

Table S3: Genes with Targeted Regulatory Coverage

Gene	Chromosome	hg19 Start	hg19 End	Cytogenetic Band	Gene Set
<i>ATAD3A</i>	1	1447531	1470067	p36.33	PSD
<i>GNB1</i>	1	1716729	1822495	p36.33	PSD
<i>LRRC47</i>	1	3696784	3713068	p36.32	PSD
<i>KCNAB2</i>	1	6051526	6161253	p36.31	PSD
<i>ACOT7</i>	1	6324329	6454451	p36.31	PSD
<i>DNAJC11</i>	1	6694228	6761984	p36.31	PSD
<i>VAMP3</i>	1	7831329	7841492	p36.23	PSD
<i>PARK7</i>	1	8014351	8045565	p36.23	PSD
<i>ENO1</i>	1	8921061	8939308	p36.23	PSD
<i>PGD</i>	1	10458649	10480201	p36.22	PSD
<i>FBXO2</i>	1	11708424	11715842	p36.22	PSD
<i>MFN2</i>	1	12040238	12073571	p36.22	PSD
<i>EFHD2</i>	1	15736391	15756839	p36.21	PSD
<i>PADI2</i>	1	17393256	17445948	p36.13	PSD
<i>IGSF21</i>	1	18434240	18704977	p36.13	PSD
<i>ALDH4A1</i>	1	19197926	19229275	p36.13	PSD
<i>UBR4</i>	1	19401000	19536770	p36.13	PSD
<i>AKR7A2</i>	1	19630459	19638640	p36.13	PSD
<i>CAPZB</i>	1	19665267	19812066	p36.13	PSD
<i>DDOST</i>	1	20978270	20988000	p36.12	PSD
<i>RAP1GAP</i>	1	21922708	21995801	p36.12	PSD
<i>CDC42</i>	1	22379120	22419437	p36.12	PSD
<i>C1QC</i>	1	22970123	22974603	p36.12	PSD
<i>SFN</i>	1	27189633	27190947	p36.11	PSD
<i>WASF2</i>	1	27730730	27816669	p36.11	PSD
<i>STX12</i>	1	28099694	28150963	p35.3	PSD
<i>EPB41</i>	1	29213603	29446553	p35.3	PSD
<i>FABP3</i>	1	31838472	31849697	p35.2	PSD
<i>MARCKSL1</i>	1	32799433	32801980	p35.1	PSD
<i>YARS</i>	1	33240840	33283754	p35.1	PSD
<i>HPCA</i>	1	33351595	33364042	p35.1	PSD
<i>DLGAP3</i>	1	35331037	35395186	p34.3	PSD
<i>NCDN</i>	1	36023074	36032875	p34.3	PSD
<i>TRAPPC3</i>	1	36602173	36615098	p34.3	PSD
<i>MAP7D1</i>	1	36621180	36646450	p34.3	PSD
<i>MACF1</i>	1	39546988	39952849	p34.3	PSD
<i>PABPC4</i>	1	40026488	40042462	p34.3	PSD
<i>CAP1</i>	1	40505905	40538321	p34.2	PSD
<i>SLC2A1</i>	1	43391052	43424530	p34.2	PSD
<i>PTPRF</i>	1	43990858	44089343	p34.2	PSD
<i>KIF2C</i>	1	45205490	45233439	p34.1	PSD
<i>RPS8</i>	1	45240923	45244451	p34.1	PSD
<i>PRDX1</i>	1	45976708	45988719	p34.1	PSD
<i>AKR1A1</i>	1	46016215	46035721	p34.1	PSD

<i>FAAH</i>	1	46859937	46879520	p33	PSD
<i>CMPK1</i>	1	47799469	47844511	p33	PSD
<i>PPAP2B</i>	1	56960419	57110974	p32.2	PSD
<i>DAB1</i>	1	57460451	59012406	p32.1	BP
<i>DNAJC6</i>	1	65713902	65881552	p31.3	PSD
<i>SGIP1</i>	1	66999066	67213982	p31.3	PSD
<i>GNG12</i>	1	68167149	68299150	p31.3	PSD
<i>LRRC7</i>	1	70034081	70617628	p31.1	PSD
<i>LRRC40</i>	1	70610488	70671303	p31.1	PSD
<i>NEGR1</i>	1	71861623	72748417	p31.1	PSD
<i>CRYZ</i>	1	75171170	75199092	p31.1	PSD
<i>AK5</i>	1	77747736	78025651	p31.1	PSD
<i>DNAJB4</i>	1	78444859	78483648	p31.1	PSD
<i>PRKACB</i>	1	84543745	84704181	p31.1	PSD
<i>DDAH1</i>	1	85784164	86043933	p22.3	PSD
<i>ABCD3</i>	1	94883933	94984222	p21.3	PSD
<i>PALMD</i>	1	100111499	100160097	p21.2	BP
<i>AGL</i>	1	100315640	100389579	p21.2	PSD
<i>DBT</i>	1	100652475	100715390	p21.2	PSD
<i>STXBP3</i>	1	109289296	109352148	p13.3	PSD
<i>WDR47</i>	1	109512836	109584850	p13.3	PSD
<i>SARS</i>	1	109756540	109780791	p13.3	PSD
<i>GNAI3</i>	1	110091233	110136975	p13.3	PSD
<i>AMPD2</i>	1	110158726	110174673	p13.3	PSD
<i>GSTM2</i>	1	110210644	110252171	p13.3	PSD
<i>GSTM3</i>	1	110276554	110284384	p13.3	PSD
<i>AHCYL1</i>	1	110527308	110566357	p13.3	PSD
<i>ATP5F1</i>	1	111991486	112005395	p13.2	PSD
<i>RAP1A</i>	1	112084840	112259313	p13.2	PSD
<i>WNT2B</i>	1	113009163	113072787	p13.2	BP
<i>CAPZA1</i>	1	113161795	113214241	p13.2	PSD
<i>NRAS</i>	1	115247090	115259515	p13.2	PSD
<i>ATP1A1</i>	1	116915290	116952883	p13.1	PSD
<i>PHGDH</i>	1	120202421	120286838	p12	PSD
<i>SEC22B</i>	1	145096220	145116922	q21.1	PSD
<i>PEX11B</i>	1	145516252	145523730	q21.1	PSD
<i>SV2A</i>	1	149874870	149889434	q21.2	PSD
<i>VPS45</i>	1	150039369	150117505	q21.2	PSD
<i>SNX27</i>	1	151584541	151671567	q21.3	PSD
<i>RAB13</i>	1	153954127	153958834	q21.3	PSD
<i>RPS27</i>	1	153963235	153964626	q21.3	PSD
<i>TPM3</i>	1	154127784	154167124	q21.3	PSD
<i>PMVK</i>	1	154897210	154909467	q21.3	PSD
<i>PBXIP1</i>	1	154916552	154928599	q21.3	PSD
<i>MTX1</i>	1	155178490	155183615	q22	PSD
<i>FDPS</i>	1	155278539	155290457	q22	PSD
<i>ARHGEF2</i>	1	155916630	155976861	q22	PSD

<i>CCT3</i>	1	156278759	156337664	q22	PSD
<i>HAPLN2</i>	1	156589086	156595517	q23.1	PSD
<i>BCAN</i>	1	156611182	156629324	q23.1	PSD
<i>DARC</i>	1	159173097	159176290	q23.2	PSD
<i>TAGLN2</i>	1	159887897	159895522	q23.2	PSD
<i>IGSF8</i>	1	160061130	160068733	q23.2	PSD
<i>ATP1A2</i>	1	160085549	160113381	q23.2	PSD
<i>ATP1A4</i>	1	160121360	160156767	q23.2	PSD
<i>PEA15</i>	1	160175127	160185166	q23.2	PSD
<i>COPA</i>	1	160259063	160313190	q23.2	PSD
<i>NDUFS2</i>	1	161166894	161184185	q23.3	PSD
<i>TOMM40L</i>	1	161195793	161200408	q23.3	PSD
<i>HSPA6</i>	1	161494036	161496681	q23.3	PSD
<i>ATF6</i>	1	161736084	161933860	q23.3	BP
<i>ATP1B1</i>	1	169074935	169101960	q24.2	PSD
<i>DNM3</i>	1	171810621	172387606	q24.3	PSD
<i>PRDX6</i>	1	173446405	173457946	q25.1	PSD
<i>CACYBP</i>	1	174968300	174980851	q25.1	PSD
<i>TNR</i>	1	175284330	175712906	q25.1	PSD
<i>RASAL2</i>	1	178062864	178448644	q25.2	PSD
<i>GLUL</i>	1	182350839	182361341	q25.3	PSD
<i>CSRP1</i>	1	201452658	201478584	q32.1	PSD
<i>CYB5R1</i>	1	202930997	202936408	q32.1	PSD
<i>PPFIA4</i>	1	202995626	203047868	q32.1	PSD
<i>ATP2B4</i>	1	203595689	203713209	q32.1	PSD
<i>PLEKHA6</i>	1	204187979	204346793	q32.1	PSD
<i>NFASC</i>	1	204797779	204991950	q32.1	PSD
<i>CNTN2</i>	1	205012325	205047627	q32.1	PSD
<i>PLXNA2</i>	1	208195587	208417665	q32.2	PSD
<i>EPRS</i>	1	220141943	220220000	q41	PSD
<i>RAB3GAP2</i>	1	220321635	220445796	q41	PSD
<i>MARK1</i>	1	220701568	220837803	q41	PSD
<i>PARP1</i>	1	226548392	226595780	q42.12	PSD
<i>C1orf95</i>	1	226736501	226796915	q42.12	PSD
<i>CDC42BPA</i>	1	227177566	227506175	q42.13	PSD
<i>ARF1</i>	1	228270361	228286912	q42.13	PSD
<i>GUK1</i>	1	228327663	228336685	q42.13	PSD
<i>C1orf198</i>	1	230972865	231005335	q42.2	PSD
<i>GNPAT</i>	1	231376953	231413719	q42.2	PSD
<i>EXOC8</i>	1	231468480	231473598	q42.2	PSD
<i>DISC1</i>	1	231762561	232177018	q42.2	BP
<i>TOMM20</i>	1	235272651	235292251	q42.3	PSD
<i>EDARADD</i>	1	236511562	236648214	q42.3	PSD
<i>LGALS8</i>	1	236681300	236716281	q43	PSD
<i>ACTN2</i>	1	236849754	236927931	q43	PSD
<i>RYR2</i>	1	237205505	237997288	q43	PSD
<i>CHRM3</i>	1	239549865	240078750	q43	BP

<i>FMN2</i>	1	240177648	240638489	q43	PSD
<i>RGS7</i>	1	240931554	241520530	q43	PSD
<i>FH</i>	1	241660903	241683061	q43	PSD
<i>SCCPDH</i>	1	246887349	246931439	q44	PSD
<i>ACP1</i>	2	264140	278283	p25.3	PSD
<i>YWHAQ</i>	2	9724101	9771143	p25.1	PSD
<i>PDIA6</i>	2	10923517	10978103	p25.1	PSD
<i>ROCK2</i>	2	11319887	11488456	p25.1	PSD
<i>DDX1</i>	2	15731302	15771235	p24.3	PSD
<i>FAM49A</i>	2	16730727	16847599	p24.2	PSD
<i>VSNL1</i>	2	17720393	17838285	p24.2	PSD
<i>RDH14</i>	2	18735989	18741946	p24.2	PSD
<i>NT5C1B</i>	2	18737050	18770838	p24.2	PSD
<i>RHOB</i>	2	20646835	20649200	p24.1	PSD
<i>FKBP1B</i>	2	24272571	24286551	p23.3	PSD
<i>ITSN2</i>	2	24425733	24583583	p23.3	PSD
<i>EFR3B</i>	2	25264999	25378243	p23.3	PSD
<i>RAB10</i>	2	26256976	26360323	p23.3	PSD
<i>HADHA</i>	2	26413504	26467594	p23.3	PSD
<i>HADHB</i>	2	26466038	26513336	p23.3	PSD
<i>MAPRE3</i>	2	27193480	27250064	p23.3	PSD
<i>CAD</i>	2	27440258	27466811	p23.3	PSD
<i>BRE</i>	2	28112808	28561768	p23.2	BP
<i>PPP1CB</i>	2	28974506	29025806	p23.2	PSD
<i>EHD3</i>	2	31456880	31492313	p23.1	PSD
<i>EIF2AK2</i>	2	37326353	37384208	p22.2	PSD
<i>ATL2</i>	2	38522022	38604427	p22.1	PSD
<i>COX7A2L</i>	2	42560686	42652228	p21	PSD
<i>LRPPRC</i>	2	44113647	44223144	p21	PSD
<i>PRKCE</i>	2	45878484	46415129	p21	PSD
<i>ATP6V1E2</i>	2	46717889	46769696	p21	PSD
<i>CALM2</i>	2	47387221	47403740	p21	PSD
<i>NRXN1</i>	2	50145643	51259674	p16.3	PSD
<i>ACYP2</i>	2	54197975	54532437	p16.2	PSD
<i>SPTBN1</i>	2	54683422	54896812	p16.2	PSD
<i>RTN4</i>	2	55199325	55339757	p16.1	PSD
<i>XPO1</i>	2	61704984	61765761	p15	PSD
<i>CCT4</i>	2	62095224	62115939	p15	PSD
<i>MDH1</i>	2	63815743	63834331	p15	PSD
<i>UGP2</i>	2	64068074	64118696	p15	PSD
<i>RAB1A</i>	2	65297835	65357240	p14	PSD
<i>ACTR2</i>	2	65454887	65498387	p14	PSD
<i>AAK1</i>	2	69688532	69901481	p13.3	PSD
<i>PCBP1</i>	2	70314585	70316332	p13.3	PSD
<i>ADD2</i>	2	70834750	70995357	p13.3	PSD
<i>EXOC6B</i>	2	72403113	73053170	p13.2	PSD
<i>SFXN5</i>	2	73169165	73302747	p13.2	PSD

