309	7.119008	6.822699	7.309491	7.159571
TC14002132	0.009094	2.103233	down	6.989587	7.230726	6.094266	7.109737	6.736753
TC11002576	0.006901	2.100973	down	5.120551	5.942778	5.666956	6.079121	5.604563
TC17002430	0.006317	2.100561	down	6.461051	6.96844	6.103232	7.173584	6.420787
TC17000702	0.000975	2.099817	down	6.174896	6.592184	5.932752	6.566939	6.266176
TC02001644	0.004311	2.089228	down	5.297795	5.916742	4.861584	5.965885	5.190275
TC16001930	0.004444	2.086615	down	7.716964	7.974699	7.925027	8.15723	7.456313
TC0Y00006	0.009756	2.082868	up	5.444821	4.745093	5.60739	5.186441	4.898089
TC0Y000170	0.009756	2.082868	up	5.444821	4.745093	5.60739	5.186441	4.898089
TC05001050	0.007921	2.081415	down	7.837241	8.167729	7.130628	8.28411	8.143838
TC09001056	0.00542	2.080478	down	12.75915	12.70322	12.83488	12.53975	12.50872
TC10000446	0.001175	2.079717	up	6.020736	5.656727	6.459857	5.774049	6.457799
TC08002245	0.007597	2.070333	down	6.216321	6.037627	4.885337	6.562176	5.9663
TC17001140	0.006451	2.067063	up	4.373876	4.413118	5.360497	4.311564	4.270429
TC03001222	0.007749	2.06387	up	5.422374	5.447751	6.308711	5.130445	5.154484
TC15000181	0.003908	2.062524	down	7.657362	7.346026	6.716561	8.175332	7.613852
TC06000009	0.005414	2.062204	up	4.605985	4.578469	4.910629	4.908497	4.699501
TC08000598	0.001909	2.060849	down	6.28321	6.342137	5.136385	5.94687	6.440408
TC02003138	0.002468	2.05228	down	7.887962	8.003117	7.418371	8.128441	7.984211
TC16000841	0.002833	2.036097	down	7.945019	6.871892	7.075827	8.170038	7.396791
TC15001174	0.004187	2.032188	down	7.491098	7.051572	6.300602	7.890691	7.313135
TC22000993	0.008109	2.030737	down	7.094379	7.26614	6.987051	7.532574	7.625636
TC12001678	0.002754	2.022979	down	6.405222	6.548592	6.006693	6.725758	6.559368
TC03001618	0.005079	2.018907	down	9.101527	9.520496	9.247573	9.872609	9.076959
TC15001153	0.006448	2.016312	down	8.807176	8.889959	7.558889	8.766728	8.421408
TC07001805	0.006949	2.004562	up	2.515438	2.42715	3.450716	2.589084	2.642814
TC07003194	0.002864	2.002496	down	6.677571	6.652905	5.706187	6.731663	6.990224

B6.rma-ge	B7.rma-ge	T1.rma-ge	T2.rma-ge	T3.rma-ge	T4.rma-ge	T5.rma-ge	T6.rma-ge	T7.rma-ge
10.34177	8.234506	6.704494	8.644907	6.58564	5.781433	6.007775	6.740399	10.04201
8.063418	6.545413	5.290582	6.764526	5.027007	4.449712	5.134901	5.672923	8.013324
9.230629	7.821455	6.696403	8.537922	6.450567	5.200192	5.469656	5.407912	9.262879
9.085627	7.330123	6.04926	7.790208	6.033502	5.304069	5.620728	5.299959	9.599821
4.304916	3.831585	8.650135	8.242361	5.439328	7.956828	5.146769	8.983913	3.244129
5.348266	5.924442	8.63628	8.010175	8.447639	6.759497	9.4844	6.196106	7.257142
6.872244	5.171333	3.789919	5.896992	4.287287	3.585223	3.586255	4.206546	6.719028
7.501884	6.165599	6.393009	6.108475	5.963162	5.053428	4.716922	4.638852	7.164822
7.441837	5.567733	4.594753	6.288789	5.610982	4.509703	4.861203	4.336674	7.670538
7.373798	6.486951	4.773093	6.731656	6.240385	4.513506	5.705224	4.478989	7.609488
6.67462	6.001219	4.885168	5.408916	4.780601	4.842383	5.424415	4.958748	6.697886
8.213538	8.784336	5.244299	6.931946	6.856347	4.950898	7.207504	5.673241	8.991353
5.16091	6.697876	4.018418	3.76244	4.126082	3.092973	3.866384	3.619203	6.855708
7.207761	5.017741	4.684129	5.474346	5.68511	4.090752	3.724003	4.877509	6.457927
9.632861	7.89983	5.661427	7.293294	7.757444	5.935467	6.462664	6.072948	9.033076
7.029542	7.206559	5.32212	5.996437	6.810908	5.801339	5.953205	4.313287	7.463639
5.553329	4.132471	4.562971	5.494485	4.536777	4.278713	4.338928	4.126898	5.665945
11.44204	10.51347	8.804683	9.14311	10.02684	7.737444	9.616065	8.909887	10.71731
4.885786	5.571283	3.458385	3.921449	4.440188	3.345119	3.546001	3.605655	6.137967
9.419358	9.072289	6.748708	8.325393	8.421205	6.15264	7.030879	6.882191	9.746301
8.615686	9.01507	6.883768	7.402588	7.650865	6.173161	7.466333	6.712939	9.609549
6.630892	7.562818	4.756487	5.680809	5.658458	4.565409	5.647643	4.372569	7.706594
7.841265	8.72123	5.338922	6.547997	6.641294	5.585278	6.776252	5.479765	8.331421
8.627394	8.339586	4.830441	6.440152	7.531905	7.289535	7.075087	5.03063	7.305488
8.627394	8.339586	4.830441	6.440152	7.531905	7.289535	7.075087	5.03063	7.305488
