

#Refseq Gene	Cluster start	Cluster end	Cluster score
NM_001080825	TMEM120B	6801 6839	6.73598845977
NM_018476	BEX1 435	506	5.94203171117
NM_004107	FCGRT 904	970	5.28688685208
NM_004107	FCGRT 1130	1216	6.60898196623
NM_004104	FASN 4051	4089	5.35453491128
NM_004104	FASN 6516	6590	6.09551810562
NM_004104	FASN 5503	5559	6.3585457804
NM_004104	FASN 4788	4841	4.77358327968
NM_004104	FASN 767	817	6.09551786971
NM_004104	FASN 4464	4498	6.35453491128
NM_004104	FASN 3090	3228	6.94351501218
NM_004104	FASN 5428	5499	6.09551137457
NM_004104	FASN 5812	5893	5.77359001074
NM_004104	FASN 4382	4449	5.35855227554
NM_004104	FASN 2616	2670	3.68945080135
NM_004104	FASN 4917	5052	7.35855251146
NM_004104	FASN 5314	5392	7.23302162937
NM_004104	FASN 8433	8474	3.77358327968
NM_004104	FASN 6154	6209	6.09551810562
NM_004104	FASN 3567	3637	5.35855250391
NM_007100	ATP5I 239	278	1.54655581744
NM_007107	SSR3 515	565	6.47528546246
NM_007107	SSR3 365	420	4.15335713166
NM_007107	SSR3 422	463	5.39114625308
NM_000483	APOC2 368	408	3.5205845322
NM_000483	APOC2 294	340	3.52460212482
NM_012181	FKBP8 113	166	6.42037285945
NM_012181	FKBP8 700	751	3.6130177017
NM_001682	ATP2B1 3471	3540	7.27545336875
NM_001682	ATP2B1 2079	2113	7.51324898531
NM_001682	ATP2B1 2206	2257	6.27545336875
NM_001683	ATP2B2 1227	1253	9.40626149304
NM_001680	FXVD2 63	114	7.95987939048
NM_001686	ATP5B 1184	1221	4.52993439332
NM_001686	ATP5B 629	695	4.52992766227
NM_021029	RPL36A 341	378	1.17525312239
NM_001011725	HNRNPA1L2	1347 1417	2.90301632945
NM_003359	UGDH 1149	1205	3.71516188934
NM_005660	SLC35A2 1275	1333	9.50998633331
NM_020199	C5orf15 550	644	9.26871810744
NM_020198	CCDC47 1008	1053	5.40966218889
NM_020198	CCDC47 947	993	6.17519693526
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NM_020198	CCDC47 1255	1293	5.25765909522
NM_020198	CCDC47 1690	1754	3.66867899455
NM_020198	CCDC47 1446	1495	5.08371649383
NM_020198	CCDC47 1306	1330	3.58855738534
NM_020198	CCDC47 1201	1249	4.67269659473

NM_020198	CCDC47	684	724	5.08773385809
NM_020198	CCDC47	514	589	5.087734094
NM_020198	CCDC47	259	309	3.58855738534
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NM_020190	OLFML3	501	539	11.4272681346
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NM_005665	EVI5	246	265	7.39031573111
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NM_003685	KHSRP	893	963	3.81453021456
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NM_024292	UBL5	327	365	5.32989823577
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NM_032508	TMEM185A		130	183 7.13952111752
NM_002087	GRN	247	288	8.2065829643
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NM_015602	TOR1AIP1		1595	1632 8.76202343971
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NM_015601	HERC4	219	240	6.90922050642
NM_002223	ITPR2	10083	10102	3.72115867344
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NM_018050	MANSC1	1507	1538	7.5773399155
NM_001130006	GSPT1	243	298	4.9963407532
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NM_001853	COL9A3	211	299	9.34993509238
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NM_001204510	EIF4A1	668	732	3.64768187366
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NM_004649	C21orf33		887	907 5.56523984755
NM_001201380	CNTNAP3B		2405	2440 11.6952932245
NM_004315	ASAH1	1387	1434	4.28475449861
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NM_016456	TMEM9	462	534	7.4840443764
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NM_001689	ATP5G3	271	309	3.59646552788
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NM_002945	RPA1	1579	1621	5.90186138703	
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NM_022756	MEAF6	4178	4216	3.62062963046
NM_015161	ARL6IP1	107	188	6.80616687099
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NM_000310	PPT1	877	912	7.47359767665
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NM_021228	SCAF1	308	329	9.19852966997
NM_138785	C6orf72	767	793	5.71327138653
NM_173514	SLC38A9	1842	1872	9.88438006656
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NM_003375	VDAC2	956	992	3.12459890422

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NM_001170937	FUS	712	782	4.99372447933
NM_006435	IFITM2	221	274	9.69283262186
NM_006435	IFITM2	324	377	9.27779513013
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NM_001960	EEF1D	933	1027	3.64101530599
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NM_006432	NPC2	470	503	8.05841079915
NM_006432	NPC2	170	223	5.73648270426
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NM_015478	L3MBTL1	434	455	7.97531248073
NM_001040446	MTMR12	4067	4092	6.08698089224
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NM_018211	RAVER2	4034	4055	9.66184161942
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NM_002203	ITGA2	2988	3017	8.03017344505
NM_002203	ITGA2	659	687	7.61915331003
NM_002203	ITGA2	577	608	8.27197993073
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NM_032565	EBPL	579	638	6.48173501987	
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NM_004046	ATP5A1	1496	1530	3.98561268135	
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NM_033161	SURF4	526	584	6.9353211906	
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NM_001184796	ESYT1	411	508	9.60241234914	
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NM_001184796	ESYT1	544	629	9.45040925569	