<i>RAB11FIP5</i>	2	73300510	73383849	p13.2	PSD
<i>CCT7</i>	2	73460548	73480149	p13.2	PSD
<i>FBXO41</i>	2	73481810	73511559	p13.1	PSD
<i>DCTN1</i>	2	74588281	74619214	p13.1	PSD
<i>CTNNA2</i>	2	79412357	80875905	p12	PSD
<i>SUCLG1</i>	2	84650647	84687169	p11.2	PSD
<i>CAPG</i>	2	85621871	85645555	p11.2	PSD
<i>IMMT</i>	2	86371055	86422893	p11.2	PSD
<i>COX5B</i>	2	98262503	98264846	q11.2	PSD
<i>ACTR1B</i>	2	98272431	98280570	q11.2	PSD
<i>SEPT10</i>	2	110300559	110371783	q13	PSD
<i>ACTR3</i>	2	114647537	114720173	q14.1	PSD
<i>CCDC93</i>	2	118673054	118771709	q14.1	PSD
<i>CLASP1</i>	2	122095352	122407163	q14.3	PSD
<i>BIN1</i>	2	127805603	127864931	q14.3	PSD
<i>RAB3GAP1</i>	2	135809835	135933964	q21.3	PSD
<i>DARS</i>	2	136664247	136743670	q21.3	PSD
<i>LRP1B</i>	2	140988992	142889270	q22.2	BP
<i>KIF5C</i>	2	149632819	149883273	q23.1	PSD
<i>CACNB4</i>	2	152689290	152955593	q23.3	PSD
<i>FMNL2</i>	2	153191751	153506348	q23.3	PSD
<i>GPD2</i>	2	157291802	157470247	q24.1	PSD
<i>PKP4</i>	2	159313476	159539391	q24.1	PSD
<i>PSMD14</i>	2	162164549	162268228	q24.2	PSD
<i>STK39</i>	2	168810530	169104651	q24.3	PSD
<i>CYBRD1</i>	2	172378757	172414643	q31.1	PSD
<i>DYNC1I2</i>	2	172543919	172604930	q31.1	PSD
<i>SLC25A12</i>	2	172640880	172864766	q31.1	PSD
<i>RAPGEF4</i>	2	173600002	173917621	q31.1	PSD
<i>OLA1</i>	2	174937175	175113426	q31.1	PSD
<i>PRKRA</i>	2	179296141	179316239	q31.2	PSD
<i>SESTD1</i>	2	179966419	180129517	q31.2	PSD
<i>PDE1A</i>	2	183004763	183387919	q32.1	PSD
<i>NCKAP1</i>	2	183773843	183903586	q32.1	PSD
<i>HIBCH</i>	2	191054461	191208919	q32.2	PSD
<i>GLS</i>	2	191745553	191830278	q32.2	PSD
<i>STAT1</i>	2	191829084	191885686	q32.2	PSD
<i>MYO1B</i>	2	192109911	192290115	q32.3	PSD
<i>HECW2</i>	2	197059094	197458416	q33.1	PSD
<i>COQ10B</i>	2	198318147	198340032	q33.1	PSD
<i>HSPD1</i>	2	198351305	198381461	q33.1	PSD
<i>ABI2</i>	2	204192942	204312446	q33.2	PSD
<i>RAPH1</i>	2	204259068	204400133	q33.2	PSD
<i>NDUFS1</i>	2	206979541	207024327	q33.3	PSD
<i>ADAM23</i>	2	207308263	207485851	q33.3	PSD
<i>MAP2</i>	2	210288782	210598842	q34	PSD
<i>LANCL1</i>	2	211295973	211342376	q34	PSD

<i>ERBB4</i>	2	212240446	213403565	q34	BP
<i>ATIC</i>	2	216176540	216214487	q35	PSD
<i>ARPC2</i>	2	219081817	219119079	q35	PSD
<i>PNKD</i>	2	219135115	219211516	q35	PSD
<i>TUBA4A</i>	2	220114433	220142892	q35	PSD
<i>DNAJB2</i>	2	220143989	220151622	q35	PSD
<i>DES</i>	2	220283099	220291461	q35	PSD
<i>EPHA4</i>	2	222282747	222438922	q36.1	PSD
<i>FARSB</i>	2	223435255	223521056	q36.1	PSD
<i>ACSL3</i>	2	223725652	223809357	q36.1	PSD
<i>DOCK10</i>	2	225629807	225907162	q36.2	PSD
<i>MFF</i>	2	228189867	228222550	q36.3	PSD
<i>DNER</i>	2	230222345	230579274	q36.3	BP
<i>C2orf72</i>	2	231902205	231914434	q37.1	PSD
<i>AGAP1</i>	2	236402733	237040444	q37.2	PSD
<i>NDUFA10</i>	2	240831867	240964819	q37.3	PSD
<i>GPC1</i>	2	241375088	241407493	q37.3	PSD
<i>KIF1A</i>	2	241653181	241759725	q37.3	PSD
<i>PPP1R7</i>	2	242088991	242123067	q37.3	PSD
<i>HDLBP</i>	2	242166679	242256476	q37.3	PSD
<i>SEPT2</i>	2	242254515	242293442	q37.3	PSD
<i>CHL1</i>	3	238279	451090	p26.3	PSD
<i>SRGAP3</i>	3	9022275	9404737	p25.3	PSD
<i>ARPC4</i>	3	9834179	9849410	p25.3	PSD
<i>SEC13</i>	3	10334815	10362862	p25.3	PSD
<i>ATP2B2</i>	3	10365707	10749716	p25.3	PSD
<i>SYN2</i>	3	12045876	12232900	p25.2	PSD
<i>CAND2</i>	3	12837971	12913415	p25.2	PSD
<i>IQSEC1</i>	3	12938719	13114617	p25.2	PSD
<i>WNT7A</i>	3	13857755	13921618	p25.1	BP
<i>RFTN1</i>	3	16355081	16555533	p24.3	PSD
<i>RAB5A</i>	3	19988571	20026667	p24.3	PSD
<i>THRB</i>	3	24158651	24536773	p24.2	BP
<i>CMC1</i>	3	28283075	28366633	p24.1	PSD
<i>DYNC1LI1</i>	3	32567463	32612366	p22.3	PSD
<i>CLASP2</i>	3	33537737	33759848	p22.3	PSD
<i>PDCD6IP</i>	3	33839844	33911194	p22.3	PSD
<i>PLCD1</i>	3	38048987	38071253	p22.2	PSD
<i>DLEC1</i>	3	38080696	38165516	p22.2	PSD
<i>ACAA1</i>	3	38144620	38178733	p22.2	PSD
<i>WDR48</i>	3	39093489	39138155	p22.2	PSD
<i>RPL14</i>	3	40498783	40503861	p22.1	PSD
<i>CTNNB1</i>	3	41236328	41301587	p22.1	PSD
<i>HIGD1A</i>	3	42798669	42846023	p22.1	PSD
<i>SACM1L</i>	3	45730548	45786916	p21.31	PSD
<i>PTPN23</i>	3	47422501	47454931	p21.31	PSD
<i>DHX30</i>	3	47844399	47891685	p21.31	PSD

MAP4	3	47892182	48130769	p21.31	PSD
UQCRC1	3	48636435	48648409	p21.31	PSD
NCKIPSD	3	48701364	48723797	p21.31	PSD
PRKAR2A	3	48782030	48885279	p21.31	PSD
QARS	3	49133365	49142553	p21.31	PSD
GPX1	3	49394609	49396033	p21.31	PSD
RHOA	3	49396578	49450431	p21.31	PSD
BSN	3	49591922	49708978	p21.31	PSD
CAMKV	3	49895421	49907655	p21.31	PSD
GNAI2	3	50263724	50296787	p21.31	PSD
CACNA2D2	3	50400233	50541675	p21.31	PSD
DOCK3	3	50712672	51421629	p21.2	PSD
GRM2	3	51741086	51752629	p21.2	PSD
TKT	3	53258723	53290068	p21.1	PSD
ERC2	3	55542336	56502391	p14.3	PSD
IL17RD	3	57124010	57204334	p14.3	BP
APPL1	3	57261765	57307496	p14.3	PSD
PDHB	3	58413357	58419584	p14.3	PSD
FAM107A	3	58549844	58613337	p14.2	PSD
CADPS	3	62384022	62861054	p14.2	PSD
TOMM70A	3	100082275	100120242	q12.2	PSD
RPL24	3	101399935	101405626	q12.3	PSD
TAGLN3	3	111717511	111732734	q13.2	PSD
ATP6V1A	3	113465866	113530903	q13.2	PSD
GAP43	3	115342171	115440337	q13.31	PSD
LSAMP	3	115521235	117716095	q13.32	PSD
GSK3B	3	119540170	119813264	q13.33	PSD
GPR156	3	119883492	120003941	q13.33	BP
NDUFB4	3	120315156	120321347	q13.33	PSD
GOLGB1	3	121382046	121468602	q13.33	PSD
KPNA1	3	122140796	122233792	q21.1	PSD
KALRN	3	123798870	124445172	q21.1	PSD
SNX4	3	125165495	125239041	q21.2	PSD
ALDH1L1	3	125822412	125916837	q21.3	PSD
CHCHD6	3	126423063	126679249	q21.3	PSD
PLXNA1	3	126707437	126756235	q21.3	PSD
RPN1	3	128338817	128399918	q21.3	PSD
RAB7A	3	128444965	128533639	q21.3	PSD
COPG1	3	128968449	128996614	q21.3	PSD
DNAJC13	3	132136370	132257876	q22.1	PSD
SRPRB	3	133502877	133544616	q22.1	PSD
RAB6B	3	133543083	133614680	q22.1	PSD
MRAS	3	138066539	138124375	q22.3	PSD
GNB4	3	179116990	179169378	q26.33	PSD
DNAJC19	3	180701497	180707562	q26.33	PSD
MAP6D1	3	183533664	183543382	q27.1	PSD
AP2M1	3	183892477	183901879	q27.1	PSD

<i>ABCF3</i>	3	183903811	183911800	q27.1	PSD
<i>PSMD2</i>	3	184016497	184026842	q27.1	PSD
<i>EIF4G1</i>	3	184032283	184053146	q27.1	PSD
<i>VPS8</i>	3	184529931	184770402	q27.2	PSD
<i>MAP3K13</i>	3	185000729	185206885	q27.2	BP
<i>EIF4A2</i>	3	186500994	186507689	q27.3	PSD
<i>OPA1</i>	3	193310933	193415612	q29	PSD
<i>APOD</i>	3	195295573	195311076	q29	PSD
<i>DLG1</i>	3	196769431	197026171	q29	PSD
<i>ATP5I</i>	4	666225	668127	p16.3	PSD
<i>GAK</i>	4	843064	926161	p16.3	PSD
<i>CTBP1</i>	4	1205236	1243741	p16.3	PSD
<i>LETM1</i>	4	1813206	1857974	p16.3	PSD
<i>ADD1</i>	4	2845584	2931803	p16.3	PSD
<i>HTT</i>	4	3076408	3245676	p16.3	PSD
<i>CRMP1</i>	4	5749811	5894785	p16.2	PSD
<i>WFS1</i>	4	6271576	6304992	p16.1	PSD
<i>ABLIM2</i>	4	7967039	8160559	p16.1	PSD
<i>WDR1</i>	4	10075963	10118573	p16.1	PSD
<i>QDPR</i>	4	17461884	17513857	p15.32	PSD
<i>LAP3</i>	4	17578815	17609595	p15.32	PSD
<i>RPL9</i>	4	39455744	39460568	p14	PSD
<i>UCHL1</i>	4	41258430	41270472	p13	PSD
<i>LIMCH1</i>	4	41361624	41702061	p13	PSD
<i>ATP8A1</i>	4	42410390	42659122	p13	PSD
<i>KCTD8</i>	4	44175926	44450824	p13	PSD
<i>GABRA4</i>	4	46920917	46996424	p12	PSD
<i>FRYL</i>	4	48499378	48782339	p11	PSD
<i>EXOC1</i>	4	56719782	56771200	q12	PSD
<i>PAICS</i>	4	57301907	57327534	q12	PSD
<i>LPHN3</i>	4	62066976	62944053	q13.1	PSD
<i>RUFY3</i>	4	71569921	71673032	q13.3	PSD
<i>SLC4A4</i>	4	72053003	72437804	q13.3	PSD
<i>USO1</i>	4	76649777	76735382	q21.1	PSD
<i>SEPT11</i>	4	77870856	77961537	q21.1	PSD
<i>SCD5</i>	4	83550692	83720010	q21.22	PSD
<i>SEC31A</i>	4	83739814	83822319	q21.22	PSD
<i>RAP1GDS1</i>	4	99182535	99365012	q23	PSD
<i>PPP3CA</i>	4	101944566	102269435	q24	PSD
<i>HADH</i>	4	108910870	108956331	q25	PSD
<i>ANK2</i>	4	113739265	114304896	q25	PSD
<i>CAMK2D</i>	4	114372188	114683083	q26	PSD
<i>ANXA5</i>	4	122589110	122618268	q27	PSD
<i>FGF2</i>	4	123747863	123819391	q27	PSD
<i>SLC25A31</i>	4	128651533	128695448	q28.1	PSD
<i>HSPA4L</i>	4	128702976	128761888	q28.1	PSD
<i>NR3C2</i>	4	148999913	149365850	q31.23	BP