8.627394	8.339586	4.830441	6.440152	7.531905	7.289535	7.075087	5.03063	7.305488
8.627394	8.339586	4.830441	6.440152	7.531905	7.289535	7.075087	5.03063	7.305488
8.627394	8.339586	4.830441	6.440152	7.531905	7.289535	7.075087	5.03063	7.305488
3.116245	2.66451	4.828989	5.138664	3.514077	6.008354	3.206115	5.209679	2.84466
9.736622	10.18064	7.520045	8.714767	8.955802	7.409509	8.52316	7.584074	10.55177
11.52146	10.17848	8.814208	9.516276	10.12064	8.111742	9.84727	9.467964	10.73328
8.52415	8.504875	6.061975	6.969049	7.246182	5.755408	6.656649	5.755892	8.875889
5.126432	6.408325	3.985813	4.559328	4.555252	3.556829	4.381522	3.256733	6.567133
8.573908	7.249651	5.978536	6.811491	6.845092	5.529878	6.891034	6.060982	8.207169
7.339716	7.750199	4.807386	6.085581	6.361915	4.920585	6.534086	5.194434	7.990681
7.2483	5.584679	4.581508	6.190681	4.75967	4.405952	4.29439	5.453929	6.334685
5.729351	4.906725	3.707034	4.739408	4.607861	4.04413	4.184538	3.500107	5.91351
10.43504	8.906193	8.257792	9.707669	9.076313	7.704933	7.989388	7.32214	9.941018
6.866761	6.669077	5.318037	6.3807	5.241093	4.693389	5.332688	5.982881	7.273366
6.029591	5.090355	4.258227	5.18572	4.37538	3.153572	4.321686	3.530411	5.931761
8.48931	8.168398	5.852891	6.991421	7.435115	5.733064	7.281753	5.791377	8.800006
6.745245	6.343148	5.214295	5.843443	5.22864	4.700319	5.750772	5.331929	7.024926
7.270803	5.603657	4.690429	6.213679	4.721001	4.730836	4.389223	5.335125	6.366629
12.45899	10.29962	9.239584	10.84369	11.25384	9.348653	10.1823	9.483771	11.74957
3.340833	3.406703	5.651526	5.827538	4.220805	4.663132	3.630257	6.08684	3.718427
3.340833	3.406703	5.651526	5.827538	4.220805	4.663132	3.630257	6.08684	3.718427
7.411142	8.92317	5.450095	5.96437	5.847955	5.196635	5.714749	5.372615	7.771439

6.191395	5.704615	7.046653	6.763542	8.454476	6.918931	8.060336	6.662971	6.568609
6.363925	6.9801	4.585652	6.171563	5.972645	3.930938	5.914597	3.997964	6.932593
9.410644	10.35301	7.502448	8.357235	9.187309	7.124303	8.843289	7.562865	10.42583
6.656613	7.015855	4.888492	4.975477	6.375464	4.05985	6.408129	4.592577	7.285489
6.70412	6.436646	5.642544	5.969182	5.537411	4.526732	5.716456	5.599848	6.733727
8.12907	8.494926	6.089839	7.040356	7.762793	5.269657	7.349268	5.780458	8.346011
6.396861	4.449122	3.726964	4.109834	3.717789	3.479813	4.247449	3.579176	5.758071
7.911096	7.736131	5.944542	6.738205	7.176546	5.718111	6.551398	5.559463	8.297199
7.877553	5.947885	5.729115	6.784765	6.148366	5.271506	5.188697	5.247006	7.448224
8.149781	6.883945	6.370731	7.634487	7.500296	6.219214	6.638274	6.166502	7.448722
2.833978	2.704645	3.414021	4.077116	6.02861	4.109313	5.31422	3.292809	2.898571
10.49506	9.476041	9.019492	9.339051	8.874027	7.485399	8.345712	7.291946	9.822774
6.041499	5.925161	4.996691	5.357954	4.523497	4.342257	5.021774	5.333387	6.537271
3.283338	2.902117	4.72331	5.662749	3.316672	5.369218	3.422322	5.286899	3.039347
6.384763	6.195849	5.194097	5.556173	5.183633	4.328734	6.646419	4.650502	6.542931
5.784279	5.402604	4.441075	4.940714	4.682024	3.955543	3.999874	4.011307	5.820851
6.436053	6.502495	4.425129	4.872838	5.302447	3.527083	4.63026	4.273215	6.799513
7.701979	6.502814	7.317316	7.155259	5.970165	5.344537	7.33194	6.281177	7.150347
5.64945	3.902349	4.280653	4.412509	3.527162	3.699854	3.710238	3.508761	5.327968
3.761296	2.879056	5.775356	5.48821	4.530601	5.067198	4.432108	5.084284	2.884466
8.001901	6.784163	6.381658	7.589185	7.412385	6.250264	6.532745	6.228774	7.353605
12.02798	12.32172	10.42915	11.3067	11.58785	9.813885	11.34077	10.08177	12.40935
4.776688	5.453576	6.445165	6.588576	5.955321	5.74299	6.95141	5.301065	6.465769
7.045769	7.929912	5.980734	6.555211	6.627959	5.336104	6.555987	5.509909	8.067628
7.812812	6.87389	5.462914	6.996725	7.123426	5.681496	6.224991	6.251128	7.588896
8.96292	8.303166	5.840647	7.071802	8.15357	7.318476	7.800029	5.561219	7.348802
7.111636	6.453444	5.845285	5.780455	5.99207	5.859206	5.847073	5.592775	7.00832
7.172668	7.643304	5.940299	5.844543	6.212833	5.332518	6.092642	5.834281	7.864031
6.707419	7.703052	5.483972	5.582829	6.059011	5.066968	5.870844	4.594241	7.336171
8.922513	8.899846	7.060294	7.715682	7.856619	7.27204	7.084684	6.661593	9.415112
