

Supplementary Table S6. A summary of genes from *Fst* in LUX.

Chromosome	Starting position	Ending position	<i>Fst</i>	Gene
28	25350001	25400000	0.660119	<i>U6</i>
1	8925001	8975000	0.622037	<i>H4C3</i>
29	49025001	49075000	0.621121	<i>KCNQ1</i>
16	41150001	41200000	0.608319	<i>DHRS3</i>
16	41175001	41225000	0.608115	<i>VPS13D</i>
16	41175001	41225000	0.608115	<i>SNORA59A</i>
29	48825001	48875000	0.605938	<i>KCNQ1</i>
16	40800001	40850000	0.605393	<i>TNFSF4</i>
16	41200001	41250000	0.600382	<i>VPS13D</i>
16	41200001	41250000	0.600382	<i>SNORA59A</i>
16	40775001	40825000	0.597396	<i>TNFSF4</i>
16	65025001	65075000	0.597019	<i>COLGALT2</i>
19	50925001	50975000	0.596358	<i>NOTUM</i>
19	50925001	50975000	0.596358	<i>MAFG</i>
19	50925001	50975000	0.596358	<i>PYCR1</i>
19	50925001	50975000	0.596358	<i>MYADML2</i>
19	50950001	51000000	0.594159	<i>PCYT2</i>
19	50950001	51000000	0.594159	<i>SIRT7</i>
19	50950001	51000000	0.594159	<i>MAFG</i>
19	50950001	51000000	0.594159	<i>ANAPC11</i>
19	50950001	51000000	0.594159	<i>PYCR1</i>
19	50950001	51000000	0.594159	<i>MYADML2</i>
19	50950001	51000000	0.594159	<i>NPB</i>
19	50950001	51000000	0.594159	<i>ALYREF</i>
1	2150001	2200000	0.592622	<i>IFNAR1</i>
8	89725001	89775000	0.592401	<i>SPIN1</i>
19	50975001	51025000	0.59128	<i>PCYT2</i>
19	50975001	51025000	0.59128	<i>SIRT7</i>
19	50975001	51025000	0.59128	<i>ANAPC11</i>
19	50975001	51025000	0.59128	<i>ALYREF</i>
19	50975001	51025000	0.59128	<i>ARHGDI1</i>
19	50975001	51025000	0.59128	<i>NPB</i>
29	49000001	49050000	0.587503	<i>KCNQ1</i>
22	51025001	51075000	0.58735	<i>SLC25A20</i>
22	51025001	51075000	0.58735	<i>ARIH2</i>
22	50050001	50100000	0.581334	<i>IFRD2</i>
22	50050001	50100000	0.581334	<i>SEMA3B</i>
22	50050001	50100000	0.581334	<i>LSMEM2</i>
22	50050001	50100000	0.581334	<i>GNAI2</i>
16	41425001	41475000	0.580941	<i>VPS13D</i>
16	41400001	41450000	0.578198	<i>VPS13D</i>
16	41375001	41425000	0.576027	<i>VPS13D</i>
29	48850001	48900000	0.575118	<i>KCNQ1</i>
1	8900001	8950000	0.574349	<i>H4C3</i>
16	41275001	41325000	0.573166	<i>VPS13D</i>
22	50950001	51000000	0.572441	<i>P4HTM</i>
22	50950001	51000000	0.572441	<i>QRICH1</i>
22	50950001	51000000	0.572441	<i>WDR6</i>
22	50950001	51000000	0.572441	<i>IMPDH2</i>
22	50950001	51000000	0.572441	<i>DALRD3</i>

22	50950001	51000000	0.572441	<i>NDUFAF3</i>
22	50950001	51000000	0.572441	<i>MIR191</i>
19	51000001	51050000	0.570748	<i>P4HB</i>
19	51000001	51050000	0.570748	<i>ALYREF</i>
19	51000001	51050000	0.570748	<i>ARHGDI1A</i>
19	51000001	51050000	0.570748	<i>PPP1R27</i>
19	51000001	51050000	0.570748	<i>ANAPC11</i>
22	50975001	51025000	0.570264	<i>ARIH2</i>
22	50975001	51025000	0.570264	<i>P4HTM</i>
22	50975001	51025000	0.570264	<i>WDR6</i>
22	50975001	51025000	0.570264	<i>DALRD3</i>
16	40825001	40875000	0.569441	<i>TNFSF4</i>
22	51050001	51100000	0.568363	<i>SLC25A20</i>
22	51050001	51100000	0.568363	<i>PRKAR2A</i>
3	8975001	9025000	0.567579	<i>SLAMF1</i>
29	49050001	49100000	0.566729	<i>KCNQ1</i>
22	47925001	47975000	0.566645	<i>SFMBT1</i>
22	50075001	50125000	0.566316	<i>GNAI2</i>
22	50075001	50125000	0.566316	<i>SEMA3B</i>
8	61250001	61300000	0.566306	<i>ZCCHC7</i>
8	89700001	89750000	0.566019	<i>SPIN1</i>
16	41350001	41400000	0.565634	<i>VPS13D</i>
16	41250001	41300000	0.565425	<i>VPS13D</i>
1	1975001	2025000	0.565336	<i>GART</i>
1	1975001	2025000	0.565336	<i>SON</i>
16	41225001	41275000	0.564163	<i>VPS13D</i>
19	29650001	29700000	0.56375	<i>SCO1</i>
19	29650001	29700000	0.56375	<i>TMEM220</i>
19	29650001	29700000	0.56375	<i>ADPRM</i>
28	12800001	12850000	0.56314	<i>ZNF37A</i>
19	50900001	50950000	0.558897	<i>ASPSCR1</i>
19	50900001	50950000	0.558897	<i>NOTUM</i>
22	51000001	51050000	0.557747	<i>ARIH2</i>
22	51000001	51050000	0.557747	<i>SLC25A20</i>
8	61225001	61275000	0.556879	<i>ZCCHC7</i>
19	29600001	29650000	0.556702	<i>MYH3</i>
19	29600001	29650000	0.556702	<i>SCO1</i>
1	1950001	2000000	0.556025	<i>SON</i>
1	1950001	2000000	0.556025	<i>GART</i>
1	1950001	2000000	0.556025	<i>DONSON</i>
22	47900001	47950000	0.554712	<i>SFMBT1</i>
29	48875001	48925000	0.553574	<i>KCNQ1</i>
22	47950001	48000000	0.553322	<i>SFMBT1</i>
22	47950001	48000000	0.553322	<i>TMEM110</i>
28	28500001	28550000	0.553209	<i>MICU1</i>
5	77925001	77975000	0.552635	<i>RESF1</i>
16	41325001	41375000	0.550865	<i>VPS13D</i>
16	41075001	41125000	0.549904	<i>DHRS3</i>
16	41075001	41125000	0.549904	<i>AADA4L4</i>
29	48800001	48850000	0.547706	<i>KCNQ1</i>
28	28525001	28575000	0.547092	<i>MICU1</i>
1	2300001	2350000	0.545516	<i>IFNAR2</i>

1	2300001	2350000	0.545516	<i>IL10RB</i>
22	50925001	50975000	0.543835	<i>QRICHI</i>
22	50925001	50975000	0.543835	<i>IMPDH2</i>
22	50925001	50975000	0.543835	<i>DALRD3</i>
22	50925001	50975000	0.543835	<i>NDUFAF3</i>
22	50925001	50975000	0.543835	<i>MIR191</i>
8	78900001	78950000	0.543522	<i>AGTPBP1</i>
28	28475001	28525000	0.542924	<i>MICUI</i>
28	28450001	28500000	0.537284	<i>MICUI</i>
28	12825001	12875000	0.537215	<i>ZNF37A</i>
19	52675001	52725000	0.536926	<i>CBX4</i>
22	10775001	10825000	0.536746	<i>GOLGA4</i>
1	2000001	2050000	0.536734	<i>GART</i>
1	2000001	2050000	0.536734	<i>TMEM50B</i>
1	2000001	2050000	0.536734	<i>DNAJC28</i>
16	40625001	40675000	0.536124	<i>TNFSF18</i>
19	29625001	29675000	0.53602	<i>SCO1</i>
19	29625001	29675000	0.53602	<i>ADPRM</i>
10	30400001	30450000	0.535624	<i>AQR</i>
5	58600001	58650000	0.534981	<i>OR6C7H</i>
22	50200001	50250000	0.534343	<i>RBM5</i>
22	50200001	50250000	0.534343	<i>RBM6</i>
22	50200001	50250000	0.534343	<i>U6</i>
1	149350001	149400000	0.533777	<i>TTC3</i>
22	7325001	7375000	0.53314	<i>GLB1</i>
19	52700001	52750000	0.532445	<i>CBX4</i>
19	52700001	52750000	0.532445	<i>CBX8</i>
28	25375001	25425000	0.532185	<i>U6</i>
28	28550001	28600000	0.531518	<i>MICUI</i>
1	1900001	1950000	0.529224	<i>CRYZL1</i>
1	1900001	1950000	0.529224	<i>ITSN1</i>
1	1900001	1950000	0.529224	<i>DONSON</i>
28	28400001	28450000	0.528911	<i>MICUI</i>
2	38900001	38950000	0.52859	<i>CYTIP</i>
28	28425001	28475000	0.52745	<i>MICUI</i>
28	25900001	25950000	0.527142	<i>FAM241B</i>
28	25900001	25950000	0.527142	<i>NEUROG3</i>
22	50025001	50075000	0.525419	<i>IFRD2</i>
22	50025001	50075000	0.525419	<i>HYAL3</i>
22	50025001	50075000	0.525419	<i>HYAL1</i>
22	50025001	50075000	0.525419	<i>LSMEM2</i>
22	50025001	50075000	0.525419	<i>HYAL2</i>
22	50025001	50075000	0.525419	<i>NAA80</i>
1	1925001	1975000	0.52516	<i>SON</i>
1	1925001	1975000	0.52516	<i>CRYZL1</i>
1	1925001	1975000	0.52516	<i>DONSON</i>
14	37075001	37125000	0.524614	<i>UBE2W</i>
5	103850001	103900000	0.524443	<i>NCAPD2</i>
5	103850001	103900000	0.524443	<i>IFFO1</i>
5	103850001	103900000	0.524443	<i>NOP2</i>
5	103850001	103900000	0.524443	<i>GAPDH</i>
5	103850001	103900000	0.524443	<i>SCARNA10</i>

22	48175001	48225000	0.524206	<i>PBRM1</i>
22	48175001	48225000	0.524206	<i>GNL3</i>
22	45875001	45925000	0.523756	<i>CACNA2D3</i>
14	32525001	32575000	0.523123	<i>C14H8orf34</i>
16	41125001	41175000	0.522975	<i>DHRS3</i>
8	89675001	89725000	0.522508	<i>SPIN1</i>
2	18975001	19025000	0.52208	<i>PDE11A</i>
29	48650001	48700000	0.521542	<i>NAPIL4</i>
29	48650001	48700000	0.521542	<i>SLC22A18</i>
29	48650001	48700000	0.521542	<i>PHLDA2</i>
28	25250001	25300000	0.520217	<i>KIFBP</i>
16	41300001	41350000	0.520161	<i>VPS13D</i>
29	48900001	48950000	0.519382	<i>KCNQ1</i>
22	50300001	50350000	0.519016	<i>RBM6</i>
22	50300001	50350000	0.519016	<i>MONIA</i>
8	78925001	78975000	0.518967	<i>AGTPBP1</i>
22	47875001	47925000	0.518797	<i>SFMBT1</i>
3	9000001	9050000	0.518579	<i>SLAMF1</i>
22	50275001	50325000	0.517812	<i>RBM6</i>
16	65050001	65100000	0.517766	<i>COLGALT2</i>
7	90500001	90550000	0.517566	<i>ADGRV1</i>
1	149250001	149300000	0.517483	<i>RIPPLY3</i>
1	149250001	149300000	0.517483	<i>U6</i>
8	61200001	61250000	0.517321	<i>ZCCHC7</i>
14	32550001	32600000	0.51724	<i>C14H8orf34</i>
3	98475001	98525000	0.516828	<i>TRABD2B</i>
20	20150001	20200000	0.5164	<i>PDE4D</i>
22	50100001	50150000	0.516141	<i>GNAI2</i>
22	50100001	50150000	0.516141	<i>SLC38A3</i>
8	89650001	89700000	0.515341	<i>SPIN1</i>
8	60975001	61025000	0.515312	<i>PAX5</i>
22	48200001	48250000	0.515186	<i>PBRM1</i>
22	48375001	48425000	0.515068	<i>NISCH</i>
16	41100001	41150000	0.514956	<i>DHRS3</i>
1	149400001	149450000	0.514784	<i>TTC3</i>
13	77950001	78000000	0.51424	<i>SLC9A8</i>
13	77950001	78000000	0.51424	<i>SPATA2</i>
28	28375001	28425000	0.513539	<i>MICUI</i>
28	28375001	28425000	0.513539	<i>DNAJB12</i>
22	50900001	50950000	0.512841	<i>QRICHI</i>
22	50900001	50950000	0.512841	<i>USP19</i>
22	50900001	50950000	0.512841	<i>QARS1</i>
25	34050001	34100000	0.512821	<i>CCL24</i>
29	48625001	48675000	0.512548	<i>NAPIL4</i>
19	29675001	29725000	0.512402	<i>TMEM220</i>
19	29675001	29725000	0.512402	<i>ADPRM</i>
19	51025001	51075000	0.511571	<i>P4HB</i>
19	51025001	51075000	0.511571	<i>GCGR</i>
19	51025001	51075000	0.511571	<i>MCRIP1</i>
19	51025001	51075000	0.511571	<i>ARHGDI1A</i>
19	51025001	51075000	0.511571	<i>PPP1R27</i>
16	41025001	41075000	0.511489	<i>AADA4CL4</i>

29	48975001	49025000	0.511472	<i>KCNQ1</i>
23	15075001	15125000	0.511272	<i>TREM2</i>
23	15075001	15125000	0.511272	<i>TREML2</i>
23	15075001	15125000	0.511272	<i>TREML1</i>
24	57400001	57450000	0.511024	<i>NEDD4L</i>
8	61375001	61425000	0.509984	<i>ZCCHC7</i>
1	149375001	149425000	0.509578	<i>TTC3</i>
22	35125001	35175000	0.508854	<i>SLC25A26</i>
28	29275001	29325000	0.508819	<i>CFAP70</i>
28	29275001	29325000	0.508819	<i>FAM149B1</i>
28	29275001	29325000	0.508819	<i>DNAJC9</i>
28	29275001	29325000	0.508819	<i>MRPS16</i>
19	42550001	42600000	0.507621	<i>ATP6V0A1</i>
19	50875001	50925000	0.507352	<i>ASPSCR1</i>
19	50875001	50925000	0.507352	<i>LRRC45</i>
19	50875001	50925000	0.507352	<i>RAC3</i>
19	50875001	50925000	0.507352	<i>CENPX</i>
19	50875001	50925000	0.507352	<i>DCXR</i>
5	112375001	112425000	0.506995	<i>RANGAPI</i>
5	112375001	112425000	0.506995	<i>CHADL</i>
5	112375001	112425000	0.506995	<i>L3MBTL2</i>
5	112350001	112400000	0.506817	<i>L3MBTL2</i>
5	112350001	112400000	0.506817	<i>CHADL</i>
5	112350001	112400000	0.506817	<i>RANGAPI</i>
23	13550001	13600000	0.506316	<i>KIF6</i>
14	37100001	37150000	0.505955	<i>UBE2W</i>
8	89625001	89675000	0.505844	<i>SPIN1</i>
7	58900001	58950000	0.505619	<i>JAKMIP2</i>
20	20175001	20225000	0.505439	<i>PDE4D</i>
4	55825001	55875000	0.505288	<i>IFRD1</i>
4	55825001	55875000	0.505288	<i>LSMEM1</i>
5	112450001	112500000	0.505219	<i>ZC3H7B</i>
5	112450001	112500000	0.505219	<i>TEF</i>
29	48675001	48725000	0.50521	<i>SLC22A18</i>
29	48675001	48725000	0.50521	<i>NAPIL4</i>
29	48675001	48725000	0.50521	<i>PHLDA2</i>
22	50175001	50225000	0.504729	<i>SEMA3F</i>
22	50175001	50225000	0.504729	<i>RBM5</i>
22	10800001	10850000	0.504562	<i>GOLGA4</i>
1	149275001	149325000	0.504532	<i>PIGP</i>
1	149275001	149325000	0.504532	<i>TTC3</i>
1	149325001	149375000	0.504519	<i>TTC3</i>
28	26275001	26325000	0.504099	<i>MACROH2A2</i>
16	6425001	6475000	0.503602	<i>KCNT2</i>
21	2850001	2900000	0.503277	<i>ATP10A</i>
8	61000001	61050000	0.502843	<i>PAX5</i>
5	77950001	78000000	0.502836	<i>RESF1</i>
22	50450001	50500000	0.502521	<i>IP6K1</i>
22	50450001	50500000	0.502521	<i>RNF123</i>
22	50450001	50500000	0.502521	<i>GMPPB</i>
22	50450001	50500000	0.502521	<i>AMIGO3</i>
2	38375001	38425000	0.502503	<i>U6</i>

22	50125001	50175000	0.502491	<i>SLC38A3</i>
22	50125001	50175000	0.502491	<i>SEMA3F</i>
22	50125001	50175000	0.502491	<i>GNAT1</i>
8	86125001	86175000	0.502236	<i>ROR2</i>
19	27450001	27500000	0.501937	<i>DNAH2</i>
28	29250001	29300000	0.501631	<i>FAM149B1</i>
28	29250001	29300000	0.501631	<i>DNAJC9</i>
28	29250001	29300000	0.501631	<i>MRPS16</i>
28	29250001	29300000	0.501631	<i>CFAP70</i>
8	11550001	11600000	0.50119	<i>DDX58</i>
3	97950001	98000000	0.501185	<i>SLC5A9</i>
15	39850001	39900000	0.501158	<i>TEAD1</i>
28	29100001	29150000	0.501124	<i>P4HA1</i>
24	57425001	57475000	0.501071	<i>NEDD4L</i>
22	48975001	49025000	0.500429	<i>IQCF2</i>
22	48975001	49025000	0.500429	<i>RRP9</i>
22	48975001	49025000	0.500429	<i>PARP3</i>
22	48975001	49025000	0.500429	<i>IQCF1</i>
22	48975001	49025000	0.500429	<i>GPR62</i>
22	48975001	49025000	0.500429	<i>IQCF5</i>
22	48975001	49025000	0.500429	<i>PCBP4</i>
22	50000001	50050000	0.499428	<i>HYAL2</i>
22	50000001	50050000	0.499428	<i>IFRD2</i>
22	50000001	50050000	0.499428	<i>RASSF1</i>
22	50000001	50050000	0.499428	<i>HYAL3</i>
22	50000001	50050000	0.499428	<i>ZMYND10</i>
22	50000001	50050000	0.499428	<i>HYAL1</i>
22	50000001	50050000	0.499428	<i>NPRL2</i>
22	50000001	50050000	0.499428	<i>NAA80</i>
4	64625001	64675000	0.499328	<i>PDE1C</i>
16	45525001	45575000	0.49876	<i>UTS2</i>
8	11525001	11575000	0.498146	<i>DDX58</i>
8	11525001	11575000	0.498146	<i>TOPORS</i>
22	48225001	48275000	0.497643	<i>PBRM1</i>
22	46100001	46150000	0.49762	<i>CACNA2D3</i>
8	78875001	78925000	0.496933	<i>AGTPBP1</i>
8	89600001	89650000	0.496754	<i>NXNL2</i>
8	89600001	89650000	0.496754	<i>SPIN1</i>
1	2325001	2375000	0.496627	<i>IFNAR2</i>
16	43600001	43650000	0.496571	<i>CTNNBIP1</i>
16	43600001	43650000	0.496571	<i>LZIC</i>
16	43600001	43650000	0.496571	<i>NMNAT1</i>
28	25875001	25925000	0.496509	<i>NEUROG3</i>
26	25975001	26025000	0.495376	<i>SORCS3</i>
16	40650001	40700000	0.494966	<i>TNFSF18</i>
16	3425001	3475000	0.494965	<i>NUCKS1</i>
14	10375001	10425000	0.494911	<i>ASAPI</i>
29	48525001	48575000	0.494749	<i>CARS1</i>
29	48525001	48575000	0.494749	<i>U6</i>
8	61350001	61400000	0.49422	<i>ZCCHC7</i>
4	80600001	80650000	0.492841	<i>SUGCT</i>
24	57375001	57425000	0.49284	<i>NEDD4L</i>

5	112475001	112525000	0.492774	<i>TEF</i>
5	112475001	112525000	0.492774	<i>ZC3H7B</i>
22	35100001	35150000	0.492688	<i>SLC25A26</i>
19	27425001	27475000	0.49267	<i>DNAH2</i>
20	69300001	69350000	0.492197	<i>IRX1</i>
8	90700001	90750000	0.491042	<i>PLPPR1</i>
16	41050001	41100000	0.491024	<i>AADACL4</i>
1	2025001	2075000	0.490419	<i>TMEM50B</i>
1	2025001	2075000	0.490419	<i>DNAJC28</i>
23	13525001	13575000	0.489972	<i>KIF6</i>
18	43325001	43375000	0.489851	<i>CEP89</i>
22	48350001	48400000	0.489295	<i>NISCH</i>
22	48350001	48400000	0.489295	<i>STAB1</i>
13	77925001	77975000	0.488903	<i>SLC9A8</i>
19	29575001	29625000	0.488674	<i>MYH3</i>
8	83425001	83475000	0.488256	<i>ZNF782</i>
2	17975001	18025000	0.488059	<i>CCDC141</i>
29	49075001	49125000	0.488018	<i>KCNQ1</i>
4	64650001	64700000	0.487918	<i>PDE1C</i>
29	48550001	48600000	0.487805	<i>CARS1</i>
16	3450001	3500000	0.487305	<i>NUCKS1</i>
22	35150001	35200000	0.487055	<i>SLC25A26</i>
29	48700001	48750000	0.486576	<i>SLC22A18</i>
29	48700001	48750000	0.486576	<i>CDKN1C</i>
8	82650001	82700000	0.486541	<i>ERCC6L2</i>
16	6400001	6450000	0.486316	<i>KCNT2</i>
8	82675001	82725000	0.486295	<i>ERCC6L2</i>
19	50850001	50900000	0.485644	<i>RAC3</i>
19	50850001	50900000	0.485644	<i>LRRC45</i>
19	50850001	50900000	0.485644	<i>ASPSCR1</i>
19	50850001	50900000	0.485644	<i>CENPX</i>
19	50850001	50900000	0.485644	<i>DCXR</i>
19	50850001	50900000	0.485644	<i>DCXR</i>
16	6450001	6500000	0.48543	<i>KCNT2</i>
28	25575001	25625000	0.485396	<i>HKDC1</i>
28	25575001	25625000	0.485396	<i>SUPV3L1</i>
21	2875001	2925000	0.485356	<i>ATP10A</i>
21	2875001	2925000	0.485356	<i>U6</i>
4	12375001	12425000	0.485246	<i>PPP1R9A</i>
19	46125001	46175000	0.484919	<i>KANSL1</i>
22	48950001	49000000	0.484714	<i>PCBP4</i>
22	48950001	49000000	0.484714	<i>RRP9</i>
22	48950001	49000000	0.484714	<i>PARP3</i>
22	48950001	49000000	0.484714	<i>ABHD14B</i>
22	48950001	49000000	0.484714	<i>ACY1</i>
22	48950001	49000000	0.484714	<i>ABHD14A</i>
22	48950001	49000000	0.484714	<i>IQCF2</i>
22	48950001	49000000	0.484714	<i>GPR62</i>
22	45225001	45275000	0.484674	<i>ERC2</i>
11	100001	150000	0.484525	<i>ZC3H6</i>
16	43775001	43825000	0.48378	<i>PIK3CD</i>
16	43775001	43825000	0.48378	<i>CLSTN1</i>

16	43775001	43825000	0.48378	<i>U6</i>
10	27425001	27475000	0.483671	<i>OR4L1</i>
3	103600001	103650000	0.483476	<i>CCDC30</i>
5	47825001	47875000	0.48336	<i>HMGA2</i>
5	69600001	69650000	0.483177	<i>CKAP4</i>
22	50425001	50475000	0.482986	<i>IP6K1</i>
22	50425001	50475000	0.482986	<i>CDHR4</i>
22	50425001	50475000	0.482986	<i>UBA7</i>
22	50425001	50475000	0.482986	<i>INKA1</i>
25	18775001	18825000	0.482833	<i>DNAH3</i>
6	19025001	19075000	0.482658	<i>TBCK</i>
3	15950001	16000000	0.482556	<i>ADAR</i>
2	26625001	26675000	0.48239	<i>PPIG</i>
2	26625001	26675000	0.48239	<i>CFAP210</i>
19	26375001	26425000	0.482208	<i>KIF1C</i>
19	26375001	26425000	0.482208	<i>CAMTA2</i>
19	26375001	26425000	0.482208	<i>INCA1</i>
19	31075001	31125000	0.482116	<i>MYOCD</i>
19	42750001	42800000	0.481819	<i>EZHI</i>
19	42750001	42800000	0.481819	<i>CNTNAP1</i>
19	42750001	42800000	0.481819	<i>RAMP2</i>
16	3400001	3450000	0.481458	<i>SLC45A3</i>
2	26700001	26750000	0.481369	<i>FASTKD1</i>
2	26700001	26750000	0.481369	<i>KLHL41</i>
5	53775001	53825000	0.481036	<i>SLC16A7</i>
16	43800001	43850000	0.481025	<i>PIK3CD</i>
16	43800001	43850000	0.481025	<i>U6</i>
19	42725001	42775000	0.480981	<i>EZHI</i>
19	42725001	42775000	0.480981	<i>CNTNAP1</i>
19	42725001	42775000	0.480981	<i>PLEKHH3</i>
19	42725001	42775000	0.480981	<i>CCR10</i>
19	42725001	42775000	0.480981	<i>TUBG2</i>
16	45450001	45500000	0.480937	<i>TNFRSF9</i>
19	51225001	51275000	0.480814	<i>FAAP100</i>
19	51225001	51275000	0.480814	<i>FSCN2</i>
19	51225001	51275000	0.480814	<i>ACTG1</i>
1	152825001	152875000	0.480797	<i>ANKRD28</i>
22	7225001	7275000	0.480633	<i>TRIM71</i>
16	41500001	41550000	0.480384	<i>TNFRSF1B</i>
28	25800001	25850000	0.480073	<i>TSPAN15</i>
1	2100001	2150000	0.480041	<i>IFNGR2</i>
8	39375001	39425000	0.479899	<i>JAK2</i>
28	29125001	29175000	0.479634	<i>P4HA1</i>
8	59975001	60025000	0.479612	<i>TMEM8B</i>
8	59975001	60025000	0.479612	<i>FAM221B</i>
8	59975001	60025000	0.479612	<i>HINT2</i>
8	59975001	60025000	0.479612	<i>SPAG8</i>
28	25550001	25600000	0.47935	<i>SUPV3L1</i>
28	25550001	25600000	0.47935	<i>HKDC1</i>
28	25550001	25600000	0.47935	<i>VPS26A</i>
14	37125001	37175000	0.479081	<i>UBE2W</i>
29	48775001	48825000	0.478841	<i>KCNQ1</i>

28	28350001	28400000	0.478792	<i>DNAJB12</i>
8	86525001	86575000	0.478626	<i>AUH</i>
3	700001	750000	0.47834	<i>DCAF6</i>
22	50225001	50275000	0.478197	<i>RBM6</i>
22	50225001	50275000	0.478197	<i>RBM5</i>
22	50225001	50275000	0.478197	<i>U6</i>
19	26275001	26325000	0.478153	<i>SCIMP</i>
22	50475001	50525000	0.477928	<i>RNF123</i>
22	50475001	50525000	0.477928	<i>APEH</i>
22	50475001	50525000	0.477928	<i>IP6K1</i>
22	50475001	50525000	0.477928	<i>MST1</i>
22	50475001	50525000	0.477928	<i>GMPPB</i>
22	50475001	50525000	0.477928	<i>AMIGO3</i>
20	20200001	20250000	0.47792	<i>PDE4D</i>
14	37050001	37100000	0.477192	<i>STAU2</i>
22	50875001	50925000	0.476978	<i>LAMB2</i>
22	50875001	50925000	0.476978	<i>USP19</i>
22	50875001	50925000	0.476978	<i>QARS1</i>
22	50875001	50925000	0.476978	<i>QRICHI</i>
2	38350001	38400000	0.476932	<i>U6</i>
11	3675001	3725000	0.476588	<i>INPP4A</i>
13	17400001	17450000	0.476231	<i>RBM17</i>
4	69600001	69650000	0.476132	<i>SNX10</i>
21	2750001	2800000	0.475646	<i>ATP10A</i>
11	3700001	3750000	0.475356	<i>INPP4A</i>
7	90625001	90675000	0.475275	<i>ADGRV1</i>
15	40800001	40850000	0.475143	<i>USP47</i>
20	14725001	14775000	0.475141	<i>SREK1IP1</i>
20	14725001	14775000	0.475141	<i>SHISAL2B</i>
20	14725001	14775000	0.475141	<i>CWC27</i>
10	30375001	30425000	0.475111	<i>AQR</i>
7	90400001	90450000	0.47507	<i>ADGRV1</i>
8	61275001	61325000	0.475059	<i>ZCCHC7</i>
15	39825001	39875000	0.47499	<i>TEAD1</i>
7	58875001	58925000	0.474778	<i>JAKMIP2</i>
5	112425001	112475000	0.47471	<i>ZC3H7B</i>
5	112425001	112475000	0.47471	<i>U6</i>
5	112425001	112475000	0.47471	<i>RANGAPI</i>
19	42575001	42625000	0.474552	<i>ATP6V0A1</i>
19	42575001	42625000	0.474552	<i>NAGLU</i>
5	47800001	47850000	0.474503	<i>HMGA2</i>
22	52625001	52675000	0.474193	<i>MYL3</i>
22	52625001	52675000	0.474193	<i>PRSS42</i>
4	69625001	69675000	0.474166	<i>SNX10</i>
19	52625001	52675000	0.474003	<i>TBCID16</i>
5	77900001	77950000	0.473977	<i>RESF1</i>
2	17950001	18000000	0.47381	<i>CCDC141</i>
29	48600001	48650000	0.473565	<i>NAPIL4</i>
29	48600001	48650000	0.473565	<i>CARS1</i>
5	112500001	112550000	0.473265	<i>TEF</i>
5	112500001	112550000	0.473265	<i>TOB2</i>
3	19650001	19700000	0.47322	<i>SEMA6C</i>