<i>DCLK2</i>	4	150999426	151178609	q31.23	PSD
<i>RPS3A</i>	4	152020725	152025804	q31.3	PSD
<i>TRIM2</i>	4	154073494	154260472	q31.3	PSD
<i>FGB</i>	4	155484108	155492238	q31.3	PSD
<i>FGG</i>	4	155525286	155534119	q31.3	PSD
<i>GRIA2</i>	4	158125334	158287227	q32.1	PSD
<i>PPID</i>	4	159630286	159644548	q32.1	PSD
<i>RAPGEF2</i>	4	160025330	160281321	q32.1	PSD
<i>ASB5</i>	4	177134824	177198722	q34.2	BP
<i>ENPP6</i>	4	185009859	185142383	q35.1	PSD
<i>SLC25A4</i>	4	186064395	186071536	q35.1	PSD
<i>SORBS2</i>	4	186506598	186877806	q35.1	PSD
<i>CCDC127</i>	5	196986	218330	p15.33	PSD
<i>EXOC3</i>	5	443273	472052	p15.33	PSD
<i>TPPP</i>	5	660883	693510	p15.33	PSD
<i>NDUFS6</i>	5	1801514	1816719	p15.33	PSD
<i>CCT5</i>	5	10250033	10266524	p15.2	PSD
<i>CTNND2</i>	5	10971952	11904155	p15.2	PSD
<i>TRIO</i>	5	14143811	14532235	p15.2	PSD
<i>BASP1</i>	5	17065707	17276943	p15.1	PSD
<i>CDH10</i>	5	24487209	24645087	p14.1	PSD
<i>SLC1A3</i>	5	36606457	36688436	p13.2	PSD
<i>OXCT1</i>	5	41730167	41870621	p13.1	PSD
<i>NNT</i>	5	43602794	43707507	p12	PSD
<i>RAB3C</i>	5	57878048	58155213	q11.2	PSD
<i>KIF2A</i>	5	61601989	61833076	q12.1	PSD
<i>ERBB2IP</i>	5	65222303	65378377	q12.3	PSD
<i>MRPS36</i>	5	68513587	68525956	q13.2	PSD
<i>MCCC2</i>	5	70883115	70954531	q13.2	PSD
<i>MAP1B</i>	5	71403061	71505395	q13.2	PSD
<i>TNPO1</i>	5	72112139	72212560	q13.2	PSD
<i>AP3B1</i>	5	77296349	77590579	q14.1	PSD
<i>HOMER1</i>	5	78668459	78810040	q14.1	PSD
<i>RASGRF2</i>	5	80256491	80525975	q14.1	PSD
<i>VCAN</i>	5	82767284	82878122	q14.2	PSD
<i>HAPLN1</i>	5	82933624	83017432	q14.3	PSD
<i>TTC37</i>	5	94799599	94890711	q15	PSD
<i>SLC25A46</i>	5	110073837	110100857	q22.1	PSD
<i>APC</i>	5	112043195	112181936	q22.2	PSD
<i>REEP5</i>	5	112212084	112258236	q22.2	PSD
<i>KCNN2</i>	5	113696642	113832337	q22.3	BP
<i>AP3S1</i>	5	115177178	115249778	q22.3	PSD
<i>HSD17B4</i>	5	118788138	118972894	q23.1	PSD
<i>SNX2</i>	5	122110691	122165803	q23.2	PSD
<i>ALDH7A1</i>	5	125877533	125931110	q23.2	PSD
<i>SLC12A2</i>	5	127419458	127525380	q23.3	PSD
<i>ACSL6</i>	5	131142683	131347936	q31.1	PSD

<i>KIF3A</i>	5	132028320	132073330	q31.1	PSD
<i>SEPT8</i>	5	132086509	132142933	q31.1	PSD
<i>HSPA4</i>	5	132387654	132442141	q31.1	PSD
<i>VDAC1</i>	5	133307606	133340824	q31.1	PSD
<i>HSPA9</i>	5	137890571	137911133	q31.2	PSD
<i>CTNNA1</i>	5	137946656	138270723	q31.2	PSD
<i>PURA</i>	5	139487362	139496321	q31.2	PSD
<i>NDUFA2</i>	5	140018325	140027370	q31.3	PSD
<i>HARS2</i>	5	140071011	140078889	q31.3	PSD
<i>PCDH1</i>	5	141232938	141258811	q31.3	PSD
<i>ARHGAP26</i>	5	142149949	142608576	q31.3	PSD
<i>KCTD16</i>	5	143550396	143865249	q31.3	PSD
<i>DPYSL3</i>	5	146770374	146889619	q32	PSD
<i>HTR4</i>	5	147830595	148056798	q32	BP
<i>ABLIM3</i>	5	148521046	148640105	q32	PSD
<i>CAMK2A</i>	5	149599054	149669854	q32	PSD
<i>RPS14</i>	5	149822753	149829319	q33.1	PSD
<i>SYNPO</i>	5	149980642	150038782	q33.1	PSD
<i>DCTN4</i>	5	150088002	150138671	q33.1	PSD
<i>ANXA6</i>	5	150480273	150537443	q33.1	PSD
<i>GRIA1</i>	5	152869175	153193429	q33.2	PSD
<i>SGCD</i>	5	155297354	156194799	q33.2	PSD
<i>CYFIP2</i>	5	156693089	156822606	q33.3	PSD
<i>GABRA1</i>	5	161274197	161326975	q34	PSD
<i>NUDCD2</i>	5	162873532	162887146	q34	PSD
<i>RARS</i>	5	167913450	167946304	q34	PSD
<i>DOCK2</i>	5	169064251	169510386	q35.1	PSD
<i>KCNIP1</i>	5	169780491	170163636	q35.1	BP
<i>NPM1</i>	5	170814120	170838141	q35.1	PSD
<i>SFXN1</i>	5	174904065	174956745	q35.2	PSD
<i>CLTB</i>	5	175819456	175843570	q35.2	PSD
<i>GPRIN1</i>	5	176022803	176037134	q35.2	PSD
<i>PRR7</i>	5	176873446	176883283	q35.3	PSD
<i>DBN1</i>	5	176883609	176901402	q35.3	PSD
<i>EXOC2</i>	6	485133	693117	p25.3	PSD
<i>TUBB2A</i>	6	3153903	3157760	p25.2	PSD
<i>TUBB2B</i>	6	3224495	3231964	p25.2	PSD
<i>NRN1</i>	6	5998232	6007200	p25.1	PSD
<i>DSP</i>	6	7541808	7586950	p24.3	PSD
<i>PHACTR1</i>	6	12717893	13288645	p24.1	PSD
<i>CAP2</i>	6	17393447	17558023	p22.3	PSD
<i>ALDH5A1</i>	6	24495080	24537435	p22.3	PSD
<i>GABBR1</i>	6	29523406	29601753	p22.1	PSD
<i>MOG</i>	6	29624758	29640149	p22.1	PSD
<i>GNL1</i>	6	30509154	30524951	p21.33	PSD
<i>FLOT1</i>	6	30695486	30710510	p21.33	PSD
<i>ATP6V1G2</i>	6	31512239	31516204	p21.33	PSD

<i>BAG6</i>	6	31606805	31620482	p21.33	PSD
<i>VAR5</i>	6	31745295	31763730	p21.33	PSD
<i>HSPA1L</i>	6	31777396	31783437	p21.33	PSD
<i>HSPA1A</i>	6	31783291	31785723	p21.33	PSD
<i>HSPA1B</i>	6	31795512	31798031	p21.33	PSD
<i>SKIV2L</i>	6	31926857	31937532	p21.33	PSD
<i>PRRT1</i>	6	32116136	32122150	p21.32	PSD
<i>VPS52</i>	6	33218049	33239824	p21.32	PSD
<i>RPS18</i>	6	33239787	33244287	p21.32	PSD
<i>SYNGAP1</i>	6	33387847	33421466	p21.32	PSD
<i>PACSLN1</i>	6	34433916	34503006	p21.31	PSD
<i>PPARD</i>	6	35310335	35395968	p21.31	BP
<i>RPL10A</i>	6	35436185	35438562	p21.31	PSD
<i>FKBP5</i>	6	35541362	35696360	p21.31	BP
<i>CPNE5</i>	6	36708552	36807778	p21.2	PSD
<i>PPIL1</i>	6	36822603	36842800	p21.2	PSD
<i>MTCH1</i>	6	36935917	36954074	p21.2	PSD
<i>DAAM2</i>	6	39760142	39872648	p21.2	PSD
<i>PPP2R5D</i>	6	42952237	42980080	p21.1	PSD
<i>HSP90AB1</i>	6	44214824	44221620	p21.1	PSD
<i>DST</i>	6	56322785	56819426	p12.1	PSD
<i>RIMS1</i>	6	72596406	73112845	q13	PSD
<i>EEF1A1</i>	6	74225473	74233520	q13	PSD
<i>MYO6</i>	6	76458909	76629254	q14.1	PSD
<i>SNAP91</i>	6	84262599	84419410	q14.2	PSD
<i>NT5E</i>	6	86159809	86205500	q14.3	PSD
<i>SYNCRIP</i>	6	86318053	86353510	q14.3	PSD
<i>SNX3</i>	6	108532426	108582464	q21	PSD
<i>WASF1</i>	6	110421022	110501207	q21	PSD
<i>FYN</i>	6	111981535	112194655	q21	PSD
<i>GJA1</i>	6	121756838	121770873	q22.31	PSD
<i>FABP7</i>	6	123100620	123105219	q22.31	PSD
<i>TRDN</i>	6	123537483	123958238	q22.31	BP
<i>KIAA0408</i>	6	127761488	127780536	q22.33	PSD
<i>EPB41L2</i>	6	131160487	131384462	q23.2	PSD
<i>STX7</i>	6	132767006	132834337	q23.2	PSD
<i>VTA1</i>	6	142468367	142545826	q24.1	PSD
<i>STXBP5</i>	6	147525561	147706866	q24.3	PSD
<i>PCMT1</i>	6	150070579	150132556	q25.1	PSD
<i>ULBP1</i>	6	150285143	150294846	q25.1	BP
<i>MTHFD1L</i>	6	151186685	151423023	q25.1	PSD
<i>AKAP12</i>	6	151561134	151679692	q25.1	PSD
<i>SYNE1</i>	6	152442819	152958936	q25.2	PSD
<i>SNX9</i>	6	158244296	158366109	q25.3	PSD
<i>EZR</i>	6	159186773	159240444	q25.3	PSD
<i>TCP1</i>	6	160199530	160210781	q25.3	PSD
<i>PARK2</i>	6	161768452	163148803	q26	BP

<i>MLLT4</i>	6	168227602	168372703	q27	PSD
<i>ACTB</i>	7	5566782	5603415	p22.1	PSD
<i>FSCN1</i>	7	5632439	5646286	p22.1	PSD
<i>CYTH3</i>	7	6201407	6312275	p22.1	PSD
<i>RAC1</i>	7	6414154	6443608	p22.1	PSD
<i>NDUFA4</i>	7	10971578	10979883	p21.3	PSD
<i>SCIN</i>	7	12610203	12693228	p21.3	PSD
<i>DGKB</i>	7	14184674	15014402	p21.2	PSD
<i>MPP6</i>	7	24612887	24733812	p15.3	PSD
<i>CYCS</i>	7	25159710	25164980	p15.3	PSD
<i>SCRN1</i>	7	29959719	30029905	p14.3	PSD
<i>AQP1</i>	7	30893010	30965131	p14.3	PSD
<i>BBS9</i>	7	33168856	33645680	p14.3	BP
<i>SEPT7</i>	7	35840542	35944917	p14.2	PSD
<i>AMPH</i>	7	38423305	38671167	p14.1	PSD
<i>RALA</i>	7	39663082	39747723	p14.1	PSD
<i>HECW1</i>	7	43152198	43605600	p14.1	PSD
<i>DBNL</i>	7	44084239	44109055	p13	PSD
<i>CAMK2B</i>	7	44256749	44374176	p13	PSD
<i>OGDH</i>	7	44646171	44748665	p13	PSD
<i>PPIA</i>	7	44836279	44864163	p13	PSD
<i>PURB</i>	7	44915896	44924960	p13	PSD
<i>LANCL2</i>	7	55433141	55501435	p11.2	PSD
<i>GBAS</i>	7	56019486	56067874	p11.2	PSD
<i>CCT6A</i>	7	56119323	56131682	p11.2	PSD
<i>STX1A</i>	7	73113536	73134002	q11.23	PSD
<i>CLIP2</i>	7	73703805	73820273	q11.23	PSD
<i>HIP1</i>	7	75162621	75368280	q11.23	PSD
<i>POR</i>	7	75528518	75616173	q11.23	PSD
<i>MDH2</i>	7	75677369	75696826	q11.23	PSD
<i>HSPB1</i>	7	75931861	75933612	q11.23	PSD
<i>YWHAG</i>	7	75956116	75988348	q11.23	PSD
<i>MAGI2</i>	7	77646393	79082890	q21.11	PSD
<i>GNAI1</i>	7	79763271	79848718	q21.11	PSD
<i>CACNA2D1</i>	7	81575760	82073114	q21.11	PSD
<i>PCLO</i>	7	82383329	82792246	q21.11	PSD
<i>ADAM22</i>	7	87563458	87832204	q21.12	PSD
<i>SRI</i>	7	87834433	87856308	q21.12	PSD
<i>PPP1R9A</i>	7	94536514	94925727	q21.3	PSD
<i>DYNC1I1</i>	7	95401866	95739634	q21.3	PSD
<i>SLC25A13</i>	7	95749532	95951459	q21.3	PSD
<i>LMTK2</i>	7	97736197	97838945	q21.3	PSD
<i>ATP5J2</i>	7	99046098	99063954	q22.1	PSD
<i>TSC22D4</i>	7	100060982	100076902	q22.1	PSD
<i>GNB2</i>	7	100271154	100276797	q22.1	PSD
<i>AP1S1</i>	7	100797678	100804877	q22.1	PSD
<i>VGF</i>	7	100805790	100808874	q22.1	PSD