5.525527	4.659861	2.794261	4.46027	3.556958	3.159029	4.869764	3.860379	5.647229
5.470194	6.628157	4.329226	4.903625	4.896505	4.521012	4.853496	4.325554	6.400011
5.780032	4.51478	4.233932	5.096397	4.647036	4.111459	4.224746	4.187768	5.990929
10.69601	10.24074	9.555846	10.15235	8.884736	8.133166	9.063021	7.740958	9.764744
9.129822	8.56806	6.607629	7.326364	8.551064	7.886224	7.857078	6.137439	7.900521
9.129822	8.56806	6.607629	7.326364	8.551064	7.886224	7.857078	6.137439	7.900521
9.129822	8.56806	6.607629	7.326364	8.551064	7.886224	7.857078	6.137439	7.900521
9.129822	8.56806	6.607629	7.326364	8.551064	7.886224	7.857078	6.137439	7.900521
9.129822	8.56806	6.607629	7.326364	8.551064	7.886224	7.857078	6.137439	7.900521
9.129822	8.56806	6.607629	7.326364	8.551064	7.886224	7.857078	6.137439	7.900521
9.129822	8.56806	6.607629	7.326364	8.551064	7.886224	7.857078	6.137439	7.900521
9.129822	8.56806	6.607629	7.326364	8.551064	7.886224	7.857078	6.137439	7.900521
9.129822	8.56806	6.607629	7.326364	8.551064	7.886224	7.857078	6.137439	7.900521
9.129822	8.56806	6.607629	7.326364	8.551064	7.886224	7.857078	6.137439	7.900521
8.13226	8.726383	6.258297	7.144627	7.66259	6.001967	7.388392	6.497155	8.890766
6.44855	4.943249	4.520207	5.243104	5.313359	4.538393	4.73891	4.130055	6.21873
6.028777	5.921886	4.952826	5.624839	5.045368	4.623826	5.597935	4.747395	6.355753
8.827784	10.22326	7.528952	7.913293	8.522525	7.330896	8.218279	7.509265	9.838478

8.479543	8.578106	7.171643	7.264337	7.546427	6.294163	7.529673	6.773624	8.649462
6.927134	6.848289	5.162723	5.854088	6.035486	4.684458	5.855839	5.065488	7.347405
9.694614	8.810575	8.459368	8.726675	8.373491	6.85145	7.834051	6.897758	9.136729
4.605171	4.140835	3.70782	3.903449	3.709237	3.928102	3.722409	3.564587	4.735782
9.402563	8.977459	8.061018	8.843719	9.57304	7.670018	8.775928	7.433317	9.422863
6.389899	5.234165	4.357951	4.870965	5.348417	4.198624	4.919776	4.528972	6.24772
7.340355	7.370411	5.538952	5.902371	6.052346	5.302279	6.603533	5.391026	7.176187
8.451818	8.020463	6.956944	7.421862	8.178157	6.118916	7.809378	6.561584	8.670661
10.01655	9.183309	11.16536	11.42542	9.906359	11.44661	9.914783	11.69109	9.390976
7.091006	7.265224	4.811637	6.349684	6.653649	5.007821	6.052064	4.716464	7.283114
7.091006	7.265224	4.811637	6.349684	6.653649	5.007821	6.052064	4.716464	7.283114
7.091006	7.265224	4.811637	6.349684	6.653649	5.007821	6.052064	4.716464	7.283114
8.694686	7.950059	6.507188	7.708127	7.828955	6.07302	7.332679	6.178174	8.441101
5.03182	5.53758	3.857129	3.980649	4.247813	3.587804	4.227643	3.449951	5.575887
9.042562	9.704427	7.992415	8.654262	8.581057	7.139259	8.582518	7.895134	9.474283
9.279962	8.679542	7.82395	7.579699	8.887665	7.837906	8.119725	7.255535	8.036897
7.322957	7.711326	6.011288	6.416912	6.79229	5.950815	6.611289	6.229941	8.128253
5.979488	7.347595	4.978625	5.247008	5.318767	4.428843	5.458597	5.212227	6.91136
6.059295	4.510671	4.469278	5.017049	4.832024	4.915928	4.844525	4.268917	5.953931
6.649397	7.431314	5.724444	6.022008	5.873783	4.827645	6.134964	5.974961	7.315028
6.738811	7.344414	5.318046	5.83123	6.346717	5.028632	6.033821	5.125712	7.704892
9.774221	9.485864	8.030872	8.489511	9.161695	7.48782	8.813091	7.878362	9.909402
6.410046	6.688256	4.877605	5.371996	5.734454	4.389932	5.415686	4.624309	6.899714
5.485037	5.428629	4.039483	4.331619	4.708351	3.663204	4.455089	3.660201	6.014759
7.014176	7.330068	5.759089	6.394861	6.255856	5.56949	5.899969	5.454091	8.038907
9.969902	8.991062	11.02207	11.30882	9.72995	11.41828	9.815707	11.5058	9.347603
8.519956	8.149563	7.389644	8.167508	7.602092	6.567607	7.476462	7.319817	8.74756
8.277766	8.276341	6.788714	7.522932	7.620575	6.255143	7.192947	6.563956	8.460647
6.695333	5.970821	8.236279	7.882539	7.30087	7.225848	6.715677	7.161244	5.632824
7.10752	7.663624	5.30911	6.140458	6.350812	5.420349	6.451078	5.478474	7.656213
8.695477	9.218635	7.928299	8.05279	7.943274	6.532707	7.771109	7.530232	9.327014
4.769829	4.567121	6.156205	5.981329	5.507002	6.753549	5.608665	6.104952	4.337863
6.210401	5.032998	7.381151	7.170389	6.331902	7.117555	6.570391	6.975722	5.319235