3	19650001	19700000	0.47322	<i>LYSMD1</i>
3	19650001	19700000	0.47322	<i>TNFAIP8L2</i>
3	19650001	19700000	0.47322	<i>GABPB2</i>
19	42525001	42575000	0.472844	<i>ATP6V0A1</i>
13	77975001	78025000	0.472801	<i>RNF114</i>
13	77975001	78025000	0.472801	<i>SPATA2</i>
13	77975001	78025000	0.472801	<i>SNORA70</i>
28	25275001	25325000	0.47278	<i>KIFBP</i>
8	39400001	39450000	0.472595	<i>JAK2</i>
28	28900001	28950000	0.472349	<i>OIT3</i>
28	28900001	28950000	0.472349	<i>PLA2G12B</i>
28	28900001	28950000	0.472349	<i>MCU</i>
3	675001	725000	0.47223	<i>DCAF6</i>
8	61175001	61225000	0.471965	<i>ZCCHC7</i>
8	61175001	61225000	0.471965	<i>PAX5</i>
22	50850001	50900000	0.471937	<i>LAMB2</i>
22	50850001	50900000	0.471937	<i>KLHDC8B</i>
22	50850001	50900000	0.471937	<i>C22H3orf84</i>
22	50850001	50900000	0.471937	<i>CCDC71</i>
22	50850001	50900000	0.471937	<i>USP19</i>
3	120600001	120650000	0.471894	<i>FARP2</i>
3	120600001	120650000	0.471894	<i>STK25</i>
3	120600001	120650000	0.471894	<i>BOK</i>
22	48150001	48200000	0.471465	<i>PBRM1</i>
22	48150001	48200000	0.471465	<i>GLT8D1</i>
22	48150001	48200000	0.471465	<i>GNL3</i>
22	48150001	48200000	0.471465	<i>SPCS1</i>
22	48150001	48200000	0.471465	<i>NEK4</i>
22	48150001	48200000	0.471465	<i>SNORD19B</i>
22	48150001	48200000	0.471465	<i>SNORD69</i>
22	48150001	48200000	0.471465	<i>SNORD19</i>
22	48150001	48200000	0.471465	<i>SNORD19C</i>
8	8925001	8975000	0.471252	<i>MSRA</i>
7	90375001	90425000	0.471087	<i>ADGRV1</i>
28	3650001	3700000	0.470728	<i>TTC13</i>
16	43925001	43975000	0.469584	<i>SLC25A33</i>
22	48925001	48975000	0.469258	<i>PCBP4</i>
22	48925001	48975000	0.469258	<i>ACY1</i>
22	48925001	48975000	0.469258	<i>ABHD14B</i>
22	48925001	48975000	0.469258	<i>ABHD14A</i>
22	48925001	48975000	0.469258	<i>RPL29</i>
16	2925001	2975000	0.469206	<i>DSTYK</i>
2	26650001	26700000	0.469136	<i>PPIG</i>
2	26650001	26700000	0.469136	<i>FASTKD1</i>
19	27550001	27600000	0.46898	<i>CHD3</i>
19	27550001	27600000	0.46898	<i>CYB5D1</i>
19	27550001	27600000	0.46898	<i>RNF227</i>
3	97975001	98025000	0.468978	<i>SLC5A9</i>
16	2950001	3000000	0.468916	<i>DSTYK</i>
17	6875001	6925000	0.468462	<i>LRBA</i>
13	17425001	17475000	0.468433	<i>IL2RA</i>
19	27850001	27900000	0.468258	<i>CTCI</i>

19	27850001	27900000	0.468258	<i>PFAS</i>
19	38550001	38600000	0.46815	<i>SP2</i>
19	44900001	44950000	0.468125	<i>MAP3K14</i>
1	2275001	2325000	0.468004	<i>IL10RB</i>
1	2275001	2325000	0.468004	<i>IFNAR2</i>
19	46100001	46150000	0.467755	<i>KANSL1</i>
8	8950001	9000000	0.467692	<i>MSRA</i>
22	46125001	46175000	0.467137	<i>CACNA2D3</i>
28	8200001	8250000	0.467114	<i>B3GALNT2</i>
19	46150001	46200000	0.467032	<i>KANSL1</i>
19	50725001	50775000	0.467021	<i>CCDC57</i>
5	112400001	112450000	0.466988	<i>RANGAPI</i>
5	112400001	112450000	0.466988	<i>ZC3H7B</i>
5	112400001	112450000	0.466988	<i>U6</i>
5	58050001	58100000	0.466973	<i>OR6C202</i>
5	58050001	58100000	0.466973	<i>OR6C207</i>
21	65025001	65075000	0.466554	<i>EVL</i>
8	61325001	61375000	0.466371	<i>ZCCHC7</i>
16	41600001	41650000	0.465812	<i>TNFRSF8</i>
4	80575001	80625000	0.465162	<i>SUGCT</i>
16	41575001	41625000	0.465015	<i>TNFRSF8</i>
1	2175001	2225000	0.464915	<i>IFNAR1</i>
22	50250001	50300000	0.464577	<i>RBM6</i>
18	54200001	54250000	0.464537	<i>SAE1</i>
18	54200001	54250000	0.464537	<i>BBC3</i>
16	43900001	43950000	0.46451	<i>SLC25A33</i>
16	43900001	43950000	0.46451	<i>TMEM201</i>
14	23025001	23075000	0.463786	<i>TMEM68</i>
14	23025001	23075000	0.463786	<i>TGS1</i>
5	112525001	112575000	0.46299	<i>TOB2</i>
5	112525001	112575000	0.46299	<i>PHF5A</i>
5	112525001	112575000	0.46299	<i>ACO2</i>
18	14400001	14450000	0.462985	<i>ANKRD11</i>
8	39350001	39400000	0.462896	<i>JAK2</i>
8	39350001	39400000	0.462896	<i>INSL6</i>
16	43575001	43625000	0.462873	<i>NMNAT1</i>
16	43575001	43625000	0.462873	<i>LZIC</i>
21	65050001	65100000	0.462872	<i>EVL</i>
21	65050001	65100000	0.462872	<i>DEGS2</i>
19	23000001	23050000	0.462856	<i>RTN4RL1</i>
3	97925001	97975000	0.462743	<i>SPATA6</i>
3	97925001	97975000	0.462743	<i>SLC5A9</i>
1	22175001	22225000	0.462481	<i>NRIP1</i>
4	57625001	57675000	0.462375	<i>IMMP2L</i>
22	52650001	52700000	0.46228	<i>PRSS42</i>
26	45475001	45525000	0.462231	<i>FANK1</i>
26	45475001	45525000	0.462231	<i>ADAM12</i>
19	50750001	50800000	0.462068	<i>CCDC57</i>
19	50750001	50800000	0.462068	<i>FASN</i>
11	125001	175000	0.461928	<i>ZC3H6</i>
8	89575001	89625000	0.461813	<i>NXNL2</i>
19	27475001	27525000	0.461742	<i>DNAH2</i>

15	35900001	35950000	0.461694	<i>SOX6</i>
18	54175001	54225000	0.46155	<i>SAE1</i>
14	34000001	34050000	0.4615	<i>NCOA2</i>
22	49975001	50025000	0.461448	<i>NPRL2</i>
22	49975001	50025000	0.461448	<i>CACNA2D2</i>
22	49975001	50025000	0.461448	<i>RASSF1</i>
22	49975001	50025000	0.461448	<i>HYAL2</i>
22	49975001	50025000	0.461448	<i>ZMYND10</i>
22	49975001	50025000	0.461448	<i>CYB561D2</i>
14	4475001	4525000	0.461171	<i>FAM135B</i>
22	43575001	43625000	0.461037	<i>ARF4</i>
22	43575001	43625000	0.461037	<i>DENND6A</i>
1	149225001	149275000	0.460976	<i>RIPPLY3</i>
1	149225001	149275000	0.460976	<i>U6</i>
19	51250001	51300000	0.460799	<i>ACTG1</i>
7	90475001	90525000	0.460606	<i>ADGRV1</i>
22	41075001	41125000	0.46035	<i>FHIT</i>
4	69575001	69625000	0.460214	<i>SNX10</i>
19	52750001	52800000	0.460107	<i>CBX2</i>
19	52750001	52800000	0.460107	<i>ENPP7</i>
6	66725001	66775000	0.459998	<i>NIPAL1</i>
6	66725001	66775000	0.459998	<i>TXK</i>
22	50150001	50200000	0.459993	<i>SEMA3F</i>
22	50150001	50200000	0.459993	<i>GNAT1</i>
28	25850001	25900000	0.459912	<i>TSPAN15</i>
8	60000001	60050000	0.459869	<i>TMEM8B</i>
8	60000001	60050000	0.459869	<i>OR13E1</i>
29	48950001	49000000	0.459627	<i>KCNQ1</i>
16	65000001	65050000	0.459475	<i>COLGALT2</i>
3	80750001	80800000	0.459418	<i>CACHD1</i>
18	22025001	22075000	0.459268	<i>FTO</i>
18	22025001	22075000	0.459268	<i>RPGRIP1L</i>
7	90600001	90650000	0.459142	<i>ADGRV1</i>
2	26675001	26725000	0.459123	<i>FASTKD1</i>
2	26675001	26725000	0.459123	<i>PPIG</i>
29	5250001	5300000	0.459099	<i>TRIM64</i>
22	7200001	7250000	0.459078	<i>TRIM71</i>
8	76225001	76275000	0.459068	<i>RASEF</i>
7	11850001	11900000	0.458907	<i>ZSWIM4</i>
7	11850001	11900000	0.458907	<i>YJU2B</i>
7	11850001	11900000	0.458907	<i>MRII</i>
7	11850001	11900000	0.458907	<i>C7H19orf53</i>
18	43350001	43400000	0.458782	<i>CEP89</i>
18	43350001	43400000	0.458782	<i>FAAP24</i>
14	10400001	10450000	0.458767	<i>ASAPI</i>
3	103625001	103675000	0.458639	<i>CCDC30</i>
14	34025001	34075000	0.458473	<i>NCOA2</i>
22	45900001	45950000	0.45813	<i>CACNA2D3</i>
3	36175001	36225000	0.458098	<i>NTNG1</i>
5	103825001	103875000	0.457761	<i>CHD4</i>
5	103825001	103875000	0.457761	<i>IFFO1</i>
5	103825001	103875000	0.457761	<i>NOP2</i>

5	103825001	103875000	0.457761	<i>GAPDH</i>
5	103825001	103875000	0.457761	<i>SCARNA11</i>
22	48550001	48600000	0.457087	<i>GLYCTK</i>
28	26575001	26625000	0.456728	<i>EIF4EBP2</i>
28	26575001	26625000	0.456728	<i>LRRC20</i>
8	11500001	11550000	0.456724	<i>NDUFB6</i>
8	11500001	11550000	0.456724	<i>TOPORS</i>
3	36200001	36250000	0.456512	<i>NTNG1</i>
1	22150001	22200000	0.456294	<i>NRIP1</i>
5	103875001	103925000	0.456277	<i>NCAPD2</i>
5	103875001	103925000	0.456277	<i>VAMPI</i>
5	103875001	103925000	0.456277	<i>MRPL51</i>
5	103875001	103925000	0.456277	<i>TAPBPL</i>
5	103875001	103925000	0.456277	<i>SCARNA10</i>
2	17775001	17825000	0.456036	<i>CCDC141</i>
24	57350001	57400000	0.456005	<i>NEDD4L</i>
3	107025001	107075000	0.455737	<i>RHBDL2</i>
22	48275001	48325000	0.455689	<i>NT5DC2</i>
22	48275001	48325000	0.455689	<i>PBRM1</i>
22	48275001	48325000	0.455689	<i>SMIM4</i>
28	28675001	28725000	0.455483	<i>MCU</i>
24	57300001	57350000	0.455101	<i>NEDD4L</i>
28	25425001	25475000	0.454977	<i>SRGN</i>
4	81025001	81075000	0.454876	<i>CDK13</i>
5	36500001	36550000	0.454791	<i>TMEM117</i>
8	82150001	82200000	0.454761	<i>PTCHI</i>
14	32500001	32550000	0.45472	<i>C14H8orf34</i>
22	30450001	30500000	0.454535	<i>FOXP1</i>
22	48250001	48300000	0.45451	<i>PBRM1</i>
22	48250001	48300000	0.45451	<i>NT5DC2</i>
22	48250001	48300000	0.45451	<i>SMIM4</i>
16	43875001	43925000	0.454132	<i>TMEM201</i>
16	43875001	43925000	0.454132	<i>SLC25A33</i>
16	43875001	43925000	0.454132	<i>U6</i>
8	61725001	61775000	0.454126	<i>FRMPD1</i>
28	28325001	28375000	0.453855	<i>DNAJB12</i>
28	28325001	28375000	0.453855	<i>DDIT4</i>
29	49175001	49225000	0.453824	<i>CD81</i>
29	49175001	49225000	0.453824	<i>TRPM5</i>
29	49175001	49225000	0.453824	<i>TSSC4</i>
22	50825001	50875000	0.453768	<i>IHO1</i>
22	50825001	50875000	0.453768	<i>C22H3orf84</i>
22	50825001	50875000	0.453768	<i>KLHDC8B</i>
22	50825001	50875000	0.453768	<i>CCDC71</i>
16	43825001	43875000	0.453741	<i>PIK3CD</i>
18	54150001	54200000	0.453317	<i>SAE1</i>
19	41200001	41250000	0.453224	<i>KRTAPI-1</i>
19	41200001	41250000	0.453224	<i>KRTAP3-1</i>
8	11575001	11625000	0.452882	<i>DDX58</i>
8	11575001	11625000	0.452882	<i>ACO1</i>
18	50400001	50450000	0.452819	<i>AXL</i>
18	50400001	50450000	0.452819	<i>HNRNPUL1</i>

15	35875001	35925000	0.452517	<i>SOX6</i>
18	15675001	15725000	0.452394	<i>ITFG1</i>
22	46225001	46275000	0.452179	<i>CACNA2D3</i>
5	36475001	36525000	0.452115	<i>TMEM117</i>
29	48925001	48975000	0.451998	<i>KCNQ1</i>
11	3725001	3775000	0.451993	<i>INPP4A</i>
15	51600001	51650000	0.45197	<i>RNF121</i>
15	51600001	51650000	0.45197	<i>NUMA1</i>
15	51600001	51650000	0.45197	<i>IL18BP</i>
16	45425001	45475000	0.451942	<i>TNFRSF9</i>
13	77750001	77800000	0.451914	<i>B4GALT5</i>
15	51575001	51625000	0.451821	<i>RNF121</i>
5	78175001	78225000	0.451816	<i>AMN1</i>
16	43850001	43900000	0.451748	<i>TMEM201</i>
16	43850001	43900000	0.451748	<i>PIK3CD</i>
16	43850001	43900000	0.451748	<i>U6</i>
14	1150001	1200000	0.45172	<i>ZC3H3</i>
22	45200001	45250000	0.451672	<i>ERC2</i>
11	44950001	45000000	0.45156	<i>U6</i>
2	18950001	19000000	0.451543	<i>PDE11A</i>
7	90425001	90475000	0.451518	<i>ADGRV1</i>
4	69900001	69950000	0.451468	<i>MIR148A</i>
20	20250001	20300000	0.451356	<i>PDE4D</i>
4	81000001	81050000	0.451256	<i>CDK13</i>
14	33800001	33850000	0.451236	<i>NCOA2</i>
14	33800001	33850000	0.451236	<i>PRDM14</i>
27	19975001	20025000	0.451149	<i>CNOT7</i>
27	19975001	20025000	0.451149	<i>ZDHHC2</i>
27	19975001	20025000	0.451149	<i>VPS37A</i>
23	16650001	16700000	0.45106	<i>CUL7</i>
23	16650001	16700000	0.45106	<i>KLC4</i>
23	16650001	16700000	0.45106	<i>KLHDC3</i>
23	16650001	16700000	0.45106	<i>RRP36</i>
23	16650001	16700000	0.45106	<i>MEA1</i>
23	16650001	16700000	0.45106	<i>MRPL2</i>
23	16650001	16700000	0.45106	<i>PPP2R5D</i>
19	42500001	42550000	0.451029	<i>CAVIN1</i>
28	325001	375000	0.451007	<i>OR5AS1</i>
10	27450001	27500000	0.450957	<i>OR4L1</i>
10	27450001	27500000	0.450957	<i>OR4L18</i>
10	27450001	27500000	0.450957	<i>OR4N5</i>
16	38725001	38775000	0.450895	<i>FMO2</i>
4	57600001	57650000	0.450802	<i>IMMP2L</i>
14	34100001	34150000	0.450799	<i>NCOA2</i>
14	34100001	34150000	0.450799	<i>U6</i>
14	34100001	34150000	0.450799	<i>U6</i>
8	71525001	71575000	0.450661	<i>ADAM28</i>
19	41225001	41275000	0.450631	<i>KRTAPI-1</i>
2	38875001	38925000	0.450536	<i>CYTIP</i>
2	17425001	17475000	0.450514	<i>ZNF385B</i>
23	18900001	18950000	0.450446	<i>RUNX2</i>
8	61300001	61350000	0.450187	<i>ZCCHC7</i>

3	36025001	36075000	0.450143	<i>NTNG1</i>
3	650001	700000	0.450123	<i>DCAF6</i>
7	53800001	53850000	0.44957	<i>ARHGAP26</i>
29	48750001	48800000	0.44947	<i>KCNQ1</i>
19	51200001	51250000	0.449365	<i>NPLOC4</i>
19	51200001	51250000	0.449365	<i>FAAP100</i>
19	51200001	51250000	0.449365	<i>FSCN2</i>
23	13600001	13650000	0.449293	<i>KIF6</i>
22	49000001	49050000	0.449051	<i>IQCF2</i>
22	49000001	49050000	0.449051	<i>IQCF1</i>
22	49000001	49050000	0.449051	<i>IQCF5</i>
19	46075001	46125000	0.448985	<i>KANSL1</i>
16	51200001	51250000	0.448956	<i>ACAP3</i>
16	51200001	51250000	0.448956	<i>UBE2J2</i>
16	51200001	51250000	0.448956	<i>INTS11</i>
16	51200001	51250000	0.448956	<i>SCNN1D</i>
16	51200001	51250000	0.448956	<i>PUSL1</i>
16	51200001	51250000	0.448956	<i>CPTP</i>
19	26300001	26350000	0.448901	<i>ZFP3</i>
19	26300001	26350000	0.448901	<i>SCIMP</i>
23	15100001	15150000	0.448863	<i>TREM1</i>
23	15100001	15150000	0.448863	<i>TREML2</i>
23	15100001	15150000	0.448863	<i>TREM2</i>
19	31100001	31150000	0.448837	<i>MYOCD</i>
20	20225001	20275000	0.44864	<i>PDE4D</i>
10	30900001	30950000	0.448626	<i>DPH6</i>
19	47425001	47475000	0.448576	<i>TANC2</i>
16	45375001	45425000	0.448445	<i>PARK7</i>
22	45250001	45300000	0.44832	<i>ERC2</i>
16	2975001	3025000	0.448251	<i>TMCC2</i>
16	2975001	3025000	0.448251	<i>DSTYK</i>
19	22975001	23025000	0.448234	<i>RTN4RL1</i>
28	28575001	28625000	0.448106	<i>MICUI</i>
14	10325001	10375000	0.447962	<i>ASAPI</i>
25	34025001	34075000	0.447896	<i>CCL26</i>
25	34025001	34075000	0.447896	<i>CCL24</i>
16	3225001	3275000	0.447885	<i>CDK18</i>
20	14700001	14750000	0.447836	<i>CWC27</i>
20	14700001	14750000	0.447836	<i>SREK1IP1</i>
28	25825001	25875000	0.447813	<i>TSPAN15</i>
4	55850001	55900000	0.447754	<i>IFRD1</i>
4	55850001	55900000	0.447754	<i>LSMEM1</i>
19	52025001	52075000	0.447687	<i>ENDOV</i>
19	52025001	52075000	0.447687	<i>NPTX1</i>
3	120850001	120900000	0.447629	<i>RTP5</i>
16	6475001	6525000	0.447528	<i>KCNT2</i>
19	26350001	26400000	0.447345	<i>KIF1C</i>
19	26350001	26400000	0.447345	<i>ZFP3</i>
4	80625001	80675000	0.44732	<i>SUGCT</i>
1	1875001	1925000	0.447303	<i>ITSN1</i>
1	1875001	1925000	0.447303	<i>CRYZL1</i>
28	15675001	15725000	0.44727	<i>ANK3</i>

20	69275001	69325000	0.447152	<i>IRX1</i>
22	53575001	53625000	0.447038	<i>SACMIL</i>
28	26600001	26650000	0.446972	<i>EIF4EBP2</i>
28	26600001	26650000	0.446972	<i>NODAL</i>
18	2575001	2625000	0.44694	<i>BCAR1</i>
18	2575001	2625000	0.44694	<i>CFDPI</i>
18	11475001	11525000	0.446938	<i>GSE1</i>
28	28275001	28325000	0.44686	<i>ASCCI</i>
28	28275001	28325000	0.44686	<i>ANAPC16</i>
28	28275001	28325000	0.44686	<i>DDIT4</i>
29	49150001	49200000	0.446803	<i>TRPM5</i>
29	49150001	49200000	0.446803	<i>TSSC4</i>
29	49150001	49200000	0.446803	<i>CD81</i>
1	149475001	149525000	0.446368	<i>VPS26C</i>
14	32475001	32525000	0.446343	<i>C14H8orf34</i>
21	41975001	42025000	0.4463	<i>GPR33</i>
19	23175001	23225000	0.446202	<i>SMG6</i>
20	20125001	20175000	0.446162	<i>PDE4D</i>
19	38575001	38625000	0.445944	<i>SCRN2</i>
19	38575001	38625000	0.445944	<i>SP6</i>
22	51175001	51225000	0.445919	<i>IP6K2</i>
22	51175001	51225000	0.445919	<i>NCKIPSD</i>
22	51175001	51225000	0.445919	<i>CELSR3</i>
19	27875001	27925000	0.445544	<i>PFAS</i>
19	27875001	27925000	0.445544	<i>SLC25A35</i>
19	27875001	27925000	0.445544	<i>RANGRF</i>
19	27875001	27925000	0.445544	<i>ARHGEF15</i>
14	9975001	10025000	0.445479	<i>ADCY8</i>
4	76725001	76775000	0.445394	<i>ZMIZ2</i>
4	76725001	76775000	0.445394	<i>OGDH</i>
22	35075001	35125000	0.445277	<i>SLC25A26</i>
19	33500001	33550000	0.445211	<i>SPECCI</i>
19	33500001	33550000	0.445211	<i>ADORA2B</i>
15	64425001	64475000	0.445176	<i>LMO2</i>
3	36000001	36050000	0.44515	<i>NTNG1</i>
4	69550001	69600000	0.444955	<i>SNX10</i>
22	7350001	7400000	0.444893	<i>GLB1</i>
8	89550001	89600000	0.44489	<i>NXNL2</i>
14	23000001	23050000	0.444614	<i>TMEM68</i>
22	31975001	32025000	0.444581	<i>FRMD4B</i>
7	17825001	17875000	0.44447	<i>TNFSF14</i>
18	22000001	22050000	0.444429	<i>RPGRIP1L</i>
18	22000001	22050000	0.444429	<i>FTO</i>
19	52725001	52775000	0.444402	<i>CBX2</i>
19	52725001	52775000	0.444402	<i>CBX8</i>
19	41100001	41150000	0.444361	<i>KRT23</i>
24	57325001	57375000	0.444347	<i>NEDD4L</i>
22	30300001	30350000	0.443991	<i>FOXP1</i>
2	38225001	38275000	0.44399	<i>UPP2</i>
22	48400001	48450000	0.44395	<i>NISCH</i>
22	48400001	48450000	0.44395	<i>SEMA3G</i>
22	48400001	48450000	0.44395	<i>TNNC1</i>

3	98050001	98100000	0.443941	<i>SKINT1</i>
29	48575001	48625000	0.443869	<i>CARSI</i>
29	48575001	48625000	0.443869	<i>NAPIL4</i>
29	48725001	48775000	0.44379	<i>KCNQ1</i>
29	48725001	48775000	0.44379	<i>CDKNIC</i>
14	34875001	34925000	0.443736	<i>EYA1</i>
25	34075001	34125000	0.443644	<i>RHBDD2</i>
21	65000001	65050000	0.443607	<i>EVL</i>
21	65000001	65050000	0.443607	<i>UI</i>
14	31000001	31050000	0.443455	<i>SGK3</i>
10	30425001	30475000	0.443417	<i>AQR</i>
10	30425001	30475000	0.443417	<i>ZNF770</i>
22	49950001	50000000	0.443311	<i>CACNA2D2</i>
22	49950001	50000000	0.443311	<i>NPRL2</i>
22	49950001	50000000	0.443311	<i>CYB561D2</i>
13	36275001	36325000	0.443307	<i>MPP7</i>
28	29225001	29275000	0.443087	<i>FAM149B1</i>
28	29225001	29275000	0.443087	<i>ECD</i>
4	10675001	10725000	0.44303	<i>VPS50</i>
16	2875001	2925000	0.442824	<i>RBBP5</i>
22	51125001	51175000	0.44272	<i>PRKAR2A</i>
22	50700001	50750000	0.442627	<i>RHOA</i>
22	50700001	50750000	0.442627	<i>TCTA</i>
8	86500001	86550000	0.442581	<i>AUH</i>
19	33475001	33525000	0.442375	<i>ADORA2B</i>
19	33475001	33525000	0.442375	<i>ZSWIM7</i>
19	33475001	33525000	0.442375	<i>SPECCI</i>
19	23150001	23200000	0.442153	<i>SMG6</i>
19	38950001	39000000	0.442054	<i>MRPL45</i>
19	38950001	39000000	0.442054	<i>GPR179</i>
6	66750001	66800000	0.44192	<i>TXK</i>
8	82625001	82675000	0.441856	<i>ERCC6L2</i>
14	32450001	32500000	0.441524	<i>C14H8orf34</i>
5	105125001	105175000	0.44152	<i>KCNA5</i>
18	54125001	54175000	0.441519	<i>ZC3H4</i>
18	54125001	54175000	0.441519	<i>SAE1</i>
22	43550001	43600000	0.441458	<i>DENND6A</i>
11	78225001	78275000	0.441191	<i>HS1BP3</i>
8	80175001	80225000	0.441096	<i>SNORA70</i>
13	77775001	77825000	0.441089	<i>B4GALT5</i>
10	30825001	30875000	0.440976	<i>DPH6</i>
10	30825001	30875000	0.440976	<i>U6</i>
19	47625001	47675000	0.440968	<i>TANC2</i>
11	104375001	104425000	0.440936	<i>MYMK</i>
11	104375001	104425000	0.440936	<i>ADAMTSL2</i>
8	61400001	61450000	0.440829	<i>ZCCHC7</i>
22	7300001	7350000	0.440723	<i>GLB1</i>
22	7300001	7350000	0.440723	<i>CCR4</i>
3	15925001	15975000	0.440563	<i>ADAR</i>
19	29725001	29775000	0.440538	<i>PIRT</i>
14	1125001	1175000	0.440536	<i>ZC3H3</i>
14	1125001	1175000	0.440536	<i>GSDMD</i>

14	1125001	1175000	0.440536	<i>MROH6</i>
14	1125001	1175000	0.440536	<i>NAPRT</i>
14	1125001	1175000	0.440536	<i>EEF1D</i>
22	44100001	44150000	0.440435	<i>ARHGEF3</i>
1	2525001	2575000	0.44008	<i>OLIG2</i>
21	64900001	64950000	0.439863	<i>EVL</i>
21	64900001	64950000	0.439863	<i>EML1</i>
6	91275001	91325000	0.439821	<i>CCDC158</i>
6	91275001	91325000	0.439821	<i>SHROOM3</i>
7	14200001	14250000	0.439818	<i>ZNF177</i>
5	53750001	53800000	0.439782	<i>SLC16A7</i>
15	64450001	64500000	0.43914	<i>LMO2</i>
5	110450001	110500000	0.438978	<i>CBX6</i>
15	51550001	51600000	0.438825	<i>RNF121</i>
8	6925001	6975000	0.43863	<i>GLRA3</i>
14	35025001	35075000	0.438561	<i>EYA1</i>
15	40450001	40500000	0.438508	<i>MICAL2</i>
16	6500001	6550000	0.438507	<i>KCNT2</i>
2	124700001	124750000	0.438467	<i>YTHDF2</i>
2	124700001	124750000	0.438467	<i>U6</i>
16	2900001	2950000	0.438372	<i>DSTYK</i>
16	2900001	2950000	0.438372	<i>RBBP5</i>
22	41100001	41150000	0.438334	<i>FHIT</i>
4	10075001	10125000	0.438195	<i>CDK6</i>
8	59950001	60000000	0.438065	<i>NPR2</i>
8	59950001	60000000	0.438065	<i>FAM221B</i>
8	59950001	60000000	0.438065	<i>SPAG8</i>
8	59950001	60000000	0.438065	<i>HINT2</i>
19	46050001	46100000	0.437782	<i>KANSL1</i>
2	17750001	17800000	0.437749	<i>SESTD1</i>
2	17750001	17800000	0.437749	<i>CCDC141</i>
4	55800001	55850000	0.437738	<i>LSMEM1</i>
19	31050001	31100000	0.437616	<i>MYOCD</i>
2	28000001	28050000	0.437564	<i>STK39</i>
16	3325001	3375000	0.437453	<i>MFSD4A</i>
16	3325001	3375000	0.437453	<i>ELK4</i>
14	33600001	33650000	0.437432	<i>SLCO5A1</i>
21	45150001	45200000	0.437344	<i>BAZ1A</i>
22	7075001	7125000	0.437192	<i>CNOT10</i>
19	52400001	52450000	0.437144	<i>CARD14</i>
19	52400001	52450000	0.437144	<i>SLC26A11</i>
19	52400001	52450000	0.437144	<i>SGSH</i>
5	111275001	111325000	0.437018	<i>GRAP2</i>
20	23075001	23125000	0.436971	<i>ANKRD55</i>
2	28025001	28075000	0.436898	<i>STK39</i>
18	21975001	22025000	0.436794	<i>RPGRIPII</i>
16	71925001	71975000	0.436722	<i>RD3</i>
13	17700001	17750000	0.436512	<i>YME1L1</i>
13	17700001	17750000	0.436512	<i>ANKRD26</i>
2	124775001	124825000	0.436464	<i>TAF12</i>
2	124775001	124825000	0.436464	<i>GMEB1</i>
14	34075001	34125000	0.43643	<i>NCOA2</i>

14	34075001	34125000	0.43643	<i>U6</i>
22	51100001	51150000	0.436186	<i>PRKAR2A</i>
8	7050001	7100000	0.436176	<i>GLRA3</i>
3	98075001	98125000	0.435958	<i>SKINT1</i>
3	19625001	19675000	0.435953	<i>VPS72</i>
3	19625001	19675000	0.435953	<i>LYSMD1</i>
3	19625001	19675000	0.435953	<i>TMOD4</i>
3	19625001	19675000	0.435953	<i>TNFAIP8L2</i>
3	19625001	19675000	0.435953	<i>SCNM1</i>
3	19625001	19675000	0.435953	<i>SEMA6C</i>
16	51175001	51225000	0.435734	<i>DVLI</i>
16	51175001	51225000	0.435734	<i>INTS11</i>
16	51175001	51225000	0.435734	<i>ACAP3</i>
16	51175001	51225000	0.435734	<i>CPTP</i>
16	51175001	51225000	0.435734	<i>TASIR3</i>
16	51175001	51225000	0.435734	<i>PUSL1</i>
16	51175001	51225000	0.435734	<i>MXRA8</i>
19	27500001	27550000	0.435711	<i>DNAH2</i>
19	27500001	27550000	0.435711	<i>KDM6B</i>
19	27500001	27550000	0.435711	<i>NAA38</i>
19	27500001	27550000	0.435711	<i>CYB5D1</i>
19	27500001	27550000	0.435711	<i>TMEM88</i>
5	112325001	112375000	0.435595	<i>EP300</i>
5	112325001	112375000	0.435595	<i>L3MBTL2</i>
18	11500001	11550000	0.435593	<i>GSE1</i>
2	47375001	47425000	0.435237	<i>EPC2</i>
8	72675001	72725000	0.435089	<i>DOCK5</i>
3	108875001	108925000	0.435083	<i>GRIK3</i>
8	76675001	76725000	0.43472	<i>FRMD3</i>
22	51150001	51200000	0.434711	<i>IP6K2</i>
22	51150001	51200000	0.434711	<i>PRKAR2A</i>
23	18875001	18925000	0.434674	<i>RUNX2</i>
8	79250001	79300000	0.434574	<i>GOLM1</i>
8	79250001	79300000	0.434574	<i>NAA35</i>
4	39550001	39600000	0.434224	<i>U6</i>
14	34900001	34950000	0.434205	<i>EYA1</i>
2	124800001	124850000	0.43414	<i>TAFI2</i>
2	124800001	124850000	0.43414	<i>RAB42</i>
10	30875001	30925000	0.434096	<i>DPH6</i>
1	149425001	149475000	0.434074	<i>VPS26C</i>
1	149425001	149475000	0.434074	<i>TTC3</i>
5	69550001	69600000	0.433974	<i>NUAK1</i>
4	12350001	12400000	0.43397	<i>PPP1R9A</i>
7	21750001	21800000	0.433629	<i>RAD50</i>
15	40725001	40775000	0.433562	<i>USP47</i>
15	40725001	40775000	0.433562	<i>DKK3</i>
3	83525001	83575000	0.433432	<i>PATJ</i>
18	46475001	46525000	0.433317	<i>PRODH2</i>
18	46475001	46525000	0.433317	<i>ARHGAP33</i>
18	46475001	46525000	0.433317	<i>PROSER3</i>
22	47800001	47850000	0.433303	<i>RFT1</i>
11	78250001	78300000	0.433151	<i>HS1BP3</i>