<i>FIS1</i>	7	100882739	100895597	q22.1	PSD
<i>RELN</i>	7	103112231	103629963	q22.1	BP
<i>SRPK2</i>	7	104751151	105039755	q22.3	PSD
<i>PRKAR2B</i>	7	106685094	106802256	q22.3	PSD
<i>DLD</i>	7	107531415	107572175	q31.1	PSD
<i>NRCAM</i>	7	107788068	108097161	q31.1	PSD
<i>DOCK4</i>	7	111366166	111846466	q31.1	PSD
<i>CAPZA2</i>	7	116451124	116562103	q31.2	PSD
<i>PTPRZ1</i>	7	121513143	121702090	q31.32	PSD
<i>NDUFA5</i>	7	123177051	123198309	q31.32	PSD
<i>WASL</i>	7	123321989	123389121	q31.32	PSD
<i>ARF5</i>	7	127228399	127231759	q32.1	PSD
<i>SND1</i>	7	127292234	127732661	q32.1	PSD
<i>PLXNA4</i>	7	131808091	132333447	q32.3	PSD
<i>CHCHD3</i>	7	132469629	132766848	q33	PSD
<i>EXOC4</i>	7	132937829	133751342	q33	PSD
<i>WDR91</i>	7	134868590	134896316	q33	PSD
<i>KIAA1549</i>	7	138516126	138666064	q34	PSD
<i>AGK</i>	7	141250989	141355044	q34	PSD
<i>SSBP1</i>	7	141438121	141487722	q34	PSD
<i>GSTK1</i>	7	142941186	142967947	q34	PSD
<i>CNTNAP2</i>	7	145813453	148118090	q35	PSD
<i>ABCB8</i>	7	150725510	150744869	q36.1	PSD
<i>CDK5</i>	7	150750899	150755617	q36.1	PSD
<i>AGAP3</i>	7	150782918	150841523	q36.1	PSD
<i>DPP6</i>	7	153584182	154685995	q36.2	PSD
<i>UBE3C</i>	7	156931607	157062066	q36.3	PSD
<i>DNAJB6</i>	7	157128075	157210133	q36.3	PSD
<i>DLGAP2</i>	8	1449532	1656642	p23.3	PSD
<i>KBTBD11</i>	8	1922044	1955102	p23.3	PSD
<i>AGPAT5</i>	8	6565878	6617184	p23.1	PSD
<i>PSD3</i>	8	18384811	18942240	p22	PSD
<i>ATP6V1B2</i>	8	20054878	20084330	p21.3	PSD
<i>XPO7</i>	8	21777180	21864096	p21.3	PSD
<i>DMTN</i>	8	21906506	21940038	p21.3	PSD
<i>PHYHIP</i>	8	22077222	22089854	p21.3	PSD
<i>NEFM</i>	8	24770525	24776607	p21.2	PSD
<i>NEFL</i>	8	24808468	24814624	p21.2	PSD
<i>DOCK5</i>	8	25042238	25275598	p21.2	PSD
<i>DPYSL2</i>	8	26371791	26515694	p21.2	PSD
<i>PTK2B</i>	8	27168999	27316903	p21.2	PSD
<i>CLU</i>	8	27454434	27472548	p21.1	PSD
<i>NRG1</i>	8	31496902	32622548	p12	BP
<i>ERLIN2</i>	8	37594117	37616619	p11.23	PSD
<i>PROSC</i>	8	37620111	37637283	p11.23	PSD
<i>TACC1</i>	8	38585704	38710546	p11.22	PSD
<i>ANK1</i>	8	41510739	41754280	p11.21	PSD

<i>AP3M2</i>	8	42010464	42029191	p11.21	PSD
<i>VDAC3</i>	8	42249142	42263415	p11.21	PSD
<i>HOOK3</i>	8	42752075	42885682	p11.21	PSD
<i>PRKDC</i>	8	48685669	48872743	q11.21	PSD
<i>UBE2V2</i>	8	48920960	48977268	q11.21	PSD
<i>ATP6V1H</i>	8	54628117	54756118	q11.23	PSD
<i>LYN</i>	8	56792372	56923940	q12.1	PSD
<i>SDCBP</i>	8	59465483	59495419	q12.1	PSD
<i>VCPIP1</i>	8	67540722	67579452	q13.1	PSD
<i>TRPA1</i>	8	72932152	72987852	q13.3	BP
<i>KCNB2</i>	8	73449626	73850584	q13.3	BP
<i>RPL7</i>	8	74202506	74208024	q21.11	PSD
<i>GDAP1</i>	8	75233365	75401107	q21.11	PSD
<i>IMPA1</i>	8	82570196	82598928	q21.13	PSD
<i>CA1</i>	8	86239837	86291243	q21.2	PSD
<i>CA2</i>	8	86376081	86393722	q21.2	PSD
<i>DECR1</i>	8	91013633	91064320	q21.3	PSD
<i>UQCRB</i>	8	97238148	97247862	q22.1	PSD
<i>MTDH</i>	8	98656407	98740998	q22.1	PSD
<i>RPL30</i>	8	99037079	99058697	q22.2	PSD
<i>COX6C</i>	8	100885428	100906290	q22.2	PSD
<i>PABPC1</i>	8	101698044	101735037	q22.3	PSD
<i>YWHAZ</i>	8	101928753	101965616	q22.3	PSD
<i>NCALD</i>	8	102698771	103137135	q22.3	PSD
<i>ATP6V1C1</i>	8	104033291	104085279	q22.3	PSD
<i>OXR1</i>	8	107282473	107764922	q23.1	PSD
<i>SNTB1</i>	8	121547985	121825513	q24.12	PSD
<i>NDUFB9</i>	8	125551344	125580751	q24.13	PSD
<i>KIAA0196</i>	8	126036502	126104082	q24.13	PSD
<i>FAM49B</i>	8	130851839	131029375	q24.21	PSD
<i>EFR3A</i>	8	132916335	133025889	q24.22	PSD
<i>NDRG1</i>	8	134249414	134314265	q24.22	PSD
<i>TRAPPC9</i>	8	140742586	141468678	q24.3	PSD
<i>PTK2</i>	8	141667999	142012315	q24.3	PSD
<i>BAI1</i>	8	143530791	143626370	q24.3	PSD
<i>LYNX1</i>	8	143845752	143859640	q24.3	PSD
<i>LY6H</i>	8	144239331	144242128	q24.3	PSD
<i>EEF1D</i>	8	144661867	144681711	q24.3	PSD
<i>PYCRL</i>	8	144686083	144691943	q24.3	PSD
<i>SCRIB</i>	8	144873090	144897549	q24.3	PSD
<i>EPPK1</i>	8	144939497	144952632	q24.3	PSD
<i>RPL8</i>	8	146015150	146017972	q24.3	PSD
<i>AK3</i>	9	4711155	4742043	p24.1	PSD
<i>PTPRD</i>	9	8314246	10612723	p23	PSD
<i>SH3GL2</i>	9	17579080	17797127	p22.2	PSD
<i>NDUFB6</i>	9	32552997	32573160	p21.1	PSD
<i>DNAJA1</i>	9	33025209	33039905	p21.1	PSD

<i>BAG1</i>	9	33247818	33264761	p13.3	BP
<i>DCTN3</i>	9	34613548	34620515	p13.3	PSD
<i>KIAA1045</i>	9	34957484	34982541	p13.3	PSD
<i>VCP</i>	9	35056061	35073246	p13.3	PSD
<i>STOML2</i>	9	35099888	35103154	p13.3	PSD
<i>TLN1</i>	9	35696945	35732392	p13.3	PSD
<i>GLIPR2</i>	9	36136732	36163910	p13.3	PSD
<i>CLTA</i>	9	36190853	36304778	p13.3	PSD
<i>GRHPR</i>	9	37422663	37436987	p13.2	PSD
<i>TJP2</i>	9	71736209	71870124	q21.11	PSD
<i>ANXA1</i>	9	75766673	75785309	q21.13	PSD
<i>GNA14</i>	9	80037995	80263223	q21.2	PSD
<i>GNAQ</i>	9	80331003	80646374	q21.2	PSD
<i>HNRNPK</i>	9	86582998	86595569	q21.32	PSD
<i>DIRAS2</i>	9	93372114	93405386	q22.2	PSD
<i>AUH</i>	9	93976097	94124195	q22.31	PSD
<i>IARS</i>	9	94972489	95056038	q22.31	PSD
<i>TMOD1</i>	9	100263462	100364030	q22.33	PSD
<i>CORO2A</i>	9	100883257	100954922	q22.33	PSD
<i>GABBR2</i>	9	101050391	101471479	q22.33	PSD
<i>GRIN3A</i>	9	104331635	104500862	q31.1	BP
<i>PALM2</i>	9	112403068	112713755	q31.3	PSD
<i>AKAP2</i>	9	112542769	112934792	q31.3	BP
<i>HSDL2</i>	9	115142217	115234690	q32	PSD
<i>FKBP15</i>	9	115923286	115983641	q32	PSD
<i>ATP6V1G1</i>	9	117350026	117360653	q32	PSD
<i>TNC</i>	9	117782806	117880536	q33.1	PSD
<i>RAB14</i>	9	123940415	123985292	q33.2	PSD
<i>GSN</i>	9	123970072	124095121	q33.2	PSD
<i>STOM</i>	9	124101355	124132531	q33.2	PSD
<i>DAB2IP</i>	9	124329336	124547809	q33.2	PSD
<i>RPL35</i>	9	127620159	127624260	q33.3	PSD
<i>HSPA5</i>	9	127997132	128003609	q33.3	PSD
<i>GAPVD1</i>	9	128024073	128129486	q33.3	PSD
<i>RPL12</i>	9	130209953	130213684	q33.3	PSD
<i>LRSAM1</i>	9	130213765	130265780	q33.3	PSD
<i>STXBP1</i>	9	130374544	130457460	q34.11	PSD
<i>AK1</i>	9	130628759	130640022	q34.11	PSD
<i>DNM1</i>	9	130965658	131017527	q34.11	PSD
<i>SLC27A4</i>	9	131102925	131123749	q34.11	PSD
<i>SPTAN1</i>	9	131314866	131395941	q34.11	PSD
<i>LRRC8A</i>	9	131644391	131680318	q34.11	PSD
<i>SH3GLB2</i>	9	131769315	131790582	q34.11	PSD
<i>CRAT</i>	9	131857089	131873468	q34.11	PSD
<i>RPL7A</i>	9	136215069	136218281	q34.2	PSD
<i>OLFM1</i>	9	137967268	138013025	q34.3	PSD
<i>GPSM1</i>	9	139221932	139254057	q34.3	PSD

<i>GRIN1</i>	9	140032842	140063207	q34.3	PSD
<i>WDR37</i>	10	1095478	1178237	p15.3	PSD
<i>PFKP</i>	10	3108525	3179904	p15.2	PSD
<i>AKR1C1</i>	10	4934796	5025475	p15.1	PSD
<i>AKR1C2</i>	10	5029967	5060223	p15.1	PSD
<i>GDI2</i>	10	5807186	5884095	p15.1	PSD
<i>ATP5C1</i>	10	7830092	7849778	p14	PSD
<i>FAM171A1</i>	10	15253642	15413061	p13	PSD
<i>VIM</i>	10	17270258	17279592	p13	PSD
<i>NEBL</i>	10	21068902	21463116	p12.31	PSD
<i>PIP4K2A</i>	10	22823778	23003484	p12.2	PSD
<i>KIAA1217</i>	10	23983675	24836772	p12.2	PSD
<i>ARHGAP21</i>	10	24872538	25012597	p12.1	PSD
<i>GPR158</i>	10	25463991	25891155	p12.1	PSD
<i>ABI1</i>	10	27035522	27150016	p12.1	PSD
<i>ACBD5</i>	10	27484146	27531059	p12.1	PSD
<i>RAB18</i>	10	27793197	27831143	p12.1	PSD
<i>MPP7</i>	10	28339922	28623415	p12.1	PSD
<i>KIF5B</i>	10	32297938	32345359	p11.22	PSD
<i>CCNY</i>	10	35535953	35860852	p11.21	PSD
<i>OGDHL</i>	10	50942689	50970425	q11.23	PSD
<i>CISD1</i>	10	60028818	60049346	q21.1	PSD
<i>TFAM</i>	10	60144782	60158981	q21.1	PSD
<i>ANK3</i>	10	61786056	62493248	q21.2	PSD
<i>CTNNA3</i>	10	67672276	69455927	q21.3	BP
<i>HK1</i>	10	71029740	71161638	q22.1	PSD
<i>C10orf35</i>	10	71390007	71393352	q22.1	PSD
<i>SAR1A</i>	10	71907045	71930279	q22.1	PSD
<i>ANXA7</i>	10	75134859	75173834	q22.2	PSD
<i>PPP3CB</i>	10	75196186	75255782	q22.2	PSD
<i>SEC24C</i>	10	75504120	75531919	q22.2	PSD
<i>CAMK2G</i>	10	75572259	75634343	q22.2	PSD
<i>VCL</i>	10	75757872	75879918	q22.2	PSD
<i>VDAC2</i>	10	76969912	76991206	q22.2	PSD
<i>ANXA11</i>	10	81910645	81965328	q22.3	PSD
<i>NRG3</i>	10	83635070	84746935	q23.1	BP
<i>GLUD1</i>	10	88810243	88854623	q23.2	PSD
<i>ATAD1</i>	10	89511269	89601100	q23.31	PSD
<i>KIF20B</i>	10	91461367	91534700	q23.31	PSD
<i>EXOC6</i>	10	94590935	94819250	q23.33	PSD
<i>LGI1</i>	10	95517566	95557916	q23.33	PSD
<i>SORBS1</i>	10	97071528	97321171	q24.1	PSD
<i>PGAM1</i>	10	99185917	99193198	q24.1	PSD
<i>GOLGA7B</i>	10	99609996	99631337	q24.2	PSD
<i>CRTAC1</i>	10	99624757	99790585	q24.2	PSD
<i>GOT1</i>	10	101156627	101190381	q24.2	PSD
<i>ERLIN1</i>	10	101909851	101948091	q24.31	PSD