7.241042	7.142924	5.737201	6.221368	6.685119	5.04072	6.297598	5.87045	7.409176
5.174116	4.761843	3.73564	4.299222	3.955794	3.524772	3.791247	3.663337	5.36649
6.276726	5.535454	6.389559	6.654775	7.042824	6.246172	7.701249	7.109587	5.959952
5.707833	5.166273	6.093544	6.052871	7.998016	6.357749	7.468758	5.902063	6.003543
10.12041	10.05598	9.537379	9.403464	8.546356	7.786778	9.90598	8.569635	10.11256
5.411029	6.270199	3.851119	4.671285	4.582327	4.255893	4.313167	4.291609	6.3969
5.410445	5.736247	4.248277	4.865937	4.782051	4.049232	4.697953	4.363902	6.244675
4.577852	4.476864	3.698801	3.92333	4.426422	3.367616	3.386259	2.820076	5.215861
6.406488	6.260533	5.378581	5.303713	5.828404	4.718572	5.210246	4.917387	6.466069
5.516915	6.431234	4.355193	5.077318	4.97513	4.093449	5.010478	4.715558	6.308834
6.278212	7.355004	5.635392	5.847291	5.644941	5.3259	5.641881	5.373924	7.458148
8.419466	9.389975	7.651958	7.904164	8.317692	6.572092	7.823416	6.991419	9.054599
7.875887	7.242507	9.075785	9.205214	7.808491	9.578733	7.96261	9.372373	7.423249
6.027706	6.418063	5.177438	5.260536	4.860523	5.151659	5.587936	5.15684	6.292118
3.411081	3.185618	2.957121	2.824593	3.171539	3.233227	2.92186	2.669383	3.28467

11.4058	11.27337	10.07288	11.0752	9.756997	9.498417	9.685624	8.716212	11.16145
4.201658	3.555385	5.952855	5.248831	4.026119	5.111637	3.993489	5.417446	3.850945
11.71129	12.02516	10.39251	11.16979	11.10172	9.875023	10.94912	9.863535	12.01025
7.446341	5.963642	5.313716	6.018592	6.344788	5.464087	6.322075	5.658024	6.798484
5.33417	5.42547	4.458625	5.00472	5.331286	4.334347	5.126049	4.547252	5.439507
8.16122	7.430031	6.525208	7.169334	7.263055	5.772887	6.910523	6.510845	8.183383
8.345999	8.722164	7.382277	8.014767	7.701522	6.674989	7.733112	7.787029	8.960733
7.217606	7.410479	5.901637	6.303846	6.431283	5.505839	6.398726	5.72803	7.949655
11.37138	12.25453	10.52099	11.00495	10.88386	9.733857	10.73846	9.878238	12.0817
8.643887	7.804238	9.773977	10.00011	8.53246	10.42479	8.865862	9.849488	8.166019
7.10364	7.29404	6.239231	6.403471	6.67656	6.153286	6.268957	5.480602	7.588134
5.980025	5.924043	3.785985	4.746601	5.152871	4.052818	4.729115	4.536665	6.266304
5.741206	5.010977	4.046447	4.599732	4.908963	4.255962	4.696064	4.445277	5.467074
6.917119	7.422208	4.972528	5.994092	6.268184	5.195037	6.506231	5.971178	7.527192
6.286664	6.884967	4.986577	5.671501	6.285688	4.493802	5.950646	5.502797	6.933426
6.136146	5.521748	4.16987	4.811317	4.650607	4.258734	4.326181	4.015028	6.342723
6.769768	6.358075	4.996604	5.663324	5.990825	4.513116	5.984722	4.894481	6.716444
7.031443	6.337197	4.94374	5.6174	5.228195	4.913546	5.399868	4.884679	6.422315
5.10124	5.731676	4.037067	4.165205	4.588417	3.76178	4.671053	3.737567	5.663316
7.324061	7.798453	6.345289	6.915304	7.05209	5.724694	7.049034	5.945431	7.892758
5.666506	4.572334	6.743539	6.750852	6.026532	6.39605	5.80824	7.102916	4.702545
5.666506	4.572334	6.743539	6.750852	6.026532	6.39605	5.80824	7.102916	4.702545
8.459926	7.498291	6.207622	7.034703	7.38386	6.100012	6.822309	6.381488	8.188815
13.02109	12.75041	11.16735	12.23095	12.22869	10.51482	12.14365	10.85944	12.57391
5.680866	6.545284	8.043949	6.886446	7.561733	7.195333	7.133979	6.63195	6.536637
5.319211	4.997208	4.522269	5.241198	4.894433	4.176826	4.269966	3.991292	5.539156
4.347336	4.578838	6.352098	5.833074	5.246868	6.03012	5.420905	6.007875	4.097792
5.781224	5.166178	7.242632	6.81515	6.156989	6.660708	5.96596	7.520294	5.366905
7.243841	6.107338	5.772732	6.109337	6.218566	5.973505	6.418781	6.106739	6.949773
4.611487	4.252097	6.180363	5.195917	6.542048	5.357063	6.770958	4.926767	4.902864
5.803436	5.130571	4.623477	5.419611	4.542124	4.582056	4.539646	4.587737	5.485695
7.839121	7.79568	6.466844	6.478411	7.313445	5.978033	7.291557	6.364069	7.903955
7.979568	6.460536	6.326153	6.549371	6.321436	6.07713	6.109011	6.276484	7.059449
7.006768	5.908551	5.559134	5.946857	6.099541	5.73704	6.129311	5.72804	6.601259
7.001166	7.697043	5.67989	6.210507	6.847603	5.480388	6.454269	5.6552	7.722112
6.755385	6.996756	5.180726	5.569827	5.811098	4.712078	5.898179	5.055212	6.655284
8.968907	9.24917	8.06076	8.29819	8.719954	7.427207	8.349135	7.544436	9.542527