7	90350001	90400000	0.433114	<i>ADGRV1</i>
19	38700001	38750000	0.433101	<i>TBX21</i>
19	38700001	38750000	0.433101	<i>TBKBPI</i>
11	48475001	48525000	0.432678	<i>REEPI</i>
29	9850001	9900000	0.432477	<i>SYTL2</i>
29	9850001	9900000	0.432477	<i>CREBZF</i>
29	9850001	9900000	0.432477	<i>TMEM126A</i>
29	9850001	9900000	0.432477	<i>CCDC89</i>
22	50325001	50375000	0.432317	<i>MST1R</i>
22	50325001	50375000	0.432317	<i>MON1A</i>
22	50325001	50375000	0.432317	<i>RBM6</i>
16	45475001	45525000	0.432239	<i>UTS2</i>
16	45500001	45550000	0.432133	<i>UTS2</i>
4	10050001	10100000	0.432049	<i>CDK6</i>
21	64925001	64975000	0.431965	<i>EVL</i>
16	43750001	43800000	0.431954	<i>CLSTN1</i>
16	43750001	43800000	0.431954	<i>PIK3CD</i>
8	39425001	39475000	0.431936	<i>JAK2</i>
19	26325001	26375000	0.431873	<i>ZFP3</i>
11	3750001	3800000	0.431853	<i>INPP4A</i>
11	3750001	3800000	0.431853	<i>COA5</i>
28	29300001	29350000	0.431817	<i>CFAP70</i>
8	62100001	62150000	0.431745	<i>SHB</i>
2	38925001	38975000	0.431555	<i>CYTIP</i>
11	3650001	3700000	0.431537	<i>INPP4A</i>
19	27525001	27575000	0.431523	<i>KDM6B</i>
19	27525001	27575000	0.431523	<i>CHD3</i>
19	27525001	27575000	0.431523	<i>CYB5D1</i>
19	27525001	27575000	0.431523	<i>NAA38</i>
19	27525001	27575000	0.431523	<i>TMEM88</i>
18	14375001	14425000	0.43151	<i>ANKRD11</i>
22	48300001	48350000	0.431486	<i>NT5DC2</i>
22	48300001	48350000	0.431486	<i>STAB1</i>
19	46025001	46075000	0.431405	<i>KANSL1</i>
2	18000001	18050000	0.431367	<i>CCDC141</i>
2	18000001	18050000	0.431367	<i>U6</i>
14	36850001	36900000	0.431202	<i>STAU2</i>
8	72525001	72575000	0.431176	<i>DOCK5</i>
28	25925001	25975000	0.431051	<i>FAM241B</i>
8	72700001	72750000	0.430973	<i>DOCK5</i>
8	72700001	72750000	0.430973	<i>KCTD9</i>
8	72700001	72750000	0.430973	<i>GNRH1</i>
22	47850001	47900000	0.430878	<i>SFMBT1</i>
22	47850001	47900000	0.430878	<i>RFT1</i>
8	61750001	61800000	0.430877	<i>FRMPD1</i>
23	13575001	13625000	0.430867	<i>KIF6</i>
3	97900001	97950000	0.430862	<i>SPATA6</i>
8	7075001	7125000	0.430436	<i>GLRA3</i>
22	50725001	50775000	0.430436	<i>RHOA</i>
22	50725001	50775000	0.430436	<i>USP4</i>
22	50725001	50775000	0.430436	<i>GPX1</i>
22	50725001	50775000	0.430436	<i>U6</i>

27	34800001	34850000	0.430287	<i>ADAM3A</i>
22	30325001	30375000	0.430173	<i>FOXPI</i>
5	17800001	17850000	0.430114	<i>C5HI2orf50</i>
5	17800001	17850000	0.430114	<i>CEP290</i>
5	17800001	17850000	0.430114	<i>C5HI2orf29</i>
14	34050001	34100000	0.430113	<i>NCOA2</i>
29	49100001	49150000	0.430031	<i>KCNQ1</i>
20	500001	550000	0.429825	<i>SLIT3</i>
19	51100001	51150000	0.429646	<i>HGS</i>
19	51100001	51150000	0.429646	<i>SLC25A10</i>
19	51100001	51150000	0.429646	<i>MRPL12</i>
19	51100001	51150000	0.429646	<i>ARL16</i>
19	51100001	51150000	0.429646	<i>CCDC137</i>
15	40475001	40525000	0.429611	<i>MICAL2</i>
16	45400001	45450000	0.429567	<i>PARK7</i>
16	45400001	45450000	0.429567	<i>TNFRSF9</i>
3	98450001	98500000	0.429563	<i>TRABD2B</i>
5	78200001	78250000	0.429501	<i>AMN1</i>
13	17200001	17250000	0.429386	<i>PFKFB3</i>
28	44250001	44300000	0.429323	<i>MARCHF8</i>
16	6525001	6575000	0.429232	<i>KCNT2</i>
7	14425001	14475000	0.429173	<i>OLFM2</i>
7	14425001	14475000	0.429173	<i>PIN1</i>
7	14425001	14475000	0.429173	<i>SNORA70</i>
27	19950001	20000000	0.429168	<i>VPS37A</i>
27	19950001	20000000	0.429168	<i>CNOT7</i>
18	22175001	22225000	0.429084	<i>FTO</i>
19	51475001	51525000	0.42879	<i>CEP131</i>
19	51475001	51525000	0.42879	<i>TEPSIN</i>
19	51475001	51525000	0.42879	<i>SLC38A10</i>
19	51475001	51525000	0.42879	<i>NDUFAF8</i>
29	925001	975000	0.428759	<i>VSTM5</i>
11	3775001	3825000	0.428455	<i>COA5</i>
11	3775001	3825000	0.428455	<i>UNC50</i>
8	72200001	72250000	0.428424	<i>NEFL</i>
6	67600001	67650000	0.428318	<i>CWH43</i>
28	15500001	15550000	0.428284	<i>CCDC6</i>
20	53900001	53950000	0.428253	<i>CDH18</i>
23	16225001	16275000	0.428234	<i>UBR2</i>
19	26400001	26450000	0.428081	<i>CAMTA2</i>
19	26400001	26450000	0.428081	<i>KIF1C</i>
19	26400001	26450000	0.428081	<i>ENO3</i>
19	26400001	26450000	0.428081	<i>INCA1</i>
19	26400001	26450000	0.428081	<i>SPAG7</i>
19	26400001	26450000	0.428081	<i>PFN1</i>
28	26300001	26350000	0.427988	<i>MACROH2A2</i>
28	26300001	26350000	0.427988	<i>AIFM2</i>
22	41050001	41100000	0.427913	<i>FHIT</i>
19	27400001	27450000	0.427894	<i>DNAH2</i>
19	27400001	27450000	0.427894	<i>EFNB3</i>
19	27400001	27450000	0.427894	<i>WRAP53</i>
7	90525001	90575000	0.427847	<i>ADGRV1</i>

11	44925001	44975000	0.427812	<i>U6</i>
14	1175001	1225000	0.427669	<i>ZC3H3</i>
19	44875001	44925000	0.427627	<i>FMNL1</i>
19	44875001	44925000	0.427627	<i>MAP3K14</i>
3	106400001	106450000	0.427476	<i>NT5C1A</i>
3	106400001	106450000	0.427476	<i>HEYL</i>
15	40775001	40825000	0.427432	<i>USP47</i>
5	104000001	104050000	0.427426	<i>SCNN1A</i>
5	104000001	104050000	0.427426	<i>TNFRSF1A</i>
5	104000001	104050000	0.427426	<i>PLEKHG6</i>
8	11625001	11675000	0.427254	<i>ACO1</i>
18	11750001	11800000	0.427213	<i>EMC8</i>
18	11750001	11800000	0.427213	<i>COX4II</i>
22	50400001	50450000	0.427187	<i>TRAIIP</i>
22	50400001	50450000	0.427187	<i>UBA7</i>
22	50400001	50450000	0.427187	<i>CDHR4</i>
22	50400001	50450000	0.427187	<i>IP6K1</i>
22	50400001	50450000	0.427187	<i>INKA1</i>
2	38200001	38250000	0.427136	<i>UPP2</i>
2	38200001	38250000	0.427136	<i>CCDC148</i>
28	44225001	44275000	0.426971	<i>MARCHF8</i>
20	31900001	31950000	0.426308	<i>GHR</i>
19	38725001	38775000	0.426156	<i>TBKBPI</i>
19	38725001	38775000	0.426156	<i>TBX21</i>
19	38725001	38775000	0.426156	<i>KPNB1</i>
4	57650001	57700000	0.425875	<i>IMMP2L</i>
22	46775001	46825000	0.425814	<i>CACNA2D3</i>
7	14450001	14500000	0.425616	<i>OLFM2</i>
7	14450001	14500000	0.425616	<i>SNORA70</i>
7	14450001	14500000	0.425616	<i>SNORA70</i>
8	78975001	79025000	0.425344	<i>AGTPBPI</i>
8	61475001	61525000	0.425289	<i>ZCCHC7</i>
24	300001	350000	0.42524	<i>PARD6G</i>
29	49500001	49550000	0.425213	<i>MRPL23</i>
8	82125001	82175000	0.425061	<i>PTCHI</i>
19	51450001	51500000	0.424771	<i>SLC38A10</i>
19	51450001	51500000	0.424771	<i>TEPSIN</i>
19	51450001	51500000	0.424771	<i>NDUFAF8</i>
28	25225001	25275000	0.424573	<i>KIFBP</i>
28	25225001	25275000	0.424573	<i>DDX21</i>
8	61025001	61075000	0.424556	<i>PAX5</i>
14	39950001	40000000	0.424484	<i>ZFHX4</i>
24	57450001	57500000	0.424471	<i>NEDD4L</i>
16	43400001	43450000	0.424469	<i>UBE4B</i>
29	49725001	49775000	0.424447	<i>IFITM10</i>
20	23050001	23100000	0.424404	<i>ANKRD55</i>
22	48100001	48150000	0.424326	<i>NEK4</i>
22	48100001	48150000	0.424326	<i>ITIH1</i>
8	79275001	79325000	0.42415	<i>GOLM1</i>
19	27825001	27875000	0.423786	<i>CTCI</i>
19	27825001	27875000	0.423786	<i>AURKB</i>
19	27825001	27875000	0.423786	<i>BORCS6</i>

5	78150001	78200000	0.423661	<i>AMNI</i>
21	45175001	45225000	0.423635	<i>BAZIA</i>
4	81050001	81100000	0.423472	<i>CDK13</i>
28	33100001	33150000	0.423441	<i>KCNMA1</i>
29	49525001	49575000	0.423429	<i>MRPL23</i>
4	12425001	12475000	0.423428	<i>PPPIR9A</i>
22	51075001	51125000	0.423417	<i>PRKAR2A</i>
22	51075001	51125000	0.423417	<i>SLC25A20</i>
28	17600001	17650000	0.423375	<i>CABCOCOI</i>
22	49075001	49125000	0.422996	<i>GRM2</i>
22	49075001	49125000	0.422996	<i>IQCF6</i>
23	15475001	15525000	0.422908	<i>TFEB</i>
20	41900001	41950000	0.422897	<i>PDZD2</i>
2	26750001	26800000	0.422885	<i>BBS5</i>
2	26750001	26800000	0.422885	<i>KLHL41</i>
8	62125001	62175000	0.422865	<i>SHB</i>
18	51825001	51875000	0.422676	<i>CADM4</i>
18	51825001	51875000	0.422676	<i>PLAUR</i>
18	51825001	51875000	0.422676	<i>ZNF428</i>
18	51825001	51875000	0.422676	<i>SRRM5</i>
14	23250001	23300000	0.422406	<i>RPS20</i>
14	23250001	23300000	0.422406	<i>MOS</i>
14	23250001	23300000	0.422406	<i>UI</i>
7	7775001	7825000	0.422345	<i>AKAP8</i>
16	41450001	41500000	0.422177	<i>VPS13D</i>
16	41450001	41500000	0.422177	<i>TNFRSF1B</i>
8	72650001	72700000	0.422081	<i>DOCK5</i>
22	48525001	48575000	0.421993	<i>DNAH1</i>
8	11650001	11700000	0.421898	<i>ACO1</i>
29	47825001	47875000	0.421819	<i>SHANK2</i>
14	34850001	34900000	0.421729	<i>EYA1</i>
8	76700001	76750000	0.421726	<i>FRMD3</i>
7	7625001	7675000	0.42168	<i>U6</i>
20	23025001	23075000	0.421624	<i>ANKRD55</i>
11	55625001	55675000	0.421541	<i>CTNNA2</i>
23	16750001	16800000	0.421532	<i>PTK7</i>
23	16750001	16800000	0.421532	<i>CUL9</i>
23	16750001	16800000	0.421532	<i>SRF</i>
27	34825001	34875000	0.421519	<i>ADAM18</i>
11	19700001	19750000	0.421422	<i>PRKD3</i>
5	47625001	47675000	0.42141	<i>TMBIM4</i>
5	47625001	47675000	0.42141	<i>LLPH</i>
28	26775001	26825000	0.421391	<i>PRF1</i>
8	7525001	7575000	0.421301	<i>CTSB</i>
2	18925001	18975000	0.42126	<i>PDE11A</i>
21	45475001	45525000	0.421245	<i>PRORP</i>
21	45475001	45525000	0.421245	<i>U6</i>
28	26250001	26300000	0.421216	<i>MACROH2A2</i>
16	41525001	41575000	0.421178	<i>TNFRSF8</i>
16	41525001	41575000	0.421178	<i>TNFRSF1B</i>
5	17775001	17825000	0.4211	<i>C5H12orf50</i>
23	11100001	11150000	0.421097	<i>TMEM217</i>

23	11100001	11150000	0.421097	<i>TBC1D22B</i>
18	50375001	50425000	0.421048	<i>AXL</i>
18	50375001	50425000	0.421048	<i>CYP2S1</i>
8	61150001	61200000	0.420968	<i>PAX5</i>
18	2400001	2450000	0.420791	<i>ZNRFI</i>
26	26000001	26050000	0.420761	<i>SORCS3</i>
8	71500001	71550000	0.420758	<i>ADAM28</i>
14	44200001	44250000	0.420758	<i>PAG1</i>
22	30425001	30475000	0.420755	<i>FOXPI</i>
19	27675001	27725000	0.420689	<i>ALOX15B</i>
19	27675001	27725000	0.420689	<i>ALOX12B</i>
19	27675001	27725000	0.420689	<i>GUCY2D</i>
19	42250001	42300000	0.42068	<i>RAB5C</i>
19	42250001	42300000	0.42068	<i>KCNH4</i>
19	42250001	42300000	0.42068	<i>KAT2A</i>
19	42250001	42300000	0.42068	<i>HSPB9</i>
23	16550001	16600000	0.420598	<i>CNPY3</i>
23	16550001	16600000	0.420598	<i>GNMT</i>
23	16550001	16600000	0.420598	<i>PTCRA</i>
27	34775001	34825000	0.420585	<i>ADAM3A</i>
18	53400001	53450000	0.420468	<i>MYPOP</i>
18	53400001	53450000	0.420468	<i>NOVA2</i>
18	53400001	53450000	0.420468	<i>NANOS2</i>
19	44925001	44975000	0.420385	<i>MAP3K14</i>
16	45350001	45400000	0.420348	<i>ERRFII</i>
4	57575001	57625000	0.420325	<i>IMMP2L</i>
4	12500001	12550000	0.420216	<i>PPP1R9A</i>
4	12500001	12550000	0.420216	<i>PONI</i>
10	30850001	30900000	0.420175	<i>DPH6</i>
7	14550001	14600000	0.420175	<i>COL5A3</i>
7	14550001	14600000	0.420175	<i>RDH8</i>
21	40175001	40225000	0.420012	<i>PRKD1</i>
14	35050001	35100000	0.41997	<i>EYA1</i>
20	14750001	14800000	0.419864	<i>SHISAL2B</i>
20	14750001	14800000	0.419864	<i>SREK1IP1</i>
4	80500001	80550000	0.419833	<i>SUGCT</i>
15	39875001	39925000	0.419768	<i>TEAD1</i>
16	65100001	65150000	0.419692	<i>TSEN15</i>
22	50500001	50550000	0.419623	<i>BSN</i>
22	50500001	50550000	0.419623	<i>APEH</i>
22	50500001	50550000	0.419623	<i>RNF123</i>
22	50500001	50550000	0.419623	<i>MST1</i>
23	15450001	15500000	0.419576	<i>MDFI</i>
23	15450001	15500000	0.419576	<i>TFEB</i>
20	48850001	48900000	0.419538	<i>CDH10</i>
1	149300001	149350000	0.419509	<i>TTC3</i>
1	149300001	149350000	0.419509	<i>PIGP</i>
2	23300001	23350000	0.419501	<i>CDCA7</i>
21	42100001	42150000	0.41943	<i>NUBPL</i>
20	14375001	14425000	0.419417	<i>U4</i>
13	17925001	17975000	0.41933	<i>PDSS1</i>
22	45275001	45325000	0.419243	<i>ERC2</i>

19	52050001	52100000	0.419179	<i>ENDOV</i>
19	52050001	52100000	0.419179	<i>NPTX1</i>
21	64975001	65025000	0.419166	<i>EVL</i>
21	64975001	65025000	0.419166	<i>UI</i>
2	47350001	47400000	0.419086	<i>KIF5C</i>
19	51275001	51325000	0.419022	<i>BAHCC1</i>
23	18850001	18900000	0.418982	<i>RUNX2</i>
18	46400001	46450000	0.418981	<i>KMT2B</i>
18	46400001	46450000	0.418981	<i>UPK1A</i>
18	46400001	46450000	0.418981	<i>ZBTB32</i>
19	23075001	23125000	0.418849	<i>SMG6</i>
19	23075001	23125000	0.418849	<i>HIC1</i>
22	48125001	48175000	0.418845	<i>NEK4</i>
22	48125001	48175000	0.418845	<i>GLT8D1</i>
22	48125001	48175000	0.418845	<i>GNL3</i>
22	48125001	48175000	0.418845	<i>SPCS1</i>
22	48125001	48175000	0.418845	<i>SNORD19B</i>
22	48125001	48175000	0.418845	<i>SNORD69</i>
22	48125001	48175000	0.418845	<i>SNORD19</i>
22	48125001	48175000	0.418845	<i>SNORD19C</i>
13	77850001	77900000	0.418718	<i>SLC9A8</i>
21	2775001	2825000	0.418711	<i>ATPI0A</i>
4	80525001	80575000	0.418671	<i>SUGCT</i>
7	90075001	90125000	0.418631	<i>LYSMD3</i>
7	90075001	90125000	0.418631	<i>POLR3G</i>
19	31250001	31300000	0.418553	<i>ARHGAP44</i>
1	2500001	2550000	0.418526	<i>OLIG2</i>
19	23100001	23150000	0.418317	<i>SMG6</i>
19	23100001	23150000	0.418317	<i>U6</i>
8	82525001	82575000	0.418306	<i>ERCC6L2</i>
20	3100001	3150000	0.418257	<i>RANBP17</i>
19	50825001	50875000	0.418252	<i>RAC3</i>
19	50825001	50875000	0.418252	<i>DCXR</i>
19	50825001	50875000	0.418252	<i>DCXR</i>
19	50825001	50875000	0.418252	<i>RFNG</i>
18	51900001	51950000	0.418244	<i>SMG9</i>
18	51900001	51950000	0.418244	<i>IRGC</i>
23	18925001	18975000	0.418213	<i>RUNX2</i>
5	47850001	47900000	0.41812	<i>HMGA2</i>
28	25300001	25350000	0.418027	<i>KIFBP</i>
5	8975001	9025000	0.417988	<i>SYT1</i>
2	38250001	38300000	0.417973	<i>UPP2</i>
2	18750001	18800000	0.417922	<i>RBM45</i>
2	18750001	18800000	0.417922	<i>CYCT</i>
18	11800001	11850000	0.417886	<i>IRF8</i>
14	900001	950000	0.41788	<i>EPPK1</i>
5	108850001	108900000	0.417855	<i>ADA2</i>
23	16725001	16775000	0.417834	<i>PTK7</i>
8	16250001	16300000	0.41777	<i>LINGO2</i>
2	124675001	124725000	0.417764	<i>YTHDF2</i>
18	11725001	11775000	0.417715	<i>EMC8</i>
18	11725001	11775000	0.417715	<i>COX4II</i>

19	50000001	50050000	0.417692	<i>FO XK2</i>
19	50000001	50050000	0.417692	<i>WDR45B</i>
21	24600001	24650000	0.417692	<i>SH3GL3</i>
23	15050001	15100000	0.417652	<i>TREM2</i>
23	15050001	15100000	0.417652	<i>TREML1</i>
4	10700001	10750000	0.417583	<i>VPS50</i>
1	145950001	146000000	0.417521	<i>MCM3AP</i>
1	145950001	146000000	0.417521	<i>C1H21orf58</i>
1	145950001	146000000	0.417521	<i>YBEY</i>
14	33825001	33875000	0.417429	<i>NCOA2</i>
20	14300001	14350000	0.417406	<i>ADAMTS6</i>
3	120625001	120675000	0.417342	<i>BOK</i>
3	120625001	120675000	0.417342	<i>THAP4</i>
3	107050001	107100000	0.417186	<i>RHBDL2</i>
2	47400001	47450000	0.417142	<i>EPC2</i>
18	14425001	14475000	0.417029	<i>ANKRD11</i>
18	14425001	14475000	0.417029	<i>SPG7</i>
3	108900001	108950000	0.417002	<i>GRIK3</i>
28	29075001	29125000	0.416867	<i>P4HA1</i>
16	3200001	3250000	0.41678	<i>CDK18</i>
16	51225001	51275000	0.416715	<i>UBE2J2</i>
16	51225001	51275000	0.416715	<i>SCNN1D</i>
16	51225001	51275000	0.416715	<i>SDF4</i>
16	51225001	51275000	0.416715	<i>ACAP3</i>
16	51225001	51275000	0.416715	<i>CIQTNF12</i>
16	51225001	51275000	0.416715	<i>B3GALT6</i>
19	41125001	41175000	0.416712	<i>KRT23</i>
19	41125001	41175000	0.416712	<i>KRT39</i>
5	47775001	47825000	0.416619	<i>HMGA2</i>
13	78000001	78050000	0.416539	<i>RNF114</i>
13	78000001	78050000	0.416539	<i>SNAIL</i>
13	78000001	78050000	0.416539	<i>SNORA70</i>
28	26550001	26600000	0.416256	<i>LRRC20</i>
8	39275001	39325000	0.415985	<i>PLGRKT</i>
15	64475001	64525000	0.415944	<i>LMO2</i>
5	111300001	111350000	0.415887	<i>GRAP2</i>
8	78950001	79000000	0.415874	<i>AGTPBP1</i>
19	43550001	43600000	0.415849	<i>MEOX1</i>
28	24850001	24900000	0.415706	<i>SLC25A16</i>
20	475001	525000	0.415698	<i>SLIT3</i>
7	89975001	90025000	0.41566	<i>MBLAC2</i>
14	33625001	33675000	0.415576	<i>SLCO5A1</i>
1	149450001	149500000	0.415547	<i>VPS26C</i>
7	7750001	7800000	0.415457	<i>AKAP8</i>
7	7750001	7800000	0.415457	<i>AKAP8L</i>
29	49200001	49250000	0.415398	<i>CD81</i>
29	9825001	9875000	0.415366	<i>SYTL2</i>
29	9825001	9875000	0.415366	<i>CCDC89</i>
19	12950001	13000000	0.415365	<i>MRF1</i>
15	79325001	79375000	0.415247	<i>OR8K62</i>
15	79325001	79375000	0.415247	<i>OR5AL8</i>
7	7900001	7950000	0.415217	<i>NOTCH3</i>

3	120925001	120975000	0.415185	<i>U6</i>
2	124850001	124900000	0.415084	<i>TRNAUIAP</i>
2	124850001	124900000	0.415084	<i>RCCI</i>
2	124850001	124900000	0.415084	<i>SNORA44</i>
2	124850001	124900000	0.415084	<i>SNORA61</i>
2	124850001	124900000	0.415084	<i>SNORD99</i>
20	14450001	14500000	0.415033	<i>CWC27</i>
8	91300001	91350000	0.415009	<i>GRIN3A</i>
8	91300001	91350000	0.415009	<i>RNF20</i>
19	12925001	12975000	0.414978	<i>DHRS11</i>
19	12925001	12975000	0.414978	<i>MRF1</i>
19	12925001	12975000	0.414978	<i>GGNBP2</i>
4	5225001	5275000	0.414966	<i>GRB10</i>
8	39325001	39375000	0.414924	<i>INSL6</i>
9	15475001	15525000	0.414775	<i>MYO6</i>
18	22050001	22100000	0.414716	<i>FTO</i>
19	28800001	28850000	0.414699	<i>STX8</i>
22	49925001	49975000	0.41469	<i>CACNA2D2</i>
14	33575001	33625000	0.41463	<i>SLCO5A1</i>
20	20275001	20325000	0.414619	<i>PDE4D</i>
28	26750001	26800000	0.414494	<i>PALD1</i>
28	26750001	26800000	0.414494	<i>PRF1</i>
28	15475001	15525000	0.41448	<i>CCDC6</i>
2	18900001	18950000	0.41439	<i>PDE11A</i>
3	19675001	19725000	0.414353	<i>GABPB2</i>
3	19675001	19725000	0.414353	<i>SEMA6C</i>
3	19675001	19725000	0.414353	<i>MLLT11</i>
18	2375001	2425000	0.414251	<i>ZNRFI</i>
5	108875001	108925000	0.41399	<i>ADA2</i>
19	41175001	41225000	0.413924	<i>KRT40</i>
19	41175001	41225000	0.413924	<i>KRTAP3-3</i>
19	41175001	41225000	0.413924	<i>KRTAP3-1</i>
14	44175001	44225000	0.41377	<i>PAG1</i>
27	34850001	34900000	0.413759	<i>ADAM18</i>
25	25700001	25750000	0.41375	<i>XPO6</i>
28	8050001	8100000	0.413533	<i>ARID4B</i>
28	8050001	8100000	0.413533	<i>GGPS1</i>
28	8050001	8100000	0.413533	<i>TBCE</i>
8	61575001	61625000	0.413471	<i>ZBTB5</i>
8	61575001	61625000	0.413471	<i>POLRIE</i>
8	61575001	61625000	0.413471	<i>U6</i>
16	3650001	3700000	0.413347	<i>SLC26A9</i>
22	7100001	7150000	0.413117	<i>CNOT10</i>
19	23025001	23075000	0.413052	<i>RTN4RL1</i>
19	23025001	23075000	0.413052	<i>DPHI</i>
19	23025001	23075000	0.413052	<i>OVCA2</i>
19	23025001	23075000	0.413052	<i>HIC1</i>
19	46000001	46050000	0.41305	<i>KANSL1</i>
19	46000001	46050000	0.41305	<i>MAPT</i>
28	250001	300000	0.412967	<i>OR5L20</i>
28	250001	300000	0.412967	<i>OR5D18K</i>
1	138925001	138975000	0.412901	<i>ATP2C1</i>

29	48500001	48550000	0.412834	<i>OSBPL5</i>
29	48500001	48550000	0.412834	<i>U6</i>
19	50700001	50750000	0.412829	<i>CCDC57</i>
4	69775001	69825000	0.412715	<i>NFE2L3</i>
19	44550001	44600000	0.412681	<i>EFTUD2</i>
19	44550001	44600000	0.412681	<i>GJCI</i>
19	44550001	44600000	0.412681	<i>HIGD1B</i>
22	43600001	43650000	0.412632	<i>ARF4</i>
22	43600001	43650000	0.412632	<i>PDE12</i>
4	12450001	12500000	0.412449	<i>PPP1R9A</i>
11	104400001	104450000	0.412434	<i>ADAMTSL2</i>
11	104400001	104450000	0.412434	<i>MYMK</i>
19	44075001	44125000	0.4124	<i>RUNDC3A</i>
19	44075001	44125000	0.4124	<i>SLC4A1</i>
16	3475001	3525000	0.412376	<i>NUCKS1</i>
16	3475001	3525000	0.412376	<i>RAB29</i>
20	14425001	14475000	0.412363	<i>CWC27</i>
2	8850001	8900000	0.412354	<i>TFPI</i>
2	8850001	8900000	0.412354	<i>CALCRL</i>
4	40600001	40650000	0.412206	<i>GNAT3</i>
14	1075001	1125000	0.412095	<i>EEF1D</i>
14	1075001	1125000	0.412095	<i>PYCR3</i>
14	1075001	1125000	0.412095	<i>GFUS</i>
14	1075001	1125000	0.412095	<i>TIGD5</i>
2	89075001	89125000	0.41204	<i>SGO2</i>
2	89075001	89125000	0.41204	<i>AOX1</i>
7	42850001	42900000	0.411932	<i>OR2AV11</i>
7	42850001	42900000	0.411932	<i>OR2AZ3</i>
22	49150001	49200000	0.411929	<i>RAD54L2</i>
22	49150001	49200000	0.411929	<i>TEX264</i>
18	11075001	11125000	0.411787	<i>ZDHHC7</i>
7	90000001	90050000	0.411737	<i>MBLAC2</i>
7	90000001	90050000	0.411737	<i>POLR3G</i>
7	7600001	7650000	0.411719	<i>U6</i>
11	100675001	100725000	0.411716	<i>HMCN2</i>
5	17750001	17800000	0.411594	<i>C5H12orf50</i>
1	156375001	156425000	0.411573	<i>KCNH8</i>
2	124875001	124925000	0.411568	<i>RCCI</i>
2	124875001	124925000	0.411568	<i>TRNAUIAP</i>
2	124875001	124925000	0.411568	<i>PHACTR4</i>
2	124875001	124925000	0.411568	<i>SNORA73</i>
2	124875001	124925000	0.411568	<i>SNORA73</i>
2	124875001	124925000	0.411568	<i>SNORA73</i>
19	28825001	28875000	0.411544	<i>STX8</i>
19	28825001	28875000	0.411544	<i>CFAP52</i>
4	5375001	5425000	0.411498	<i>DDC</i>
15	39925001	39975000	0.411492	<i>TEAD1</i>
16	3300001	3350000	0.411394	<i>MFSD4A</i>
3	625001	675000	0.411301	<i>DCAF6</i>
16	43625001	43675000	0.411118	<i>CTNNBIP1</i>
3	48275001	48325000	0.411108	<i>TLCD4</i>
22	49225001	49275000	0.410914	<i>RAD54L2</i>

20	53925001	53975000	0.410884	<i>CDH18</i>
18	22600001	22650000	0.410851	<i>IRX3</i>
19	51525001	51575000	0.410676	<i>AATK</i>
29	49225001	49275000	0.410609	<i>TSPAN32</i>
7	30975001	31025000	0.410524	<i>SNX2</i>
7	30975001	31025000	0.410524	<i>SNX24</i>
1	156350001	156400000	0.410462	<i>KCNH8</i>
18	46500001	46550000	0.410224	<i>NPHS1</i>
18	46500001	46550000	0.410224	<i>PRODH2</i>
18	46500001	46550000	0.410224	<i>ARHGAP33</i>
18	46500001	46550000	0.410224	<i>U6</i>
2	26725001	26775000	0.409976	<i>BBS5</i>
2	26725001	26775000	0.409976	<i>KLHL41</i>
2	26725001	26775000	0.409976	<i>FASTKD1</i>
29	950001	1000000	0.409874	<i>VSTM5</i>
3	120450001	120500000	0.409809	<i>HDLBP</i>
3	120450001	120500000	0.409809	<i>SEPTIN2</i>
22	47825001	47875000	0.409635	<i>RFT1</i>
2	47325001	47375000	0.409627	<i>KIF5C</i>
3	58475001	58525000	0.409601	<i>CCN1</i>
19	38975001	39025000	0.40959	<i>GPR179</i>
19	38975001	39025000	0.40959	<i>SOCS7</i>
19	38975001	39025000	0.40959	<i>MRPL45</i>
22	35175001	35225000	0.409464	<i>SLC25A26</i>
5	81850001	81900000	0.409404	<i>PTHLH</i>
2	124725001	124775000	0.409395	<i>GMEB1</i>
2	124725001	124775000	0.409395	<i>YTHDF2</i>
2	124725001	124775000	0.409395	<i>U6</i>
11	19675001	19725000	0.409377	<i>PRKD3</i>
11	19675001	19725000	0.409377	<i>NDUFAF7</i>
11	11500001	11550000	0.409256	<i>EMX1</i>
11	11500001	11550000	0.409256	<i>SPR</i>
3	103575001	103625000	0.40925	<i>CCDC30</i>
14	1200001	1250000	0.409186	<i>ZC3H3</i>
14	1200001	1250000	0.409186	<i>MAFA</i>
14	33975001	34025000	0.409141	<i>NCOA2</i>
5	108825001	108875000	0.409074	<i>ADA2</i>
5	108825001	108875000	0.409074	<i>HDHD5</i>
16	43675001	43725000	0.409053	<i>CTNNBIP1</i>
28	28875001	28925000	0.409015	<i>MCU</i>
28	28875001	28925000	0.409015	<i>OIT3</i>
28	28875001	28925000	0.409015	<i>U6</i>
20	3050001	3100000	0.408992	<i>RANBP17</i>
15	43200001	43250000	0.408976	<i>IPO7</i>
15	43200001	43250000	0.408976	<i>SNORA23</i>
22	33375001	33425000	0.408713	<i>TAFAI</i>
16	6750001	6800000	0.408705	<i>KCNT2</i>
25	25725001	25775000	0.408651	<i>XPO6</i>
20	14275001	14325000	0.408616	<i>ADAMTS6</i>
8	82550001	82600000	0.408538	<i>ERCC6L2</i>
19	23125001	23175000	0.408508	<i>SMG6</i>
19	23125001	23175000	0.408508	<i>U6</i>