<i>NDUFB8</i>	10	102265385	102289638	q24.31	PSD
<i>SFXN3</i>	10	102790991	102800998	q24.31	PSD
<i>PSD</i>	10	104162376	104181296	q24.32	PSD
<i>ACTR1A</i>	10	104238986	104262482	q24.32	PSD
<i>SUFU</i>	10	104263744	104393292	q24.32	BP
<i>INA</i>	10	105036920	105050108	q24.33	PSD
<i>USMG5</i>	10	105148798	105156223	q24.33	PSD
<i>SH3PXD2A</i>	10	105348285	105615301	q24.33	PSD
<i>SLK</i>	10	105726959	105788991	q24.33	PSD
<i>GSTO1</i>	10	105995114	106027217	q25.1	PSD
<i>ADD3</i>	10	111756126	111895323	q25.1	PSD
<i>ABLIM1</i>	10	116190872	116444762	q25.3	PSD
<i>HSPA12A</i>	10	118430703	118502085	q25.3	PSD
<i>KIAA1598</i>	10	118643742	118886097	q25.3	PSD
<i>BAG3</i>	10	121410882	121437331	q26.11	PSD
<i>PLEKHA1</i>	10	124134212	124191867	q26.13	PSD
<i>DOCK1</i>	10	128593978	129250781	q26.2	PSD
<i>DPYSL4</i>	10	134000404	134019280	q26.3	PSD
<i>STK32C</i>	10	134020996	134145351	q26.3	PSD
<i>RIC8A</i>	11	207511	215113	p15.5	PSD
<i>TALDO1</i>	11	747329	765024	p15.5	PSD
<i>CEND1</i>	11	787104	790123	p15.5	PSD
<i>SLC25A22</i>	11	790475	798316	p15.5	PSD
<i>AP2A2</i>	11	924894	1012239	p15.5	PSD
<i>TOLLIP</i>	11	1295601	1330884	p15.5	PSD
<i>KCNQ1</i>	11	2465914	2870339	p15.5	BP
<i>NAP1L4</i>	11	2965667	3013607	p15.4	PSD
<i>RHOG</i>	11	3848208	3862213	p15.4	PSD
<i>TRIM3</i>	11	6469843	6495689	p15.4	PSD
<i>TPP1</i>	11	6634000	6640692	p15.4	PSD
<i>IPO7</i>	11	9406169	9469673	p15.4	PSD
<i>SBF2</i>	11	9800214	10315754	p15.4	PSD
<i>RPS13</i>	11	17095936	17099334	p15.1	PSD
<i>LDHA</i>	11	18415935	18429972	p15.1	PSD
<i>TSG101</i>	11	18489883	18548779	p15.1	PSD
<i>LIN7C</i>	11	27516123	27528320	p14.1	PSD
<i>BDNF</i>	11	27676440	27743605	p14.1	BP
<i>TCP11L1</i>	11	33060963	33127489	p13	PSD
<i>KIAA1549L</i>	11	33563618	33695648	p13	PSD
<i>CD59</i>	11	33719807	33757991	p13	PSD
<i>PDHX</i>	11	34937376	35042138	p13	PSD
<i>SLC1A2</i>	11	35272753	35441610	p13	PSD
<i>HSD17B12</i>	11	43577986	43878167	p11.2	PSD
<i>ARHGAP1</i>	11	46698630	46722165	p11.2	PSD
<i>CKAP5</i>	11	46764598	46867847	p11.2	PSD
<i>ARFGAP2</i>	11	47185848	47198676	p11.2	PSD
<i>MADD</i>	11	47290712	47351582	p11.2	PSD

<i>NDUFS3</i>	11	47586888	47606114	p11.2	PSD
<i>MTCH2</i>	11	47638867	47664175	p11.2	PSD
<i>RTN4RL2</i>	11	57228022	57245007	q12.1	PSD
<i>CTNND1</i>	11	57520715	57587018	q12.1	PSD
<i>SYT7</i>	11	61282785	61348620	q12.2	PSD
<i>FTH1</i>	11	61727190	61735132	q12.3	PSD
<i>AHNAK</i>	11	62201016	62323707	q12.3	PSD
<i>EEF1G</i>	11	62327073	62342401	q12.3	PSD
<i>B3GAT3</i>	11	62382768	62389647	q12.3	PSD
<i>BSCL2</i>	11	62457747	62477317	q12.3	PSD
<i>GNG3</i>	11	62475130	62476673	q12.3	PSD
<i>SLC3A2</i>	11	62623518	62656352	q12.3	PSD
<i>RTN3</i>	11	63448918	63527363	q13.1	PSD
<i>MARK2</i>	11	63606400	63678491	q13.1	PSD
<i>MACROD1</i>	11	63766030	63933578	q13.1	PSD
<i>STIP1</i>	11	63952744	63972015	q13.1	PSD
<i>PRDX5</i>	11	64085560	64089283	q13.1	PSD
<i>PYGM</i>	11	64513861	64527769	q13.1	PSD
<i>EHD1</i>	11	64619114	64655768	q13.1	PSD
<i>CAPN1</i>	11	64948037	64979477	q13.1	PSD
<i>CFL1</i>	11	65590493	65629497	q13.1	PSD
<i>PACS1</i>	11	65837834	66012218	q13.1	PSD
<i>KLC2</i>	11	66024765	66035331	q13.2	PSD
<i>RAB1B</i>	11	66036004	66044963	q13.2	PSD
<i>RIN1</i>	11	66097713	66104311	q13.2	PSD
<i>ACTN3</i>	11	66313866	66330800	q13.2	PSD
<i>SPTBN2</i>	11	66452719	66496697	q13.2	PSD
<i>PC</i>	11	66615704	66725847	q13.2	PSD
<i>ADRBK1</i>	11	67033881	67054027	q13.2	PSD
<i>PPP1CA</i>	11	67165654	67188654	q13.2	PSD
<i>CORO1B</i>	11	67205519	67211292	q13.2	PSD
<i>AIP</i>	11	67250512	67258574	q13.2	PSD
<i>GSTP1</i>	11	67351066	67354131	q13.2	PSD
<i>NDUFV1</i>	11	67374323	67380006	q13.2	PSD
<i>CPT1A</i>	11	68522088	68611878	q13.3	PSD
<i>PPFIA1</i>	11	70116806	70230509	q13.3	PSD
<i>SHANK2</i>	11	70313961	70963623	q13.4	PSD
<i>PDE2A</i>	11	72287185	72385635	q13.4	PSD
<i>RAB6A</i>	11	73386683	73472182	q13.4	PSD
<i>PGM2L1</i>	11	74041363	74109518	q13.4	PSD
<i>ARRB1</i>	11	74975226	75062873	q13.4	PSD
<i>RPS3</i>	11	75110530	75133324	q13.4	PSD
<i>MAP6</i>	11	75297963	75380165	q13.5	PSD
<i>CAPN5</i>	11	76777979	76837201	q13.5	PSD
<i>PAK1</i>	11	77032752	77185680	q14.1	PSD
<i>DLG2</i>	11	83166055	85338966	q14.1	PSD
<i>TMEM126A</i>	11	85359011	85367591	q14.1	PSD

<i>GRM5</i>	11	88237744	88799113	q14.3	PSD
<i>GRIA4</i>	11	105480721	105852819	q22.3	PSD
<i>KBTBD3</i>	11	105921825	105948492	q22.3	PSD
<i>AASDHPPT</i>	11	105946228	105969437	q22.3	PSD
<i>ACAT1</i>	11	107992243	108018503	q22.3	PSD
<i>RDX</i>	11	110045605	110167447	q22.3	PSD
<i>CRYAB</i>	11	111779289	111794446	q23.1	PSD
<i>DLAT</i>	11	111895538	111935114	q23.1	PSD
<i>NCAM1</i>	11	112831997	113149158	q23.2	PSD
<i>UBE4A</i>	11	118230300	118269926	q23.3	PSD
<i>ATP5L</i>	11	118271869	118302211	q23.3	PSD
<i>ARCN1</i>	11	118443105	118473748	q23.3	PSD
<i>PHLDB1</i>	11	118477155	118528741	q23.3	PSD
<i>DDX6</i>	11	118620034	118661858	q23.3	PSD
<i>RPS25</i>	11	118886422	118889401	q23.3	PSD
<i>VPS11</i>	11	118938403	118952688	q23.3	PSD
<i>GRIK4</i>	11	120382468	120859613	q23.3	BP
<i>HSPA8</i>	11	122928197	122933938	q24.1	PSD
<i>SRPR</i>	11	126132814	126139039	q24.2	PSD
<i>OPCML</i>	11	132284871	133402414	q25	PSD
<i>IQSEC3</i>	12	175931	287626	p13.33	PSD
<i>NINJ2</i>	12	673462	772945	p13.33	PSD
<i>WNK1</i>	12	861759	1020618	p13.33	PSD
<i>ERC1</i>	12	1099675	1605099	p13.33	PSD
<i>CACNA2D4</i>	12	1901123	2028002	p13.33	BP
<i>FKBP4</i>	12	2904119	2914576	p13.33	PSD
<i>NDUFA9</i>	12	4758261	4798454	p13.32	PSD
<i>CD9</i>	12	6308881	6347425	p13.31	PSD
<i>GAPDH</i>	12	6643093	6647537	p13.31	PSD
<i>USP5</i>	12	6961292	6975796	p13.31	PSD
<i>TPI1</i>	12	6976283	6980112	p13.31	PSD
<i>ENO2</i>	12	7022909	7032861	p13.31	PSD
<i>PHB2</i>	12	7074490	7079988	p13.31	PSD
<i>KLRK1</i>	12	10524952	10544473	p13.2	BP
<i>GRIN2B</i>	12	13693165	14133053	p13.1	PSD
<i>STRAP</i>	12	16035325	16056412	p12.3	PSD
<i>PLEKHA5</i>	12	19282648	19529334	p12.3	PSD
<i>LDHB</i>	12	21788276	21910791	p12.1	PSD
<i>C2CD5</i>	12	22601517	22697480	p12.1	PSD
<i>KRAS</i>	12	25357723	25403870	p12.1	PSD
<i>STK38L</i>	12	27396901	27478892	p11.23	PSD
<i>DNM1L</i>	12	32832134	32898486	p11.21	PSD
<i>KIF21A</i>	12	39687030	39837192	q12	PSD
<i>CNTN1</i>	12	41086244	41466220	q12	PSD
<i>TWF1</i>	12	44187526	44200178	q12	PSD
<i>PFKM</i>	12	48498922	48540187	q13.11	PSD
<i>CACNB3</i>	12	49207577	49222724	q13.12	PSD

<i>ARF3</i>	12	49329506	49351334	q13.12	PSD
<i>TUBA1B</i>	12	49521565	49525180	q13.12	PSD
<i>TUBA1A</i>	12	49578579	49583107	q13.12	PSD
<i>PRPH</i>	12	49687035	49692465	q13.12	PSD
<i>PRPF40B</i>	12	49962001	50038449	q13.12	PSD
<i>FMNL3</i>	12	50031724	50101948	q13.12	PSD
<i>LIMA1</i>	12	50569571	50677329	q13.12	PSD
<i>DIP2B</i>	12	50898768	51142450	q13.12	PSD
<i>PCBP2</i>	12	53835525	53874946	q13.13	PSD
<i>CALCOCO1</i>	12	54104903	54121529	q13.13	PSD
<i>HNRNPA1</i>	12	54673977	54680872	q13.13	PSD
<i>NCKAP1L</i>	12	54891495	54937726	q13.13	PSD
<i>RAB5B</i>	12	56367697	56388490	q13.2	PSD
<i>MYL6B</i>	12	56546040	56553431	q13.2	PSD
<i>MYL6</i>	12	56551945	56557280	q13.2	PSD
<i>CS</i>	12	56665483	56694176	q13.3	PSD
<i>ATP5B</i>	12	57031959	57039798	q13.3	PSD
<i>LRP1</i>	12	57522276	57607134	q13.3	PSD
<i>SHMT2</i>	12	57623110	57628718	q13.3	PSD
<i>MARS</i>	12	57869228	57911352	q13.3	PSD
<i>DCTN2</i>	12	57923885	57941114	q13.3	PSD
<i>KIF5A</i>	12	57943781	57980415	q13.3	PSD
<i>AGAP2</i>	12	58118980	58135940	q14.1	PSD
<i>USP15</i>	12	62654119	62811211	q14.1	PSD
<i>TBK1</i>	12	64845660	64895888	q14.2	PSD
<i>CAND1</i>	12	67663061	67713731	q14.3	PSD
<i>CCT2</i>	12	69979114	69995350	q15	PSD
<i>RAB21</i>	12	72148654	72184699	q21.1	PSD
<i>SYT1</i>	12	79257773	79845788	q21.2	PSD
<i>PPP1R12A</i>	12	80167343	80329240	q21.31	PSD
<i>LIN7A</i>	12	81186299	81331704	q21.31	PSD
<i>PPFIA2</i>	12	81652045	82153332	q21.31	PSD
<i>ATP2B1</i>	12	89981828	90103077	q21.33	PSD
<i>EEA1</i>	12	93164413	93323107	q22	PSD
<i>UBE2N</i>	12	93799449	93836038	q22	PSD
<i>NDUFA12</i>	12	95290831	95397546	q22	PSD
<i>SLC25A3</i>	12	98987369	98995946	q23.1	PSD
<i>ANKS1B</i>	12	99120235	100378432	q23.1	PSD
<i>HSP90B1</i>	12	104323885	104347423	q23.3	PSD
<i>KIAA1033</i>	12	105501102	105562912	q23.3	PSD
<i>APPL2</i>	12	105567074	105630016	q23.3	PSD
<i>CKAP4</i>	12	106631655	106698057	q23.3	PSD
<i>CORO1C</i>	12	109038885	109125372	q24.11	PSD
<i>ATP2A2</i>	12	110718561	110788898	q24.11	PSD
<i>ARPC3</i>	12	110872630	110888227	q24.11	PSD
<i>VPS29</i>	12	110928902	110939922	q24.11	PSD
<i>PPP1CC</i>	12	111157485	111180744	q24.11	PSD