8.686184	8.25177	6.9463	7.110103	8.027629	8.332137	7.421533	6.492494	7.969887
3.179809	2.813343	4.569333	4.033114	3.241582	4.319182	3.233882	4.497602	2.746663
6.420325	6.184879	5.1085	5.316165	5.978366	4.752972	5.856296	5.041134	6.297728

Primary ID	Gene Sym	Gene Desc	Cytoband	DataBase	Source	mRna - Descripti	UniGene ID	Chromoso
MT1G	MT1G	metallothi	16q13	RefSeq	Homo sapiens met	Hs.433391	chr16	
MT1H	MT1H	metallothi	16q13	RefSeq	Homo sapiens met	Hs.438462	chr16	
MT1F	MT1F	metallothi	16q13	RefSeq	Homo sapiens met	Hs.513626	chr16	
TPO	TPO	thyroid per	2p25	RefSeq	Homo sapiens thyr	Hs.467554	chr2	
uc021yst.1	---	---	---	UCSC Genes	---	---	chr6	
SLC34A2	SLC34A2	solute carri	4p15.2	RefSeq	Homo sapiens solu	Hs.479372	chr4	
SLC26A4	SLC26A4	solute carri	7q31	RefSeq	Homo sapiens solu	Hs.571246	chr7	
IYD	IYD	iodotyrosin	6q25.1	RefSeq	Homo sapiens iod	Hs.310225	chr6	
n340297	---	---	---	NONCODE	accn=AF049885 c	---	chr4	
n407932	---	---	---	NONCODE	accn=NR_027621	---	chrX	
n342369	---	---	---	NONCODE	accn=AF333388 c	---	chr1	
n336033	---	---	---	NONCODE	accn=X83219 clas	---	chr21	
n334406	---	---	---	NONCODE	accn=S82616 class	---	chr8	
LRP2	LRP2	low density	2q24-q31	RefSeq	Homo sapiens low	Hs.657729	chr2	
HSPA5	HSPA5	heat shock	9q33.3	RefSeq	Homo sapiens heat	Hs.605502	chr9	
n344917	---	---	---	NONCODE	accn=NULL class	---	chr6	
DIO1	DIO1	deiodinase,	1p33-p32	RefSeq	Homo sapiens deic	Hs.251415	chr1	
n339733	---	---	---	NONCODE	accn=Z70769 clas	---	chr20	
n336012	---	---	---	NONCODE	accn=X79302 clas	---	chr1	
n340776	---	---	---	NONCODE	accn=CR604135 c	---	chr5	
ATP5H	ATP5H	ATP synth:	17q25	RefSeq	Homo sapiens ATI	Hs.514465	chr17	
n335616	---	---	---	NONCODE	accn=CR599628 c	---	chr2	
NOP10	NOP10	NOP10 rib	15q14-q15	RefSeq	Homo sapiens NO	Hs.14317	chr15	
uc021sgz.1	---	---	---	UCSC Genes	---	---	chr15	
uc021shr.1	---	---	---	UCSC Genes	---	---	chr15	
uc002bvt.1	---	---	---	UCSC Genes	---	---	chr15	
uc010uay.1	---	---	---	UCSC Genes	---	---	chr15	
uc021sif.1	---	---	---	UCSC Genes	---	---	chr15	
ENST0000	---	---	---	ENSEMBL	ncrna:miRNA chr	---	chr6	
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n405976	---	---	---	NONCODE	accn=NR_003259	---	chr20	
n333392	---	---	---	NONCODE	accn=BC007040 c	---	chr3	
n337068	---	---	---	NONCODE	accn=DQ185042 c	---	chr11	
PARM1	PARM1	prostate an	4q13.3-q21	RefSeq	Homo sapiens pros	Hs.105460	chr4	
n335561	---	---	---	NONCODE	accn=CR407662 c	---	chr14	
SLC26A4	SLC26A4	SLC26A4 ;	7q22.3	RefSeq	Homo sapiens SL	Hs.512611	chr7	
DIO2	DIO2	deiodinase,	14q24.2-q2	RefSeq	Homo sapiens deic	Hs.202354	chr14	
n342706	---	---	---	NONCODE	accn=CR623805 c	---	chr5	
MT1L	MT1L	metallothi	16q13	RefSeq	Homo sapiens met	Hs.647358	chr16	
n340120	---	---	---	NONCODE	accn=AK025205 c	---	chr4	
n406556	---	---	---	NONCODE	accn=NR_024058	---	chr17	
MT1JP	MT1JP	metallothi	16q13	RefSeq	Homo sapiens met	Hs.738415	chr16	
n408158	---	---	---	NONCODE	accn=NR_028137	---	chr7	
TG	TG	thyroglobu	8q24	RefSeq	Homo sapiens thyr	Hs.654591	chr8	
uc021vey.1	---	---	---	UCSC Genes	---	---	chr2	
uc022avi.1	---	---	---	UCSC Genes	---	---	chr8	
LGMN	LGMN	legumain	14q32.1	RefSeq	Homo sapiens legu	Hs.18069	chr14	

n332905	---	---	---	NONCODE	accn=AF086290 c ---	chr11
n335609	---	---	---	NONCODE	accn=CR598013 c---	chr17
n334336	---	---	---	NONCODE	accn=S71022 class---	chr12
n337244	---	---	---	NONCODE	accn=BC127261 c---	chr3
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ENPP1	ENPP1	ectonucleo	6q22-q23	RefSeq	Homo sapiens ectoHs.527295	chr6
n334694	---	---	---	NONCODE	accn=AJ005694 c ---	chr2
n342829	---	---	---	NONCODE	accn=AF124366 c ---	chr8
n338599	---	---	---	NONCODE	accn=D84239 clas---	chr19
DCSTAM1	DCSTAM1	dendrocyte	8q23	RefSeq	Homo sapiens denHs.652230	chr8
SNORA22	SNORA22	small nucle	7q11.21	RefSeq	Homo sapiens smaHs.675336	chr7
n342483	---	---	---	NONCODE	accn=BC070351 c---	chr16
uc021wsr.1	---	---	---	UCSC Genes	---	chr3
ISM1	ISM1	isthmin 1	h20p12.1	RefSeq	Homo sapiens isthHs.559353	chr20
ALDH1A1	ALDH1A1	aldehyde d	9q21.13	RefSeq	Homo sapiens aldeHs.76392	chr9
n335579	---	---	---	NONCODE	accn=CR542233 c---	chr11
MT1X	MT1X	metallothi	c16q13	RefSeq	Homo sapiens metHs.374950	chr16
n340720	---	---	---	NONCODE	accn=X97302 clas---	chr17