8	61525001	61575000	0.408395	<i>GRHPR</i>
8	61525001	61575000	0.408395	<i>ZBTB5</i>
28	26650001	26700000	0.408386	<i>PALD1</i>
8	85875001	85925000	0.408122	<i>ROR2</i>
3	103725001	103775000	0.408058	<i>ZMYND12</i>
4	57675001	57725000	0.408005	<i>IMMP2L</i>
5	112550001	112600000	0.408002	<i>ACO2</i>
5	112550001	112600000	0.408002	<i>PHF5A</i>
5	110425001	110475000	0.407981	<i>NPTXR</i>
5	110425001	110475000	0.407981	<i>CBX6</i>
28	28250001	28300000	0.407856	<i>ASCCI</i>
28	28250001	28300000	0.407856	<i>ANAPC16</i>
6	91250001	91300000	0.407723	<i>CCDC158</i>
6	91250001	91300000	0.407723	<i>U6</i>
5	47600001	47650000	0.407712	<i>IRAK3</i>
5	47600001	47650000	0.407712	<i>TMBIM4</i>
13	77875001	77925000	0.407672	<i>SLC9A8</i>
29	28400001	28450000	0.407639	<i>CCDC15</i>
16	38575001	38625000	0.407596	<i>MROH9</i>
19	56250001	56300000	0.407494	<i>NUP85</i>
19	56250001	56300000	0.407494	<i>SUMO2</i>
16	43650001	43700000	0.407306	<i>CTNNBIP1</i>
8	7775001	7825000	0.407265	<i>BLK</i>
29	28150001	28200000	0.407258	<i>SPA17</i>
29	28150001	28200000	0.407258	<i>SIAE</i>
11	11875001	11925000	0.407208	<i>EXOC6B</i>
28	35450001	35500000	0.40719	<i>CL46</i>
11	103975001	104025000	0.407143	<i>NOTCH1</i>
23	16675001	16725000	0.407114	<i>PTK7</i>
23	16675001	16725000	0.407114	<i>KLC4</i>
23	16675001	16725000	0.407114	<i>CUL7</i>
23	16675001	16725000	0.407114	<i>MRPL2</i>
11	101325001	101375000	0.407067	<i>NUP214</i>
14	30975001	31025000	0.406931	<i>SGK3</i>
14	23225001	23275000	0.406918	<i>LYN</i>
10	32375001	32425000	0.40689	<i>CDIN1</i>
15	39900001	39950000	0.406836	<i>TEAD1</i>
4	85625001	85675000	0.406743	<i>CPED1</i>
14	10350001	10400000	0.406614	<i>ASAPI</i>
19	39175001	39225000	0.406536	<i>SRCIN1</i>
3	98000001	98050000	0.4065	<i>SLC5A9</i>
4	51875001	51925000	0.406214	<i>CAV1</i>
4	51875001	51925000	0.406214	<i>CAV2</i>
22	30625001	30675000	0.406203	<i>FOXP1</i>
16	6725001	6775000	0.406199	<i>KCNT2</i>
22	50800001	50850000	0.406126	<i>IHO1</i>
22	50800001	50850000	0.406126	<i>C22H3orf62</i>
22	50800001	50850000	0.406126	<i>C22H3orf84</i>
22	50800001	50850000	0.406126	<i>USP4</i>
3	106000001	106050000	0.406061	<i>PPT1</i>
3	106000001	106050000	0.406061	<i>CAP1</i>
8	11600001	11650000	0.406042	<i>ACO1</i>

8	11600001	11650000	0.406042	<i>DDX58</i>
19	52475001	52525000	0.405982	<i>CCDC40</i>
19	52475001	52525000	0.405982	<i>GAA</i>
19	52475001	52525000	0.405982	<i>EIF4A3</i>
11	68500001	68550000	0.405948	<i>TIA1</i>
11	68500001	68550000	0.405948	<i>C11H2orf42</i>
2	18875001	18925000	0.405885	<i>PDE11A</i>
1	1650001	1700000	0.405873	<i>ITSN1</i>
1	1650001	1700000	0.405873	<i>ATP5PO</i>
14	1050001	1100000	0.405774	<i>MAPK15</i>
14	1050001	1100000	0.405774	<i>GFUS</i>
14	1050001	1100000	0.405774	<i>CCDC166</i>
14	1050001	1100000	0.405774	<i>ZNF623</i>
11	11800001	11850000	0.40562	<i>EXOC6B</i>
19	44050001	44100000	0.405531	<i>SLC4A1</i>
19	51500001	51550000	0.405475	<i>CEP131</i>
19	51500001	51550000	0.405475	<i>AATK</i>
4	80550001	80600000	0.405397	<i>SUGCT</i>
16	38600001	38650000	0.405383	<i>MROH9</i>
16	38600001	38650000	0.405383	<i>FMO3</i>
7	53825001	53875000	0.405253	<i>ARHGAP26</i>
15	43225001	43275000	0.405209	<i>IPO7</i>
3	103750001	103800000	0.405184	<i>RIMKLA</i>
3	103750001	103800000	0.405184	<i>ZMYND12</i>
15	52700001	52750000	0.405177	<i>P2RY2</i>
22	33850001	33900000	0.405156	<i>SUCLG2</i>
15	62825001	62875000	0.405051	<i>RCN1</i>
28	25450001	25500000	0.404966	<i>SRGN</i>
3	103975001	104025000	0.404933	<i>FOXJ3</i>
3	103975001	104025000	0.404933	<i>GUCA2B</i>
3	103975001	104025000	0.404933	<i>GUCA2A</i>
4	81075001	81125000	0.404896	<i>CDK13</i>
12	19475001	19525000	0.404889	<i>MIR15A</i>
4	40625001	40675000	0.404626	<i>GNAT3</i>
29	48475001	48525000	0.40462	<i>OSBPL5</i>
8	94550001	94600000	0.404588	<i>NIPSNAP3A</i>
14	875001	925000	0.404518	<i>PLEC</i>
3	98025001	98075000	0.404515	<i>SKINT1</i>
11	48500001	48550000	0.404498	<i>REEPI</i>
8	72725001	72775000	0.404477	<i>KCTD9</i>
8	72725001	72775000	0.404477	<i>GNRHI</i>
28	4325001	4375000	0.404426	<i>TSNAX</i>
28	28050001	28100000	0.404201	<i>CHST3</i>
7	7700001	7750000	0.404123	<i>WIZ</i>
7	7700001	7750000	0.404123	<i>AKAP8L</i>
7	7700001	7750000	0.404123	<i>RASAL3</i>
6	57950001	58000000	0.403929	<i>KLF3</i>
23	11125001	11175000	0.40391	<i>TBC1D22B</i>
23	11125001	11175000	0.40391	<i>TMEM217</i>
8	7450001	7500000	0.403899	<i>DEFB134</i>
8	86950001	87000000	0.403893	<i>SYK</i>
11	68525001	68575000	0.40373	<i>TIA1</i>

14	9950001	10000000	0.403624	<i>ADCY8</i>
5	111575001	111625000	0.403594	<i>TNRC6B</i>
2	17800001	17850000	0.403458	<i>CCDC141</i>
22	42875001	42925000	0.403363	<i>KCTD6</i>
22	42875001	42925000	0.403363	<i>PDHB</i>
22	42875001	42925000	0.403363	<i>PXK</i>
22	48325001	48375000	0.40328	<i>STAB1</i>
22	48325001	48375000	0.40328	<i>NT5DC2</i>
22	48325001	48375000	0.40328	<i>NISCH</i>
14	81900001	81950000	0.403278	<i>SNTB1</i>
19	28650001	28700000	0.403211	<i>STX8</i>
28	28150001	28200000	0.403165	<i>ASCC1</i>
28	28150001	28200000	0.403165	<i>SPOCK2</i>
7	21725001	21775000	0.40308	<i>RAD50</i>
3	89575001	89625000	0.403046	<i>PLPP3</i>
22	47775001	47825000	0.403003	<i>RFT1</i>
22	47775001	47825000	0.403003	<i>PRKCD</i>
8	39250001	39300000	0.402971	<i>PLGRKT</i>
8	39250001	39300000	0.402971	<i>CD274</i>
19	47150001	47200000	0.402962	<i>MARCHF10</i>
2	18775001	18825000	0.402933	<i>CYCT</i>
2	18775001	18825000	0.402933	<i>RBM45</i>
14	1100001	1150000	0.402899	<i>EEF1D</i>
14	1100001	1150000	0.402899	<i>PYCR3</i>
14	1100001	1150000	0.402899	<i>GSDMD</i>
14	1100001	1150000	0.402899	<i>MROH6</i>
14	1100001	1150000	0.402899	<i>NAPRT</i>
14	1100001	1150000	0.402899	<i>TIGD5</i>
3	103900001	103950000	0.402836	<i>FOXJ3</i>
18	11825001	11875000	0.402828	<i>IRF8</i>
19	38850001	38900000	0.402807	<i>NPEPPS</i>
19	38850001	38900000	0.402807	<i>U6</i>
2	124750001	124800000	0.402743	<i>GMEB1</i>
29	5225001	5275000	0.402734	<i>TRIM64</i>
14	81875001	81925000	0.402649	<i>SNTB1</i>
3	35675001	35725000	0.402518	<i>VAV3</i>
16	6775001	6825000	0.402428	<i>KCNT2</i>
28	26625001	26675000	0.402333	<i>NODAL</i>
28	26625001	26675000	0.402333	<i>EIF4EBP2</i>
10	32400001	32450000	0.402322	<i>CDIN1</i>
28	15525001	15575000	0.402322	<i>CCDC6</i>
14	1225001	1275000	0.402301	<i>RHPN1</i>
14	1225001	1275000	0.402301	<i>MAFA</i>
7	12275001	12325000	0.402272	<i>CACNA1A</i>
18	52775001	52825000	0.402235	<i>PPP1R37</i>
18	52775001	52825000	0.402235	<i>NKPD1</i>
18	52775001	52825000	0.402235	<i>TRAPPC6A</i>
7	10475001	10525000	0.402228	<i>OR7A96</i>
7	10475001	10525000	0.402228	<i>OR7A91</i>
16	45650001	45700000	0.402169	<i>CAMTA1</i>
22	60325001	60375000	0.402118	<i>CHCHD6</i>
7	14225001	14275000	0.402067	<i>ZNF177</i>

3	119150001	119200000	0.402023	<i>OR9S35P</i>
3	119150001	119200000	0.402023	<i>OR9S43</i>
3	119150001	119200000	0.402023	<i>OR9S43B</i>
19	27575001	27625000	0.401904	<i>CHD3</i>
19	27575001	27625000	0.401904	<i>CNTROB</i>
19	27575001	27625000	0.401904	<i>KCNAB3</i>
19	27575001	27625000	0.401904	<i>RNF227</i>
19	27575001	27625000	0.401904	<i>TRAPPC1</i>
21	64950001	65000000	0.401847	<i>EVL</i>
3	120675001	120725000	0.401782	<i>THAP4</i>
3	120675001	120725000	0.401782	<i>ATG4B</i>
5	8950001	9000000	0.401773	<i>SYT1</i>
20	3125001	3175000	0.401738	<i>RANBP17</i>
20	3125001	3175000	0.401738	<i>TLX3</i>
8	70825001	70875000	0.401672	<i>NKX2-6</i>
8	85750001	85800000	0.401645	<i>SPTLC1</i>
29	49125001	49175000	0.401633	<i>KCNQ1</i>
29	49125001	49175000	0.401633	<i>TRPM5</i>
11	44975001	45025000	0.401551	<i>SLC5A7</i>
7	90550001	90600000	0.40153	<i>ADGRV1</i>
1	1725001	1775000	0.401457	<i>ITSN1</i>
26	34125001	34175000	0.401404	<i>CASP7</i>
26	34125001	34175000	0.401404	<i>NRAP</i>
18	2700001	2750000	0.401398	<i>CFDPI</i>
18	2700001	2750000	0.401398	<i>CFDP2</i>
22	34100001	34150000	0.401242	<i>SUCLG2</i>
22	52550001	52600000	0.401231	<i>CCDC12</i>
22	52550001	52600000	0.401231	<i>PTHIR</i>
4	40000001	40050000	0.401175	<i>SEMA3C</i>
11	14175001	14225000	0.401152	<i>XDH</i>
3	120525001	120575000	0.401113	<i>FARP2</i>
22	30275001	30325000	0.400958	<i>FOXP1</i>
2	18375001	18425000	0.400867	<i>PLEKHA3</i>
2	18375001	18425000	0.400867	<i>FKBP7</i>
3	725001	775000	0.400826	<i>DCAF6</i>
3	725001	775000	0.400826	<i>MPC2</i>
22	49250001	49300000	0.400624	<i>RAD54L2</i>
22	49250001	49300000	0.400624	<i>DCAFI</i>
4	39525001	39575000	0.400608	<i>U6</i>
1	56275001	56325000	0.400579	<i>CD96</i>
28	44375001	44425000	0.400568	<i>ALOX5</i>
18	2550001	2600000	0.400534	<i>BCAR1</i>
18	2550001	2600000	0.400534	<i>CTRB1</i>
23	13300001	13350000	0.40052	<i>KIF6</i>
26	22100001	22150000	0.400511	<i>BTRC</i>
18	49200001	49250000	0.40046	<i>EID2</i>
14	44225001	44275000	0.400408	<i>PAG1</i>
28	27750001	27800000	0.400383	<i>CDH23</i>
11	11550001	11600000	0.400277	<i>SPR</i>
14	36650001	36700000	0.400244	<i>RDH10</i>
15	64400001	64450000	0.40015	<i>FBXO3</i>
2	124650001	124700000	0.400065	<i>OPRD1</i>

23	47975001	48025000	0.40003	<i>SSR1</i>
7	11875001	11925000	0.399966	<i>YJU2B</i>
7	11875001	11925000	0.399966	<i>MR11</i>
7	11875001	11925000	0.399966	<i>C7H19orf53</i>
8	10975001	11025000	0.399929	<i>ESCO2</i>
8	10975001	11025000	0.399929	<i>PBK</i>
8	10975001	11025000	0.399929	<i>CCDC25</i>
22	33400001	33450000	0.399772	<i>TAF11</i>
13	70850001	70900000	0.399729	<i>PTPRT</i>
5	67450001	67500000	0.399683	<i>NT5DC3</i>
29	12775001	12825000	0.399675	<i>PRCP</i>
1	1625001	1675000	0.399648	<i>ITSN1</i>
1	1625001	1675000	0.399648	<i>ATP5PO</i>
18	34150001	34200000	0.399537	<i>CDH5</i>
18	34150001	34200000	0.399537	<i>BEAN1</i>
18	11175001	11225000	0.399509	<i>CIBAR2</i>
18	11175001	11225000	0.399509	<i>KIAA0513</i>
5	111650001	111700000	0.399454	<i>ADSL</i>
5	111650001	111700000	0.399454	<i>TNRC6B</i>
3	57150001	57200000	0.399421	<i>SELENOF</i>
17	6900001	6950000	0.399378	<i>LRBA</i>
19	38525001	38575000	0.399359	<i>SP2</i>
19	38525001	38575000	0.399359	<i>PNPO</i>
10	30925001	30975000	0.39933	<i>DPH6</i>
18	22575001	22625000	0.399248	<i>IRX3</i>
7	12850001	12900000	0.399236	<i>MAN2B1</i>
7	12850001	12900000	0.399236	<i>ZNF791</i>
3	78350001	78400000	0.399181	<i>MIER1</i>
3	120250001	120300000	0.39915	<i>SNED1</i>
2	124825001	124875000	0.399081	<i>TRNAUIAP</i>
2	124825001	124875000	0.399081	<i>TAF12</i>
2	124825001	124875000	0.399081	<i>RAB42</i>
2	124825001	124875000	0.399081	<i>SNORA44</i>
2	124825001	124875000	0.399081	<i>SNORA61</i>
2	124825001	124875000	0.399081	<i>SNORD99</i>
8	79300001	79350000	0.399065	<i>GOLM1</i>
13	77900001	77950000	0.399057	<i>SLC9A8</i>
16	43425001	43475000	0.399033	<i>UBE4B</i>
23	11150001	11200000	0.39895	<i>TBC1D22B</i>
5	104425001	104475000	0.398937	<i>ANO2</i>
1	138950001	139000000	0.398827	<i>ATP2C1</i>
7	21875001	21925000	0.398755	<i>IL5</i>
3	108800001	108850000	0.398619	<i>GRIK3</i>
11	12350001	12400000	0.398576	<i>CYP26B1</i>
22	48575001	48625000	0.398526	<i>GLYCTK</i>
8	65000001	65050000	0.398463	<i>STX17</i>
8	65000001	65050000	0.398463	<i>ERP44</i>
29	49550001	49600000	0.39841	<i>TNNT3</i>
29	49550001	49600000	0.39841	<i>PRR33</i>
29	49550001	49600000	0.39841	<i>LSPI</i>
7	14475001	14525000	0.398344	<i>OLFM2</i>
7	14475001	14525000	0.398344	<i>SNORA70</i>

14	44150001	44200000	0.398326	<i>PAG1</i>
14	36825001	36875000	0.3983	<i>STAU2</i>
21	45450001	45500000	0.398048	<i>PRORP</i>
21	45450001	45500000	0.398048	<i>U6</i>
11	12325001	12375000	0.397928	<i>EXOC6B</i>
19	50550001	50600000	0.397917	<i>CSNK1D</i>
7	19250001	19300000	0.397884	<i>ARRDC5</i>
7	19250001	19300000	0.397884	<i>PLIN3</i>
7	19250001	19300000	0.397884	<i>UHRF1</i>
11	11525001	11575000	0.39787	<i>SPR</i>
19	11325001	11375000	0.397835	<i>BRIP1</i>
4	12475001	12525000	0.397823	<i>PPP1R9A</i>
23	15650001	15700000	0.397823	<i>MED20</i>
23	15650001	15700000	0.397823	<i>USP49</i>
23	15650001	15700000	0.397823	<i>BYSL</i>
23	15650001	15700000	0.397823	<i>CCND3</i>
27	33275001	33325000	0.397643	<i>ASH2L</i>
27	33275001	33325000	0.397643	<i>STAR</i>
19	9400001	9450000	0.397628	<i>HSF5</i>
19	9400001	9450000	0.397628	<i>MTMR4</i>
2	17675001	17725000	0.397622	<i>SESTD1</i>
2	17700001	17750000	0.397584	<i>SESTD1</i>
19	27650001	27700000	0.397582	<i>GUCY2D</i>
19	27650001	27700000	0.397582	<i>ALOX15B</i>
10	65300001	65350000	0.397475	<i>DUOX2</i>
10	65300001	65350000	0.397475	<i>SORD</i>
10	65300001	65350000	0.397475	<i>DUOXA1</i>
10	65300001	65350000	0.397475	<i>DUOXA2</i>
12	15075001	15125000	0.39742	<i>NUFIPI</i>
4	44775001	44825000	0.397414	<i>RELN</i>
18	24875001	24925000	0.397314	<i>NUP93</i>
18	24875001	24925000	0.397314	<i>SLC12A3</i>
18	24875001	24925000	0.397314	<i>MIR138-2</i>
22	49350001	49400000	0.397174	<i>DCAF1</i>
22	49350001	49400000	0.397174	<i>DOCK3</i>
22	49350001	49400000	0.397174	<i>MANF</i>
22	49350001	49400000	0.397174	<i>RBM15B</i>
19	51075001	51125000	0.397169	<i>SLC25A10</i>
19	51075001	51125000	0.397169	<i>MRPL12</i>
19	51075001	51125000	0.397169	<i>HGS</i>
4	76750001	76800000	0.396907	<i>OGDH</i>
29	47850001	47900000	0.39685	<i>SHANK2</i>
16	43725001	43775000	0.396844	<i>CLSTN1</i>
3	119175001	119225000	0.396836	<i>OR9S35P</i>
11	98600001	98650000	0.396812	<i>FAM102A</i>
11	98600001	98650000	0.396812	<i>DPM2</i>
14	1350001	1400000	0.396732	<i>LY6H</i>
14	1350001	1400000	0.396732	<i>GPIHBP1</i>
3	97875001	97925000	0.396729	<i>SPATA6</i>
15	39975001	40025000	0.396503	<i>TEAD1</i>
28	27700001	27750000	0.396471	<i>CDH23</i>
11	7425001	7475000	0.396452	<i>TMEM182</i>

11	7425001	7475000	0.396452	<i>MFSD9</i>
8	29025001	29075000	0.396428	<i>TTC39B</i>
19	47850001	47900000	0.396425	<i>DCAF7</i>
19	47850001	47900000	0.396425	<i>KCNH6</i>
1	152800001	152850000	0.396377	<i>ANKRD28</i>
10	65275001	65325000	0.396374	<i>DUOX1</i>
10	65275001	65325000	0.396374	<i>DUOX2</i>
10	65275001	65325000	0.396374	<i>DUOXA1</i>
10	65275001	65325000	0.396374	<i>DUOXA2</i>
26	4775001	4825000	0.396319	<i>PCDH15</i>
3	31550001	31600000	0.396198	<i>INKA2</i>
3	31550001	31600000	0.396198	<i>RAP1A</i>
3	31550001	31600000	0.396198	<i>DDX20</i>
7	14400001	14450000	0.396094	<i>PIN1</i>
7	14400001	14450000	0.396094	<i>FBXL12</i>
7	14400001	14450000	0.396094	<i>OLFM2</i>
7	14400001	14450000	0.396094	<i>UBL5</i>
20	5575001	5625000	0.395961	<i>CPEB4</i>
13	17375001	17425000	0.395892	<i>RBM17</i>
1	2350001	2400000	0.395794	<i>IFNAR2</i>
19	26250001	26300000	0.395753	<i>SCIMP</i>
10	75425001	75475000	0.395748	<i>RHOJ</i>
14	33775001	33825000	0.395738	<i>PRDM14</i>
19	50775001	50825000	0.395713	<i>FASN</i>
19	50775001	50825000	0.395713	<i>GPS1</i>
19	50775001	50825000	0.395713	<i>DUS1L</i>
19	50775001	50825000	0.395713	<i>RFNG</i>
19	27750001	27800000	0.395664	<i>ALOXE3</i>
19	27750001	27800000	0.395664	<i>PER1</i>
19	27750001	27800000	0.395664	<i>VAMP2</i>
19	27750001	27800000	0.395664	<i>HES7</i>
19	27750001	27800000	0.395664	<i>U6</i>
22	45925001	45975000	0.395531	<i>CACNA2D3</i>
26	25950001	26000000	0.395493	<i>SORCS3</i>
20	30025001	30075000	0.395488	<i>MRPS30</i>
12	31275001	31325000	0.395395	<i>MTUS2</i>
2	19000001	19050000	0.395194	<i>PDE11A</i>
19	38825001	38875000	0.395069	<i>NPEPPS</i>
19	38825001	38875000	0.395069	<i>U6</i>
1	70625001	70675000	0.394995	<i>TFRC</i>
1	70625001	70675000	0.394995	<i>TNK2</i>
3	106050001	106100000	0.394987	<i>CAPI</i>
29	50375001	50425000	0.394977	<i>AP2A2</i>
20	3025001	3075000	0.394934	<i>RANBP17</i>
2	27225001	27275000	0.394876	<i>SPC25</i>
2	27225001	27275000	0.394876	<i>G6PC2</i>
2	27225001	27275000	0.394876	<i>NOSTRIN</i>
2	27225001	27275000	0.394876	<i>U6</i>
3	106025001	106075000	0.394863	<i>CAPI</i>
3	106025001	106075000	0.394863	<i>PPT1</i>
19	28925001	28975000	0.394852	<i>USP43</i>
19	28925001	28975000	0.394852	<i>DHRS7C</i>

22	46250001	46300000	0.394837	<i>CACNA2D3</i>
14	38800001	38850000	0.39477	<i>HNPF4G</i>
8	72550001	72600000	0.39476	<i>DOCK5</i>
14	31025001	31075000	0.394695	<i>SGK3</i>
14	31025001	31075000	0.394695	<i>MCMDC2</i>
2	23325001	23375000	0.394671	<i>CDCA7</i>
22	34025001	34075000	0.394668	<i>SUCLG2</i>
16	32400001	32450000	0.39465	<i>HNRNPU</i>
16	32400001	32450000	0.39465	<i>COX20</i>
8	65025001	65075000	0.394631	<i>ERP44</i>
7	11275001	11325000	0.394615	<i>PKN1</i>
7	11275001	11325000	0.394615	<i>GIPC1</i>
7	11275001	11325000	0.394615	<i>PTGER1</i>
22	32475001	32525000	0.394597	<i>TMF1</i>
22	32475001	32525000	0.394597	<i>UBA3</i>
2	125075001	125125000	0.394422	<i>SESN2</i>
19	19150001	19200000	0.394352	<i>KSR1</i>
1	1750001	1800000	0.394339	<i>ITSN1</i>
3	119125001	119175000	0.394322	<i>OR9S43</i>
3	119125001	119175000	0.394322	<i>OR9S43B</i>
20	69325001	69375000	0.394292	<i>IRX1</i>
28	28950001	29000000	0.394121	<i>PLA2G12B</i>
11	11625001	11675000	0.394108	<i>EXOC6B</i>
29	12750001	12800000	0.394058	<i>PRCP</i>
8	80100001	80150000	0.394048	<i>GAS1</i>
4	80700001	80750000	0.394031	<i>SUGCT</i>
7	90575001	90625000	0.394003	<i>ADGRV1</i>
8	83400001	83450000	0.39395	<i>ZNF782</i>
13	22775001	22825000	0.393864	<i>MLLT10</i>
18	10825001	10875000	0.393861	<i>KLHL36</i>
18	10825001	10875000	0.393861	<i>USP10</i>
3	450001	500000	0.39386	<i>TIPRL</i>
22	53550001	53600000	0.393826	<i>SACMIL</i>
22	53550001	53600000	0.393826	<i>SLC6A20</i>
7	90450001	90500000	0.393709	<i>ADGRV1</i>
21	28100001	28150000	0.393707	<i>FAM189A1</i>
22	43075001	43125000	0.393642	<i>DNASE1L3</i>
22	43075001	43125000	0.393642	<i>ABHD6</i>
14	39800001	39850000	0.393589	<i>ZFHX4</i>
6	104275001	104325000	0.393582	<i>MSX1</i>
1	70650001	70700000	0.393503	<i>TFRC</i>
21	40150001	40200000	0.393497	<i>PRKD1</i>
7	11825001	11875000	0.393354	<i>ZSWIM4</i>
7	11825001	11875000	0.393354	<i>C7H19orf53</i>
19	42275001	42325000	0.393338	<i>KCNH4</i>
19	42275001	42325000	0.393338	<i>STAT5B</i>
19	42275001	42325000	0.393338	<i>RAB5C</i>
19	42275001	42325000	0.393338	<i>GHDC</i>
19	42275001	42325000	0.393338	<i>HCRT</i>
21	67650001	67700000	0.393306	<i>CDC42BPB</i>
29	28125001	28175000	0.393211	<i>SIAE</i>
29	28125001	28175000	0.393211	<i>SPA17</i>

8	72600001	72650000	0.393178	<i>DOCK5</i>
22	43025001	43075000	0.393167	<i>ABHD6</i>
22	43025001	43075000	0.393167	<i>U6</i>
14	32425001	32475000	0.39304	<i>C14H8orf34</i>
28	15650001	15700000	0.393004	<i>ANK3</i>
3	48250001	48300000	0.393	<i>TLCD4</i>
3	48250001	48300000	0.393	<i>RWDD3</i>
21	45200001	45250000	0.392905	<i>BAZIA</i>
4	67950001	68000000	0.39282	<i>JAZF1</i>
22	44175001	44225000	0.392754	<i>ARHGEF3</i>
20	14775001	14825000	0.39274	<i>SHISAL2B</i>
20	31775001	31825000	0.392724	<i>CCDC152</i>
16	41975001	42025000	0.39269	<i>DRAXIN</i>
16	41975001	42025000	0.39269	<i>FBXO6</i>
16	41975001	42025000	0.39269	<i>MAD2L2</i>
16	41975001	42025000	0.39269	<i>FBXO44</i>
19	28950001	29000000	0.392688	<i>GLP2R</i>
19	28950001	29000000	0.392688	<i>DHRS7C</i>
16	71950001	72000000	0.392659	<i>TRAF5</i>
16	71950001	72000000	0.392659	<i>RD3</i>
11	11475001	11525000	0.392629	<i>SFXN5</i>
11	11475001	11525000	0.392629	<i>EMX1</i>
7	14525001	14575000	0.392609	<i>COL5A3</i>
19	39050001	39100000	0.392605	<i>ARHGAP23</i>
3	120275001	120325000	0.392571	<i>SNED1</i>
28	27725001	27775000	0.392514	<i>CDH23</i>
22	33825001	33875000	0.392506	<i>SUCLG2</i>
28	15700001	15750000	0.392499	<i>ANK3</i>
3	103275001	103325000	0.392366	<i>SLC2A1</i>
23	16625001	16675000	0.392221	<i>PPP2R5D</i>
23	16625001	16675000	0.392221	<i>CUL7</i>
23	16625001	16675000	0.392221	<i>KLHDC3</i>
23	16625001	16675000	0.392221	<i>RRP36</i>
23	16625001	16675000	0.392221	<i>MEA1</i>
23	16625001	16675000	0.392221	<i>PEX6</i>
29	28375001	28425000	0.392189	<i>HEPACAM</i>
29	28375001	28425000	0.392189	<i>CCDC15</i>
19	29000001	29050000	0.392177	<i>GLP2R</i>
19	29000001	29050000	0.392177	<i>RCVRN</i>
19	29000001	29050000	0.392177	<i>GAS7</i>
14	36625001	36675000	0.392159	<i>RDH10</i>
14	36625001	36675000	0.392159	<i>RPL7</i>
8	39300001	39350000	0.392154	<i>PLGRKT</i>
19	25375001	25425000	0.392086	<i>PITPNM3</i>
19	25375001	25425000	0.392086	<i>PIMREG</i>
19	25375001	25425000	0.392086	<i>AIPL1</i>
22	32500001	32550000	0.392035	<i>TMF1</i>
22	32500001	32550000	0.392035	<i>EOGT</i>
3	56925001	56975000	0.392021	<i>HS2ST1</i>
20	31875001	31925000	0.392008	<i>GHR</i>
2	89100001	89150000	0.392007	<i>AOX1</i>
7	21800001	21850000	0.392	<i>RAD50</i>