<i>ALDH2</i>	12	112204691	112247782	q24.12	PSD
<i>RPL6</i>	12	112842994	112856642	q24.13	PSD
<i>PTPN11</i>	12	112856155	112947717	q24.13	PSD
<i>RPH3A</i>	12	113008184	113336686	q24.13	PSD
<i>RASAL1</i>	12	113536624	113574044	q24.13	PSD
<i>PEBP1</i>	12	118573663	118583389	q24.23	PSD
<i>HSPB8</i>	12	119616447	119658936	q24.23	PSD
<i>CIT</i>	12	120123595	120315095	q24.23	PSD
<i>RAB35</i>	12	120532899	120555306	q24.23	PSD
<i>RPLP0</i>	12	120634489	120639038	q24.23	PSD
<i>DYNLL1</i>	12	120907653	120936296	q24.31	PSD
<i>CAMKK2</i>	12	121675497	121736111	q24.31	PSD
<i>VPS33A</i>	12	122714111	122751068	q24.31	PSD
<i>HIP1R</i>	12	123319000	123347507	q24.31	PSD
<i>UBC</i>	12	125396150	125401914	q24.31	PSD
<i>AACS</i>	12	125549925	125627873	q24.31	BP
<i>RIMBP2</i>	12	130880682	131200826	q24.33	PSD
<i>PGAM5</i>	12	133287405	133299228	q24.33	PSD
<i>SACS</i>	13	23902965	24007841	q12.12	PSD
<i>ATP12A</i>	13	25254549	25285921	q12.12	PSD
<i>AMER2</i>	13	25735822	25746426	q12.13	PSD
<i>ATP8A2</i>	13	25946209	26599989	q12.13	PSD
<i>WASF3</i>	13	27131840	27263085	q12.13	PSD
<i>HSPH1</i>	13	31710762	31736525	q12.3	PSD
<i>PDS5B</i>	13	33160564	33352157	q13.1	BP
<i>DCLK1</i>	13	36345478	36705443	q13.3	PSD
<i>COG3</i>	13	46039060	46110765	q14.13	PSD
<i>LCP1</i>	13	46700055	46786006	q14.13	PSD
<i>SUCLA2</i>	13	48510622	48612125	q14.2	PSD
<i>LMO7</i>	13	76194570	76434004	q22.2	PSD
<i>KCTD12</i>	13	77454312	77460540	q22.3	PSD
<i>MYCBP2</i>	13	77618792	77901185	q22.3	PSD
<i>IPO5</i>	13	98605912	98676551	q32.2	PSD
<i>FARP1</i>	13	98794816	99102027	q32.2	PSD
<i>STK24</i>	13	99102455	99230194	q32.2	BP
<i>DOCK9</i>	13	99445741	99738879	q32.3	PSD
<i>PCCA</i>	13	100741269	101182686	q32.3	PSD
<i>DAOA</i>	13	106118216	106143383	q33.2	BP
<i>ARHGEF7</i>	13	111766906	111958084	q34	PSD
<i>NDRG2</i>	14	21484922	21539031	q11.2	PSD
<i>DAD1</i>	14	23033805	23058175	q11.2	PSD
<i>PRMT5</i>	14	23389720	23398794	q11.2	PSD
<i>CPNE6</i>	14	24540046	24547309	q11.2	PSD
<i>SCFD1</i>	14	31091318	31205018	q12	PSD
<i>SNX6</i>	14	35030300	35099389	q13.1	PSD
<i>CFL2</i>	14	35179593	35184029	q13.1	PSD
<i>RALGAPA1</i>	14	36007558	36278510	q13.2	PSD

<i>SEC23A</i>	14	39501123	39578850	q21.1	PSD
<i>ATL1</i>	14	50999227	51099786	q22.1	PSD
<i>GNG2</i>	14	52292913	52446060	q22.1	PSD
<i>KTN1</i>	14	56025790	56168244	q22.3	PSD
<i>EXOC5</i>	14	57670518	57735726	q22.3	PSD
<i>DAAM1</i>	14	59655364	59838123	q23.1	PSD
<i>RTN1</i>	14	60062694	60337684	q23.1	PSD
<i>MTHFD1</i>	14	64854749	64926722	q23.3	PSD
<i>HSPA2</i>	14	65002623	65009955	q23.3	PSD
<i>SPTB</i>	14	65213002	65346601	q23.3	PSD
<i>RAB15</i>	14	65412532	65439494	q23.3	PSD
<i>GPHN</i>	14	66974125	67648520	q23.3	PSD
<i>ATP6V1D</i>	14	67761088	67826982	q23.3	PSD
<i>EIF2S1</i>	14	67826714	67853233	q23.3	PSD
<i>ACTN1</i>	14	69340860	69446157	q24.1	PSD
<i>SIPA1L1</i>	14	71787166	72207946	q24.2	PSD
<i>ALDH6A1</i>	14	74523553	74551196	q24.3	PSD
<i>DLST</i>	14	75348594	75370448	q24.3	PSD
<i>AHSA1</i>	14	77924213	77935817	q24.3	PSD
<i>NRXN3</i>	14	78708734	80330762	q24.3	PSD
<i>PSMC1</i>	14	90722839	90738968	q32.11	PSD
<i>CALM1</i>	14	90862846	90874605	q32.11	PSD
<i>TTC7B</i>	14	91006932	91282823	q32.11	PSD
<i>C14orf159</i>	14	91526677	91691976	q32.11	PSD
<i>EVL</i>	14	100437786	100610573	q32.2	PSD
<i>BEGAIN</i>	14	101003486	101053750	q32.2	PSD
<i>DYNC1H1</i>	14	102430865	102517129	q32.31	PSD
<i>HSP90AA1</i>	14	102547075	102606036	q32.31	PSD
<i>CDC42BPB</i>	14	103398716	103523799	q32.32	PSD
<i>CKB</i>	14	103985996	103989448	q32.32	PSD
<i>BAG5</i>	14	104022881	104029168	q32.33	PSD
<i>KLC1</i>	14	104028233	104167888	q32.33	PSD
<i>INF2</i>	14	105155943	105185942	q32.33	PSD
<i>CEP170B</i>	14	105331617	105363107	q32.33	PSD
<i>CRIP2</i>	14	105939299	105946499	q32.33	PSD
<i>IGHA1</i>	14	106173457	106175002	q32.33	PSD
<i>IGHM</i>	14	106320349	106322323	q32.33	PSD
<i>CYFIP1</i>	15	22892005	23006016	q11.2	PSD
<i>GABRG3</i>	15	27216429	27778373	q12	BP
<i>TJP1</i>	15	29991571	30261068	q13.1	PSD
<i>RMDN3</i>	15	41028082	41048049	q15.1	PSD
<i>VPS18</i>	15	41186628	41196173	q15.1	PSD
<i>EHD4</i>	15	42190950	42264776	q15.1	PSD
<i>VPS39</i>	15	42450899	42500514	q15.1	PSD
<i>LRRC57</i>	15	42834720	42841000	q15.2	PSD
<i>EPB42</i>	15	43398423	43513481	q15.2	PSD
<i>MAP1A</i>	15	43803156	43823818	q15.3	PSD

<i>CKMT1B</i>	15	43885252	43897099	q15.3	PSD
<i>PDIA3</i>	15	44038590	44065477	q15.3	PSD
<i>DMXL2</i>	15	51739908	51915030	q21.2	PSD
<i>TMOD2</i>	15	52043758	52108565	q21.2	PSD
<i>GNB5</i>	15	52413117	52483566	q21.2	PSD
<i>MYO5A</i>	15	52599480	52821247	q21.2	PSD
<i>MYO1E</i>	15	59427113	59665099	q22.2	PSD
<i>FAM81A</i>	15	59664892	59815748	q22.2	PSD
<i>ANXA2</i>	15	60639333	60695082	q22.2	PSD
<i>TLN2</i>	15	62682725	63136830	q22.2	PSD
<i>TPM1</i>	15	63334831	63364114	q22.2	PSD
<i>RAB8B</i>	15	63481668	63559981	q22.2	PSD
<i>SNX1</i>	15	64386322	64438289	q22.31	PSD
<i>PPIB</i>	15	64448011	64455404	q22.31	PSD
<i>PTPLAD1</i>	15	65822756	65870687	q22.31	PSD
<i>MAP2K1</i>	15	66679155	66784650	q22.31	PSD
<i>RPL4</i>	15	66790355	66816870	q22.31	PSD
<i>CORO2B</i>	15	68871308	69020145	q23	PSD
<i>NEO1</i>	15	73344051	73597547	q24.1	PSD
<i>NPTN</i>	15	73852355	73926475	q24.1	PSD
<i>COX5A</i>	15	75212132	75230509	q24.2	PSD
<i>LINGO1</i>	15	77905369	78113242	q24.3	PSD
<i>IDH3A</i>	15	78423840	78464291	q25.1	PSD
<i>RPS17</i>	15	82821158	82824972	q25.2	PSD
<i>AP3B2</i>	15	83328033	83378666	q25.2	PSD
<i>HOMER2</i>	15	83509838	83654661	q25.2	PSD
<i>SH3GL3</i>	15	84115980	84287495	q25.2	PSD
<i>ALPK3</i>	15	85359911	85416713	q25.3	BP
<i>PDE8A</i>	15	85523671	85682376	q25.3	PSD
<i>NTRK3</i>	15	88418230	88799999	q25.3	BP
<i>AP3S2</i>	15	90373831	90437574	q26.1	PSD
<i>IDH2</i>	15	90626277	90645736	q26.1	PSD
<i>IQGAP1</i>	15	90931450	91045475	q26.1	PSD
<i>SYNM</i>	15	99638420	99675798	q26.3	PSD
<i>TARSL2</i>	15	102193801	102264807	q26.3	PSD
<i>DECR2</i>	16	451826	462487	p13.3	PSD
<i>RHOT2</i>	16	718086	724174	p13.3	PSD
<i>STUB1</i>	16	730224	732870	p13.3	PSD
<i>CACNA1H</i>	16	1203241	1271771	p13.3	BP
<i>MAPK8IP3</i>	16	1756184	1820318	p13.3	PSD
<i>NME3</i>	16	1820287	1821731	p13.3	PSD
<i>NDUFB10</i>	16	2009509	2011976	p13.3	PSD
<i>SYNGR3</i>	16	2039661	2044276	p13.3	PSD
<i>SLC9A3R2</i>	16	2075357	2089027	p13.3	PSD
<i>TSC2</i>	16	2097466	2138716	p13.3	PSD
<i>CASKIN1</i>	16	2227184	2246526	p13.3	PSD
<i>TBC1D24</i>	16	2525147	2555735	p13.3	PSD

<i>PDPK1</i>	16	2587965	2653189	p13.3	PSD
<i>DNASE1</i>	16	3661729	3730144	p13.3	PSD
<i>TRAP1</i>	16	3701640	3767598	p13.3	PSD
<i>DNAJA3</i>	16	4475806	4506776	p13.3	PSD
<i>HMOX2</i>	16	4524691	4560348	p13.3	PSD
<i>ROGDI</i>	16	4846969	4852951	p13.3	PSD
<i>GRIN2A</i>	16	9852376	10276611	p13.2	PSD
<i>NOMO1</i>	16	14927538	14990017	p13.11	PSD
<i>NDE1</i>	16	15737124	15820210	p13.11	PSD
<i>MYH11</i>	16	15797029	15950890	p13.11	PSD
<i>RPS15A</i>	16	18792617	18801705	p12.3	PSD
<i>GPRC5B</i>	16	19868616	19897489	p12.3	PSD
<i>CRYM</i>	16	21250195	21314404	p12.2	PSD
<i>UQCRC2</i>	16	21963981	21994981	p12.2	PSD
<i>PRKCB</i>	16	23847322	24231932	p12.2	PSD
<i>EIF3C</i>	16	28699879	28747051	p11.2	PSD
<i>TUFM</i>	16	28853732	28857729	p11.2	PSD
<i>ATP2A1</i>	16	28889726	28915830	p11.2	PSD
<i>MVP</i>	16	29831715	29859355	p11.2	PSD
<i>TAOK2</i>	16	29984962	30003582	p11.2	PSD
<i>ALDOA</i>	16	30064411	30081778	p11.2	PSD
<i>MAPK3</i>	16	30125426	30134827	p11.2	PSD
<i>CORO1A</i>	16	30194148	30200397	p11.2	PSD
<i>STX1B</i>	16	31000577	31021949	p11.2	PSD
<i>STX4</i>	16	31044210	31054296	p11.2	PSD
<i>BCKDK</i>	16	31117428	31124110	p11.2	PSD
<i>VPS35</i>	16	46690054	46723430	q11.2	PSD
<i>DNAJA2</i>	16	46989299	47007699	q12.1	PSD
<i>CYLD</i>	16	50775961	50835846	q12.1	PSD
<i>GNAO1</i>	16	56225302	56391356	q12.2	PSD
<i>PLLP</i>	16	57290004	57318599	q13	PSD
<i>CSNK2A2</i>	16	58191811	58231824	q21	PSD
<i>GOT2</i>	16	58741035	58768261	q21	PSD
<i>DYNC1LI2</i>	16	66754796	66785701	q22.1	PSD
<i>ATP6V0D1</i>	16	67471917	67515140	q22.1	PSD
<i>SNTB2</i>	16	69221032	69342955	q22.1	PSD
<i>VPS4A</i>	16	69345259	69358949	q22.1	PSD
<i>AARS</i>	16	70286198	70323446	q22.1	PSD
<i>VAC14</i>	16	70721342	70835064	q22.2	PSD
<i>AP1G1</i>	16	71762913	71843104	q22.2	PSD
<i>GLG1</i>	16	74485856	74641012	q23.1	PSD
<i>GABARAPL2</i>	16	75600249	75611779	q23.1	PSD
<i>KARS</i>	16	75661622	75682541	q23.1	PSD
<i>DYNLRB2</i>	16	80574631	80584657	q23.2	PSD
<i>CDH13</i>	16	82660408	83830204	q23.3	PSD
<i>HSDL1</i>	16	84155886	84178797	q23.3	PSD
<i>KIAA0513</i>	16	85061375	85127836	q24.1	PSD