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NM_001184796	ESYT1	1116	1178	8.60241234914	
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NM_001184796	ESYT1	1342	1432	9.98092397239	
NM_001184796	ESYT1	3120	3225	9.45040925569	
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NM_001099409	EHBP1L1	3708	3739	8.02031774219	
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NM_080476	PIGU	1253	1311	6.86268237224	
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NM_001034852	SMOC1	1485	1523	5.44002101515	
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NM_001784	CD97	713	755	11.5216959272	
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NM_001164508	NEB	4219	4241	12.9842564617
NM_182646	CPEB2	1048	1080	10.8391769753
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NM_152280	SYT11	929	1019	13.176303869
NM_001024912	CEACAM1	597	653	4.49985058166
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NM_016306	DNAJB11	355	404	3.4756764763
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NM_015966	ERGIC3	449	517	4.39834914804
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NM_015966	ERGIC3	596	685	3.5238800299
NM_015965	NDUFA13	233	287	2.7241345799
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NM_172251	MRPL54	287	306	4.91438119683
NM_001032281	TFPI	854	895	2.3467291511
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XM_929503	OSTCP2	238	265	8.8076258074
NM_031407	HUWE1	4163	4226	6.64789592337
NM_031157	HNRNPA1	203	259	2.18279863693
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NM_014762	DHCR24	1170	1246	4.8202971105
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NM_014765	TOMM20	613	660	5.47845363019
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NM_006098	GNB2L1	664	733	-0.0979349005912
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NM_018685	ANLN	3398	3442	7.66241678799
NM_018687	C19orf80		279	349 7.90312389655
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NM_032717	AGPAT9	877	919	9.60802129742
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NM_015149	RGL1	598	618	9.33584431351
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NM_170665	ATP2A2	1645	1695	6.56244435115
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NM_001146152	CYP51A1	927	974	7.16072873195
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NM_021064	HIST1H2AG		34	71 10.3893662773
NM_001142676	CHID1	673	759	8.40167789925
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NM_002127	HLA-G	725	754	8.50431758322
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NM_000374	UROD	560	605	6.19817705445
NM_133264	WIPF2	40	91	8.46910858973
NM_001166133	FRAS1	2459	2524	10.7168806778
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NM_003312	TST	666	698	6.61930693913
NM_153615	RGL4	159	177	10.9041912574
NM_004859	CLTC	2268	2306	5.31307243854

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NM_004501	HNRNPU	601	698	4.52210138251
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NM_004852	ONECUT2	153	202	11.1622512777
NM_000196	HSD11B2	53	77	10.0277872501
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NM_002047	GARS	516	554	3.63626660604
NM_002046	GAPDH	347	391	1.86435058608
NM_002046	GAPDH	545	594	-0.131805564067
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NM_002265	KPNB1	1396	1441	3.67660968183
NM_002266	KPNA2	1459	1513	3.36198147589
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NM_001025234	TSPAN4	541	580	9.19210048249
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NM_198335	GANAB	1770	1858	7.3943791828	
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NM_198335	GANAB	2877	3019	9.1105862168	
NM_198335	GANAB	1177	1542	11.505887498	
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NM_019107	C19orf10		806	855 6.5773050658
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NM_006854	KDELR2	727	764	6.49439013062
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NM_031307	PUS3	20	41	5.94597987898
NM_001136049	LMLN	2925	2961	10.8675178563
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NM_003730	RNASSET2	617	660	2.2080468397
NM_001145461	YIF1B	749	795	8.49705118907
NM_001008800	CCT3	706	750	4.12243116175
NM_005080	XBP1	647	682	3.14223540489
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NM_005779	LHFPL2	35	58	8.22498634575
NM_016127	TMEM66	955	998	2.49316267537
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NM_138373	MYADM	1070	1133	11.068374966
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NM_181575	AUP1	816	858	4.74699509309	
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NM_198536	TMEM205	1151	1186	10.0789443689	
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NM_003038	SLC1A4	954	978	8.53569616231	
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NM_020410	ATP13A1	771	821	9.66448217839
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NM_025179	PLXNA2	1175	1196	11.1316017535
NM_145059	FUK	2023	2044	11.9612455059
NM_017491	WDR1	1057	1092	5.44616013602
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NM_005499	UBA2	859	890	2.52985702511	
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NM_005497	GJC1	773	840	11.2297113949	
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NM_080866	SLC22A9	720	753	7.5221403306	
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NM_001004	RPLP2	165	223	2.74995623101	