22	60350001	60400000	0.391987	<i>CHCHD6</i>
22	7250001	7300000	0.391983	<i>TRIM71</i>
4	69650001	69700000	0.391969	<i>SNX10</i>
11	101300001	101350000	0.391963	<i>NUP214</i>
11	101300001	101350000	0.391963	<i>AIF1L</i>
28	26150001	26200000	0.391865	<i>COL13A1</i>
29	24500001	24550000	0.391835	<i>PRMT3</i>
16	50775001	50825000	0.39172	<i>CFAP74</i>
24	2600001	2650000	0.39169	<i>ZNF516</i>
28	28600001	28650000	0.391677	<i>MICU1</i>
4	51900001	51950000	0.391548	<i>CAV2</i>
4	51900001	51950000	0.391548	<i>CAV1</i>
15	16825001	16875000	0.39152	<i>GUCY1A2</i>
11	103950001	104000000	0.391471	<i>NOTCH1</i>
4	12400001	12450000	0.391384	<i>PPP1R9A</i>
2	44325001	44375000	0.391351	<i>CACNB4</i>
2	44325001	44375000	0.391351	<i>ARL5A</i>
8	70675001	70725000	0.391209	<i>SLC25A37</i>
11	100700001	100750000	0.391201	<i>HMCN2</i>
18	24850001	24900000	0.391198	<i>NUP93</i>
24	2350001	2400000	0.391098	<i>ZNF236</i>
11	83175001	83225000	0.391097	<i>NBAS</i>
20	20425001	20475000	0.391055	<i>RAB3C</i>
15	62850001	62900000	0.391043	<i>RCN1</i>
8	61450001	61500000	0.391042	<i>ZCCHC7</i>
3	120475001	120525000	0.391029	<i>SEPTIN2</i>
3	120475001	120525000	0.391029	<i>FARP2</i>
3	120475001	120525000	0.391029	<i>HDLBP</i>
19	50025001	50075000	0.390995	<i>FOXK2</i>
16	38625001	38675000	0.390916	<i>FMO3</i>
20	14350001	14400000	0.39082	<i>U4</i>
19	43975001	44025000	0.390798	<i>HROB</i>
19	43975001	44025000	0.390798	<i>ASB16</i>
19	43975001	44025000	0.390798	<i>ATXN7L3</i>
19	43975001	44025000	0.390798	<i>TMUB2</i>
19	43975001	44025000	0.390798	<i>UBTF</i>
20	35450001	35500000	0.390773	<i>RICTOR</i>
20	3075001	3125000	0.390721	<i>RANBP17</i>
3	36150001	36200000	0.39069	<i>NTNG1</i>
16	43700001	43750000	0.39069	<i>CLSTN1</i>
13	40150001	40200000	0.390676	<i>RALGAPA2</i>
4	32100001	32150000	0.390645	<i>TRA2A</i>
16	51150001	51200000	0.390594	<i>DVLI</i>
16	51150001	51200000	0.390594	<i>MXRA8</i>
16	51150001	51200000	0.390594	<i>TAS1R3</i>
16	51150001	51200000	0.390594	<i>CPTP</i>
16	51150001	51200000	0.390594	<i>AURKAIP1</i>
5	112575001	112625000	0.390553	<i>ACO2</i>
5	112575001	112625000	0.390553	<i>POLR3H</i>
5	58075001	58125000	0.390507	<i>OR6C278</i>
5	58075001	58125000	0.390507	<i>OR6C207</i>
18	11100001	11150000	0.390496	<i>KIAA0513</i>

18	11100001	11150000	0.390496	<i>ZDHHC7</i>
2	125375001	125425000	0.390455	<i>SMPDL3B</i>
2	125375001	125425000	0.390455	<i>EYA3</i>
2	125375001	125425000	0.390455	<i>XKR8</i>
25	25100001	25150000	0.390452	<i>KATNIP</i>
5	81825001	81875000	0.39043	<i>PTHLH</i>
13	22750001	22800000	0.390409	<i>MLLT10</i>
3	101375001	101425000	0.390392	<i>RNF220</i>
3	101375001	101425000	0.390392	<i>TMEM53</i>
14	925001	975000	0.390378	<i>EPPK1</i>
14	925001	975000	0.390378	<i>NRBP2</i>
14	925001	975000	0.390378	<i>PUF60</i>
4	68000001	68050000	0.390358	<i>JAZF1</i>
15	40350001	40400000	0.390293	<i>MICAL2</i>
16	45575001	45625000	0.390261	<i>CAMTA1</i>
10	70900001	70950000	0.390237	<i>DACT1</i>
11	11600001	11650000	0.390159	<i>EXOC6B</i>
22	37150001	37200000	0.390097	<i>PRICKLE2</i>
19	28675001	28725000	0.39001	<i>STX8</i>
12	32675001	32725000	0.38997	<i>USP12</i>
22	47975001	48025000	0.389937	<i>TMEM110</i>
22	47975001	48025000	0.389937	<i>SFMBT1</i>
18	18575001	18625000	0.389913	<i>TENT4B</i>
4	80650001	80700000	0.389853	<i>SUGCT</i>
26	45500001	45550000	0.38984	<i>ADAM12</i>
26	45500001	45550000	0.38984	<i>FANK1</i>
12	19375001	19425000	0.389822	<i>SPRYD7</i>
14	15050001	15100000	0.389737	<i>NSMCE2</i>
14	15050001	15100000	0.389737	<i>WASHC5</i>
8	7625001	7675000	0.389671	<i>GATA4</i>
8	7625001	7675000	0.389671	<i>NEIL2</i>
6	95975001	96025000	0.389587	<i>PRKG2</i>
6	30675001	30725000	0.389534	<i>ATOH1</i>
3	119225001	119275000	0.38946	<i>OR9S42</i>
1	145975001	146025000	0.389432	<i>PCNT</i>
1	145975001	146025000	0.389432	<i>C1H21orf58</i>
1	145975001	146025000	0.389432	<i>YBEY</i>
11	11775001	11825000	0.389399	<i>EXOC6B</i>
5	59000001	59050000	0.389385	<i>OR6C266</i>
5	59000001	59050000	0.389385	<i>OR6C74</i>
18	11450001	11500000	0.389359	<i>GSE1</i>
26	25300001	25350000	0.389352	<i>SORCS3</i>
14	14825001	14875000	0.389265	<i>NSMCE2</i>
3	25675001	25725000	0.389232	<i>MANIA2</i>
8	64825001	64875000	0.389217	<i>NR4A3</i>
3	475001	525000	0.389202	<i>GPR161</i>
15	39950001	40000000	0.3892	<i>TEAD1</i>
5	105725001	105775000	0.389184	<i>TIGAR</i>
5	105725001	105775000	0.389184	<i>CCND2</i>
5	105725001	105775000	0.389184	<i>FGF23</i>
19	38350001	38400000	0.389181	<i>SKAPI</i>
19	38350001	38400000	0.389181	<i>SNX11</i>

19	38350001	38400000	0.389181	<i>CBX1</i>
28	25150001	25200000	0.389108	<i>DDX50</i>
28	25150001	25200000	0.389108	<i>STOX1</i>
1	93375001	93425000	0.389105	<i>NLGN1</i>
22	46575001	46625000	0.389031	<i>CACNA2D3</i>
2	107275001	107325000	0.388961	<i>DNPEP</i>
2	107275001	107325000	0.388961	<i>RESP18</i>
8	64850001	64900000	0.388942	<i>NR4A3</i>
4	10100001	10150000	0.388859	<i>CDK6</i>
11	104350001	104400000	0.388814	<i>CACFD1</i>
11	104350001	104400000	0.388814	<i>SLC2A6</i>
20	20450001	20500000	0.388807	<i>RAB3C</i>
25	36375001	36425000	0.388792	<i>ZKSCAN1</i>
25	36375001	36425000	0.388792	<i>ZNF3</i>
7	93775001	93825000	0.388698	<i>KIAA0825</i>
2	125400001	125450000	0.388654	<i>SMPDL3B</i>
2	125400001	125450000	0.388654	<i>RPA2</i>
2	125400001	125450000	0.388654	<i>XKR8</i>
28	35425001	35475000	0.388587	<i>CL46</i>
28	8075001	8125000	0.388523	<i>TBCE</i>
28	8075001	8125000	0.388523	<i>GGPS1</i>
5	111600001	111650000	0.388517	<i>TNRC6B</i>
19	38200001	38250000	0.388504	<i>SKAPI</i>
14	1250001	1300000	0.388472	<i>TOPIMT</i>
14	1250001	1300000	0.388472	<i>RHPN1</i>
26	45450001	45500000	0.388375	<i>FANK1</i>
21	42075001	42125000	0.388372	<i>NUBPL</i>
28	28925001	28975000	0.388323	<i>PLA2G12B</i>
28	28925001	28975000	0.388323	<i>OIT3</i>
18	46550001	46600000	0.388261	<i>TYROBP</i>
18	46550001	46600000	0.388261	<i>APLP1</i>
18	46550001	46600000	0.388261	<i>KIRREL2</i>
18	46550001	46600000	0.388261	<i>NFKBID</i>
18	46550001	46600000	0.388261	<i>NPHS1</i>
18	46550001	46600000	0.388261	<i>HCST</i>
26	34150001	34200000	0.388168	<i>CASP7</i>
16	45600001	45650000	0.388146	<i>CAMTA1</i>
3	101900001	101950000	0.388127	<i>KLF17</i>
8	72575001	72625000	0.388105	<i>DOCK5</i>
5	104600001	104650000	0.388003	<i>ANO2</i>
8	62025001	62075000	0.387957	<i>SHB</i>
9	42625001	42675000	0.387945	<i>PDSS2</i>
23	13650001	13700000	0.387837	<i>DAAM2</i>
3	78375001	78425000	0.387559	<i>MIER1</i>
3	78375001	78425000	0.387559	<i>DNAI4</i>
28	25600001	25650000	0.387365	<i>HKDC1</i>
2	23400001	23450000	0.387319	<i>MAP3K20</i>
18	36825001	36875000	0.387261	<i>WWP2</i>
18	36825001	36875000	0.387261	<i>NOB1</i>
18	36825001	36875000	0.387261	<i>U6</i>
28	15450001	15500000	0.387236	<i>CCDC6</i>
21	45075001	45125000	0.38714	<i>BAZ1A</i>

21	45075001	45125000	0.38714	<i>CFL2</i>
22	49050001	49100000	0.387049	<i>IQCF6</i>
8	76725001	76775000	0.387038	<i>FRMD3</i>
19	11050001	11100000	0.386909	<i>MED13</i>
3	31525001	31575000	0.386874	<i>DDX20</i>
3	31525001	31575000	0.386874	<i>INKA2</i>
3	31525001	31575000	0.386874	<i>KCND3</i>
21	2725001	2775000	0.386859	<i>ATP10A</i>
13	17275001	17325000	0.386855	<i>PFKFB3</i>
22	48025001	48075000	0.386853	<i>TMEM110</i>
22	48025001	48075000	0.386853	<i>ITIH4</i>
22	48025001	48075000	0.386853	<i>MUSTN1</i>
22	53450001	53500000	0.386822	<i>LZTFL1</i>
22	53450001	53500000	0.386822	<i>SLC6A20</i>
11	11900001	11950000	0.386812	<i>EXOC6B</i>
1	152700001	152750000	0.386785	<i>ANKRD28</i>
14	39925001	39975000	0.386784	<i>ZFHX4</i>
7	11700001	11750000	0.386753	<i>RFX1</i>
7	11700001	11750000	0.386753	<i>DCAF15</i>
4	65600001	65650000	0.386749	<i>INMT</i>
4	65600001	65650000	0.386749	<i>CRHR2</i>
20	25375001	25425000	0.38673	<i>NDUFS4</i>
18	46450001	46500000	0.386686	<i>ARHGAP33</i>
18	46450001	46500000	0.386686	<i>PROSER3</i>
18	46450001	46500000	0.386686	<i>LIN37</i>
18	46450001	46500000	0.386686	<i>KMT2B</i>
18	46450001	46500000	0.386686	<i>IGFLR1</i>
18	46450001	46500000	0.386686	<i>HSPB6</i>
18	46450001	46500000	0.386686	<i>U2AF1L4</i>
18	46450001	46500000	0.386686	<i>PSENNEN</i>
26	13200001	13250000	0.386626	<i>PPP1R3C</i>
5	58575001	58625000	0.386624	<i>OR6C7H</i>
5	58575001	58625000	0.386624	<i>OR6C1Q</i>
19	8300001	8350000	0.386546	<i>MSI2</i>
6	94850001	94900000	0.386513	<i>PRDM8</i>
22	30250001	30300000	0.386471	<i>FOXP1</i>
18	14500001	14550000	0.386446	<i>DPEPI</i>
18	14500001	14550000	0.386446	<i>CPNE7</i>
16	51050001	51100000	0.386422	<i>SSU72</i>
16	51050001	51100000	0.386422	<i>ATAD3A</i>
16	51050001	51100000	0.386422	<i>TMEM240</i>
3	89325001	89375000	0.38639	<i>FYB2</i>
12	32650001	32700000	0.386314	<i>USP12</i>
14	34825001	34875000	0.386228	<i>EYA1</i>
22	60375001	60425000	0.386156	<i>CHCHD6</i>
22	60375001	60425000	0.386156	<i>TXNRD3</i>
29	28425001	28475000	0.386125	<i>CCDC15</i>
16	2850001	2900000	0.386027	<i>RBBP5</i>
16	2850001	2900000	0.386027	<i>CNTN2</i>
16	2850001	2900000	0.386027	<i>TMEM81</i>
1	93850001	93900000	0.385992	<i>NLGN1</i>
24	2325001	2375000	0.385975	<i>ZNF236</i>

24	2325001	2375000	0.385975	<i>MBP</i>
11	48650001	48700000	0.38597	<i>IMMT</i>
11	48650001	48700000	0.38597	<i>MRPL35</i>
11	48650001	48700000	0.38597	<i>REEPI</i>
15	51775001	51825000	0.385891	<i>FOLR1</i>
15	51775001	51825000	0.385891	<i>FOLR3</i>
15	51775001	51825000	0.385891	<i>FOLR2</i>
19	28775001	28825000	0.385763	<i>STX8</i>
3	42350001	42400000	0.385756	<i>SLC30A7</i>
20	41975001	42025000	0.385654	<i>DROSHA</i>
20	41975001	42025000	0.385654	<i>C20H5orf22</i>
19	27375001	27425000	0.385622	<i>WRAP53</i>
19	27375001	27425000	0.385622	<i>TP53</i>
19	27375001	27425000	0.385622	<i>DNAH2</i>
19	27375001	27425000	0.385622	<i>EFNB3</i>
20	14475001	14525000	0.385592	<i>CWC27</i>
8	61550001	61600000	0.385553	<i>ZBTB5</i>
8	61550001	61600000	0.385553	<i>GRHPR</i>
8	61550001	61600000	0.385553	<i>U6</i>
21	15825001	15875000	0.385552	<i>SV2B</i>
8	72750001	72800000	0.385537	<i>KCTD9</i>
3	89300001	89350000	0.385503	<i>FYB2</i>
2	47300001	47350000	0.385481	<i>KIF5C</i>
18	55050001	55100000	0.385447	<i>TMEM143</i>
18	55050001	55100000	0.385447	<i>SYNGR4</i>
18	55050001	55100000	0.385447	<i>KDELR1</i>
18	55050001	55100000	0.385447	<i>GRIN2D</i>
18	46525001	46575000	0.385436	<i>NPHS1</i>
18	46525001	46575000	0.385436	<i>KIRREL2</i>
18	46525001	46575000	0.385436	<i>APLP1</i>
18	46525001	46575000	0.385436	<i>U6</i>
22	60300001	60350000	0.385413	<i>CHCHD6</i>
8	76400001	76450000	0.385376	<i>FRMD3</i>
7	7875001	7925000	0.385327	<i>NOTCH3</i>
7	7875001	7925000	0.385327	<i>BRD4</i>
7	7875001	7925000	0.385327	<i>EPHX3</i>
16	42000001	42050000	0.38528	<i>FBXO6</i>
16	42000001	42050000	0.38528	<i>FBXO2</i>
16	42000001	42050000	0.38528	<i>FBXO44</i>
16	42000001	42050000	0.38528	<i>MAD2L2</i>
3	119250001	119300000	0.385273	<i>OR9S23B</i>
3	119250001	119300000	0.385273	<i>OR9S42</i>
3	106375001	106425000	0.385207	<i>NT5C1A</i>
3	106375001	106425000	0.385207	<i>HPCAL4</i>
8	39450001	39500000	0.385195	<i>JAK2</i>
18	25450001	25500000	0.385131	<i>DOK4</i>
18	25450001	25500000	0.385131	<i>POLR2C</i>
18	25450001	25500000	0.385131	<i>COQ9</i>
18	25450001	25500000	0.385131	<i>CCDC102A</i>
2	43450001	43500000	0.385126	<i>PRPF40A</i>
2	43450001	43500000	0.385126	<i>ARL6IP6</i>
2	43450001	43500000	0.385126	<i>U6</i>

7	7650001	7700000	0.385075	<i>RASAL3</i>
7	7650001	7700000	0.385075	<i>PGLYRP2</i>
20	33675001	33725000	0.385067	<i>PRKAA1</i>
20	33675001	33725000	0.385067	<i>TTC33</i>
14	33525001	33575000	0.385028	<i>SLCO5A1</i>
7	7675001	7725000	0.385002	<i>WIZ</i>
7	7675001	7725000	0.385002	<i>RASAL3</i>
7	7675001	7725000	0.385002	<i>PGLYRP2</i>
8	64975001	65025000	0.384963	<i>STX17</i>
22	37175001	37225000	0.384864	<i>PRICKLE2</i>
3	101675001	101725000	0.384817	<i>ERIB</i>
6	65600001	65650000	0.38481	<i>GABRB1</i>
2	106725001	106775000	0.384802	<i>CYP27A1</i>
16	3375001	3425000	0.384786	<i>ELK4</i>
16	3375001	3425000	0.384786	<i>SLC45A3</i>
8	65050001	65100000	0.384749	<i>ERP44</i>
11	10700001	10750000	0.384748	<i>DGUOK</i>
11	10700001	10750000	0.384748	<i>ACTG2</i>
1	120900001	120950000	0.384724	<i>ZIC4</i>
1	120900001	120950000	0.384724	<i>ZIC1</i>
6	64600001	64650000	0.384616	<i>GABRG1</i>
1	6250001	6300000	0.384588	<i>GRIK1</i>
21	2900001	2950000	0.384511	<i>ATP10A</i>
21	2900001	2950000	0.384511	<i>U6</i>
22	42850001	42900000	0.384361	<i>KCTD6</i>
22	42850001	42900000	0.384361	<i>ACOX2</i>
19	51050001	51100000	0.384348	<i>GCGR</i>
19	51050001	51100000	0.384348	<i>MCRIP1</i>
19	51050001	51100000	0.384348	<i>PPP1R27</i>
6	87900001	87950000	0.384321	<i>SNORD42</i>
16	50375001	50425000	0.384236	<i>PLCH2</i>
8	76425001	76475000	0.384106	<i>FRMD3</i>
28	3675001	3725000	0.384071	<i>TTC13</i>
28	3675001	3725000	0.384071	<i>ARV1</i>
2	61750001	61800000	0.384063	<i>R3HDM1</i>
1	2725001	2775000	0.384042	<i>C1H21orf62</i>
16	32375001	32425000	0.384042	<i>HNRNPU</i>
16	32375001	32425000	0.384042	<i>COX20</i>
14	35075001	35125000	0.383967	<i>EYA1</i>
2	125750001	125800000	0.38394	<i>AHDC1</i>
1	145925001	145975000	0.383866	<i>MCM3AP</i>
1	145925001	145975000	0.383866	<i>YBEY</i>
15	36475001	36525000	0.383713	<i>SOX6</i>
22	49025001	49075000	0.383688	<i>IQCF2</i>
5	111450001	111500000	0.383633	<i>TNRC6B</i>
29	28800001	28850000	0.383573	<i>PKNOX2</i>
3	101925001	101975000	0.3835	<i>KLF17</i>
28	24825001	24875000	0.383469	<i>DNA2</i>
28	24825001	24875000	0.383469	<i>SLC25A16</i>
28	24825001	24875000	0.383469	<i>U6</i>
6	6250001	6300000	0.383391	<i>SYNPO2</i>
5	47200001	47250000	0.383366	<i>GRIPI</i>

16	1100001	1150000	0.38333	<i>FMOD</i>
4	81525001	81575000	0.383294	<i>POU6F2</i>
14	35925001	35975000	0.383273	<i>KCNB2</i>
3	98325001	98375000	0.383219	<i>TRABD2B</i>
22	50675001	50725000	0.383072	<i>RHOA</i>
22	50675001	50725000	0.383072	<i>AMT</i>
22	50675001	50725000	0.383072	<i>NICN1</i>
22	50675001	50725000	0.383072	<i>TCTA</i>
19	44475001	44525000	0.383002	<i>ADAM11</i>
19	44475001	44525000	0.383002	<i>DBF4B</i>
3	101275001	101325000	0.382958	<i>ARMHI</i>
3	101275001	101325000	0.382958	<i>U5</i>
19	32775001	32825000	0.382878	<i>TEKT3</i>
19	32775001	32825000	0.382878	<i>PMP22</i>
14	15025001	15075000	0.382839	<i>NSMCE2</i>
16	43550001	43600000	0.382734	<i>NMNAT1</i>
16	43550001	43600000	0.382734	<i>RBP7</i>
8	7000001	7050000	0.382677	<i>GLRA3</i>
22	49175001	49225000	0.382667	<i>RAD54L2</i>
11	82975001	83025000	0.382608	<i>NBAS</i>
11	82975001	83025000	0.382608	<i>PGGHG</i>
18	45550001	45600000	0.382578	<i>ZNF181</i>
18	45550001	45600000	0.382578	<i>ZNF599</i>
22	32450001	32500000	0.382565	<i>UBA3</i>
22	32450001	32500000	0.382565	<i>ARL6IP5</i>
22	32450001	32500000	0.382565	<i>TMF1</i>
29	49700001	49750000	0.382468	<i>IFITM10</i>
29	49700001	49750000	0.382468	<i>CTSD</i>
7	90025001	90075000	0.38239	<i>POLR3G</i>
7	90025001	90075000	0.38239	<i>MBLAC2</i>
6	2400001	2450000	0.382335	<i>NPY5R</i>
6	2400001	2450000	0.382335	<i>NPY1R</i>
8	62600001	62650000	0.382333	<i>TDRD7</i>
14	35100001	35150000	0.38232	<i>EYA1</i>
22	7125001	7175000	0.382283	<i>CNOT10</i>
15	78525001	78575000	0.382196	<i>OR5I1</i>
15	78525001	78575000	0.382196	<i>OR5W27</i>
14	69950001	70000000	0.382115	<i>RAD54B</i>
18	54100001	54150000	0.382043	<i>ZC3H4</i>
5	103800001	103850000	0.382036	<i>CHD4</i>
5	103800001	103850000	0.382036	<i>LPAR5</i>
5	103800001	103850000	0.382036	<i>NOP2</i>
5	103800001	103850000	0.382036	<i>SCARNA11</i>
2	17725001	17775000	0.381991	<i>SESTD1</i>
14	4500001	4550000	0.381919	<i>FAM135B</i>
6	30800001	30850000	0.381901	<i>GRID2</i>
19	11300001	11350000	0.381809	<i>BRIP1</i>
4	51850001	51900000	0.381804	<i>CAV1</i>
21	45125001	45175000	0.381706	<i>BAZ1A</i>
13	17725001	17775000	0.381693	<i>YME1L1</i>
13	17725001	17775000	0.381693	<i>MASTL</i>
3	120575001	120625000	0.381673	<i>FARP2</i>

3	120575001	120625000	0.381673	<i>STK25</i>
20	24250001	24300000	0.381567	<i>CSPG4B</i>
25	18800001	18850000	0.381556	<i>DNAH3</i>
10	75450001	75500000	0.381528	<i>RHOJ</i>
5	11300001	11350000	0.381504	<i>PPFLA2</i>
21	47625001	47675000	0.381461	<i>MIPOL1</i>
28	30825001	30875000	0.381413	<i>DUSP29</i>
28	30825001	30875000	0.381413	<i>DUSP13</i>
12	12675001	12725000	0.381317	<i>TNFSF11</i>
16	38650001	38700000	0.381213	<i>FMO3</i>
7	12625001	12675000	0.381211	<i>SYCE2</i>
7	12625001	12675000	0.381211	<i>FARSA</i>
7	12625001	12675000	0.381211	<i>GCDH</i>
7	12625001	12675000	0.381211	<i>KLF1</i>
22	30500001	30550000	0.381198	<i>FOXP1</i>
13	22725001	22775000	0.381177	<i>MLLT10</i>
13	22725001	22775000	0.381177	<i>SKIDA1</i>
13	17075001	17125000	0.381115	<i>PRKCQ</i>
14	850001	900000	0.38107	<i>PLEC</i>
22	33450001	33500000	0.38085	<i>TAF41</i>
14	30950001	31000000	0.380846	<i>SGK3</i>
19	28075001	28125000	0.380832	<i>MYH10</i>
19	28075001	28125000	0.380832	<i>NDEL1</i>
14	31100001	31150000	0.380824	<i>PPP1R42</i>
14	31100001	31150000	0.380824	<i>MCMDC2</i>
14	31100001	31150000	0.380824	<i>TCF24</i>
14	31100001	31150000	0.380824	<i>SNORD87</i>
2	26600001	26650000	0.380819	<i>CFAP210</i>
2	26600001	26650000	0.380819	<i>KLHL23</i>
2	26600001	26650000	0.380819	<i>PHOSPHO2</i>
2	26600001	26650000	0.380819	<i>PPIG</i>
4	40575001	40625000	0.380782	<i>GNAT3</i>
4	10650001	10700000	0.380742	<i>VPS50</i>
9	42925001	42975000	0.380736	<i>MTRES1</i>
9	42925001	42975000	0.380736	<i>BEND3</i>
22	30350001	30400000	0.380688	<i>FOXP1</i>
4	119600001	119650000	0.380688	<i>VIPR2</i>
16	51075001	51125000	0.380686	<i>ATAD3A</i>
16	51075001	51125000	0.380686	<i>TMEM240</i>
16	51075001	51125000	0.380686	<i>VWA1</i>
16	51075001	51125000	0.380686	<i>TMEM88B</i>
16	51075001	51125000	0.380686	<i>SSU72</i>
28	33075001	33125000	0.380621	<i>KCNMA1</i>
7	21850001	21900000	0.380613	<i>RAD50</i>
7	21850001	21900000	0.380613	<i>IL5</i>
19	52425001	52475000	0.380551	<i>CARD14</i>
19	52425001	52475000	0.380551	<i>EIF4A3</i>
19	52425001	52475000	0.380551	<i>SGSH</i>
19	52425001	52475000	0.380551	<i>Metazoa_SRP</i>
2	107250001	107300000	0.38054	<i>PTPRN</i>
2	107250001	107300000	0.38054	<i>RESP18</i>
11	69325001	69375000	0.38045	<i>LCLAT1</i>

12	31250001	31300000	0.380404	<i>MTUS2</i>
23	15675001	15725000	0.380371	<i>MED20</i>
23	15675001	15725000	0.380371	<i>BYSL</i>
23	15675001	15725000	0.380371	<i>CCND3</i>
2	61675001	61725000	0.380362	<i>R3HDM1</i>
2	61675001	61725000	0.380362	<i>MIR128-1</i>
3	78325001	78375000	0.380349	<i>MIER1</i>
8	86550001	86600000	0.380311	<i>AUH</i>
25	25075001	25125000	0.380288	<i>KATNP1</i>
25	25075001	25125000	0.380288	<i>GTF3C1</i>
14	31750001	31800000	0.380207	<i>CPA6</i>
20	525001	575000	0.380198	<i>SLIT3</i>
20	525001	575000	0.380198	<i>MIR218-2</i>
8	62050001	62100000	0.380079	<i>SHB</i>
5	67525001	67575000	0.380071	<i>TTC41</i>
7	17750001	17800000	0.380049	<i>C3</i>
7	17750001	17800000	0.380049	<i>GPR108</i>
7	17750001	17800000	0.380049	<i>TRIP10</i>
22	10825001	10875000	0.380004	<i>GOLGA4</i>
7	12575001	12625000	0.37993	<i>RAD23A</i>
7	12575001	12625000	0.37993	<i>CALR</i>
7	12575001	12625000	0.37993	<i>GADD45GIP1</i>
7	12575001	12625000	0.37993	<i>NFIX</i>
1	93500001	93550000	0.379816	<i>NLGN1</i>
3	120425001	120475000	0.379635	<i>HDLBP</i>
1	2750001	2800000	0.379592	<i>C1H21orf62</i>
1	2750001	2800000	0.379592	<i>PAXBPI</i>
2	17650001	17700000	0.379448	<i>SESTD1</i>
3	25850001	25900000	0.379447	<i>MAN1A2</i>
3	20700001	20750000	0.379442	<i>SV2A</i>
3	20700001	20750000	0.379442	<i>H2AC20</i>
3	20700001	20750000	0.379442	<i>BOLA1</i>
3	20700001	20750000	0.379442	<i>H2AC19</i>
3	20700001	20750000	0.379442	<i>H2AC21</i>
5	112025001	112075000	0.379248	<i>SLC25A17</i>
5	112025001	112075000	0.379248	<i>U6</i>
24	50001	100000	0.379206	<i>OR5W32P</i>
22	53600001	53650000	0.379123	<i>SACMIL</i>
22	53600001	53650000	0.379123	<i>LIMD1</i>
6	91300001	91350000	0.379093	<i>SHROOM3</i>
19	56275001	56325000	0.379088	<i>JPT1</i>
19	56275001	56325000	0.379088	<i>SUMO2</i>
19	56275001	56325000	0.379088	<i>ARMC7</i>
19	56275001	56325000	0.379088	<i>NT5C</i>
2	43475001	43525000	0.379073	<i>PRPF40A</i>
4	119550001	119600000	0.379017	<i>DYNC2II</i>
6	30700001	30750000	0.378957	<i>ATOHI</i>
7	93800001	93850000	0.378935	<i>KIAA0825</i>
19	51425001	51475000	0.378931	<i>SLC38A10</i>
15	47675001	47725000	0.378851	<i>OR52H9</i>
8	82600001	82650000	0.37881	<i>ERCC6L2</i>
1	156775001	156825000	0.378739	<i>KCNH8</i>

3	120700001	120750000	0.378688	<i>ATG4B</i>
3	120700001	120750000	0.378688	<i>THAP4</i>
3	120700001	120750000	0.378688	<i>DTYMK</i>
3	120700001	120750000	0.378688	<i>ING5</i>
22	6300001	6350000	0.378676	<i>OSBPL10</i>
6	96000001	96050000	0.378622	<i>PRKG2</i>
11	45725001	45775000	0.37862	<i>UXS1</i>
14	34750001	34800000	0.378598	<i>EYA1</i>
14	23050001	23100000	0.378411	<i>TGS1</i>
14	23050001	23100000	0.378411	<i>TMEM68</i>
14	39850001	39900000	0.378404	<i>ZFHX4</i>
7	21900001	21950000	0.378368	<i>IRF1</i>
3	103925001	103975000	0.3783	<i>FOXJ3</i>
6	114175001	114225000	0.378289	<i>AFAP1</i>
19	28975001	29025000	0.378286	<i>GLP2R</i>
11	14200001	14250000	0.378257	<i>XDH</i>
29	49975001	50025000	0.378252	<i>MOB2</i>
29	49975001	50025000	0.378252	<i>DUSP8</i>
8	64950001	65000000	0.378239	<i>STX17</i>
16	42025001	42075000	0.378201	<i>FBXO2</i>
16	42025001	42075000	0.378201	<i>FBXO44</i>
28	28125001	28175000	0.378176	<i>SPOCK2</i>
16	41550001	41600000	0.378132	<i>TNFRSF8</i>
7	12875001	12925000	0.378095	<i>ZNF791</i>
4	67975001	68025000	0.37804	<i>JAZF1</i>
19	51175001	51225000	0.378008	<i>NPLOC4</i>
19	51175001	51225000	0.378008	<i>FAAP100</i>
28	44600001	44650000	0.37781	<i>RASSF4</i>
28	44600001	44650000	0.37781	<i>TMEM72</i>
28	44600001	44650000	0.37781	<i>DEPPI</i>
28	25675001	25725000	0.37777	<i>HK1</i>
5	109175001	109225000	0.377753	<i>MICAL3</i>
2	43500001	43550000	0.377729	<i>PRPF40A</i>
2	43500001	43550000	0.377729	<i>FMNL2</i>
3	120400001	120450000	0.377703	<i>HDLBP</i>
16	4000001	4050000	0.377694	<i>SRGAP2</i>
27	35025001	35075000	0.377657	<i>IDO2</i>
27	35025001	35075000	0.377657	<i>IDO1</i>
14	825001	875000	0.377654	<i>PLEC</i>
14	825001	875000	0.377654	<i>PARP10</i>
14	825001	875000	0.377654	<i>GRINA</i>
23	16700001	16750000	0.377648	<i>PTK7</i>
23	16700001	16750000	0.377648	<i>KLC4</i>
2	18525001	18575000	0.377622	<i>OSBPL6</i>
1	146050001	146100000	0.377621	<i>PCNT</i>
19	50325001	50375000	0.377607	<i>SECTM1</i>
19	50325001	50375000	0.377607	<i>SECTM1A</i>
15	79300001	79350000	0.377565	<i>OR5AL8</i>
22	52600001	52650000	0.377558	<i>PTH1R</i>
22	52600001	52650000	0.377558	<i>MYL3</i>
15	40750001	40800000	0.377442	<i>USP47</i>
23	16825001	16875000	0.377438	<i>TTBK1</i>