<i>COX4I1</i>	16	85832239	85840650	q24.1	PSD
<i>RPL13</i>	16	89627065	89630950	q24.3	PSD
<i>CHMP1A</i>	16	89710839	89724253	q24.3	PSD
<i>TUBB3</i>	16	89985573	90002500	q24.3	PSD
<i>VPS53</i>	17	411908	624957	p13.3	PSD
<i>GLOD4</i>	17	660337	685581	p13.3	PSD
<i>ABR</i>	17	906758	1132315	p13.3	PSD
<i>YWHAE</i>	17	1247566	1303672	p13.3	PSD
<i>MYO1C</i>	17	1367392	1396106	p13.3	PSD
<i>PITPNA</i>	17	1421012	1466110	p13.3	PSD
<i>CAMKK1</i>	17	3763609	3798185	p13.2	PSD
<i>ANKFY1</i>	17	4067201	4167274	p13.2	PSD
<i>PSMB6</i>	17	4699439	4701790	p13.2	PSD
<i>MINK1</i>	17	4736683	4801356	p13.2	PSD
<i>SLC25A11</i>	17	4840425	4843546	p13.2	PSD
<i>PFN1</i>	17	4848947	4852356	p13.2	PSD
<i>ENO3</i>	17	4851387	4860426	p13.2	PSD
<i>C1QBP</i>	17	5336097	5352150	p13.2	PSD
<i>DLG4</i>	17	7093209	7123021	p13.1	PSD
<i>NLGN2</i>	17	7308193	7323179	p13.1	PSD
<i>FXR2</i>	17	7494548	7518189	p13.1	PSD
<i>ATP1B2</i>	17	7549945	7561086	p13.1	PSD
<i>VAMP2</i>	17	8062467	8066864	p13.1	PSD
<i>MYH10</i>	17	8377523	8534079	p13.1	PSD
<i>GAS7</i>	17	9813926	10101868	p13.1	PSD
<i>MPRIIP</i>	17	16945859	17120993	p11.2	PSD
<i>TOM1L2</i>	17	17746828	17875736	p11.2	PSD
<i>LLGL1</i>	17	18128901	18148189	p11.2	PSD
<i>FLII</i>	17	18148150	18162230	p11.2	PSD
<i>ALDH3A2</i>	17	19551449	19580911	p11.2	PSD
<i>SPECC1</i>	17	19912657	20222339	p11.2	PSD
<i>ALDOC</i>	17	26900133	26904282	q11.2	PSD
<i>RPL23A</i>	17	27046411	27051377	q11.2	PSD
<i>FLOT2</i>	17	27206353	27224697	q11.2	PSD
<i>MYO18A</i>	17	27400528	27507430	q11.2	PSD
<i>TAOK1</i>	17	27717482	27878922	q11.2	PSD
<i>GIT1</i>	17	27900487	27921072	q11.2	PSD
<i>NF1</i>	17	29421945	29709134	q11.2	PSD
<i>OMG</i>	17	29599031	29624557	q11.2	PSD
<i>RHOT1</i>	17	30469473	30580393	q11.2	PSD
<i>PSMD11</i>	17	30771279	30810336	q11.2	PSD
<i>MYO1D</i>	17	30819540	31204195	q11.2	PSD
<i>CCT6B</i>	17	33254878	33308097	q12	PSD
<i>AP2B1</i>	17	33905065	34053436	q12	PSD
<i>ACACA</i>	17	35441923	35766909	q12	PSD
<i>ARHGAP23</i>	17	36584662	36668628	q12	PSD
<i>PIP4K2B</i>	17	36921942	36956379	q12	PSD

<i>LASP1</i>	17	37026112	37078023	q12	PSD
<i>CACNB1</i>	17	37329709	37353956	q12	PSD
<i>WIPF2</i>	17	38375556	38440388	q21.1	PSD
<i>JUP</i>	17	39775692	39943183	q21.2	PSD
<i>ACLY</i>	17	40023161	40086795	q21.2	PSD
<i>CNP</i>	17	40118759	40129749	q21.2	PSD
<i>RAB5C</i>	17	40276994	40307035	q21.2	PSD
<i>ATP6V0A1</i>	17	40610862	40674629	q21.2	PSD
<i>COASY</i>	17	40713485	40718295	q21.2	PSD
<i>CNTNAP1</i>	17	40834631	40851832	q21.2	PSD
<i>VAT1</i>	17	41166622	41177140	q21.31	PSD
<i>DUSP3</i>	17	41843489	41856356	q21.31	PSD
<i>MPP2</i>	17	41952725	41987068	q21.31	PSD
<i>SLC4A1</i>	17	42325753	42345509	q21.31	PSD
<i>GFAP</i>	17	42982376	42994305	q21.31	PSD
<i>DCAKD</i>	17	43100708	43138473	q21.31	PSD
<i>PLCD3</i>	17	43186335	43210721	q21.31	PSD
<i>FMNL1</i>	17	43298811	43324687	q21.31	PSD
<i>MAPT</i>	17	43971748	44105700	q21.31	PSD
<i>NSF</i>	17	44668035	44834830	q21.31	PSD
<i>NPEPPS</i>	17	45600308	45700642	q21.32	PSD
<i>KPNB1</i>	17	45726842	45762871	q21.32	PSD
<i>CDK5RAP3</i>	17	46045176	46059140	q21.32	PSD
<i>PHB</i>	17	47481414	47492246	q21.33	PSD
<i>PPP1R9B</i>	17	48211104	48227991	q21.33	PSD
<i>LRRC59</i>	17	48452420	48474914	q21.33	PSD
<i>NME1</i>	17	49230897	49239789	q21.33	PSD
<i>NME1-NME2</i>	17	49230920	49249108	q21.33	PSD
<i>CA10</i>	17	49707674	50237377	q22	BP
<i>KIF2B</i>	17	51900239	51902573	q22	PSD
<i>DYNLL2</i>	17	56160776	56172897	q22	PSD
<i>EPX</i>	17	56270098	56282535	q22	PSD
<i>MPO</i>	17	56347217	56358296	q22	PSD
<i>SEPT4</i>	17	56597611	56618179	q22	PSD
<i>CLTC</i>	17	57697219	57773671	q23.1	PSD
<i>CA4</i>	17	58227297	58248260	q23.1	PSD
<i>GNA13</i>	17	63006833	63052957	q24.1	PSD
<i>PRKCA</i>	17	64298754	64806861	q24.2	PSD
<i>PRKAR1A</i>	17	66507921	66547460	q24.2	PSD
<i>CDC42EP4</i>	17	71279763	71308314	q25.1	PSD
<i>RPL38</i>	17	72199721	72206794	q25.1	PSD
<i>BTBD17</i>	17	72352555	72358085	q25.1	PSD
<i>ATP5H</i>	17	73034958	73043080	q25.1	PSD
<i>GGA3</i>	17	73232694	73258444	q25.1	PSD
<i>ZACN</i>	17	74068042	74079747	q25.1	PSD
<i>EXOC7</i>	17	74077087	74117657	q25.1	PSD
<i>SEPT9</i>	17	75276651	75496678	q25.2	PSD

<i>NPTX1</i>	17	78440948	78451643	q25.3	PSD
<i>BAIAP2</i>	17	79008948	79091232	q25.3	PSD
<i>HGS</i>	17	79650356	79670168	q25.3	PSD
<i>ARHGDIA</i>	17	79825597	79829282	q25.3	PSD
<i>FASN</i>	17	80036214	80056208	q25.3	PSD
<i>CSNK1D</i>	17	80196899	80231607	q25.3	PSD
<i>FN3K</i>	17	80693451	80709073	q25.3	PSD
<i>TBCD</i>	17	80709940	80900724	q25.3	PSD
<i>USP14</i>	18	158383	214629	p11.32	PSD
<i>YES1</i>	18	721588	812547	p11.32	PSD
<i>DLGAP1</i>	18	3496030	4455335	p11.31	PSD
<i>EPB41L3</i>	18	5392383	5630699	p11.31	PSD
<i>NDUFV2</i>	18	9102628	9134343	p11.22	PSD
<i>VAPA</i>	18	9913999	9960018	p11.22	PSD
<i>NAPG</i>	18	10525902	10552758	p11.22	PSD
<i>AFG3L2</i>	18	12328943	12377313	p11.21	PSD
<i>SPIRE1</i>	18	12446511	12658133	p11.21	PSD
<i>ROCK1</i>	18	18526867	18691812	q11.1	PSD
<i>AQP4</i>	18	24432002	24445782	q11.2	PSD
<i>CDH2</i>	18	25530930	25757410	q12.1	PSD
<i>DTNA</i>	18	32073254	32471808	q12.1	PSD
<i>MAPRE2</i>	18	32556892	32723434	q12.1	PSD
<i>ATP5A1</i>	18	43664110	43684300	q21.1	PSD
<i>SMAD2</i>	18	45357922	45457515	q21.1	BP
<i>TXNL1</i>	18	54264439	54318831	q21.31	PSD
<i>WDR7</i>	18	54318574	54698828	q21.31	PSD
<i>KIAA1468</i>	18	59854491	59974355	q21.33	PSD
<i>BCL2</i>	18	60790579	60987361	q21.33	BP
<i>CNDP2</i>	18	72163051	72188366	q22.3	PSD
<i>MBP</i>	18	74690783	74845639	q23	PSD
<i>BSG</i>	19	571297	583493	p13.3	PSD
<i>PALM</i>	19	708953	748329	p13.3	PSD
<i>GPX4</i>	19	1103936	1106787	p13.3	PSD
<i>ATP5D</i>	19	1241749	1244824	p13.3	PSD
<i>NDUFS7</i>	19	1383526	1395583	p13.3	PSD
<i>AP3D1</i>	19	2100988	2164464	p13.3	PSD
<i>LMNB2</i>	19	2427636	2456994	p13.3	PSD
<i>GNG7</i>	19	2511217	2702707	p13.3	PSD
<i>GNA11</i>	19	3094408	3124002	p13.3	PSD
<i>PIP5K1C</i>	19	3630181	3700477	p13.3	PSD
<i>EEF2</i>	19	3976054	3985467	p13.3	PSD
<i>MAP2K2</i>	19	4090319	4124126	p13.3	PSD
<i>ANKRD24</i>	19	4183351	4224811	p13.3	PSD
<i>FSD1</i>	19	4304597	4323840	p13.3	PSD
<i>SH3GL1</i>	19	4360367	4400544	p13.3	PSD
<i>UBXN6</i>	19	4444996	4457819	p13.3	PSD
<i>PTPRS</i>	19	5158506	5340814	p13.3	PSD