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NM_001554	CYR61	1007	1063	10.4864402984	
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NM_000201	ICAM1	628	709	7.08980884815
NM_000201	ICAM1	1406	1546	8.54924046679
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NM_000972	RPL7A	353	414	0.703141402166
NM_000970	RPL6	552	591	2.33313078354
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NM_000204	CFI	1813	1859	3.41590256379
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NM_001017392	SUGP2	2825	2851	6.29003086412
NM_005801	EIF1	452	489	0.336535320774
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NM_002468	MYD88	481	501	6.10121064562
NM_031965	GSG2	2669	2730	11.5196593989
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NM_022121	PERP	459	499	7.14344512922
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NM_213560	PKN1	2322	2368	6.57695103772
NM_030758	OSBP2	79	101	10.6804981774
NM_173471	SLC25A26		1497	1516 8.5606926339
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NM_004444	EPHB4	1054	1132	8.19881681155
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NM_001610	ACP2	1251	1301	9.50545311657
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NM_001614	ACTG1	70	118	2.12326124793
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NM_004225	MFHAS1	758	796	7.36513396943
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NM_002128	HMGB1	460	500	1.01899283128
NM_001010911	C10orf114		1706	1727 9.61015049523
NM_001024736	CD276	1712	1808	6.89007955954
NM_006597	HSPA8	1168	1258	4.42936323715
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NM_006597	HSPA8	2057	2091	-0.155599499491
NM_006597	HSPA8	1474	1530	2.4293565061
NM_006597	HSPA8	751	793	1.84440050051
NM_006597	HSPA8	472	537	1.42534563698
NM_006597	HSPA8	675	705	0.760261527044
NM_006597	HSPA8	357	432	3.30383235506
NM_006597	HSPA8	1442	1473	2.08218962193
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NM_006598	SLC12A7	717	759	7.99383159899
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NM_002372	MAN2A1	1952	1979	6.21199172703
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NM_032020	FUCA2	1161	1226	4.95853791538
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NM_016029	DHRS7	285	380	9.13934415401
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NM_016026	RDH11	277	336	7.66161893332
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NM_138501	TECR	1036	1070	6.93866198788
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NM_138501	TECR	302	356	7.1764511093
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NM_138501	TECR	689	717	6.51960712435
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NM_004055	CAPN5	2900	2919	11.1175006176
NM_000224	KRT18	694	746	5.17689122549
NM_000224	KRT18	137	172	4.52480779785
NM_000224	KRT18	564	610	4.52079692873
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NM_173647	RNF149	31	109	7.71711345727
NM_017519	ARID1B	1367	1394	7.17064748639
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NM_001017367	C4BPB	238	275	4.65701401703
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NM_153705	KDELC2	1162	1205	6.66955021984
NM_153705	KDELC2	842	870	7.08441396881
NM_153702	ELMOD2	445	501	6.91091594378
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NM_006360	EIF3M	58	94	2.29757968366
NM_001622	AHSG	1409	1511	2.91501091389
NM_001622	AHSG	760	828	1.53649929063
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NM_001622	AHSG	1111	1165	1.12146179135
NM_001622	AHSG	893	965	2.34385421269
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NM_001622	AHSG	79	234	3.60688861852
NM_001622	AHSG	587	748	3.0219261178
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NM_020755	SERINC1	1015	1052	5.35369981331
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NM_005866	SIGMAR1	367	413	8.14359746921
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NM_018320	RNF121	1226	1263	6.78758552374
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NM_004819	SYMPK	156	182	5.64154562556
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NM_005134	PPP4R1	3500	3519	5.78870908741
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NM_182776	MCM7	683	734	5.45318655444
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NM_001633	AMBP	211	244	-0.661512403623
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NM_001633	AMBP	344	578	5.73097876947
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NM_003851	CREG1	664	693	8.66376086266
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NM_203341	SEP15	468	504	5.34981580355
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NM_182828	GDF7	694	729	9.91651906379
NM_002106	H2AFZ	271	343	3.99830557486
NM_024047	NUDT9	760	811	8.28866454927
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NM_177969	PPM1B	230	253	6.32115775002
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NM_003676	DEGS1	369	393	7.95783369213
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NM_018407	LAPTM4B	974	1009	6.29302422764
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NM_021626	SCPEP1	1361	1429	8.63887590462
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NM_017750	RETSAT	378	425	8.99027097576
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NM_178324	SPTLC1	241	288	5.37084574726
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NM_000245	MET	3973	4012	7.14011439588