14	32575001	32625000	0.377427	<i>C14H8orf34</i>
19	38325001	38375000	0.377415	<i>SKAPI</i>
8	20400001	20450000	0.377413	<i>ELAVL2</i>
14	14850001	14900000	0.37741	<i>NSMCE2</i>
3	120375001	120425000	0.377407	<i>PPP1R7</i>
3	120375001	120425000	0.377407	<i>HDLBP</i>
8	70800001	70850000	0.377378	<i>NKX2-6</i>
18	22325001	22375000	0.377327	<i>FTO</i>
15	51800001	51850000	0.377281	<i>INPPL1</i>
15	51800001	51850000	0.377281	<i>FOLR1</i>
15	51800001	51850000	0.377281	<i>PHOX2A</i>
15	51800001	51850000	0.377281	<i>FOLR2</i>
19	42225001	42275000	0.377236	<i>RAB5C</i>
19	42225001	42275000	0.377236	<i>DHX58</i>
19	42225001	42275000	0.377236	<i>ZNF385C</i>
19	42225001	42275000	0.377236	<i>KAT2A</i>
19	42225001	42275000	0.377236	<i>HSPB9</i>
7	89950001	90000000	0.377185	<i>CETN3</i>
6	89900001	89950000	0.377167	<i>PARM1</i>
29	24475001	24525000	0.377101	<i>PRMT3</i>
5	25700001	25750000	0.377051	<i>COPZ1</i>
5	25700001	25750000	0.377051	<i>ZNF385A</i>
5	25700001	25750000	0.377051	<i>GPR84</i>
22	43450001	43500000	0.377013	<i>SLMAP</i>
8	86975001	87025000	0.376988	<i>SYK</i>
13	30100001	30150000	0.376977	<i>ITGA8</i>
5	11325001	11375000	0.376958	<i>PPFIA2</i>
4	80975001	81025000	0.376954	<i>CDK13</i>
19	51550001	51600000	0.376919	<i>AATK</i>
19	51550001	51600000	0.376919	<i>BAIAP2</i>
2	22775001	22825000	0.376913	<i>SP3</i>
5	69700001	69750000	0.376899	<i>POLR3B</i>
5	69700001	69750000	0.376899	<i>TCPI1L2</i>
3	78525001	78575000	0.376666	<i>DYNLT5</i>
3	51275001	51325000	0.376539	<i>BTBD8</i>
6	30325001	30375000	0.376449	<i>SMARCAD1</i>
28	29150001	29200000	0.376416	<i>P4HA1</i>
28	29150001	29200000	0.376416	<i>NUDT13</i>
6	8250001	8300000	0.376313	<i>TRAMIL1</i>
8	60250001	60300000	0.376275	<i>OR13C11</i>
8	60250001	60300000	0.376275	<i>OR13C7</i>
8	60250001	60300000	0.376275	<i>OR13C7L</i>
8	60250001	60300000	0.376275	<i>OR13C7B</i>
8	60250001	60300000	0.376275	<i>OR13C7C</i>
18	45525001	45575000	0.376211	<i>ZNF181</i>
18	45525001	45575000	0.376211	<i>ZNF599</i>
3	101825001	101875000	0.376201	<i>DMAPI</i>
3	101825001	101875000	0.376201	<i>ER13</i>
1	45025001	45075000	0.376172	<i>TMEM45A</i>
20	3775001	3825000	0.376164	<i>FBXW11</i>
3	120500001	120550000	0.376096	<i>FARP2</i>
3	120500001	120550000	0.376096	<i>SEPTIN2</i>

12	15350001	15400000	0.376072	<i>GTF2F2</i>
22	44075001	44125000	0.375989	<i>ARHGEF3</i>
28	25650001	25700000	0.375925	<i>HK1</i>
14	69475001	69525000	0.375878	<i>INTS8</i>
10	75550001	75600000	0.375878	<i>RHOJ</i>
10	75550001	75600000	0.375878	<i>GPHB5</i>
22	30525001	30575000	0.375876	<i>FOXP1</i>
7	90050001	90100000	0.375835	<i>POLR3G</i>
7	90050001	90100000	0.375835	<i>LYSMD3</i>
7	14700001	14750000	0.375814	<i>DNMT1</i>
7	14700001	14750000	0.375814	<i>S1PR2</i>
12	32100001	32150000	0.375806	<i>PDX1</i>
5	78225001	78275000	0.375779	<i>AMN1</i>
5	78225001	78275000	0.375779	<i>ETFBKMT</i>
8	82700001	82750000	0.375739	<i>ERCC6L2</i>
28	26125001	26175000	0.375709	<i>COL13A1</i>
3	106075001	106125000	0.375706	<i>MFSD2A</i>
1	1600001	1650000	0.375679	<i>ATP5PO</i>
19	43525001	43575000	0.375653	<i>MEOX1</i>
28	17675001	17725000	0.375543	<i>CABCOCO1</i>
3	15975001	16025000	0.375538	<i>ADAR</i>
3	15975001	16025000	0.375538	<i>CHRN2</i>
3	15975001	16025000	0.375538	<i>UBE2Q1</i>
28	28700001	28750000	0.375504	<i>MCU</i>
18	11850001	11900000	0.3755	<i>IRF8</i>
22	48425001	48475000	0.375482	<i>SEMA3G</i>
22	48425001	48475000	0.375482	<i>PHF7</i>
22	48425001	48475000	0.375482	<i>NISCH</i>
22	48425001	48475000	0.375482	<i>TNNC1</i>
18	21950001	22000000	0.375469	<i>RPGRIP1L</i>
11	55600001	55650000	0.375455	<i>CTNNA2</i>
5	113000001	113050000	0.375427	<i>WBP2NL</i>
5	113000001	113050000	0.375427	<i>NAGA</i>
5	113000001	113050000	0.375427	<i>PHETA2</i>
5	113000001	113050000	0.375427	<i>NDUFA6</i>
5	113000001	113050000	0.375427	<i>SMDT1</i>
19	49975001	50025000	0.375383	<i>WDR45B</i>
19	49975001	50025000	0.375383	<i>RAB40B</i>
21	67625001	67675000	0.375361	<i>CDC42BPB</i>
2	125125001	125175000	0.375332	<i>DNAJC8</i>
2	125125001	125175000	0.375332	<i>SESN2</i>
2	125125001	125175000	0.375332	<i>ATP5IF1</i>
8	70775001	70825000	0.375301	<i>NKX3-1</i>
8	70775001	70825000	0.375301	<i>NKX2-6</i>
20	25425001	25475000	0.375271	<i>NDUFS4</i>
3	103950001	104000000	0.375245	<i>FOXJ3</i>
8	72625001	72675000	0.375136	<i>DOCK5</i>
5	109150001	109200000	0.375136	<i>MICAL3</i>
5	109150001	109200000	0.375136	<i>BID</i>
19	29025001	29075000	0.374992	<i>GAS7</i>
19	29025001	29075000	0.374992	<i>RCVRN</i>
18	15650001	15700000	0.374942	<i>ITFG1</i>

7	53775001	53825000	0.374938	<i>ARHGAP26</i>
24	34425001	34475000	0.374902	<i>MIB1</i>
24	34425001	34475000	0.374902	<i>MIR1-2</i>
18	10700001	10750000	0.374892	<i>MEAK7</i>
5	67475001	67525000	0.374889	<i>NT5DC3</i>
5	67475001	67525000	0.374889	<i>TTC41</i>
18	52925001	52975000	0.374875	<i>MARK4</i>
18	52925001	52975000	0.374875	<i>CKM</i>
18	52925001	52975000	0.374875	<i>KLC3</i>
18	52925001	52975000	0.374875	<i>U6</i>
1	146025001	146075000	0.374867	<i>PCNT</i>
11	14150001	14200000	0.374867	<i>XDH</i>
11	14150001	14200000	0.374867	<i>FAM136A</i>
19	51775001	51825000	0.374866	<i>RPTOR</i>
29	28175001	28225000	0.374853	<i>NRGN</i>
19	47825001	47875000	0.374844	<i>KCNH6</i>
19	47825001	47875000	0.374844	<i>DCAF7</i>
12	19450001	19500000	0.374752	<i>TRIM13</i>
12	19450001	19500000	0.374752	<i>KCNRG</i>
20	35425001	35475000	0.374737	<i>RICTOR</i>
6	30825001	30875000	0.374724	<i>GRID2</i>
14	75350001	75400000	0.374691	<i>CNBD1</i>
8	82575001	82625000	0.374674	<i>ERCC6L2</i>
20	15200001	15250000	0.374672	<i>RNF180</i>
10	30950001	31000000	0.37462	<i>DPH6</i>
23	10750001	10800000	0.374605	<i>PPIL1</i>
23	10750001	10800000	0.374605	<i>CPNE5</i>
23	10750001	10800000	0.374605	<i>C23H6orf89</i>
14	23125001	23175000	0.374554	<i>LYN</i>
1	44950001	45000000	0.374532	<i>TMEM45A</i>
19	51750001	51800000	0.374484	<i>RPTOR</i>
19	30675001	30725000	0.374483	<i>MAP2K4</i>
14	4450001	4500000	0.374451	<i>FAM135B</i>
13	73050001	73100000	0.374434	<i>ADA</i>
19	52600001	52650000	0.374422	<i>TBC1D16</i>
16	50400001	50450000	0.374377	<i>PLCH2</i>
16	50400001	50450000	0.374377	<i>RER1</i>
16	50400001	50450000	0.374377	<i>PEX10</i>
13	1550001	1600000	0.374376	<i>PLCB1</i>
22	48775001	48825000	0.37436	<i>POCIA</i>
13	61800001	61850000	0.374357	<i>ASXL1</i>
4	81550001	81600000	0.374227	<i>POU6F2</i>
18	52950001	53000000	0.374224	<i>ERCC2</i>
18	52950001	53000000	0.374224	<i>CKM</i>
18	52950001	53000000	0.374224	<i>KLC3</i>
18	52950001	53000000	0.374224	<i>MARK4</i>
27	33950001	34000000	0.374215	<i>TACCI</i>
21	45100001	45150000	0.374201	<i>BAZ1A</i>
21	45100001	45150000	0.374201	<i>CFL2</i>
1	152425001	152475000	0.374164	<i>METTL6</i>
1	152425001	152475000	0.374164	<i>EAF1</i>
29	5275001	5325000	0.374123	<i>U6</i>

13	22800001	22850000	0.374091	<i>MLLT10</i>
19	11275001	11325000	0.374084	<i>BRIP1</i>
12	31300001	31350000	0.37406	<i>MTUS2</i>
19	9375001	9425000	0.374044	<i>HSF5</i>
19	9375001	9425000	0.374044	<i>RNF43</i>
22	46000001	46050000	0.374031	<i>CACNA2D3</i>
7	43950001	44000000	0.374031	<i>TCF3</i>
7	43950001	44000000	0.374031	<i>MBD3</i>
7	43950001	44000000	0.374031	<i>MEX3D</i>
7	43950001	44000000	0.374031	<i>UQCR11</i>
6	35800001	35850000	0.373972	<i>FAM13A</i>
6	67650001	67700000	0.373944	<i>CWH43</i>
22	42900001	42950000	0.373913	<i>PDHB</i>
22	42900001	42950000	0.373913	<i>PXK</i>
22	42900001	42950000	0.373913	<i>KCTD6</i>
14	35950001	36000000	0.373889	<i>KCNB2</i>
7	43725001	43775000	0.373882	<i>EFNA2</i>
28	26225001	26275000	0.373872	<i>COL13A1</i>
19	19075001	19125000	0.373855	<i>KSR1</i>
5	111625001	111675000	0.373818	<i>TNRC6B</i>
5	111625001	111675000	0.373818	<i>ADSL</i>
20	48875001	48925000	0.373799	<i>CDH10</i>
28	8225001	8275000	0.373732	<i>B3GALNT2</i>
15	74950001	75000000	0.373681	<i>TSPAN18</i>
19	44575001	44625000	0.373666	<i>EFTUD2</i>
19	44575001	44625000	0.373666	<i>GFAP</i>
19	44575001	44625000	0.373666	<i>CCDC103</i>
19	44575001	44625000	0.373666	<i>FAM187A</i>
18	2675001	2725000	0.373628	<i>CFDPI</i>
19	12225001	12275000	0.373596	<i>BCAS3</i>
6	19050001	19100000	0.373584	<i>TBCK</i>
22	49825001	49875000	0.373538	<i>CACNA2D2</i>
26	36475001	36525000	0.373516	<i>GFRA1</i>
1	93475001	93525000	0.373437	<i>NLGN1</i>
16	34000001	34050000	0.373399	<i>CEP170</i>
3	106425001	106475000	0.373354	<i>HEYL</i>
16	73125001	73175000	0.373209	<i>SYT14</i>
19	30700001	30750000	0.373194	<i>MAP2K4</i>
23	8325001	8375000	0.373194	<i>NUDT3</i>
23	8325001	8375000	0.373194	<i>SMIM29</i>
8	7550001	7600000	0.37319	<i>CTSB</i>
8	7550001	7600000	0.37319	<i>FDFT1</i>
4	119400001	119450000	0.37313	<i>ESYT2</i>
4	119400001	119450000	0.37313	<i>NCAPG2</i>
22	49200001	49250000	0.373069	<i>RAD54L2</i>
19	41075001	41125000	0.373006	<i>KRT23</i>
19	41075001	41125000	0.373006	<i>KRT20</i>
16	49400001	49450000	0.372988	<i>MEGF6</i>
16	49400001	49450000	0.372988	<i>WRAP73</i>
16	49400001	49450000	0.372988	<i>TP73</i>
16	49400001	49450000	0.372988	<i>TPRGIL</i>
7	93825001	93875000	0.372968	<i>KIAA0825</i>

16	3500001	3550000	0.372965	<i>SLC41A1</i>
16	3500001	3550000	0.372965	<i>RAB29</i>
22	43000001	43050000	0.372961	<i>ABHD6</i>
22	43000001	43050000	0.372961	<i>RPP14</i>
22	43000001	43050000	0.372961	<i>PXK</i>
22	43000001	43050000	0.372961	<i>U6</i>
16	39925001	39975000	0.372932	<i>C16H1orf105</i>
13	17100001	17150000	0.372876	<i>PRKCQ</i>
28	8150001	8200000	0.372855	<i>TBCE</i>
28	8150001	8200000	0.372855	<i>B3GALNT2</i>
13	57075001	57125000	0.372833	<i>EDN3</i>
14	39825001	39875000	0.372722	<i>ZFHX4</i>
2	65475001	65525000	0.372718	<i>ACTR3</i>
14	1375001	1425000	0.372662	<i>LY6E</i>
4	51925001	51975000	0.372632	<i>CAV2</i>
2	61725001	61775000	0.372496	<i>R3HDM1</i>
11	104475001	104525000	0.372454	<i>DBH</i>
11	104475001	104525000	0.372454	<i>FAM163B</i>
11	104475001	104525000	0.372454	<i>SARDH</i>
22	52525001	52575000	0.372451	<i>CCDC12</i>
20	38450001	38500000	0.372364	<i>SPEF2</i>
28	26725001	26775000	0.372306	<i>PALD1</i>
11	104500001	104550000	0.372278	<i>SARDH</i>
11	104500001	104550000	0.372278	<i>DBH</i>
3	49700001	49750000	0.372261	<i>BCAR3</i>
1	2200001	2250000	0.372257	<i>IFNAR1</i>
1	2200001	2250000	0.372257	<i>IL10RB</i>
15	62425001	62475000	0.372247	<i>ELP4</i>
19	44000001	44050000	0.372235	<i>UBTF</i>
19	44000001	44050000	0.372235	<i>ATXN7L3</i>
19	44000001	44050000	0.372235	<i>TMUB2</i>
4	73075001	73125000	0.372227	<i>U6</i>
1	6225001	6275000	0.372191	<i>GRIK1</i>
22	300001	350000	0.372165	<i>UBE2D4</i>
18	12375001	12425000	0.372143	<i>FOXC2</i>
18	12375001	12425000	0.372143	<i>FOXL1</i>
23	48000001	48050000	0.372124	<i>SSR1</i>
23	48000001	48050000	0.372124	<i>RREB1</i>
28	8125001	8175000	0.372112	<i>TBCE</i>
24	325001	375000	0.372076	<i>PARD6G</i>
3	79825001	79875000	0.372067	<i>LEPR</i>
23	16800001	16850000	0.372059	<i>CUL9</i>
23	16800001	16850000	0.372059	<i>DNPH1</i>
5	47275001	47325000	0.372043	<i>GRIPI</i>
14	56375001	56425000	0.37199	<i>RSPO2</i>
19	38225001	38275000	0.371982	<i>SKAPI</i>
14	24600001	24650000	0.371972	<i>UBXN2B</i>
15	38500001	38550000	0.371946	<i>SPON1</i>
13	39225001	39275000	0.371945	<i>SLC24A3</i>
29	48250001	48300000	0.371871	<i>DHCR7</i>
16	49375001	49425000	0.371827	<i>TP73</i>
16	49375001	49425000	0.371827	<i>WRAP73</i>

16	49375001	49425000	0.371827	<i>TPRGIL</i>
8	6975001	7025000	0.371794	<i>GLRA3</i>
8	62075001	62125000	0.371757	<i>SHB</i>
13	40175001	40225000	0.371717	<i>RALGAPA2</i>
5	75625001	75675000	0.371714	<i>RAC2</i>
5	75625001	75675000	0.371714	<i>CIQTNF6</i>
5	75625001	75675000	0.371714	<i>SSTR3</i>
1	93825001	93875000	0.371668	<i>NLGN1</i>
2	43625001	43675000	0.371664	<i>FMNL2</i>
14	1275001	1325000	0.371663	<i>TOP1MT</i>
14	1275001	1325000	0.371663	<i>ZNF696</i>
14	1275001	1325000	0.371663	<i>GLI4</i>
22	6900001	6950000	0.371645	<i>CMTM6</i>
2	44350001	44400000	0.371644	<i>ARL5A</i>
6	94700001	94750000	0.371638	<i>ANTXR2</i>
8	76250001	76300000	0.371574	<i>RASEF</i>
8	76450001	76500000	0.371571	<i>FRMD3</i>
3	102000001	102050000	0.371564	<i>SLC6A9</i>
3	16425001	16475000	0.371531	<i>NUP210L</i>
3	16425001	16475000	0.371531	<i>CREB3L4</i>
3	16425001	16475000	0.371531	<i>JTB</i>
3	16425001	16475000	0.371531	<i>RAB13</i>
3	16425001	16475000	0.371531	<i>SLC39A1</i>
3	16425001	16475000	0.371531	<i>RPS27</i>
5	10250001	10300000	0.371512	<i>MYF5</i>
5	10250001	10300000	0.371512	<i>MYF6</i>
5	10250001	10300000	0.371512	<i>PTPRQ</i>
19	11125001	11175000	0.371464	<i>MED13</i>
19	11125001	11175000	0.371464	<i>INTS2</i>
15	62075001	62125000	0.371454	<i>DCDC1</i>
14	4575001	4625000	0.371436	<i>FAM135B</i>
5	110600001	110650000	0.37138	<i>CBX7</i>
3	35975001	36025000	0.37136	<i>NTNG1</i>
22	38400001	38450000	0.371358	<i>CADPS</i>
6	8225001	8275000	0.371288	<i>TRAMIL1</i>
29	49250001	49300000	0.371277	<i>TSPAN32</i>
19	22825001	22875000	0.371256	<i>SMYD4</i>
19	22825001	22875000	0.371256	<i>SERPINF1</i>
19	22825001	22875000	0.371256	<i>SERPINF2</i>
19	22825001	22875000	0.371256	<i>WDR81</i>
5	53650001	53700000	0.371188	<i>SLC16A7</i>
28	26675001	26725000	0.371174	<i>PALD1</i>
16	6700001	6750000	0.371133	<i>KCNT2</i>
3	35650001	35700000	0.371131	<i>VAV3</i>
19	30725001	30775000	0.371124	<i>MAP2K4</i>
3	104000001	104050000	0.3711	<i>FOXJ3</i>
3	104000001	104050000	0.3711	<i>GUCA2B</i>
3	104000001	104050000	0.3711	<i>GUCA2A</i>
10	27400001	27450000	0.371006	<i>OR4K14</i>
21	45875001	45925000	0.370991	<i>RALGAPA1</i>
5	67550001	67600000	0.370975	<i>TTC41</i>
16	45625001	45675000	0.37095	<i>CAMTA1</i>

22	54950001	55000000	0.370904	<i>SLC6A11</i>
22	41025001	41075000	0.37088	<i>FHIT</i>
8	76650001	76700000	0.370862	<i>FRMD3</i>
2	89125001	89175000	0.37086	<i>AOX1</i>
3	101700001	101750000	0.370813	<i>ER13</i>
20	65800001	65850000	0.370758	<i>ADCY2</i>
2	106250001	106300000	0.370695	<i>ARPC2</i>
2	106250001	106300000	0.370695	<i>AAMP</i>
2	106250001	106300000	0.370695	<i>GPBARI</i>
2	106250001	106300000	0.370695	<i>PNKD</i>
22	45125001	45175000	0.370687	<i>ERC2</i>
16	43475001	43525000	0.370676	<i>UBE4B</i>
7	11300001	11350000	0.370646	<i>PKN1</i>
7	11300001	11350000	0.370646	<i>DDX39A</i>
7	11300001	11350000	0.370646	<i>PTGER1</i>
3	117650001	117700000	0.370565	<i>TRAF3IP1</i>
18	10550001	10600000	0.370529	<i>WFDC1</i>
16	50750001	50800000	0.3705	<i>CFAP74</i>
15	57400001	57450000	0.370495	<i>SLC5A12</i>
18	15525001	15575000	0.370487	<i>NETO2</i>
18	15525001	15575000	0.370487	<i>ITFG1</i>
6	91050001	91100000	0.370453	<i>SCARB2</i>
12	61150001	61200000	0.370396	<i>HTATSF1</i>
28	33125001	33175000	0.370392	<i>KCNMA1</i>
22	45300001	45350000	0.370335	<i>ERC2</i>
28	25175001	25225000	0.370322	<i>DDX50</i>
28	25175001	25225000	0.370322	<i>DDX21</i>
14	39875001	39925000	0.370316	<i>ZFHX4</i>
14	35000001	35050000	0.370304	<i>EYA1</i>
7	12550001	12600000	0.370287	<i>NFIX</i>
2	61775001	61825000	0.370283	<i>R3HDM1</i>
2	61775001	61825000	0.370283	<i>U6</i>
21	45950001	46000000	0.370187	<i>RALGAPA1</i>
21	45950001	46000000	0.370187	<i>U6</i>
16	33125001	33175000	0.370141	<i>ZBTB18</i>
22	43525001	43575000	0.370129	<i>DENND6A</i>
6	30300001	30350000	0.37008	<i>SMARCA1</i>
6	30300001	30350000	0.37008	<i>HPGDS</i>
11	11850001	11900000	0.370036	<i>EXOC6B</i>
19	26875001	26925000	0.369986	<i>DLG4</i>
19	26875001	26925000	0.369986	<i>ASGR1</i>
19	26875001	26925000	0.369986	<i>ASGR2</i>
16	4550001	4600000	0.369984	<i>IL10</i>
16	38750001	38800000	0.369942	<i>FMO2</i>
18	25425001	25475000	0.369928	<i>CIAPIN1</i>
18	25425001	25475000	0.369928	<i>COQ9</i>
18	25425001	25475000	0.369928	<i>DOK4</i>
18	25425001	25475000	0.369928	<i>POLR2C</i>
29	28050001	28100000	0.369927	<i>PANX3</i>
29	28050001	28100000	0.369927	<i>OR8A1C</i>
14	23150001	23200000	0.369884	<i>LYN</i>
11	44900001	44950000	0.36985	<i>SULT1C3</i>

5	47225001	47275000	0.369808	<i>GRIP1</i>
20	25475001	25525000	0.369675	<i>NDUFS4</i>
23	11050001	11100000	0.369656	<i>PIM1</i>
19	28050001	28100000	0.369641	<i>NDEL1</i>
19	28050001	28100000	0.369641	<i>MYH10</i>
6	111800001	111850000	0.369502	<i>LDB2</i>
16	32425001	32475000	0.369485	<i>COX20</i>
19	20150001	20200000	0.369394	<i>FAM222B</i>
19	20150001	20200000	0.369394	<i>NEK8</i>
19	20150001	20200000	0.369394	<i>TRAF4</i>
19	20150001	20200000	0.369394	<i>TLCD1</i>
24	2575001	2625000	0.369358	<i>ZNF516</i>
16	6375001	6425000	0.36934	<i>KCNT2</i>
24	54625001	54675000	0.369311	<i>TCF4</i>
24	54625001	54675000	0.369311	<i>U2</i>
2	125100001	125150000	0.369301	<i>SESN2</i>
2	125100001	125150000	0.369301	<i>ATP5IF1</i>
17	6775001	6825000	0.369288	<i>LRBA</i>
3	49725001	49775000	0.369274	<i>BCAR3</i>
13	22875001	22925000	0.369269	<i>MLLT10</i>
5	17825001	17875000	0.36923	<i>CEP290</i>
5	17825001	17875000	0.36923	<i>C5H12orf29</i>
20	14325001	14375000	0.369209	<i>ADAMTS6</i>
11	98575001	98625000	0.369139	<i>FAM102A</i>
11	98575001	98625000	0.369139	<i>PIP5KLI</i>
11	98575001	98625000	0.369139	<i>ST6GALNAC4</i>
11	98575001	98625000	0.369139	<i>DPM2</i>
11	77900001	77950000	0.36912	<i>APOB</i>
3	51300001	51350000	0.36911	<i>BTBD8</i>
3	51300001	51350000	0.36911	<i>EPHX4</i>
4	80425001	80475000	0.369073	<i>SUGCT</i>
1	148700001	148750000	0.369058	<i>CLDN14</i>
1	42250001	42300000	0.369047	<i>GABRR3</i>
15	39800001	39850000	0.369011	<i>TEAD1</i>
8	65075001	65125000	0.368999	<i>ERP44</i>
15	52725001	52775000	0.368981	<i>P2RY2</i>
22	36725001	36775000	0.368922	<i>ADAMTS9</i>
28	17625001	17675000	0.36892	<i>CABCOCOI</i>
11	97475001	97525000	0.368873	<i>LMX1B</i>
1	146000001	146050000	0.368849	<i>PCNT</i>
22	60400001	60450000	0.368791	<i>TXNRD3</i>
22	60400001	60450000	0.368791	<i>C22H3orf22</i>
8	61825001	61875000	0.368758	<i>FRMPD1</i>
8	61825001	61875000	0.368758	<i>TRMT10B</i>
21	45500001	45550000	0.368729	<i>PRORP</i>
21	45500001	45550000	0.368729	<i>PSMA6</i>
23	37450001	37500000	0.36871	<i>E2F3</i>
10	88600001	88650000	0.368699	<i>VIPAS39</i>
10	88600001	88650000	0.368699	<i>NOXRED1</i>
10	88600001	88650000	0.368699	<i>AHSA1</i>
5	108800001	108850000	0.368689	<i>IL17RA</i>
5	108800001	108850000	0.368689	<i>HDHD5</i>

22	49325001	49375000	0.368676	<i>DCAFI</i>
22	49325001	49375000	0.368676	<i>RBM15B</i>
7	21825001	21875000	0.368662	<i>RAD50</i>
11	103675001	103725000	0.368643	<i>QSOX2</i>
11	103675001	103725000	0.368643	<i>LHX3</i>
18	36800001	36850000	0.368611	<i>WWP2</i>
18	36800001	36850000	0.368611	<i>NOB1</i>
18	36800001	36850000	0.368611	<i>U6</i>
20	42000001	42050000	0.368541	<i>DROSHA</i>
8	7650001	7700000	0.3685	<i>GATA4</i>
19	57925001	57975000	0.368484	<i>SDK2</i>
5	111675001	111725000	0.368454	<i>SGSM3</i>
5	111675001	111725000	0.368454	<i>ADSL</i>
5	111250001	111300000	0.36845	<i>GRAP2</i>
5	111250001	111300000	0.36845	<i>ENTHD1</i>
11	77875001	77925000	0.368342	<i>APOB</i>
11	375001	425000	0.368299	<i>MERTK</i>
7	12600001	12650000	0.368273	<i>FARSA</i>
7	12600001	12650000	0.368273	<i>SYCE2</i>
7	12600001	12650000	0.368273	<i>RAD23A</i>
7	12600001	12650000	0.368273	<i>CALR</i>
7	12600001	12650000	0.368273	<i>GADD45GIP1</i>
14	36875001	36925000	0.368252	<i>STAU2</i>
19	19125001	19175000	0.368252	<i>KSR1</i>
14	10300001	10350000	0.368233	<i>ASAPI</i>
3	120550001	120600000	0.368216	<i>FARP2</i>
3	42325001	42375000	0.36821	<i>SLC30A7</i>
3	42325001	42375000	0.36821	<i>U6</i>
28	15550001	15600000	0.368146	<i>CCDC6</i>
7	42875001	42925000	0.368137	<i>OR2AZ3</i>
19	40850001	40900000	0.368073	<i>KRT222</i>
19	40850001	40900000	0.368073	<i>SMARCE1</i>
24	61725001	61775000	0.368066	<i>SERPINB5</i>
23	16775001	16825000	0.367978	<i>CUL9</i>
23	16775001	16825000	0.367978	<i>SRF</i>
23	16775001	16825000	0.367978	<i>DNPH1</i>
3	20000001	20050000	0.367942	<i>HORMAD1</i>
3	20000001	20050000	0.367942	<i>GOLPH3L</i>
3	20000001	20050000	0.367942	<i>CTSS</i>
19	52000001	52050000	0.367921	<i>ENDOV</i>
19	52000001	52050000	0.367921	<i>RPTOR</i>
11	45700001	45750000	0.367902	<i>UXS1</i>
8	99950001	100000000	0.36788	<i>SVEPI</i>
19	22800001	22850000	0.36788	<i>WDR81</i>
19	22800001	22850000	0.36788	<i>SERPINF2</i>
19	22800001	22850000	0.36788	<i>TLCD2</i>
19	22800001	22850000	0.36788	<i>SERPINF1</i>
19	22800001	22850000	0.36788	<i>MIR22</i>
28	3700001	3750000	0.367851	<i>ARV1</i>
28	3700001	3750000	0.367851	<i>TTC13</i>
18	50425001	50475000	0.367824	<i>HNRNPUL1</i>
18	50425001	50475000	0.367824	<i>AXL</i>