<i>RPL36</i>	19	5674958	5691887	p13.3	PSD
<i>LONP1</i>	19	5691845	5720583	p13.3	PSD
<i>C3</i>	19	6677715	6730573	p13.3	PSD
<i>PNPLA6</i>	19	7598890	7626650	p13.2	PSD
<i>NDUFA7</i>	19	8373167	8386263	p13.2	PSD
<i>RAB11B</i>	19	8454865	8469318	p13.2	PSD
<i>HNRNPM</i>	19	8509651	8553998	p13.2	PSD
<i>MYO1F</i>	19	8585674	8642461	p13.2	PSD
<i>PIN1</i>	19	9945933	9960358	p13.2	PSD
<i>ICAM5</i>	19	10400657	10407454	p13.2	PSD
<i>DNM2</i>	19	10828755	10944164	p13.2	PSD
<i>KANK2</i>	19	11274943	11308467	p13.2	PSD
<i>PRDX2</i>	19	12907634	12912694	p13.2	PSD
<i>FARSA</i>	19	13033293	13044851	p13.2	PSD
<i>CC2D1A</i>	19	14017014	14041692	p13.12	PSD
<i>LPHN1</i>	19	14260750	14316999	p13.12	PSD
<i>PKN1</i>	19	14543865	14582679	p13.12	PSD
<i>GIPC1</i>	19	14588572	14606944	p13.12	PSD
<i>DNAJB1</i>	19	14625582	14640582	p13.12	PSD
<i>NDUFB7</i>	19	14676890	14682874	p13.12	PSD
<i>TPM4</i>	19	16177831	16213813	p13.12	PSD
<i>AP1M1</i>	19	16308389	16346160	p13.11	PSD
<i>EPS15L1</i>	19	16466050	16582896	p13.11	PSD
<i>SLC27A1</i>	19	17579578	17616977	p13.11	PSD
<i>UNC13A</i>	19	17712137	17799401	p13.11	PSD
<i>RPL18A</i>	19	17970685	17974962	p13.11	PSD
<i>CCDC124</i>	19	18043825	18054800	p13.11	PSD
<i>RAB3A</i>	19	18307594	18314884	p13.11	PSD
<i>FKBP8</i>	19	18642561	18654887	p13.11	PSD
<i>UPF1</i>	19	18942747	18979045	p13.11	PSD
<i>NCAN</i>	19	19322782	19363042	p13.11	PSD
<i>NDUFA13</i>	19	19626545	19644285	p13.11	PSD
<i>PBX4</i>	19	19672522	19729725	p13.11	BP
<i>ATP13A1</i>	19	19756007	19774502	p13.11	PSD
<i>UQCRRS1</i>	19	29698173	29704448	q12	PSD
<i>GPI</i>	19	34850385	34893061	q13.11	PSD
<i>MAG</i>	19	35783028	35804707	q13.12	PSD
<i>ATP4A</i>	19	36040945	36054560	q13.12	PSD
<i>COX6B1</i>	19	36139125	36149763	q13.12	PSD
<i>CLIP3</i>	19	36505562	36524245	q13.12	PSD
<i>TBCB</i>	19	36605191	36616849	q13.12	PSD
<i>ACTN4</i>	19	39138289	39222223	q13.2	PSD
<i>SIRT2</i>	19	39369197	39390502	q13.2	PSD
<i>RPS16</i>	19	39923847	39926588	q13.2	PSD
<i>TIMM50</i>	19	39971052	39984422	q13.2	PSD
<i>PLD3</i>	19	40854363	40886346	q13.2	PSD
<i>BLVRB</i>	19	40953696	40971747	q13.2	PSD

<i>SPTBN4</i>	19	40972148	41082370	q13.2	PSD
<i>NUMBL</i>	19	41172596	41196877	q13.2	PSD
<i>RAB4B</i>	19	41284121	41302847	q13.2	PSD
<i>RPS19</i>	19	42363988	42376994	q13.2	PSD
<i>ATP1A3</i>	19	42470734	42501649	q13.2	PSD
<i>LIPE</i>	19	42905659	42931578	q13.2	PSD
<i>IRGQ</i>	19	44088521	44100287	q13.31	PSD
<i>APOE</i>	19	45409011	45412650	q13.32	PSD
<i>DMWD</i>	19	46286205	46296060	q13.32	PSD
<i>CALM3</i>	19	47104331	47114050	q13.32	PSD
<i>STRN4</i>	19	47222764	47250251	q13.32	PSD
<i>AP2S1</i>	19	47341393	47354249	q13.32	PSD
<i>SLC8A2</i>	19	47931274	47975425	q13.32	PSD
<i>NAPA</i>	19	47990894	48018497	q13.33	PSD
<i>GRIN2D</i>	19	48898132	48948188	q13.33	PSD
<i>CYTH2</i>	19	48972289	48985571	q13.33	PSD
<i>LMTK3</i>	19	48988528	49016446	q13.33	PSD
<i>LIN7B</i>	19	49617581	49621717	q13.33	PSD
<i>PPFIA3</i>	19	49622646	49654283	q13.33	PSD
<i>SLC17A7</i>	19	49932658	49945617	q13.33	PSD
<i>ALDH16A1</i>	19	49956426	49974305	q13.33	PSD
<i>RPL13A</i>	19	49990811	49995565	q13.33	PSD
<i>RPS11</i>	19	49999622	50002946	q13.33	PSD
<i>AP2A1</i>	19	50270225	50310370	q13.33	PSD
<i>TBC1D17</i>	19	50380682	50392005	q13.33	PSD
<i>MYH14</i>	19	50691443	50813802	q13.33	PSD
<i>SHANK1</i>	19	51165084	51222707	q13.33	PSD
<i>ETFB</i>	19	51848423	51869672	q13.41	PSD
<i>PPP2R1A</i>	19	52693292	52730687	q13.41	PSD
<i>PRKCG</i>	19	54382444	54410906	q13.42	PSD
<i>SYT5</i>	19	55682567	55691809	q13.42	PSD
<i>BRSK1</i>	19	55793440	55823901	q13.42	PSD
<i>RPS5</i>	19	58897767	58906173	q13.43	PSD
<i>UBE2M</i>	19	59067079	59070327	q13.43	PSD
<i>CSNK2A1</i>	20	459116	524465	p13	PSD
<i>SNPH</i>	20	1246960	1289972	p13	PSD
<i>NSFL1C</i>	20	1422807	1454487	p13	PSD
<i>SIRPA</i>	20	1875154	1920543	p13	PSD
<i>VPS16</i>	20	2821349	2847378	p13	PSD
<i>DDRKG1</i>	20	3170996	3185331	p13	PSD
<i>PLCB1</i>	20	8112824	8949003	p12.3	PSD
<i>PLCB4</i>	20	9049410	9461889	p12.3	PSD
<i>SNAP25</i>	20	10199478	10288066	p12.2	PSD
<i>MACROD2</i>	20	13976015	16033842	p12.1	BP
<i>DSTN</i>	20	17550508	17590564	p12.1	PSD
<i>RRBP1</i>	20	17594323	17662940	p12.1	PSD
<i>SNX5</i>	20	17922241	17949623	p11.23	PSD

<i>NAPB</i>	20	23355159	23402125	p11.21	PSD
<i>CST3</i>	20	23608534	23619110	p11.21	PSD
<i>PYGB</i>	20	25228705	25278650	p11.21	PSD
<i>HCK</i>	20	30639991	30689659	q11.21	PSD
<i>MAPRE1</i>	20	31407699	31438211	q11.21	PSD
<i>SNTA1</i>	20	31995761	32031698	q11.21	PSD
<i>CHMP4B</i>	20	32399110	32442172	q11.22	PSD
<i>AHCY</i>	20	32868074	32899608	q11.22	PSD
<i>DYNLRB1</i>	20	33104214	33128762	q11.22	PSD
<i>MAP1LC3A</i>	20	33134658	33148149	q11.22	PSD
<i>EPB41L1</i>	20	34679426	34820721	q11.23	PSD
<i>DLGAP4</i>	20	34894258	35157040	q11.23	PSD
<i>RPN2</i>	20	35806813	35870022	q11.23	PSD
<i>SRC</i>	20	35973088	36034453	q11.23	PSD
<i>PLCG1</i>	20	39765600	39811629	q12	PSD
<i>GDAP1L1</i>	20	42875887	42909013	q13.12	PSD
<i>YWHAB</i>	20	43514317	43537173	q13.12	PSD
<i>TOMM34</i>	20	43570771	43589127	q13.12	PSD
<i>ACOT8</i>	20	44470360	44486045	q13.12	PSD
<i>SLC12A5</i>	20	44650356	44688784	q13.12	PSD
<i>SLC35C2</i>	20	44978167	44993043	q13.12	BP
<i>ELMO2</i>	20	44994688	45061704	q13.12	PSD
<i>PREX1</i>	20	47240790	47444420	q13.13	PSD
<i>ARFGEF2</i>	20	47538427	47653230	q13.13	PSD
<i>CSE1L</i>	20	47662849	47713489	q13.13	PSD
<i>DPM1</i>	20	49551404	49575092	q13.13	PSD
<i>BCAS1</i>	20	52553316	52687304	q13.2	PSD
<i>VAPB</i>	20	56964178	57026157	q13.32	PSD
<i>GNAS</i>	20	57414773	57486247	q13.32	PSD
<i>CDH4</i>	20	59827482	60515673	q13.33	PSD
<i>KCNQ2</i>	20	62037542	62103993	q13.33	PSD
<i>EEF1A2</i>	20	62119366	62130505	q13.33	PSD
<i>NCAM2</i>	21	22370633	22915650	q21.1	PSD
<i>CCT8</i>	21	30428126	30446118	q21.3	PSD
<i>SYNJ1</i>	21	34001069	34100359	q22.11	PSD
<i>ITSN1</i>	21	35014706	35272165	q22.11	PSD
<i>ATP5O</i>	21	35275757	35288284	q22.11	PSD
<i>CBR1</i>	21	37442239	37445464	q22.12	PSD
<i>CBR3</i>	21	37507210	37518864	q22.12	PSD
<i>PDXK</i>	21	45138975	45182188	q22.3	PSD
<i>PFKL</i>	21	45719934	45747259	q22.3	PSD
<i>SLC25A18</i>	22	18043139	18073760	q11.21	PSD
<i>ATP6V1E1</i>	22	18074902	18111584	q11.21	PSD
<i>PRODH</i>	22	18900294	18924066	q11.21	PSD
<i>SLC25A1</i>	22	19163095	19166343	q11.21	PSD
<i>SEPT5</i>	22	19701987	19712295	q11.21	PSD
<i>PI4KA</i>	22	21061979	21213705	q11.21	PSD

CRKL	22	21271714	21308037	q11.21	PSD
AIFM3	22	21319396	21335649	q11.21	PSD
MAPK1	22	22108789	22221970	q11.22	PSD
GNAZ	22	23412540	23467224	q11.22	PSD
BCR	22	23521891	23660224	q11.23	PSD
SGSM1	22	25202236	25323545	q11.23	PSD
AP1B1	22	29723669	29819168	q12.2	PSD
NEFH	22	29876219	29887379	q12.2	PSD
NIPSNAP1	22	29950797	29977326	q12.2	PSD
SEC14L2	22	30792846	30821305	q12.2	PSD
YWHAH	22	32340447	32353590	q12.3	PSD
RTCB	22	32783569	32808242	q12.3	PSD
SYN3	22	32908539	33454358	q12.3	PSD
HMGXB4	22	35653445	35691800	q12.3	BP
TOM1	22	35695268	35743985	q12.3	BP
APOL2	22	36622256	36636000	q12.3	PSD
MYH9	22	36677327	36784063	q12.3	PSD
ELFN2	22	37764000	37823505	q13.1	PSD
PDXP	22	38054734	38062941	q13.1	PSD
CSNK1E	22	38686697	38794527	q13.1	PSD
DDX17	22	38879445	38903665	q13.1	PSD
RPL3	22	39708887	39716394	q13.1	PSD
RBX1	22	41347351	41369313	q13.2	PSD
RANGAP1	22	41641615	41682255	q13.2	PSD
ACO2	22	41865129	41924993	q13.2	PSD
SEPT3	22	42372276	42394225	q13.2	PSD
PACSIN2	22	43231418	43411151	q13.2	PSD
SAMM50	22	44351301	44406411	q13.31	PSD
ATXN10	22	46067678	46241187	q13.31	PSD
SBF1	22	50883429	50913454	q13.33	PSD
SHANK3	22	51112843	51171726	q13.33	PSD
SLC25A6	X	1505045	1511617	p22.33	PSD
REPS2	X	16964814	17171395	p22.2	PSD
CDKL5	X	18443703	18671749	p22.13	PSD
PDHA1	X	19362011	19379823	p22.12	PSD
PDK3	X	24483338	24557954	p22.11	PSD
GK	X	30671476	30748725	p21.2	PSD
USP9X	X	40944888	41095832	p11.4	PSD
DDX3X	X	41192651	41223725	p11.4	PSD
CASK	X	41374187	41782716	p11.4	PSD
MAOA	X	43515467	43606068	p11.3	PSD
MAOB	X	43625858	43741693	p11.3	PSD
UBA1	X	47050260	47074527	p11.23	PSD
SYN1	X	47431303	47479252	p11.23	PSD
PRAF2	X	48928813	48931730	p11.23	PSD
SYP	X	49044269	49056718	p11.23	PSD
CCDC22	X	49091927	49106987	p11.23	PSD

<i>IQSEC2</i>	X	53262058	53350522	p11.22	PSD
<i>MSN</i>	X	64808257	64961791	q12	PSD
<i>DLG3</i>	X	69664711	69725337	q13.1	PSD
<i>SNX12</i>	X	70279094	70288273	q13.1	PSD
<i>OGT</i>	X	70752933	70795747	q13.1	PSD
<i>PGK1</i>	X	77320685	77384793	q21.1	PSD
<i>APOOL</i>	X	84258832	84343069	q21.1	PSD
<i>PLP1</i>	X	103028647	103047548	q22.2	PSD
<i>PRPS1</i>	X	106871737	106894256	q22.3	PSD
<i>ACSL4</i>	X	108867473	108976632	q23	PSD
<i>DCX</i>	X	110537007	110655603	q23	PSD
<i>SLC25A5</i>	X	118602363	118605282	q24	PSD
<i>SEPT6</i>	X	118749687	118827333	q24	PSD
<i>GRIA3</i>	X	122318006	122624766	q25	PSD
<i>RAP2C</i>	X	131337053	131353471	q26.2	PSD
<i>ATP2B3</i>	X	152783134	152848397	q28	PSD
<i>ABCD1</i>	X	152990323	153010216	q28	PSD
<i>L1CAM</i>	X	153126969	153174677	q28	PSD
<i>FLNA</i>	X	153576892	153603006	q28	PSD
<i>GDI1</i>	X	153665266	153671814	q28	PSD
<i>PLXNA3</i>	X	153686621	153701989	q28	PSD
<i>UBL4A</i>	X	153712056	153715009	q28	PSD
<i>G6PD</i>	X	153759606	153775787	q28	PSD
<i>MPP1</i>	X	154006959	154049282	q28	PSD
<i>MT-CO2</i>	MT	7586	8269		PSD

PSD = post synaptic density gene set [32]; BP = bipolar disorder candidate gene set [33-36]