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NM_000715	C4BPA	920	982	8.68519893605
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NM_000715	C4BPA	700	732	7.14162810803
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NM_000715	C4BPA	1260	1306	7.5476954123
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NM_000715	C4BPA	1802	1842	6.81072958221
NM_000715	C4BPA	1211	1260	9.03312223947
NM_000715	C4BPA	1725	1785	6.2257673174
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NM_145201	NAPRT1	539	557	10.8673194795
NM_139056	ADAMTS16		1003	1028 13.2746363292
NM_006386	DDX17	1360	1422	6.15554010098
NM_006389	HYOU1	1336	1390	6.92430915599
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NM_024907	FBX017	805	826	7.46409365725
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NM_001007027	ALG8	495	550	9.89954958568
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NM_005159	ACTC1	477	521	10.3396436784
NM_001923	DDB1	1893	1956	5.48146988134
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NM_001382	DPAGT1	1157	1196	9.40173706462
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NM_000527	LDLR	2394	2432	5.31333516514
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NM_000527	LDLR	545	606	6.89830439691
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NM_000521	HEXB	1616	1746	8.58642063835
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NM_001654	ARAF	407	459	8.51126976386
NM_001165895	CD320	81	142	6.02850216846
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NM_015140	TTLL12	2	37	8.87842284775
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NM_000382	ALDH3A2	22	98	7.27146895356
NM_007176	C14orf1	598	630	6.10335608781
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NM_003870	IQGAP1	3628	3668	6.62482256793
NM_003878	GGH	739	784	6.93520599543
NM_145690	YWHAZ	872	925	2.5943460921
NM_025191	EDEM3	472	494	6.13715421044
NM_003380	VIM	1723	1774	10.4143097163
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NM_153377	LRIG3	2262	2300	10.199534614
NM_153377	LRIG3	2872	2913	10.7846706291
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NM_003234	TFRC	1817	1900	5.99985213785
NM_003234	TFRC	2611	2663	4.71974398273
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NM_001195731	CHPF	373	469	7.56749743658
NM_014501	UBE2S	981	1032	7.02085720189
NM_014506	TOR1B	722	748	7.15790933047
NM_014505	KCNMB4	338	370	11.6674172822
NM_005437	NCOA4	1427	1495	2.29808048903
NM_003129	SQLE	1288	1334	5.54060253381
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NM_003655	CBX4	1653	1691	5.70108017001
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NM_016827	OGG1	132	156	5.99386432284
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NM_024650	C11orf80		925	969 11.5397993096
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NM_024652	LRRK1	141	162	13.9935042818
NM_024656	GLT25D1	1268	1335	7.65499791265
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NM_006996	SLC19A2	225	258	9.80329832416
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NM_053039	UGT2B28 999	1034	10.5847584181	
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NM_003107	S0X4	1452	1476	10.9072338491
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NM_003101	S0AT1	1701	1789	9.71259758764
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NM_001089	ABCA3	2256	2301	13.2468959718
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NM_213647	FGFR4	314	355	7.82906515499
NM_213647	FGFR4	1524	1581	7.2441093851
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NM_017712	PGPEP1	1622	1664	7.18806496947
NM_001032363	C1orf151		3443	3461 4.96836863064
NM_001032367	SPINT1	1377	1430	11.6198639469
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NM_033200	LMF2	1532	1573	10.3411182619
NM_033200	LMF2	1402	1477	10.8305626892
NM_033200	LMF2	413	450	9.60799651759
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NM_001889	CRYZ	1858	1878	5.90407207276
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NM_031453	FAM107B 2058	2080		5.30544995845
NM_002952	RPS2 404	450		0.955648624745
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NM_002951	RPN2 1823	1867		4.84695605392
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NM_002951	RPN2 2388	2459		0.842938453745
NM_002951	RPN2 164	211		0.842938453745
NM_002951	RPN2 1107	1226		5.75384664953
NM_002951	RPN2 1017	1103		4.30638767256
NM_002951	RPN2 1551	1746		6.27322080862
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NM_004134	HSPA9	1497	1531	3.18773731889
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NM_014053	FLVCR1	498	546	10.7552287977
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NM_173054	RELN	126	159	7.45999761057
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NM_014033	METTL7A	603	648	5.04263580271
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NM_018046	AGGF1	1468	1487	6.30233142371
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NM_017820	EXD3	115	134	11.9622725037
NM_020062	SLC2A4RG		270	295 6.33587027811
NM_016333	SRRM2	7376	7410	3.90796378151
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NM_016441	CRIM1	998	1051	7.16012458196
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NM_175737	KLB	622	665	7.96787727155
NM_001145201	PRAP1	318	350	8.7505886732
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NM_005228	EGFR	1540	1591	8.10378337547