5	5850001	5900000	0.367808	<i>OSBPL8</i>
7	90800001	90850000	0.367766	<i>ARRDC3</i>
13	78525001	78575000	0.367731	<i>PTPNI</i>
19	32800001	32850000	0.367726	<i>TEKT3</i>
9	81800001	81850000	0.367706	<i>UTRN</i>
4	59875001	59925000	0.367672	<i>ELMO1</i>
4	7400001	7450000	0.367653	<i>ABCA13</i>
28	41450001	41500000	0.367645	<i>BMPRIA</i>
20	53675001	53725000	0.367554	<i>CDHI8</i>
29	12725001	12775000	0.367518	<i>PRCP</i>
29	12725001	12775000	0.367518	<i>DDIAS</i>
27	35050001	35100000	0.367516	<i>IDO2</i>
20	25400001	25450000	0.367514	<i>NDUFS4</i>
3	117675001	117725000	0.367503	<i>TRAF3IP1</i>
3	117675001	117725000	0.367503	<i>ASB1</i>
3	116550001	116600000	0.367463	<i>COPS8</i>
15	63950001	64000000	0.367452	<i>HIPK3</i>
15	63950001	64000000	0.367452	<i>KIAA1549L</i>
29	49375001	49425000	0.367315	<i>IGF2</i>
29	49375001	49425000	0.367315	<i>TH</i>
29	49375001	49425000	0.367315	<i>INS</i>
9	15500001	15550000	0.367251	<i>MYO6</i>
5	47575001	47625000	0.367239	<i>IRAK3</i>
5	104625001	104675000	0.367223	<i>ANO2</i>
29	49950001	50000000	0.367165	<i>DUSP8</i>
29	49950001	50000000	0.367165	<i>MOB2</i>
3	40525001	40575000	0.367136	<i>COL11A1</i>
15	53500001	53550000	0.367097	<i>C2CD3</i>
17	6800001	6850000	0.367082	<i>LRBA</i>
28	44200001	44250000	0.367081	<i>MARCHF8</i>
28	44200001	44250000	0.367081	<i>ZFAND4</i>
3	120225001	120275000	0.367078	<i>CROCC2</i>
4	5200001	5250000	0.366981	<i>GRB10</i>
7	43750001	43800000	0.366979	<i>PWWP3A</i>
4	76700001	76750000	0.366964	<i>ZMIZ2</i>
4	76700001	76750000	0.366964	<i>PPIA</i>
4	76700001	76750000	0.366964	<i>H2AZ2</i>
2	5775001	5825000	0.36695	<i>NEMP2</i>
2	5775001	5825000	0.36695	<i>MFS6</i>
8	16275001	16325000	0.366913	<i>LINGO2</i>
4	80675001	80725000	0.366879	<i>SUGCT</i>
5	11225001	11275000	0.366811	<i>PPFIA2</i>
7	89900001	89950000	0.366806	<i>CETN3</i>
15	45250001	45300000	0.366727	<i>SYT9</i>
15	45250001	45300000	0.366727	<i>OLFML1</i>
19	49900001	49950000	0.366724	<i>TBCD</i>
19	49900001	49950000	0.366724	<i>FN3KRP</i>
19	49900001	49950000	0.366724	<i>SNORA73</i>
28	24775001	24825000	0.366654	<i>RUFY2</i>
28	24775001	24825000	0.366654	<i>DNA2</i>
4	12200001	12250000	0.366649	<i>PPP1R9A</i>
6	112075001	112125000	0.366639	<i>LDB2</i>

13	61775001	61825000	0.366621	<i>ASXL1</i>
13	61775001	61825000	0.366621	<i>KIF3B</i>
8	61700001	61750000	0.366571	<i>FRMPD1</i>
15	40700001	40750000	0.366516	<i>DKK3</i>
15	40700001	40750000	0.366516	<i>USP47</i>
3	25775001	25825000	0.366491	<i>MANIA2</i>
19	12200001	12250000	0.366427	<i>BCAS3</i>
1	153225001	153275000	0.366425	<i>DPH3</i>
1	153225001	153275000	0.366425	<i>GALNT15</i>
1	153225001	153275000	0.366425	<i>OXNAD1</i>
13	62575001	62625000	0.366384	<i>BPIFA2C</i>
8	72850001	72900000	0.366383	<i>CDCA2</i>
5	109100001	109150000	0.366355	<i>BCL2L13</i>
5	109100001	109150000	0.366355	<i>BID</i>
22	44975001	45025000	0.366342	<i>ERC2</i>
15	51750001	51800000	0.36629	<i>FOLR1</i>
15	51750001	51800000	0.36629	<i>FOLR3</i>
22	41400001	41450000	0.366287	<i>FHIT</i>
19	33425001	33475000	0.366278	<i>TTC19</i>
19	33425001	33475000	0.366278	<i>NCOR1</i>
19	33425001	33475000	0.366278	<i>ZSWIM7</i>
20	53650001	53700000	0.366242	<i>CDH18</i>
28	44625001	44675000	0.366239	<i>TMEM72</i>
28	44625001	44675000	0.366239	<i>RASSF4</i>
22	44125001	44175000	0.366197	<i>ARHGEF3</i>
19	38800001	38850000	0.366178	<i>NPEPPS</i>
16	33100001	33150000	0.366137	<i>ZBTB18</i>
14	26425001	26475000	0.366073	<i>CHD7</i>
2	8825001	8875000	0.366058	<i>TFPI</i>
12	19350001	19400000	0.366039	<i>SPRYD7</i>
28	8175001	8225000	0.366033	<i>B3GALNT2</i>
28	8175001	8225000	0.366033	<i>TBCE</i>
2	126825001	126875000	0.366021	<i>CEP85</i>
2	126825001	126875000	0.366021	<i>UBXN11</i>
2	126825001	126875000	0.366021	<i>SH3BGRL3</i>
7	42825001	42875000	0.366011	<i>OR2AV11</i>
16	65125001	65175000	0.365982	<i>TSEN15</i>
16	3350001	3400000	0.365932	<i>ELK4</i>
16	3350001	3400000	0.365932	<i>MFSD4A</i>
15	40325001	40375000	0.365924	<i>PARVA</i>
15	40325001	40375000	0.365924	<i>MICAL2</i>
5	112650001	112700000	0.36588	<i>PMM1</i>
5	112650001	112700000	0.36588	<i>DESII</i>
5	112650001	112700000	0.36588	<i>CSDC2</i>
2	125825001	125875000	0.365876	<i>WASF2</i>
5	47925001	47975000	0.365876	<i>HMGA2</i>
2	125825001	125875000	0.365876	<i>U6</i>
22	49450001	49500000	0.365851	<i>DOCK3</i>
19	28700001	28750000	0.365841	<i>STX8</i>
22	47150001	47200000	0.365841	<i>CACNA1D</i>
22	47150001	47200000	0.365841	<i>CHDH</i>
4	11950001	12000000	0.365793	<i>SGCE</i>

13	17450001	17500000	0.365763	<i>IL2RA</i>
18	2350001	2400000	0.365742	<i>ZNRFI</i>
5	104325001	104375000	0.365634	<i>VWF</i>
5	104325001	104375000	0.365634	<i>ANO2</i>
14	32600001	32650000	0.365569	<i>C14H8orf34</i>
25	20775001	20825000	0.365543	<i>USP31</i>
16	3525001	3575000	0.365536	<i>SLC41A1</i>
1	1675001	1725000	0.365528	<i>ITSN1</i>
14	38825001	38875000	0.365524	<i>HNFB4G</i>
19	27250001	27300000	0.365471	<i>TNFSF12</i>
19	27250001	27300000	0.365471	<i>SENP3</i>
19	27250001	27300000	0.365471	<i>TNFSF13</i>
12	19500001	19550000	0.365453	<i>MIR15A</i>
8	29050001	29100000	0.365427	<i>TTC39B</i>
19	38925001	38975000	0.365412	<i>MRPL45</i>
19	38925001	38975000	0.365412	<i>NPEPPS</i>
1	156750001	156800000	0.365386	<i>KCNH8</i>
3	36300001	36350000	0.365369	<i>PRMT6</i>
5	77700001	77750000	0.365365	<i>BICD1</i>
27	34875001	34925000	0.365364	<i>ADAM18</i>
25	3575001	3625000	0.365323	<i>DNAJA3</i>
25	3575001	3625000	0.365323	<i>NMRAL1</i>
2	5750001	5800000	0.365304	<i>NEMP2</i>
19	24950001	25000000	0.365297	<i>SPNS3</i>
19	24950001	25000000	0.365297	<i>SPNS2</i>
1	146075001	146125000	0.365215	<i>PCNT</i>
1	146075001	146125000	0.365215	<i>DIP2A</i>
18	54225001	54275000	0.365201	<i>SAE1</i>
18	54225001	54275000	0.365201	<i>CCDC9</i>
18	54225001	54275000	0.365201	<i>BBC3</i>
5	77875001	77925000	0.365188	<i>RESF1</i>
3	36125001	36175000	0.365126	<i>NTNG1</i>
10	58025001	58075000	0.36511	<i>MYO5A</i>
10	58025001	58075000	0.36511	<i>MYO5C</i>
13	57100001	57150000	0.36503	<i>ZNF831</i>
5	11275001	11325000	0.364967	<i>PPFIA2</i>
6	112100001	112150000	0.364965	<i>LDB2</i>
8	90250001	90300000	0.364961	<i>TMEFF1</i>
1	143950001	144000000	0.364917	<i>AGPAT3</i>
1	107525001	107575000	0.364884	<i>SCHIP1</i>
1	146250001	146300000	0.36483	<i>S100B</i>
4	69675001	69725000	0.364827	<i>CBX3</i>
15	77725001	77775000	0.364825	<i>PTPRJ</i>
28	25075001	25125000	0.364821	<i>CCAR1</i>
28	25075001	25125000	0.364821	<i>STOX1</i>
19	10800001	10850000	0.364793	<i>TUBD1</i>
19	10800001	10850000	0.364793	<i>RPS6KB1</i>
19	10800001	10850000	0.364793	<i>VMPI</i>
19	10800001	10850000	0.364793	<i>MIR21</i>
5	58825001	58875000	0.364786	<i>OR6C1N</i>
29	50400001	50450000	0.364751	<i>AP2A2</i>
12	29200001	29250000	0.364726	<i>RXFP2</i>

8	69350001	69400000	0.364712	<i>DMTN</i>
8	69350001	69400000	0.364712	<i>FGF17</i>
8	69350001	69400000	0.364712	<i>NPM2</i>
22	48075001	48125000	0.364673	<i>ITIH1</i>
22	48075001	48125000	0.364673	<i>ITIH3</i>
22	48075001	48125000	0.364673	<i>ITIH4</i>
22	48075001	48125000	0.364673	<i>NEK4</i>
2	22600001	22650000	0.364617	<i>OLA1</i>
7	48450001	48500000	0.364541	<i>SPOCK1</i>
16	6550001	6600000	0.364469	<i>KCNT2</i>
14	33950001	34000000	0.364464	<i>NCOA2</i>
4	11975001	12025000	0.364457	<i>SGCE</i>
16	49450001	49500000	0.364446	<i>MEGF6</i>
19	44025001	44075000	0.364425	<i>UBTF</i>
19	44025001	44075000	0.364425	<i>SLC4A1</i>
15	50950001	51000000	0.364394	<i>RRM1</i>
15	50950001	51000000	0.364394	<i>OR55B1</i>
5	109125001	109175000	0.364383	<i>BID</i>
5	109125001	109175000	0.364383	<i>MICAL3</i>
5	109125001	109175000	0.364383	<i>BCL2L13</i>
4	67575001	67625000	0.364367	<i>CREB5</i>
14	35125001	35175000	0.364321	<i>EYA1</i>
21	28075001	28125000	0.364309	<i>FAM189A1</i>
21	28075001	28125000	0.364309	<i>APBA2</i>
20	325001	375000	0.36424	<i>PANK3</i>
29	48225001	48275000	0.364175	<i>ACTE1</i>
16	41950001	42000000	0.364159	<i>DRAXIN</i>
16	41950001	42000000	0.364159	<i>MAD2L2</i>
22	48500001	48550000	0.364154	<i>DNAH1</i>
3	101450001	101500000	0.364151	<i>RNF220</i>
2	47425001	47475000	0.364111	<i>EPC2</i>
8	90225001	90275000	0.364083	<i>TMEFF1</i>
11	11700001	11750000	0.364021	<i>EXOC6B</i>
19	44525001	44575000	0.364	<i>GJC1</i>
19	44525001	44575000	0.364	<i>EFTUD2</i>
19	44525001	44575000	0.364	<i>HIGD1B</i>
18	11575001	11625000	0.363992	<i>GSE1</i>
19	38875001	38925000	0.363936	<i>NPEPPS</i>
15	80875001	80925000	0.363936	<i>ZDHHC5</i>
15	80875001	80925000	0.363936	<i>YPEL4</i>
15	80875001	80925000	0.363936	<i>CLPI</i>
5	47150001	47200000	0.363903	<i>GRIP1</i>
2	89150001	89200000	0.363901	<i>AOX1</i>
15	79125001	79175000	0.363809	<i>OR8K67</i>
15	79125001	79175000	0.363809	<i>OR8K3B</i>
19	42850001	42900000	0.363776	<i>AOC2</i>
19	42850001	42900000	0.363776	<i>PSME3</i>
19	42850001	42900000	0.363776	<i>AOC3</i>
19	42850001	42900000	0.363776	<i>SAO</i>
19	42850001	42900000	0.363776	<i>U6</i>
8	80150001	80200000	0.363769	<i>SNORA70</i>
3	120350001	120400000	0.363747	<i>PPP1R7</i>

3	120350001	120400000	0.363747	<i>PASK</i>
19	52075001	52125000	0.363699	<i>ENDOV</i>
8	76750001	76800000	0.363648	<i>FRMD3</i>
2	22800001	22850000	0.36363	<i>SP3</i>
13	22900001	22950000	0.363536	<i>MLLT10</i>
19	33825001	33875000	0.363534	<i>ULK2</i>
23	18825001	18875000	0.363527	<i>RUNX2</i>
5	53675001	53725000	0.363522	<i>SLC16A7</i>
10	58050001	58100000	0.363508	<i>MYO5C</i>
8	72825001	72875000	0.363485	<i>CDCA2</i>
22	60225001	60275000	0.363484	<i>PLXNA1</i>
2	125850001	125900000	0.363477	<i>WASF2</i>
2	125850001	125900000	0.363477	<i>GPR3</i>
2	125850001	125900000	0.363477	<i>U6</i>
6	21875001	21925000	0.363472	<i>SLC9B1</i>
5	105100001	105150000	0.363407	<i>KCNA5</i>
5	77500001	77550000	0.363337	<i>BICD1</i>
19	47400001	47450000	0.363201	<i>TANC2</i>
22	35050001	35100000	0.363166	<i>SLC25A26</i>
22	35050001	35100000	0.363166	<i>LRIG1</i>
18	51850001	51900000	0.36315	<i>PLAUR</i>
18	51850001	51900000	0.36315	<i>CADM4</i>
20	450001	500000	0.363096	<i>SLIT3</i>
17	19475001	19525000	0.363084	<i>SLC7A11</i>
20	30050001	30100000	0.36305	<i>MRPS30</i>
19	39150001	39200000	0.363014	<i>SRCIN1</i>
18	14350001	14400000	0.362947	<i>ANKRD11</i>
22	49575001	49625000	0.362878	<i>DOCK3</i>
2	125775001	125825000	0.362864	<i>WASF2</i>
2	125775001	125825000	0.362864	<i>AHDC1</i>
22	37250001	37300000	0.36286	<i>PRICKLE2</i>
8	91275001	91325000	0.362843	<i>RNF20</i>
8	91275001	91325000	0.362843	<i>GRIN3A</i>
4	80475001	80525000	0.362812	<i>SUGCT</i>
3	120300001	120350000	0.362803	<i>SNED1</i>
3	120300001	120350000	0.362803	<i>PASK</i>
3	120300001	120350000	0.362803	<i>MTERF4</i>
3	94125001	94175000	0.362799	<i>ZFYVE9</i>
8	8100001	8150000	0.362708	<i>XKR6</i>
8	11000001	11050000	0.362705	<i>CCDC25</i>
8	11000001	11050000	0.362705	<i>ESCO2</i>
18	23200001	23250000	0.362685	<i>IRX5</i>
14	69450001	69500000	0.362669	<i>INTS8</i>
14	69450001	69500000	0.362669	<i>CCNE2</i>
15	79350001	79400000	0.362609	<i>OR8K62</i>
15	79350001	79400000	0.362609	<i>OR8K65P</i>
5	113150001	113200000	0.362489	<i>TCF20</i>
8	6275001	6325000	0.36248	<i>U6</i>
20	3750001	3800000	0.362462	<i>FBXW11</i>
3	500001	550000	0.362462	<i>GPR161</i>
6	110525001	110575000	0.362458	<i>CIQTNF7</i>
19	39075001	39125000	0.362451	<i>ARHGAP23</i>

16	49425001	49475000	0.362442	<i>MEGF6</i>
10	82275001	82325000	0.362438	<i>TTC9</i>
11	11650001	11700000	0.362427	<i>EXOC6B</i>
4	119375001	119425000	0.362398	<i>NCAPG2</i>
20	14800001	14850000	0.362358	<i>RGS7BP</i>
16	39900001	39950000	0.362346	<i>C16H1orf105</i>
16	39900001	39950000	0.362346	<i>DNM3</i>
16	39900001	39950000	0.362346	<i>PIGC</i>
12	29175001	29225000	0.36226	<i>RXFP2</i>
28	44350001	44400000	0.362248	<i>ALOX5</i>
22	46600001	46650000	0.362209	<i>CACNA2D3</i>
3	25350001	25400000	0.362147	<i>GDAP2</i>
15	76850001	76900000	0.362119	<i>CSTPP1</i>
8	78025001	78075000	0.362099	<i>NTRK2</i>
25	28300001	28350000	0.362089	<i>TMEM248</i>
5	104300001	104350000	0.362069	<i>VWF</i>
17	6950001	7000000	0.362025	<i>LRBA</i>
21	67675001	67725000	0.361929	<i>CDC42BPB</i>
16	71700001	71750000	0.361907	<i>LPGAT1</i>
6	67625001	67675000	0.361906	<i>CWH43</i>
19	25300001	25350000	0.361863	<i>PITPNM3</i>
8	8975001	9025000	0.361811	<i>MSRA</i>
14	37250001	37300000	0.361806	<i>LY96</i>
23	16525001	16575000	0.361779	<i>CNPY3</i>
23	16525001	16575000	0.361779	<i>PTCRA</i>
23	16525001	16575000	0.361779	<i>GNMT</i>
11	150001	200000	0.361775	<i>ZC3H6</i>
19	11075001	11125000	0.36172	<i>MED13</i>
14	33450001	33500000	0.361704	<i>SULF1</i>
14	33450001	33500000	0.361704	<i>SLCO5A1</i>
29	28075001	28125000	0.36169	<i>TBRG1</i>
29	28075001	28125000	0.36169	<i>SIAE</i>
29	28075001	28125000	0.36169	<i>PANX3</i>
2	18400001	18450000	0.361655	<i>PLEKHA3</i>
2	18400001	18450000	0.361655	<i>PRKRA</i>
2	18400001	18450000	0.361655	<i>FKBP7</i>
2	18400001	18450000	0.361655	<i>PJKK</i>
2	26375001	26425000	0.361646	<i>UBR3</i>
28	17550001	17600000	0.361638	<i>CABCOC01</i>
29	26675001	26725000	0.361615	<i>OR10G9E</i>
21	24975001	25025000	0.36151	<i>BTBD1</i>
13	73675001	73725000	0.361509	<i>SDC4</i>
13	73675001	73725000	0.361509	<i>SYS1</i>
13	73675001	73725000	0.361509	<i>TP53TG5</i>
22	45175001	45225000	0.361477	<i>ERC2</i>
15	40600001	40650000	0.361475	<i>MICAL2</i>
22	45150001	45200000	0.361452	<i>ERC2</i>
22	6325001	6375000	0.36145	<i>OSBPL10</i>
4	69750001	69800000	0.361444	<i>NFE2L3</i>
18	11200001	11250000	0.361424	<i>CIBAR2</i>
15	62050001	62100000	0.3614	<i>DCDC1</i>
13	1575001	1625000	0.361389	<i>PLCB1</i>

10	75050001	75100000	0.36137	<i>KCNH5</i>
8	99850001	99900000	0.361272	<i>TXNDC8</i>
18	2750001	2800000	0.361266	<i>BCNT2</i>
18	2750001	2800000	0.361266	<i>CFDP2</i>
16	73100001	73150000	0.361263	<i>SERTAD4</i>
5	111550001	111600000	0.361251	<i>TNRC6B</i>
4	80725001	80775000	0.361239	<i>SUGCT</i>
13	11475001	11525000	0.361231	<i>CCDC3</i>
21	46050001	46100000	0.361225	<i>BRMS1L</i>
7	31000001	31050000	0.361215	<i>SNX2</i>
6	110550001	110600000	0.361145	<i>CIQTNF7</i>
15	43075001	43125000	0.36112	<i>WEE1</i>
15	43075001	43125000	0.36112	<i>ZNF143</i>
15	43075001	43125000	0.36112	<i>U6</i>
19	37775001	37825000	0.361103	<i>HOXB13</i>
5	108900001	108950000	0.361101	<i>CECR2</i>
15	53900001	53950000	0.361088	<i>POLD3</i>
19	27775001	27825000	0.360975	<i>PER1</i>
19	27775001	27825000	0.360975	<i>VAMP2</i>
19	27775001	27825000	0.360975	<i>TMEM107</i>
19	27775001	27825000	0.360975	<i>U8</i>
1	88150001	88200000	0.360931	<i>KCNMB2</i>
6	31300001	31350000	0.360926	<i>GRID2</i>
19	38600001	38650000	0.360923	<i>OSBPL7</i>
19	38600001	38650000	0.360923	<i>MRPL10</i>
19	38600001	38650000	0.360923	<i>LRRC46</i>
19	38600001	38650000	0.360923	<i>SCRN2</i>
19	38600001	38650000	0.360923	<i>SP6</i>
19	27025001	27075000	0.360901	<i>KCTD11</i>
19	27025001	27075000	0.360901	<i>NEURL4</i>
19	27025001	27075000	0.360901	<i>TNK1</i>
19	27025001	27075000	0.360901	<i>PLSCR3</i>
19	27025001	27075000	0.360901	<i>TMEM95</i>
5	110850001	110900000	0.360897	<i>MGAT3</i>
5	110850001	110900000	0.360897	<i>TAB1</i>
21	44925001	44975000	0.360888	<i>EAPP</i>
21	44925001	44975000	0.360888	<i>U1</i>
21	44925001	44975000	0.360888	<i>U1</i>
21	44925001	44975000	0.360888	<i>U1</i>
7	14675001	14725000	0.360824	<i>DNMT1</i>
7	14675001	14725000	0.360824	<i>EIF3G</i>
5	77475001	77525000	0.360822	<i>BICD1</i>
3	18275001	18325000	0.360722	<i>CRNN</i>
2	61650001	61700000	0.360691	<i>R3HDM1</i>
2	61650001	61700000	0.360691	<i>MIR128-1</i>
6	88600001	88650000	0.36067	<i>RASSF6</i>
15	38475001	38525000	0.360666	<i>SPON1</i>
24	56825001	56875000	0.360651	<i>NARS1</i>
24	56825001	56875000	0.360651	<i>ATP8B1</i>
24	56825001	56875000	0.360651	<i>U6</i>
11	19425001	19475000	0.360648	<i>HEATR5B</i>
8	90750001	90800000	0.360623	<i>PLPPR1</i>

3	525001	575000	0.360614	<i>GPR161</i>
3	525001	575000	0.360614	<i>DCAF6</i>
11	78150001	78200000	0.360513	<i>LDAH</i>
11	69300001	69350000	0.360507	<i>LCLAT1</i>
18	15700001	15750000	0.360494	<i>ITFG1</i>
4	119500001	119550000	0.36047	<i>DYNC2II</i>
4	119500001	119550000	0.36047	<i>ESYT2</i>
4	119525001	119575000	0.360429	<i>DYNC2II</i>
15	58050001	58100000	0.360314	<i>CCDC34</i>
15	58050001	58100000	0.360314	<i>LGR4</i>
1	146225001	146275000	0.360294	<i>DIP2A</i>
1	146225001	146275000	0.360294	<i>S100B</i>
2	124900001	124950000	0.360241	<i>PHACTR4</i>
2	124900001	124950000	0.360241	<i>RCCI</i>
2	124900001	124950000	0.360241	<i>SNORA73</i>
2	124900001	124950000	0.360241	<i>SNORA73</i>
2	124900001	124950000	0.360241	<i>SNORA73</i>
2	18350001	18400000	0.360188	<i>PLEKHA3</i>
8	65100001	65150000	0.360152	<i>ERP44</i>
8	65100001	65150000	0.360152	<i>INVS</i>
6	91025001	91075000	0.360147	<i>SCARB2</i>
6	91025001	91075000	0.360147	<i>NUP54</i>
19	27600001	27650000	0.36013	<i>CNTROB</i>
19	27600001	27650000	0.36013	<i>KCNAB3</i>
19	27600001	27650000	0.36013	<i>TRAPPC1</i>
15	40425001	40475000	0.360117	<i>MICAL2</i>
11	12675001	12725000	0.360085	<i>U6</i>
7	21775001	21825000	0.360079	<i>RAD50</i>
23	16600001	16650000	0.360034	<i>PPP2R5D</i>
23	16600001	16650000	0.360034	<i>PEX6</i>
18	10575001	10625000	0.360007	<i>ATP2C2</i>
18	10575001	10625000	0.360007	<i>WFDC1</i>
16	41900001	41950000	0.360006	<i>AGTRAP</i>
5	10225001	10275000	0.360001	<i>PTPRQ</i>
5	10225001	10275000	0.360001	<i>U6</i>
22	51650001	51700000	0.359992	<i>CDC25A</i>
22	51650001	51700000	0.359992	<i>CATHL6</i>
22	51650001	51700000	0.359992	<i>CATHL5</i>
16	3000001	3050000	0.359983	<i>TMCC2</i>
13	32025001	32075000	0.359961	<i>HACD1</i>
1	2700001	2750000	0.359946	<i>CIH21orf62</i>
1	142625001	142675000	0.359935	<i>TMPRSS3</i>
1	142625001	142675000	0.359935	<i>TFF1</i>
15	28550001	28600000	0.359934	<i>TMPRSS13</i>
13	17800001	17850000	0.359919	<i>ABII</i>
13	17800001	17850000	0.359919	<i>ACBD5</i>
29	49575001	49625000	0.359875	<i>LSPI</i>
29	49575001	49625000	0.359875	<i>TNNT3</i>
29	49575001	49625000	0.359875	<i>PRR33</i>
21	65075001	65125000	0.359871	<i>DEGS2</i>
21	65075001	65125000	0.359871	<i>EVL</i>
20	35400001	35450000	0.359856	<i>RICTOR</i>

6	5850001	5900000	0.359824	<i>PDE5A</i>
28	24800001	24850000	0.359781	<i>DNA2</i>
28	24800001	24850000	0.359781	<i>RUFY2</i>
28	24800001	24850000	0.359781	<i>U6</i>
19	27725001	27775000	0.359756	<i>ALOXE3</i>
19	27725001	27775000	0.359756	<i>ALOX12B</i>
19	27725001	27775000	0.359756	<i>HES7</i>
19	27725001	27775000	0.359756	<i>U6</i>
2	9675001	9725000	0.359691	<i>ITGAV</i>
28	29050001	29100000	0.359613	<i>P4HA1</i>
20	33750001	33800000	0.359612	<i>PTGER4</i>
22	49525001	49575000	0.359611	<i>DOCK3</i>
19	47700001	47750000	0.359553	<i>TANC2</i>
28	3750001	3800000	0.359506	<i>FAM89A</i>
14	34125001	34175000	0.359494	<i>U6</i>
22	41500001	41550000	0.359488	<i>FHIT</i>
4	119625001	119675000	0.359453	<i>VIPR2</i>
20	15225001	15275000	0.359434	<i>RNF180</i>
22	48000001	48050000	0.359375	<i>TMEM110</i>
13	17225001	17275000	0.359373	<i>PFKFB3</i>
22	34050001	34100000	0.359323	<i>SUCLG2</i>
2	47525001	47575000	0.359311	<i>EPC2</i>
2	47525001	47575000	0.359311	<i>U6</i>
16	64675001	64725000	0.359277	<i>ARPC5</i>
16	64675001	64725000	0.359277	<i>APOBEC4</i>
3	120325001	120375000	0.359244	<i>PASK</i>
3	120325001	120375000	0.359244	<i>MTERF4</i>
3	120325001	120375000	0.359244	<i>PPP1R7</i>
19	51125001	51175000	0.359219	<i>HGS</i>
19	51125001	51175000	0.359219	<i>CCDC137</i>
19	51125001	51175000	0.359219	<i>TSPAN10</i>
19	51125001	51175000	0.359219	<i>NPLOC4</i>
19	51125001	51175000	0.359219	<i>OXL1</i>
19	51125001	51175000	0.359219	<i>PDE6G</i>
19	51125001	51175000	0.359219	<i>ARL16</i>
1	144075001	144125000	0.359209	<i>TRAPPC10</i>
2	107225001	107275000	0.3592	<i>PTPRN</i>
2	107225001	107275000	0.3592	<i>DNAJB2</i>
2	107225001	107275000	0.3592	<i>RESP18</i>
1	152450001	152500000	0.359199	<i>COLQ</i>
1	152450001	152500000	0.359199	<i>EAF1</i>
1	152450001	152500000	0.359199	<i>METTL6</i>
19	33350001	33400000	0.359184	<i>NCOR1</i>
5	103975001	104025000	0.359182	<i>SCNN1A</i>
5	103975001	104025000	0.359182	<i>LTBR</i>
5	103975001	104025000	0.359182	<i>TNFRSF1A</i>
2	27200001	27250000	0.359144	<i>ABCB11</i>
2	27200001	27250000	0.359144	<i>G6PC2</i>
2	27200001	27250000	0.359144	<i>SPC25</i>
14	36250001	36300000	0.359138	<i>KCNB2</i>
28	3725001	3775000	0.359131	<i>FAM89A</i>
28	3725001	3775000	0.359131	<i>ARV1</i>

19	37950001	38000000	0.359075	<i>HOXB1</i>
20	3725001	3775000	0.359035	<i>FBXW11</i>
29	12700001	12750000	0.359032	<i>PRCP</i>
29	12700001	12750000	0.359032	<i>DDIAS</i>
18	46425001	46475000	0.358938	<i>KMT2B</i>
18	46425001	46475000	0.358938	<i>LIN37</i>
18	46425001	46475000	0.358938	<i>PROSER3</i>
18	46425001	46475000	0.358938	<i>ZBTB32</i>
18	46425001	46475000	0.358938	<i>IGFLR1</i>
18	46425001	46475000	0.358938	<i>HSPB6</i>
18	46425001	46475000	0.358938	<i>U2AFIL4</i>
18	46425001	46475000	0.358938	<i>PSENNEN</i>
3	105975001	106025000	0.358936	<i>PPT1</i>
4	59950001	60000000	0.358934	<i>ELMO1</i>
8	62650001	62700000	0.358914	<i>TDRD7</i>
2	61700001	61750000	0.358804	<i>R3HDM1</i>
29	26600001	26650000	0.358781	<i>OR10G6</i>
29	26600001	26650000	0.358781	<i>OR8B72</i>
29	26600001	26650000	0.358781	<i>OR10S1</i>
29	26600001	26650000	0.358781	<i>OR10G9G</i>
29	26600001	26650000	0.358781	<i>SNORA71</i>
1	148725001	148775000	0.358703	<i>CLDN14</i>
18	11550001	11600000	0.358701	<i>GSE1</i>
13	22700001	22750000	0.358665	<i>SKIDA1</i>
13	22700001	22750000	0.358665	<i>MLLT10</i>
20	13975001	14025000	0.358605	<i>CENPK</i>
20	13975001	14025000	0.358605	<i>PPWD1</i>
22	33875001	33925000	0.358521	<i>SUCLG2</i>
24	275001	325000	0.358495	<i>OR5W29P</i>
14	24575001	24625000	0.35846	<i>UBXN2B</i>
8	71550001	71600000	0.3584	<i>ADAM28</i>
8	71550001	71600000	0.3584	<i>ADAMDECI</i>
19	52500001	52550000	0.358371	<i>CCDC40</i>
19	52500001	52550000	0.358371	<i>TBC1D16</i>
13	17350001	17400000	0.358359	<i>PFKFB3</i>
1	153250001	153300000	0.358355	<i>OXNAD1</i>
1	153250001	153300000	0.358355	<i>DPH3</i>
16	50800001	50850000	0.358337	<i>CFAP74</i>
16	50800001	50850000	0.358337	<i>TMEM52</i>
16	50800001	50850000	0.358337	<i>U6</i>
10	36675001	36725000	0.358323	<i>EXD1</i>
10	36675001	36725000	0.358323	<i>CHP1</i>
7	14500001	14550000	0.358322	<i>OLFM2</i>
7	14500001	14550000	0.358322	<i>COL5A3</i>
24	54600001	54650000	0.358315	<i>TCF4</i>
8	8850001	8900000	0.358296	<i>MSRA</i>
16	43375001	43425000	0.358275	<i>UBE4B</i>
28	8100001	8150000	0.358268	<i>TBCE</i>
8	7100001	7150000	0.358255	<i>GLRA3</i>
3	21325001	21375000	0.358228	<i>HJV</i>
3	21325001	21375000	0.358228	<i>UI</i>
3	21325001	21375000	0.358228	<i>UI</i>