ENST0000	---	---	---	ENSEMBL	ncrna:snRNA chro---	chr4
FCGBP	FCGBP	Fc fragmen	t19q13.1	RefSeq	Homo sapiens Fc fHs.111732	chr19
uc022bdw.	---	---	---	UCSC Genes	---	chr9
n332412	---	---	---	NONCODE	accn=AB439565 c---	chr2
ATP6V0E	ATP6V0E	ATPase, H	5q35.1	RefSeq	Homo sapiens ATIHs.484188	chr5
PLVAP	PLVAP	plasmalem	n19p13.2	GenBank	Homo sapiens plasHs.107125	chr19
uc004buf.1	---	---	---	UCSC Genes	---	chr9
TCONS_12	---	---	---	Broad TUCP	linc-CHRFAM7A---	chr15
SLIRP	SLIRP	SRA stem-	14q24.3	RefSeq	Homo sapiens SR/Hs.655105	chr14
TCONS_12	---	---	---	Broad TUCP	linc-HOXA13-3 ct---	chr7
uc022bkn.	---	---	---	UCSC Genes	---	chr9
uc010wcn.	---	---	---	UCSC Genes	---	chr17
n406409	---	---	---	NONCODE	accn=NR_015432 ---	chr20
SORBS2	SORBS2	sorbin and	4q35.1	RefSeq	Homo sapiens sortHs.619806	chr4
SNORA24	SNORA24	small nucle	4q26	RefSeq	Homo sapiens smaHs.731292	chr4
uc002bxu.	---	---	---	UCSC Genes	---	chr15
uc021sxz.1	---	---	---	UCSC Genes	---	chr15
uc021syd.1	---	---	---	UCSC Genes	---	chr15
uc021syj.1	---	---	---	UCSC Genes	---	chr15
uc002byy.	---	---	---	UCSC Genes	---	chr15
uc002bzh.1	---	---	---	UCSC Genes	---	chr15
uc010uso.1	---	---	---	UCSC Genes	---	chr15
uc021syo.1	---	---	---	UCSC Genes	---	chr15
uc021syr.1	---	---	---	UCSC Genes	---	chr15
uc021syu.1	---	---	---	UCSC Genes	---	chr15
ITM2B	ITM2B	integral me	13q14.3	RefSeq	Homo sapiens inteHs.643683	chr13
ENST0000	---	---	---	ENSEMBL	ncrna:lincRNA chi---	chr20
MT1M	MT1M	metallothi	c16q13	RefSeq	Homo sapiens metHs.647370	chr16
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COX6A1	COX6A1	cytochrome c oxidase subunit 6A1	12q24.2 12	RefSeq	Homo sapiens cytochrome c oxidase subunit 6A1	Hs.369624	chr12
CD164	CD164	CD164	6q21	RefSeq	Homo sapiens CD164	Hs.520313	chr6
ENST00000100000	---	---	---	ENSEMBL	ncrna:snoRNA	chr---	chr7
MT1CP	MT1CP	metallothionein 1C	---	ENSEMBL	cdna:pseudogene	c---	chr16
uc022ajd.1	---	---	---	UCSC Genes	---	---	chr7
LPCAT2	LPCAT2	lysophospholipase 2	16q12.2	RefSeq	Homo sapiens lysophospholipase 2	Hs.460857	chr16
n335671	---	---	---	NONCODE	accn=CR614667	c---	chr6
n335564	---	---	---	NONCODE	accn=CR541691	c---	chr19
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MIR1184	MIR1184	microRNA-1184	---	RefSeq	Homo sapiens microRNA-1184	---	chrX
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n338841	---	---	---	NONCODE	accn=BC032061	c---	chr2
n410680	---	---	---	NONCODE	accn=NR_037930	---	chr20
n333985	---	---	---	NONCODE	accn=M16439	clas---	chr12
uc002beh.2	---	---	---	UCSC Genes	---	---	chr15
DYNLRB1	DYNLRB1	dynein, light chain 1	20q11.21	RefSeq	Homo sapiens dynein, light chain 1	Hs.593920	chr20
n382000	---	---	---	NONCODE	accn=NULL	class=---	chr13
PRR15L	PRR15L	proline rich protein 15L	17q21.32	RefSeq	Homo sapiens proline rich protein 15L	Hs.368260	chr17
NDUFA1	NDUFA1	NADH dehydrogenase subunit 1	Xq24	RefSeq	Homo sapiens NADH dehydrogenase subunit 1	Hs.534168	chrX
DAD1	DAD1	defender against cancer 1	14q11.2	RefSeq	Homo sapiens defender against cancer 1	Hs.82890	chr14
TCONS_12	---	---	---	Broad TUCP	linc-CXCR4-1	chr---	chr2
RAB1A	RAB1A	RAB1A, member 1A	2p14	RefSeq	Homo sapiens RAB1A, member 1A	Hs.310645	chr2
n342837	---	---	---	NONCODE	accn=D84145	clas---	chr8
HSBP1	HSBP1	heat shock protein 1	16q23.3	RefSeq	Homo sapiens heat shock protein 1	Hs.250899	chr16
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MT1E	MT1E	metallothionein 1E	16q13	RefSeq	Homo sapiens metallothionein 1E	Hs.534330	chr16
PRDX1	PRDX1	peroxiredoxin 1	1p34.1	RefSeq	Homo sapiens peroxiredoxin 1	Hs.180909	chr1
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PSMB3	PSMB3	proteasome subunit 3	17q12	RefSeq	Homo sapiens proteasome subunit 3	Hs.82793	chr17
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MIR412	MIR412	microRNA-412	14q32.31	RefSeq	Homo sapiens microRNA-412	---	chr14
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n342328	---	---	---	NONCODE	accn=CR615358	c---	chr19
n407039	---	---	---	NONCODE	accn=NR_024537	---	chr1
CAMK2N	CAMK2N	calcium/calmodulin-dependent kinase 2N	1p36.12	RefSeq	Homo sapiens calcium/calmodulin-dependent kinase 2N	Hs.731383	chr1