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NM_001204401	XIAP	6972	6997	7.49083585868
NM_032704	TUBA1C	277	320	5.57477552544
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NM_015154	MESDC2	583	634	7.01571323064
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NM_020899	ZBTB4	2154	2173	10.3773396542
NM_001305	CLDN4	591	645	11.9120915079
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NM_000302	PLOD1	2541	2585	5.46324394687
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NM_004514	FOXK2	522	550	6.1791272354
NM_000169	GLA	665	719	9.34517582779
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NM_020300	MGST1	397	543	7.16868446926
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NM_013255	MKLN1	0	22	7.18039329562
NM_002210	ITGAV	1034	1067	5.52268839031
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NM_002210	ITGAV	1613	1656	5.51867079036
NM_002210	ITGAV	1839	1868	7.32602571241
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NM_002211	ITGB1	2088	2150	6.5068353586
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NM_002211	ITGB1	1894	1967	6.82876345349
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NM_002211	ITGB1	211	285	4.50682862755
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NM_002213	ITGB5	1421	1468	7.57108913126
NM_002213	ITGB5	481	528	7.16519557731
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NM_002216	ITIH2	2480	2523	3.16617865615
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NM_002216	ITIH2	1975	2092	5.21348437093
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NM_005907	MAN1A1	82	125	4.74105974153	
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NM_002276	KRT19	607	667	6.26573411093
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NM_002273	KRT8	809	849	2.39366924466
NM_002273	KRT8	1274	1329	3.85310759435
NM_002273	KRT8	298	342	2.30953676633
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NM_018086	FIGN	3960	3981	10.8932177327
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NM_130445	COL18A1	160	187	6.59926838696
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NM_001139457	BCAP31	1330	1372	2.30861238188
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NM_005918	MDH2	412	451	4.68999804336
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NM_004481	GALNT2	1092	1134	6.65177616103
NM_004481	GALNT2	1004	1080	7.01451325967
NM_004481	GALNT2	617	704	7.01451999073
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NM_052916	RNF157	866	889	11.6307989694
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NM_001344	DAD1	148	199	2.57464411188
NM_022075	CERS2	1065	1124	6.3037527532
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NM_014437	SLC39A1	884	949	8.65334065895
NM_014437	SLC39A1	1407	1456	8.23428555951

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NM_014437	SLC39A1	1013	1043	7.64932305879
NM_004731	SLC16A7	1189	1266	13.8514765679
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NM_004731	SLC16A7	1024	1087	14.4364390686
NM_004733	SLC33A1	1842	1882	9.00339888414
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NM_004086	COCH	627	676	9.48848048584
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NM_000340	SLC2A2	1455	1481	7.05548603654
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NM_000434	NEU1	322	390	9.03907304121
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NM_006825	CKAP4	1713	1786	6.33112994412
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NM_020123	TM9SF3	996	1047	6.05896371349
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NM_004559	YBX1	35	103	1.01000616117
NM_001003962	CAPNS1	175	206	4.68198917473
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NM_002074	GNB1	857	932	4.83871671728
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NM_130440	PTPRF	2279	2333	6.46510088343

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NM_145169	SFT2D1	356	412	6.0462700634
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NM_003963	TM4SF5	489	531	7.63066614688
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NM_014182	ORMDL2	300	362	7.05773093721
NM_080626	BRI3BP	374	439	10.3390001365
NM_018241	TMEM184C		1597	1634 6.24907493616
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NM_005708	GPC6	1981	2033	7.58429824644
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NM_001288	CLIC1	635	670	3.40473115517
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NM_013986	EWSR1	1433	1480	5.56233710569	
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NM_006516	SLC2A1	1823	1856	4.9077876429	
NM_001756	SERPINA6		745	806	7.31409167121
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NM_015913	TXNDC12	1322	1375	6.16692378969	
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NM_000661	RPL9	302	349	1.71400118637
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NM_001042734	SEC24B	3313	3335	7.18611698783
NM_004949	DSC2	2300	2333	5.54578045661
NM_178582	HM13	445	497	10.9087297157
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NM_006010	MANF	405	460	4.0372535716
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NM_005933	MLL	197	227	7.17276122517
NM_018981	DNAJC10	1719	1751	6.67615966939
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NM_018984	SSH1	3381	3405	9.93120323951
NM_052932	TMEM123	554	614	3.27005907871
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NM_012448	STAT5B	1445	1464	6.85217942601
NM_012449	STEAP1	855	940	7.50257922305
NM_004716	PCSK7	115	137	9.46203591727
NM_004710	SYNGR2	344	398	10.0377752832
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NM_000416	IFNGR1	1168	1225	7.37502004006
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NM_006842	SF3B2	2347	2414	4.00379395315
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NM_144580	C1orf85	809	872	11.2828782326
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NM_144582	TEX261	15	46	5.3164885857
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NM_145185	MAP2K7	1933	1958	5.93514032267
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NM_031311	CPVL	615	663	5.15278559568
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NM_001417	EIF4B	694	722	1.23176078329
NM_014616	ATP11B	4825	4845	7.26365391841
NM_014613	FAF2	755	799	7.94622706721
NM_005896	IDH1	1109	1156	3.23018260914
NM_001410	MEGF8	4771	4820	10.5903913693
NM_001410	MEGF8	7456	7513	8.59039136929
NM_001410	MEGF8	8604	8638	11.17535387
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NM_052899	GPRIN1	56	87	13.493873399
NM_005765	ATP6AP2	813	844	7.63584301662
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NM_001177643	DAG1	5388	5444	9.1346569793
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NM_001207014	SERPINH1		703	779	7.13218847106
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NM_000598	IGFBP3	955	988	5.72789012943	
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NM_016395	PTPLAD1	204	268	6.54158807953	
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NM_178812	MTDH	874	941	7.80292957322	
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NM_003246	THBS1	668	737	10.7087542563	
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NM_002998	SDC2	501	564	5.22029169377
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NM_024830	LPCAT1	837	902	7.28045500437
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NM_024524	ATP13A3	2041	2080	7.63970493518
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NM_004496	FOXA1	958	983	6.47748007349
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NM_005359	SMAD4	320	340	7.75472350081
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NM_004753	DHRS3	1110	1158	4.83738685694
NM_001503	GPLD1	1792	1820	10.561927977
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NM_022365	DNAJC1	839	921	7.29098415466
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NM_000454	SOD1	374	460	3.22193958773
NM_006885	ZFH3	11210	11253	9.83432527251
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NM_181701	QS0X2	512	569	7.65559231328
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NM_145048	PACRGL	136	161	8.80871094851
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NM_153029	N4BP1	2473	2492	7.13242298087
NM_005505	SCARB1	1437	1487	5.14552666527
NM_005505	SCARB1	1212	1244	4.06540505606
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NM_005507	CFL1	1077	1115	2.38146404215
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NM_005506	SCARB2	1525	1564	5.10869113091
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NM_006315	PCGF3	1324	1347	5.32299431364
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NM_032333	C10orf58		378	491 7.31651268284
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NM_001127898	CLCN5	1737	1784	9.82000261995
NM_015291	DNAJC16	1651	1690	9.86790477511
NM_020995	HPR	1133	1176	5.5090436947
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NM_138349	TP53I13	1165	1187	10.2766480267
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NM_138340	ABHD3	476	521	8.85080174635
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NM_138340	ABHD3	675	740	9.58776734052
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NM_138346	KIAA2013		1244	1288 7.21547241274
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NM_001268	RCBTB2	364	383	11.3297684111
NM_001142298	SQSTM1	1590	1625	5.52719883865
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NM_012218	ILF3	178	203	4.39273876555
NM_001997	FAU	405	452	3.3495269231
NM_182709	KAT5	1813	1838	7.56647228789
NM_000029	AGT	645	682	2.61673214068
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NM_000021	PSEN1	1257	1305	9.37560497942
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NM_181501	ITGA1	2388	2432	6.47467208715
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NM_004926	ZFP36L1	2657	2708	8.37102369716
NM_004255	COX5A	507	567	5.99790025319
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NM_014256	B3GNT3	1029	1094	13.9277463192
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NM_024501	H0XD1	263	283	12.3678003092
NM_002153	HSD17B2	1184	1227	7.72964865802
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NM_001144995	CCDC85C	922	952	8.46006524061
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NM_018128	TSR1	996	1035	6.58301663048
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NM_018126	TMEM33	466	508	9.77983952609
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NM_014827	ZC3H11A	2026	2067	5.77655039846
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NM_001030	RPS27	187	228	4.15723614549
NM_001520	GTF3C1	2921	2988	8.03766753664
NM_022346	NCAPG	3145	3207	6.17591734491
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NM_001031847	CPT1A	722	788	7.33170663092