DTX4	DTX4	deltex homolog 4	11q12.1	RefSeq	Homo sapiens deltex homolog 4	Hs.523696	chr11
MT2A	MT2A	metallothionein 2A	16q13	RefSeq	Homo sapiens metallothionein 2A	Hs.647371	chr16
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TCONS_12	---	---	---	Broad TUCP	linc-SLC25A16-1	---	chr10
n335185	---	---	---	NONCODE	accn=AY429542	c---	chr5
ASAH1	ASAH1	N-acylsphingosine 1-phosphatase 1	8p22	RefSeq	Homo sapiens N-acylsphingosine 1-phosphatase 1	Hs.527412	chr8
LINC0049	LINC0049	long intergenic non-coding RNA 49	20p11.23	RefSeq	Homo sapiens long intergenic non-coding RNA 49	Hs.349092	chr20
UBL5	UBL5	ubiquitin-like protein 5	19p13.3	RefSeq	Homo sapiens ubiquitin-like protein 5	Hs.534477	chr19
n342714	---	---	---	NONCODE	accn=AF275799	c---	chr5
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MT1A	MT1A	metallothionein 1A	16q13	RefSeq	Homo sapiens metallothionein 1A	Hs.655199	chr16
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SNORD15	SNORD15	small nucle	11q13.4	RefSeq	Homo sapiens sma	Hs.689080	chr11
uc022bin.1	---	---	---	UCSC Genes	---	---	chr9
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TCONS_12	---	---	---	Broad TUCP	linc-ARHGAP11B	---	chr15
MAT2A	MAT2A	methionine	2p11.2	RefSeq	Homo sapiens met	Hs.516157	chr2
CD24	CD24	CD24 mole	6q21	RefSeq	Homo sapiens CD	Hs.644105	chrY
COX8A	COX8A	cytochrom	11q12-q13	RefSeq	Homo sapiens cytc	Hs.731503	chr11
ATP5B	ATP5B	ATP synth	12q13.13	RefSeq	Homo sapiens ATI	Hs.406510	chr12
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n343017	---	---	---	NONCODE	accn=NR003038 c	---	chr17
n332652	---	---	---	NONCODE	accn=AB050778 c	---	chrX
EIF2B2	EIF2B2	eukaryotic	14q24.3	RefSeq	Homo sapiens euk	Hs.409137	chr14
n333730	---	---	---	NONCODE	accn=L05087 clas	---	chr16
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n332455	---	---	---	NONCODE	accn=EU039832 c	---	chr11
n335659	---	---	---	NONCODE	accn=CR611267 c	---	chr17
SCPEP1	SCPEP1	serine carb	17q22	RefSeq	Homo sapiens seri	Hs.514950	chr17
SF3B14	SF3B14	splicing fac	2pter-p25.1	RefSeq	Homo sapiens spli	Hs.177861	chr2
n407029	---	---	---	NONCODE	accn=NR_024525	---	chr16
RN5S520	RN5S520	RNA, 5S ri	---	ENSEMBL	ncrna:rRNA chron	---	chrY
RN5S523	RN5S523	RNA, 5S ri	---	ENSEMBL	ncrna:rRNA chron	---	chrY
CANX	CANX	calnexin	5q35	RefSeq	Homo sapiens caln	Hs.567968	chr5
RMRP	RMRP	RNA comp	9p21-p12	RefSeq	Homo sapiens RN	---	chr9
uc001jsq.1	---	---	---	UCSC Genes	---	---	chr10
n406527	---	---	---	NONCODE	accn=NR_024040	---	chr8
ENST0000	---	---	---	ENSEMBL	ncrna:snRNA chro	---	chr17
uc021wtt.1	---	---	---	UCSC Genes	---	---	chr3
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FOXQ1	FOXQ1	forkhead b	6p25	RefSeq	Homo sapiens fork	Hs.591352	chr6
MATN2	MATN2	matrilin 2	8q22	RefSeq	Homo sapiens mat	Hs.189445	chr8
n333029	---	---	---	NONCODE	accn=AF172940 c	---	chr2
C16orf89	C16orf89	chromoson	16p13.3	RefSeq	Homo sapiens chr	Hs.11782	chr16
ENST0000	---	---	---	ENSEMBL	ncrna:miRNA chr	---	chr15
n408250	---	---	---	NONCODE	accn=NR_028436	---	chr22
GNS	GNS	glucosamir	12q14	RefSeq	Homo sapiens gluc	Hs.334534	chr12
RPL24	RPL24	ribosomal	13q12	RefSeq	Homo sapiens ribo	Hs.477028	chr3
uc001zep.3	---	---	---	UCSC Genes	---	---	chr15
RN5S240	RN5S240	RNA, 5S ri	---	ENSEMBL	ncrna:rRNA chron	---	chr7
n409616	---	---	---	NONCODE	accn=NR_033999	---	chr7

Strand	Start	Stop	locus type
-	56700647	56701977	Coding
+	56703726	56705041	Coding
+	56691855	56693215	Coding
+	1377995	1547483	Coding
+	28732164	28732236	Coding
+	25656923	25680370	Coding
+	1.07E+08	1.07E+08	Coding
+	1.51E+08	1.51E+08	Coding
-	1.87E+08	1.87E+08	NonCoding
+	1.35E+08	1.35E+08	NonCoding
-	2.37E+08	2.37E+08	NonCoding
-	35279646	35281515	NonCoding
-	1.01E+08	1.01E+08	NonCoding
-	1.7E+08	1.7E+08	Coding
-	1.28E+08	1.28E+08	Coding
+	86386800	86388112	NonCoding
+	54356912	54376759	Coding
-	57486024	57486241	NonCoding
-	54387384	54395775	NonCoding
-	1.79E+08	1.79E+08	NonCoding
-	73032145	73043080	Coding
-	1.76E+08	1.76E+08	NonCoding
-	34633914	34635378	Coding
+	30393356	30393381	Coding
+	30862353	30862378	Coding
+	1E+08	1E+08	Coding
-	30688271	30688296	Coding
-	32729620	32729645	Coding
-	1.51E+08	1.51E+08	Coding
+	26204874	26205181	NonCoding
+	57464180	57486247	NonCoding