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NM_001204450	CCPG1	1570	1608	6.99043506327
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NM_005529	HSPG2	3474	3533	9.00074015594
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NM_001126102	HP	968	1003	4.08546618319
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NM_004466	GPC5	1361	1395	13.106133255
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NM_080725	SRXN1	199	239	11.7905933686
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NM_005313	PDIA3	1722	1755	0.988560566025
NM_005313	PDIA3	1680	1717	3.07269304436
NM_005313	PDIA3	118	359	5.59626173147
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NM_005313	PDIA3	463	559	4.82758727757
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NM_173852	KRTCAP2	267	297	9.48684519925
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NM_016946	F11R	560	620	8.57038723629
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NM_194252	TTL11	407	434	8.51088609753
NM_138689	PPP1R14B		515	576 3.87681466776
NM_020672	S100A14	555	637	9.14712161336
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NM_152850	PIGO	696	732	11.0793125871
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NM_006135	CAPZA1	384	444	5.25884421451
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NM_001184740	CTTN	1658	1696	5.04815489546
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NM_152716	PATL1	1363	1383	6.3526889402
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NM_001040092	ENPP2	2279	2315	10.1179670976
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NM_001040092	ENPP2	1893	1919	7.71190002925
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NM_022130	GOLPH3	409	449	4.41210178748
NM_199141	CARM1	14	74	6.10218316404
NM_001958	EEF1A2	665	710	10.1364415285
NM_006908	RAC1	586	651	6.24367221363
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NM_080913	ASGR2	267	318	4.89050317549
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NM_019896	POLE4	29	55	4.86351303303
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NM_080703	BAG6	1301	1348	4.12068739245
NM_003621	PPFIBP2	465	488	8.03938421031
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NM_001017	RPS13	251	299	2.99261660819
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NM_000214	JAG1	3713	3773	5.76622663301
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NM_007243	NRM	943	976	10.263215598
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NM_152734	C6orf89	574	640	7.36146846145
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NM_005857	ZMPSTE24		517	570 9.05580979165
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NM_000391	TPP1	606	666	8.43624578729
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NM_000391	TPP1	223	264	6.43624578729
NM_000391	TPP1	1338	1363	7.02103453769
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NM_000391	TPP1	296	341	7.43624578729
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NM_003840	TNFRSF10D		997	1034 3.93620857927
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NM_024581	FAM184A	3534	3556	8.19816939906
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NM_001130996	HMGCR	654	701	6.72701249187
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NM_153369	KIAA1919		555	583 8.71319866822
NM_003667	LGR5	1854	1914	7.96211957576
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NM_139125	MASP1	1389	1459	9.13939737839
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NM_001163817	DHCR7	575	610	6.80458468809
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NM_152564	VPS13B	8023	8043	9.4832591469
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NM_004371	COPA	2884	2957	5.5145338198
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NM_001080472	FITM2	585	627	5.28978658406
NM_000876	IGF2R	8869	8934	6.38454124941
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NM_004145	MYO9B	3053	3075	8.41208603148
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NM_022731	NUCKS1	437	515	3.8976222796
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NM_022736	MFSD1	1268	1338	10.5191165639
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NM_015497	TMEM87A	1051	1119	7.13784481927
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NM_001199781	POC1B-GALNT4		205	225 9.53255265055
NM_022551	RPS18	203	258	0.701341464034
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NM_144976	ZNF564	1401	1421	7.78356193924
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NM_013402	FADS1	1164	1221	9.87479018613
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NM_001164754	ASPH	1210	1251	3.71661798788
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NM_003645	SLC27A2	1223	1274	7.30146138801
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NM_006455	LEPREL4	894	922	6.09898971446
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NM_001009999	KDM1A	120	143	5.30853139327
NM_000973	RPL8	633	665	0.148285250168
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NM_138571	HINT3	24	44	5.5799067669
NM_138570	SLC38A10		276	337 7.67050124502
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NM_001098	AC02 561	630		6.36043010272
NM_017728	TMEM104 1554	1604		10.3481061686
NM_017723	C9orf167	2969	3021	11.006283139
NM_017723	C9orf167	899	961	10.8273879425