+	1.7E+08	1.7E+08	NonCoding
+	32605444	32610660	NonCoding
+	75858285	75975325	Coding
-	24686337	24687655	NonCoding
-	1.07E+08	1.07E+08	Coding
-	80663868	80697397	Coding
+	1.5E+08	1.5E+08	NonCoding
+	56651373	56652730	Coding
+	75973296	75975323	NonCoding
-	1247834	1303556	NonCoding
+	56669651	56670998	Coding
-	1.07E+08	1.07E+08	NonCoding
+	1.34E+08	1.34E+08	Coding
+	27274082	27274154	Coding
+	67026424	67026496	Coding
-	93170152	93215047	Coding

+ 58949599 58956828 NonCoding
+ 39847468 39847896 NonCoding
- 1.13E+08 1.13E+08 NonCoding
+ 53213605 53217212 NonCoding
+ 56669651 56670998 NonCoding
+ 23801275 23804327 NonCoding
+ 1.32E+08 1.32E+08 Coding
+ 54886307 54887268 NonCoding
+ 11279007 11280443 NonCoding
- 40353971 40440533 NonCoding
+ 1.05E+08 1.05E+08 Coding
+ 65220513 65220646 Coding
+ 56651373 56652729 NonCoding
+ 9087186 9087259 Coding
+ 13202418 13281298 Coding
- 75515578 75695358 Coding
+ 74676920 74688085 NonCoding
+ 56716336 56718108 Coding
+ 46029621 46029874 NonCoding
- 48111370 48111427 Coding
- 40353963 40440533 Coding
- 19200877 19200903 Coding
- 85886447 85888635 NonCoding
+ 1.72E+08 1.72E+08 Coding
- 17462264 17488148 Coding
- 1.31E+08 1.31E+08 Coding
- 30704541 30712576 NonCoding
+ 78174414 78187450 Coding
- 27495996 27498498 NonCoding
+ 98680446 98680471 Coding
- 34242762 34242791 Coding
+ 18548073 18550203 NonCoding
- 1.87E+08 1.87E+08 Coding
+ 1.19E+08 1.19E+08 Coding
- 1.02E+08 1.02E+08 Coding
- 1.02E+08 1.02E+08 Coding
- 1.02E+08 1.02E+08 Coding
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- 1.02E+08 1.02E+08 Coding
- 1.02E+08 1.02E+08 Coding
+ 48807274 48837063 Coding
- 24911284 24913619 Coding
+ 56666534 56667898 Coding
+ 2.26E+08 2.26E+08 NonCoding

+ 1.21E+08 1.21E+08 Coding
- 1.1E+08 1.1E+08 Coding
+ 64526377 64526510 Coding
+ 56682743 56683426 Coding
+ 1.02E+08 1.02E+08 Coding
+ 55542910 55620582 Coding
- 26055935 26056500 NonCoding
+ 8455302 8468439 NonCoding
+ 1.07E+08 1.07E+08 Coding
- 1.54E+08 1.54E+08 Coding
+ 1.55E+08 1.55E+08 Coding
- 1.55E+08 1.55E+08 Coding
+ 54684398 54856341 NonCoding
- 57603733 57617901 NonCoding
- 54059021 54062993 NonCoding
- 79042403 79042433 Coding
+ 33104204 33128762 Coding
+ 28519343 28519709 NonCoding
- 46029334 46035110 Coding
+ 1.19E+08 1.19E+08 Coding
- 23033805 23058175 Coding
- 1.37E+08 1.37E+08 NonCoding
- 65297835 65357435 Coding
+ 30013813 30041052 NonCoding
+ 83841593 83846594 Coding
- 1.24E+08 1.24E+08 Coding
+ 56659387 56661024 Coding
- 45976707 45988719 Coding
- 1.02E+08 1.02E+08 Coding
+ 36909002 36920483 Coding
- 666225 668127 NonCoding
+ 1.02E+08 1.02E+08 Coding
- 1.02E+08 1.02E+08 Coding
- 16741575 16770941 NonCoding
- 1.1E+08 1.1E+08 NonCoding
- 20808884 20812728 Coding
+ 58938903 58976060 Coding
+ 56642111 56643409 Coding
+ 1.1E+08 1.1E+08 NonCoding
- 70304127 70304647 NonCoding
+ 74641424 74646646 NonCoding
- 17913925 17942507 Coding
+ 18548064 18550207 Coding
+ 9938556 9940797 Coding
- 1.72E+08 1.72E+08 NonCoding
- 60093218 60093298 Coding
+ 56672578 56673999 Coding
- 36089937 36090503 NonCoding

+ 75115465 75115610 Coding
- 82480843 82480885 Coding
- 93477374 93477451 Coding
+ 30846790 30848689 NonCoding
+ 85766101 85772403 Coding
- 21152526 21154705 Coding
+ 63742079 63744015 Coding
- 57031959 57039852 Coding
- 40834311 40834720 NonCoding
+ 47243803 47243875 Coding
- 47416677 47417192 NonCoding
- 1.03E+08 1.03E+08 NonCoding
+ 75469612 75476294 Coding
- 67472406 67472900 NonCoding
- 94545627 94547513 NonCoding
+ 17298287 17317713 NonCoding
- 662783 663400 NonCoding
+ 55055468 55084129 Coding
- 24290454 24299314 Coding
- 66965958 66968320 NonCoding
+ 19669744 19669856 Coding
- 20509921 20510033 Coding
+ 1.79E+08 1.79E+08 Coding
- 35657748 35658015 Coding
+ 73821848 73822403 Coding
- 19261672 19540261 NonCoding
- 10761216 10761321 Coding
- 17741392 17741464 Coding
+ 30844183 30851659 Coding
+ 1312675 1314993 Coding
+ 98881068 99048946 Coding
+ 30369827 30381647 NonCoding
- 5094123 5116146 Coding
- 32736888 32747835 Coding
+ 21921957 21978323 NonCoding
- 65107222 65153227 Coding
- 1.01E+08 1.01E+08 Coding
- 30862334 30862366 Coding
- 1.21E+08 1.21E+08 Coding
- 1.39E+08 1.39E+08 NonCoding