NM_001013649	C2orf68 38	57		4.79242264462
NM_020246	SLC12A9 1817	1873		10.0413664543
NM_020246	SLC12A9 546	605		11.2599150258
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NM_001195532	SPTAN1 6134	6160		4.31594203869
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NM_000273	GPR143 572	616		13.8469781258
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NM_001128325	SPON2	1048	1077	6.12841077504
NM_001128325	SPON2	831	870	8.70936240664
NM_001128325	SPON2	1085	1179	9.58784912473
NM_001128325	SPON2	1483	1515	8.36620639159
NM_001128325	SPON2	512	628	9.93577242815
NM_172230	SYVN1	668	739	11.1233592801
NM_172230	SYVN1	430	467	11.1231855298
NM_172230	SYVN1	976	1030	10.1233590442
NM_172230	SYVN1	513	566	10.9307141946
NM_001098210	CTNNB1	1587	1635	3.90956618093
NM_001098210	CTNNB1	2316	2392	3.90957291198
NM_172236	POFUT1	191	270	9.17494946969
NM_001136558	GPR107	1406	1435	7.51367138012
NM_002720	PPP4C	493	557	3.04169101596
NM_002720	PPP4C	67	129	4.71061897574
NM_023935	DDRGK1	19	66	5.43057607985
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NM_031203	HNRNPM	375	441	3.68718367243
NM_001042371	PGP	18	45	11.792594839
NM_001177519	MICA	469	564	8.44477068927
NM_015259	ICOSLG	243	264	8.08812390397
NM_019026	TMC01	681	707	2.75817749231
NM_019026	TMC01	528	659	6.80274536198
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NM_019028	ZDHHC13	1465	1493	8.36017970249
NM_005188	CBL	13	47	10.1176756416
NM_152243	CDC42EP1		841	910 8.00962735064
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NM_053056	CCND1	1071	1104	4.93888849356
NM_001077442	HNRNPC	235	282	1.77481325637
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NM_014014	SNRNP200		1605	1648 5.28137878975
NM_006986	MAGED1	2024	2063	4.69750231566
NM_018950	HLA-F	1080	1126	10.5380074405
NM_018950	HLA-F	548	598	8.71690263698
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NM_016626	MEX3C	891	921	7.91160667288
NM_174936	PCSK9	962	1019	9.46813309747
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NM_174936	PCSK9	733	771	10.5836103149
NM_001198810	SLC43A1	1234	1301	8.83925540177
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NM_001404	EEF1G	921	966	2.45713482158
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NM_001404	EEF1G	1042	1153	3.91657317127
NM_007126	VCP	1145	1216	6.19277565212
NM_001167931	IL1RAP	920	979	7.82171041508
NM_003801	GPAA1	1232	1271	9.82243033921
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NM_020713	ZNF512B	5821	5840	6.39777861497
NM_005216	DDOST	281	324	5.93184766294
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NM_000130	F5	1656	1685	3.32869146203
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NM_021009	UBC	1266	1323	2.8064018961
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NM_001205228	SORT1	1844	1865	4.89185536161
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NM_182983	HPN	1181	1226	5.92177121752
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NM_006122	MAN2A2	4221	4242	8.14032304794
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NM_002569	FURIN	2596	2629	8.79603494231

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NM_032256	TMEM117	225	245	10.4449579017
NM_001017995	SH3PXD2B		13	42 10.6110366503
NM_013286	RBM15B	144	163	7.64492888228
NM_014060	MCTS1	216	282	7.88291619954
NM_014067	MACROD1	304	331	5.34931918051
NM_014399	TSPAN13	766	804	10.0561653429
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NM_014390	SND1	1176	1215	5.00279794561
NM_014939	TRAPPC8	118	154	8.26216154069
NM_014931	PPP6R1	2245	2300	5.79705504294
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NM_001873	CPE	1050	1090	0.984041441149
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NM_001002836	ZNF787	1116	1150	8.37401492346
NM_030802	FAM117A	2301	2326	10.6365776308
NM_022965	FGFR3	1783	1864	7.13592147039
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NM_001037283	EIF3B	67	110	4.02006659303
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NM_006667	PGRMC1	512	596	9.79531848081
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NM_138821	PAM	1119	1178	5.53800744053
NM_002743	PRKCSH	1971	2057	5.71598402482
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NM_002743	PRKCSH	1570	1617	4.8415149069
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NM_001085425	ARSA	794	830	10.4249106088
NM_031992	EIF4H	312	364	3.53917076209
NM_006080	SEMA3A	1171	1205	15.0847467974
NM_006080	SEMA3A	1423	1460	13.7782218977
NM_006080	SEMA3A	867	944	16.2773986064
NM_006080	SEMA3A	780	854	15.8623611071
NM_006080	SEMA3A	1901	1946	14.5993264653
NM_006080	SEMA3A	1560	1699	17.5253261198
NM_006080	SEMA3A	545	601	14.5993264653
NM_006080	SEMA3A	1739	1783	13.7782218977
NM_006082	TUBA1B	603	638	4.72314580062
NM_006082	TUBA1B	659	706	5.72331931502
NM_006082	TUBA1B	544	602	5.72331954339
NM_006082	TUBA1B	902	974	7.04524764583
NM_006082	TUBA1B	780	875	5.72331955094
NM_014727	MLL4	1	26	8.17361833349
NM_001143760	EIF5A	131	189	2.61753312027
NM_001143760	EIF5A	482	561	3.03257084791
NM_001007073	RPL32	88	118	5.08372397076
NM_001007073	RPL32	190	252	0.831778857367
NM_001037738	NPM1	717	819	0.935050772116
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NM_001037738	NPM1	242	312	-0.23488096038
NM_001206954	AGER	1100	1118	8.32835956188
NM_001097613	GPR89A	1377	1413	7.44496267793
NM_020860	STIM2	1416	1456	8.73146052733