11	11675001	11725000	0.35821	<i>EXOC6B</i>
3	108925001	108975000	0.358192	<i>GRIK3</i>
21	1150001	1200000	0.358063	<i>MKRN3</i>
19	52775001	52825000	0.358058	<i>ENPP7</i>
8	60025001	60075000	0.358042	<i>TMEM8B</i>
8	60025001	60075000	0.358042	<i>OR13E10</i>
8	60025001	60075000	0.358042	<i>OR13E1</i>
28	17575001	17625000	0.358028	<i>CABCOCOI</i>
25	18750001	18800000	0.358016	<i>DNAH3</i>
7	12825001	12875000	0.358009	<i>MAN2B1</i>
7	12825001	12875000	0.358009	<i>WDR83OS</i>
8	7025001	7075000	0.357997	<i>GLRA3</i>
5	29025001	29075000	0.357977	<i>TMPRSS12</i>
22	42925001	42975000	0.357944	<i>PXK</i>
22	42925001	42975000	0.357944	<i>PDHB</i>
22	24950001	25000000	0.357928	<i>CNTN6</i>
26	36800001	36850000	0.357902	<i>CCDC172</i>
3	57125001	57175000	0.357854	<i>SELENOF</i>
3	57125001	57175000	0.357854	<i>HS2ST1</i>
7	14375001	14425000	0.357844	<i>FBXL12</i>
7	14375001	14425000	0.357844	<i>UBL5</i>
20	425001	475000	0.357804	<i>SLIT3</i>
5	109350001	109400000	0.357778	<i>TUBA8</i>
5	109350001	109400000	0.357778	<i>PEX26</i>
5	109350001	109400000	0.357778	<i>U6</i>
5	108575001	108625000	0.357775	<i>CACNA1C</i>
11	1625001	1675000	0.357774	<i>TPC3</i>
11	1625001	1675000	0.357774	<i>U6</i>
17	6925001	6975000	0.357725	<i>LRBA</i>
18	10625001	10675000	0.357709	<i>ATP2C2</i>
7	14575001	14625000	0.357689	<i>COL5A3</i>
7	14575001	14625000	0.357689	<i>RDH8</i>
22	30375001	30425000	0.357661	<i>FOXPI</i>
25	14375001	14425000	0.357656	<i>ABCC1</i>
28	26800001	26850000	0.357641	<i>ADAMTS14</i>
22	34000001	34050000	0.357634	<i>SUCLG2</i>
22	49100001	49150000	0.357565	<i>TEX264</i>
22	49100001	49150000	0.357565	<i>GRM2</i>
11	19400001	19450000	0.357541	<i>STRN</i>
11	19400001	19450000	0.357541	<i>HEATR5B</i>
5	77675001	77725000	0.357538	<i>BICD1</i>
3	101350001	101400000	0.357533	<i>RNF220</i>
3	101350001	101400000	0.357533	<i>TMEM53</i>
3	101350001	101400000	0.357533	<i>ARMHI</i>
11	46950001	47000000	0.357523	<i>PAX8</i>
18	22150001	22200000	0.357507	<i>FTO</i>
18	2425001	2475000	0.357504	<i>ZNRF1</i>
18	2425001	2475000	0.357504	<i>LDHD</i>
19	47200001	47250000	0.357465	<i>MARCHF10</i>
1	925001	975000	0.357455	<i>RCAN1</i>
3	92275001	92325000	0.35739	<i>HSPB11</i>
15	74600001	74650000	0.357376	<i>CD82</i>

7	43975001	44025000	0.357375	<i>TCF3</i>
7	43975001	44025000	0.357375	<i>UQCR11</i>
3	20675001	20725000	0.357374	<i>SV2A</i>
3	20675001	20725000	0.357374	<i>MTMR11</i>
3	20675001	20725000	0.357374	<i>H2AC20</i>
3	20675001	20725000	0.357374	<i>SF3B4</i>
3	20675001	20725000	0.357374	<i>BOLA1</i>
3	20675001	20725000	0.357374	<i>H2AC21</i>
2	47500001	47550000	0.357308	<i>EPC2</i>
2	47500001	47550000	0.357308	<i>U6</i>
13	22850001	22900000	0.35726	<i>MLLT10</i>
19	52375001	52425000	0.357252	<i>SLC26A11</i>
19	52375001	52425000	0.357252	<i>SGSH</i>
19	56925001	56975000	0.35725	<i>CD300A</i>
19	56925001	56975000	0.35725	<i>GPRC5C</i>
12	31625001	31675000	0.357218	<i>FLT1</i>
8	8575001	8625000	0.357193	<i>C8H8orf74</i>
7	21650001	21700000	0.357172	<i>KIF3A</i>
7	21650001	21700000	0.357172	<i>IL4</i>
15	40000001	40050000	0.357133	<i>TEAD1</i>
15	35850001	35900000	0.357101	<i>SOX6</i>
21	69775001	69825000	0.357094	<i>TMEM121</i>
21	69775001	69825000	0.357094	<i>U6</i>
11	101625001	101675000	0.357078	<i>PRRT1B</i>
11	101625001	101675000	0.357078	<i>POMT1</i>
11	101625001	101675000	0.357078	<i>UCK1</i>
28	28300001	28350000	0.357067	<i>DDIT4</i>
1	152350001	152400000	0.357058	<i>SH3BP5</i>
20	5600001	5650000	0.357055	<i>CPEB4</i>
14	39900001	39950000	0.357039	<i>ZFHX4</i>
25	25675001	25725000	0.357034	<i>XPO6</i>
19	38625001	38675000	0.356984	<i>OSBPL7</i>
19	38625001	38675000	0.356984	<i>MRPL10</i>
19	38625001	38675000	0.356984	<i>LRRC46</i>
19	38625001	38675000	0.356984	<i>SCRN2</i>
2	47075001	47125000	0.356972	<i>LYPD6B</i>
11	12300001	12350000	0.35696	<i>EXOC6B</i>
12	86650001	86700000	0.356885	<i>DCUN1D2</i>
12	86650001	86700000	0.356885	<i>TMCO3</i>
16	72950001	73000000	0.356857	<i>HHAT</i>
16	72950001	73000000	0.356857	<i>U5</i>
22	52575001	52625000	0.356852	<i>PTH1R</i>
22	52575001	52625000	0.356852	<i>CCDC12</i>
7	43925001	43975000	0.356849	<i>MBD3</i>
7	43925001	43975000	0.356849	<i>MEX3D</i>
22	37275001	37325000	0.356848	<i>PRICKLE2</i>
7	43375001	43425000	0.356846	<i>PLPPR3</i>
7	43375001	43425000	0.356846	<i>MED16</i>
7	43375001	43425000	0.356846	<i>PRTN3</i>
7	43375001	43425000	0.356846	<i>PTBPI</i>
7	43375001	43425000	0.356846	<i>ELANE</i>
7	43375001	43425000	0.356846	<i>AZU1</i>

7	43375001	43425000	0.356846	<i>CFD</i>
7	43375001	43425000	0.356846	<i>U6</i>
2	124925001	124975000	0.356839	<i>PHACTR4</i>
24	56925001	56975000	0.356805	<i>ATP8B1</i>
19	50300001	50350000	0.356795	<i>SECTM1A</i>
19	50300001	50350000	0.356795	<i>SECTM1</i>
2	7175001	7225000	0.356791	<i>COL5A2</i>
13	70825001	70875000	0.356779	<i>PTPRT</i>
28	7950001	8000000	0.356771	<i>ARID4B</i>
14	23275001	23325000	0.356766	<i>RPS20</i>
14	23275001	23325000	0.356766	<i>MOS</i>
14	23275001	23325000	0.356766	<i>UI</i>
22	49550001	49600000	0.356765	<i>DOCK3</i>
20	24175001	24225000	0.356748	<i>CSPG4B</i>
4	5250001	5300000	0.356739	<i>GRB10</i>
8	62625001	62675000	0.356727	<i>TDRD7</i>
3	93725001	93775000	0.356725	<i>GPX7</i>
3	93725001	93775000	0.356725	<i>SHISAL2A</i>
21	64875001	64925000	0.356685	<i>EML1</i>
21	64875001	64925000	0.356685	<i>EVL</i>
29	47800001	47850000	0.356678	<i>SHANK2</i>
11	98625001	98675000	0.356672	<i>FAM102A</i>
28	7975001	8025000	0.356666	<i>ARID4B</i>
16	50350001	50400000	0.356662	<i>PLCH2</i>
16	50350001	50400000	0.356662	<i>PANK4</i>
8	69325001	69375000	0.356617	<i>NPM2</i>
8	69325001	69375000	0.356617	<i>FGF17</i>
8	69325001	69375000	0.356617	<i>DMTN</i>
8	69325001	69375000	0.356617	<i>XPO7</i>
8	90300001	90350000	0.35656	<i>TMEFF1</i>
8	90300001	90350000	0.35656	<i>CAVIN4</i>
22	49375001	49425000	0.356559	<i>DOCK3</i>
22	49375001	49425000	0.356559	<i>MANF</i>
22	49375001	49425000	0.356559	<i>RBM15B</i>
17	6850001	6900000	0.356434	<i>LRBA</i>
28	24875001	24925000	0.35636	<i>SLC25A16</i>
28	24875001	24925000	0.35636	<i>TET1</i>
15	52425001	52475000	0.356316	<i>FCHSD2</i>
7	21625001	21675000	0.356218	<i>KIF3A</i>
18	2450001	2500000	0.356192	<i>LDHD</i>
18	2450001	2500000	0.356192	<i>ZNRF1</i>
18	2450001	2500000	0.356192	<i>ZFP1</i>
16	63425001	63475000	0.356146	<i>GLUL</i>
19	11350001	11400000	0.356144	<i>BRIP1</i>
4	119350001	119400000	0.356141	<i>NCAPG2</i>
2	23375001	23425000	0.356074	<i>MAP3K20</i>
8	76600001	76650000	0.356067	<i>FRMD3</i>
23	17700001	17750000	0.356066	<i>SLC29A1</i>
23	17700001	17750000	0.356066	<i>MYMX</i>
22	34075001	34125000	0.356052	<i>SUCLG2</i>
14	31700001	31750000	0.35605	<i>CPA6</i>
22	53475001	53525000	0.356037	<i>SLC6A20</i>

22	53475001	53525000	0.356037	<i>LZTFL1</i>
19	38375001	38425000	0.35602	<i>CBX1</i>
19	38375001	38425000	0.35602	<i>SNX11</i>
19	38375001	38425000	0.35602	<i>NFE2L1</i>
22	48050001	48100000	0.356013	<i>ITIH4</i>
22	48050001	48100000	0.356013	<i>ITIH3</i>
22	48050001	48100000	0.356013	<i>TMEM110</i>
22	48050001	48100000	0.356013	<i>MUSTN1</i>
22	48050001	48100000	0.356013	<i>ITIH1</i>
19	44100001	44150000	0.355935	<i>RUNDC3A</i>
19	44100001	44150000	0.355935	<i>SLC25A39</i>
19	44100001	44150000	0.355935	<i>GRN</i>
1	83700001	83750000	0.355933	<i>MCF2L2</i>
14	33350001	33400000	0.355883	<i>SULFI</i>
16	41925001	41975000	0.355849	<i>AGTRAP</i>
16	41925001	41975000	0.355849	<i>DRAXIN</i>
1	93450001	93500000	0.355832	<i>NLGN1</i>
21	64850001	64900000	0.355829	<i>EML1</i>
7	7725001	7775000	0.355824	<i>AKAP8L</i>
7	7725001	7775000	0.355824	<i>AKAP8</i>
7	7725001	7775000	0.355824	<i>WIZ</i>
22	37125001	37175000	0.355755	<i>PRICKLE2</i>
29	26575001	26625000	0.355743	<i>OR4D5</i>
29	26575001	26625000	0.355743	<i>OR8B72</i>
29	26575001	26625000	0.355743	<i>OR10S1</i>
29	26575001	26625000	0.355743	<i>SNORA71</i>
29	26575001	26625000	0.355743	<i>U6</i>
11	11825001	11875000	0.355724	<i>EXOC6B</i>
3	94150001	94200000	0.355704	<i>ZFYVE9</i>
6	31325001	31375000	0.355649	<i>GRID2</i>
18	56950001	57000000	0.355639	<i>KLK7</i>
18	56950001	57000000	0.355639	<i>KLK9</i>
18	56950001	57000000	0.355639	<i>KLK10</i>
18	56950001	57000000	0.355639	<i>KLK8</i>
18	56950001	57000000	0.355639	<i>KLK6</i>
18	56950001	57000000	0.355639	<i>KLK11</i>
28	8500001	8550000	0.355632	<i>LYST</i>
20	38025001	38075000	0.355615	<i>SKP2</i>
20	38025001	38075000	0.355615	<i>NADK2</i>
29	1450001	1500000	0.355604	<i>DEUPI</i>
19	34300001	34350000	0.355597	<i>SHMT1</i>
3	48675001	48725000	0.355589	<i>SLC44A3</i>
22	46750001	46800000	0.355543	<i>CACNA2D3</i>
11	78750001	78800000	0.355504	<i>LAPTM4A</i>
28	17650001	17700000	0.355492	<i>CABCOC01</i>
26	4750001	4800000	0.355476	<i>PCDH15</i>
5	112675001	112725000	0.355435	<i>DESII</i>
5	112675001	112725000	0.355435	<i>XRCC6</i>
22	33425001	33475000	0.355359	<i>TAFAI</i>
10	75475001	75525000	0.355352	<i>RHOJ</i>
5	65950001	66000000	0.355323	<i>PARPBP</i>
5	65950001	66000000	0.355323	<i>NUP37</i>

20	13950001	14000000	0.355318	<i>TRIM23</i>
20	13950001	14000000	0.355318	<i>PPWD1</i>
20	13950001	14000000	0.355318	<i>CENPK</i>
13	70875001	70925000	0.355246	<i>PTPRT</i>
2	65500001	65550000	0.355237	<i>ACTR3</i>
22	41125001	41175000	0.355216	<i>FHIT</i>
12	12700001	12750000	0.355176	<i>TNFSF11</i>
22	49900001	49950000	0.355158	<i>CACNA2D2</i>
19	11250001	11300000	0.355146	<i>BRIP1</i>
8	60225001	60275000	0.355144	<i>OR13C11</i>
8	60225001	60275000	0.355144	<i>OR13C7</i>
21	46000001	46050000	0.355125	<i>BRMS1L</i>
2	33875001	33925000	0.35512	<i>KCNH7</i>
4	62875001	62925000	0.355093	<i>BMPER</i>
8	61600001	61650000	0.355079	<i>FBXO10</i>
8	61600001	61650000	0.355079	<i>POLR1E</i>
19	23050001	23100000	0.35506	<i>SMG6</i>
19	23050001	23100000	0.35506	<i>DPH1</i>
19	23050001	23100000	0.35506	<i>HIC1</i>
19	23050001	23100000	0.35506	<i>RTN4RL1</i>
19	23050001	23100000	0.35506	<i>OVCA2</i>
8	84600001	84650000	0.354989	<i>WNK2</i>
20	25450001	25500000	0.354985	<i>NDUFS4</i>
13	78025001	78075000	0.354969	<i>SNAI1</i>
14	33500001	33550000	0.354947	<i>SLCO5A1</i>
18	11400001	11450000	0.354916	<i>GSE1</i>
8	61050001	61100000	0.354904	<i>PAX5</i>
13	22925001	22975000	0.354892	<i>MLLT10</i>
13	22925001	22975000	0.354892	<i>DNAJC1</i>
6	94675001	94725000	0.354875	<i>ANTXR2</i>
4	47075001	47125000	0.354861	<i>CDHR3</i>
22	43825001	43875000	0.354848	<i>APPL1</i>
22	43825001	43875000	0.354848	<i>ASB14</i>
22	43825001	43875000	0.354848	<i>DNAH12</i>
21	42125001	42175000	0.354839	<i>NUBPL</i>
4	39900001	39950000	0.354807	<i>SEMA3C</i>
15	80900001	80950000	0.354773	<i>ZDHHC5</i>
15	80900001	80950000	0.354773	<i>TMX2</i>
15	80900001	80950000	0.354773	<i>MED19</i>
15	80900001	80950000	0.354773	<i>CLP1</i>
22	18875001	18925000	0.354725	<i>GRM7</i>
18	10800001	10850000	0.354725	<i>COTL1</i>
18	10800001	10850000	0.354725	<i>KLHL36</i>
22	60250001	60300000	0.354724	<i>PLXNA1</i>
22	60250001	60300000	0.354724	<i>CHCHD6</i>
14	32625001	32675000	0.354723	<i>C14H8orf34</i>
21	65150001	65200000	0.35471	<i>YY1</i>
5	112000001	112050000	0.354663	<i>SLC25A17</i>
11	3800001	3850000	0.35465	<i>COA5</i>
11	3800001	3850000	0.35465	<i>UNC50</i>
11	3800001	3850000	0.35465	<i>MGAT4A</i>
5	103325001	103375000	0.354613	<i>CIR</i>

14	30875001	30925000	0.354591	<i>VCPIPI</i>
21	40125001	40175000	0.35459	<i>PRKDI</i>
29	47875001	47925000	0.354562	<i>SHANK2</i>
1	156700001	156750000	0.354554	<i>KCNH8</i>
4	119325001	119375000	0.354529	<i>NCAPG2</i>
6	112050001	112100000	0.354477	<i>LDB2</i>
3	78400001	78450000	0.354476	<i>DNAI4</i>
3	78400001	78450000	0.354476	<i>MIER1</i>
19	47650001	47700000	0.354462	<i>TANC2</i>
19	38650001	38700000	0.354371	<i>OSBPL7</i>
22	54925001	54975000	0.35432	<i>SLC6A11</i>
5	67425001	67475000	0.354289	<i>NT5DC3</i>
5	67425001	67475000	0.354289	<i>STAB2</i>
11	104300001	104350000	0.354272	<i>ADAMTS13</i>
11	104300001	104350000	0.354272	<i>REXO4</i>
11	104300001	104350000	0.354272	<i>STKLD1</i>
20	24150001	24200000	0.354259	<i>CSPG4B</i>
18	11375001	11425000	0.354256	<i>GSE1</i>
5	105750001	105800000	0.354248	<i>CCND2</i>
10	36375001	36425000	0.354246	<i>SPINT1</i>
10	36375001	36425000	0.354246	<i>PPPIR14D</i>
10	36375001	36425000	0.354246	<i>RHOV</i>
7	43775001	43825000	0.354214	<i>PWWP3A</i>
7	43775001	43825000	0.354214	<i>NDUFS7</i>
7	43775001	43825000	0.354214	<i>GAMT</i>
7	43775001	43825000	0.354214	<i>DAZAPI</i>
6	89800001	89850000	0.354211	<i>PARM1</i>
16	72175001	72225000	0.354208	<i>KCNH1</i>
23	16475001	16525000	0.354135	<i>BICRAL</i>
23	16475001	16525000	0.354135	<i>RPL7L1</i>
18	12350001	12400000	0.354131	<i>MTHFSD</i>
18	12350001	12400000	0.354131	<i>FOXC2</i>
18	12350001	12400000	0.354131	<i>FOXLI</i>
2	18800001	18850000	0.354125	<i>PDE11A</i>
2	18800001	18850000	0.354125	<i>CYCT</i>
21	64500001	64550000	0.354123	<i>CCDC85C</i>
21	64500001	64550000	0.354123	<i>CCNK</i>
3	103525001	103575000	0.354044	<i>PPIH</i>
3	103525001	103575000	0.354044	<i>YBX1</i>
3	103525001	103575000	0.354044	<i>CCDC30</i>
2	43650001	43700000	0.354012	<i>FMNL2</i>
2	27950001	28000000	0.353995	<i>STK39</i>
8	71700001	71750000	0.353955	<i>ADAM7</i>
15	15725001	15775000	0.353941	<i>AMOTL1</i>
6	35775001	35825000	0.353921	<i>FAM13A</i>
19	20175001	20225000	0.35389	<i>FAM222B</i>
7	20925001	20975000	0.353876	<i>GNG7</i>
7	20925001	20975000	0.353876	<i>SLC39A3</i>
7	20925001	20975000	0.353876	<i>DIRAS1</i>
5	110625001	110675000	0.353863	<i>PDGFB</i>
5	110825001	110875000	0.353838	<i>TAB1</i>
19	33900001	33950000	0.353805	<i>SLC47A2</i>

19	33900001	33950000	0.353805	<i>ALDH3A2</i>
24	700001	750000	0.353804	<i>CTDPI</i>
19	28100001	28150000	0.353754	<i>MYH10</i>
7	67800001	67850000	0.353738	<i>SGCD</i>
13	41500001	41550000	0.353676	<i>FOXA2</i>
21	65175001	65225000	0.353662	<i>YY1</i>
21	65175001	65225000	0.353662	<i>SLC25A29</i>
29	28825001	28875000	0.353645	<i>PKNOX2</i>
1	149575001	149625000	0.353641	<i>DYRK1A</i>
21	24950001	25000000	0.353604	<i>BTBD1</i>
21	24950001	25000000	0.353604	<i>TM6SF1</i>
16	50575001	50625000	0.353566	<i>PRKCZ</i>
16	50575001	50625000	0.353566	<i>FAAP20</i>
11	101375001	101425000	0.353562	<i>NUP214</i>
18	53075001	53125000	0.353556	<i>VASP</i>
18	53075001	53125000	0.353556	<i>RTN2</i>
18	53075001	53125000	0.353556	<i>FOSB</i>
18	53075001	53125000	0.353556	<i>PPMIN</i>
3	74100001	74150000	0.353547	<i>ZRANB2</i>
19	27625001	27675000	0.35353	<i>GUCY2D</i>
19	27625001	27675000	0.35353	<i>CNTROB</i>
1	142600001	142650000	0.353518	<i>TFF1</i>
1	142600001	142650000	0.353518	<i>TFF2</i>
11	98825001	98875000	0.353503	<i>DNM1</i>
11	98825001	98875000	0.353503	<i>GOLGA2</i>
18	56975001	57025000	0.353464	<i>KLK13</i>
18	56975001	57025000	0.353464	<i>KLK9</i>
18	56975001	57025000	0.353464	<i>KLK10</i>
18	56975001	57025000	0.353464	<i>KLK12</i>
18	56975001	57025000	0.353464	<i>KLK11</i>
18	56975001	57025000	0.353464	<i>KLK8</i>
22	49775001	49825000	0.353423	<i>HEMK1</i>
22	49775001	49825000	0.353423	<i>C22H3orf18</i>
28	33150001	33200000	0.353408	<i>KCNMA1</i>
22	50750001	50800000	0.353388	<i>USP4</i>
22	50750001	50800000	0.353388	<i>GPX1</i>
22	50750001	50800000	0.353388	<i>RHOA</i>
22	50750001	50800000	0.353388	<i>U6</i>
23	22400001	22450000	0.353372	<i>CRISP2</i>
23	22400001	22450000	0.353372	<i>CRISP3</i>
14	23200001	23250000	0.353341	<i>LYN</i>
28	7925001	7975000	0.353335	<i>ARID4B</i>
7	6900001	6950000	0.353277	<i>TPM4</i>
7	6900001	6950000	0.353277	<i>ORIAB2</i>
4	80775001	80825000	0.353253	<i>SUGCT</i>
2	120925001	120975000	0.35323	<i>SYNC</i>
2	120925001	120975000	0.35323	<i>RBBP4</i>
8	72175001	72225000	0.353204	<i>NEFM</i>
8	72175001	72225000	0.353204	<i>NEFL</i>
29	28100001	28150000	0.35319	<i>SIAE</i>
29	28100001	28150000	0.35319	<i>TBRG1</i>
1	42275001	42325000	0.353179	<i>GABRR3</i>

29	27050001	27100000	0.353176	<i>OR8G3L</i>
22	48700001	48750000	0.35316	<i>POCIA</i>
22	48700001	48750000	0.35316	<i>ALAS1</i>
23	13275001	13325000	0.353139	<i>KIF6</i>
14	4550001	4600000	0.353079	<i>FAM135B</i>
7	48475001	48525000	0.353071	<i>SPOCK1</i>
14	1025001	1075000	0.353028	<i>MAPK15</i>
14	1025001	1075000	0.353028	<i>FAM83H</i>
14	1025001	1075000	0.353028	<i>IQANK1</i>
14	1025001	1075000	0.353028	<i>CCDC166</i>
14	1025001	1075000	0.353028	<i>ZNF623</i>
2	125725001	125775000	0.353003	<i>AHDC1</i>
5	110875001	110925000	0.352992	<i>MGAT3</i>
14	37150001	37200000	0.35297	<i>UBE2W</i>
14	37150001	37200000	0.35297	<i>ELOC</i>
16	51125001	51175000	0.352957	<i>CCNL2</i>
16	51125001	51175000	0.352957	<i>AURKAIP1</i>
16	51125001	51175000	0.352957	<i>MRPL20</i>
16	51125001	51175000	0.352957	<i>ANKRD65</i>
16	51125001	51175000	0.352957	<i>MXRA8</i>
4	81250001	81300000	0.352898	<i>YAE1</i>
13	24375001	24425000	0.352896	<i>OTUD1</i>
25	25000001	25050000	0.35285	<i>GTF3C1</i>
25	25000001	25050000	0.35285	<i>IL21R</i>
10	75525001	75575000	0.352849	<i>RHOJ</i>
6	58425001	58475000	0.352832	<i>RFC1</i>
6	58425001	58475000	0.352832	<i>WDR19</i>
10	27575001	27625000	0.352823	<i>OR4F69</i>
10	27575001	27625000	0.352823	<i>OR4G10</i>
12	31450001	31500000	0.352808	<i>POMP</i>
29	48450001	48500000	0.352804	<i>OSBPL5</i>
15	40300001	40350000	0.352788	<i>PARVA</i>
15	52450001	52500000	0.352783	<i>FCHSD2</i>
19	12325001	12375000	0.352737	<i>PPM1D</i>
3	92150001	92200000	0.352726	<i>TCEANC2</i>
3	92150001	92200000	0.352726	<i>TMEM59</i>
3	92300001	92350000	0.352721	<i>YIPF1</i>
4	84725001	84775000	0.352719	<i>KCND2</i>
19	49925001	49975000	0.352707	<i>RAB40B</i>
19	49925001	49975000	0.352707	<i>FN3KRP</i>
19	49925001	49975000	0.352707	<i>TBCD</i>
28	25050001	25100000	0.352706	<i>CCAR1</i>
2	17400001	17450000	0.352706	<i>ZNF385B</i>
20	3800001	3850000	0.352646	<i>FBXW11</i>
20	34825001	34875000	0.352529	<i>U2</i>
3	103300001	103350000	0.352521	<i>SLC2A1</i>
8	69650001	69700000	0.352364	<i>SLC39A14</i>
8	69650001	69700000	0.352364	<i>PIWIL2</i>
5	82050001	82100000	0.352352	<i>MRPS35</i>
5	82050001	82100000	0.352352	<i>KLHL42</i>
5	82050001	82100000	0.352352	<i>MANSC4</i>
12	86625001	86675000	0.352327	<i>DCUN1D2</i>

22	49300001	49350000	0.352306	<i>DCAF1</i>
21	7025001	7075000	0.352297	<i>MEF2A</i>
7	43800001	43850000	0.352265	<i>DAZAPI</i>
7	43800001	43850000	0.352265	<i>NDUFS7</i>
7	43800001	43850000	0.352265	<i>PWWP3A</i>
7	43800001	43850000	0.352265	<i>GAMT</i>
7	43800001	43850000	0.352265	<i>RPS15</i>
1	146275001	146325000	0.352249	<i>S100B</i>
1	146275001	146325000	0.352249	<i>PRMT2</i>
19	33850001	33900000	0.35223	<i>ULK2</i>
19	33850001	33900000	0.35223	<i>ALDH3A1</i>
19	33850001	33900000	0.35223	<i>SLC47A2</i>
8	60950001	61000000	0.352214	<i>PAX5</i>
8	72775001	72825000	0.352198	<i>KCTD9</i>
8	72775001	72825000	0.352198	<i>CDCA2</i>
2	27925001	27975000	0.352181	<i>STK39</i>
28	25200001	25250000	0.352108	<i>DDX21</i>
28	25200001	25250000	0.352108	<i>DDX50</i>
28	25200001	25250000	0.352108	<i>KIFBP</i>
7	11675001	11725000	0.352096	<i>RFX1</i>
11	11925001	11975000	0.352007	<i>EXOC6B</i>
4	5350001	5400000	0.351988	<i>DDC</i>
19	43875001	43925000	0.351957	<i>LSM12</i>
19	43875001	43925000	0.351957	<i>HDAC5</i>
19	43875001	43925000	0.351957	<i>G6PC3</i>
8	99675001	99725000	0.351929	<i>PALM2</i>
16	79650001	79700000	0.351924	<i>TMEM9</i>
16	79650001	79700000	0.351924	<i>CACNA1S</i>
11	9100001	9150000	0.351912	<i>MRPS9</i>
19	30600001	30650000	0.351906	<i>ZNF18</i>
19	30600001	30650000	0.351906	<i>DNAH9</i>
19	30600001	30650000	0.351906	<i>MAP2K4</i>
5	104575001	104625000	0.351901	<i>ANO2</i>
9	32700001	32750000	0.351899	<i>SLC35F1</i>
2	126800001	126850000	0.351894	<i>UBXN11</i>
2	126800001	126850000	0.351894	<i>CEP85</i>
2	126800001	126850000	0.351894	<i>CRYBG2</i>
2	126800001	126850000	0.351894	<i>CD52</i>
2	126800001	126850000	0.351894	<i>SH3BGRL3</i>
7	43650001	43700000	0.351871	<i>STK11</i>
7	43650001	43700000	0.351871	<i>MIDN</i>
7	43650001	43700000	0.351871	<i>CBARP</i>
7	43650001	43700000	0.351871	<i>ATP5F1D</i>
13	72275001	72325000	0.351835	<i>GTSFIL</i>
18	52750001	52800000	0.351828	<i>PPP1R37</i>
18	52750001	52800000	0.351828	<i>GEMIN7</i>
18	52750001	52800000	0.351828	<i>ZNF296</i>
8	62425001	62475000	0.351822	<i>IGFBPL1</i>
8	62425001	62475000	0.351822	<i>ALDH1B1</i>
18	55800001	55850000	0.351781	<i>TEAD2</i>
18	55800001	55850000	0.351781	<i>SLC6A16</i>
18	55800001	55850000	0.351781	<i>CD37</i>

18	55800001	55850000	0.351781	<i>DKKL1</i>
10	36700001	36750000	0.351779	<i>CHP1</i>
10	36700001	36750000	0.351779	<i>EXD1</i>
6	88800001	88850000	0.351721	<i>CXCL8</i>
22	48800001	48850000	0.351703	<i>DUSP7</i>
22	48800001	48850000	0.351703	<i>POC1A</i>
8	8600001	8650000	0.351645	<i>C8H8orf74</i>
7	84175001	84225000	0.351608	<i>EDIL3</i>
18	14475001	14525000	0.3516	<i>CPNE7</i>
18	14475001	14525000	0.3516	<i>SPG7</i>
18	14475001	14525000	0.3516	<i>RPL13</i>
18	14475001	14525000	0.3516	<i>SNORD68</i>
19	39125001	39175000	0.351596	<i>SRCIN1</i>
19	39125001	39175000	0.351596	<i>ARHGAP23</i>
19	31175001	31225000	0.351536	<i>ARHGAP44</i>
19	31175001	31225000	0.351536	<i>MYOCD</i>
2	96025001	96075000	0.351534	<i>CCNYL1</i>
2	96025001	96075000	0.351534	<i>FZD5</i>
21	45925001	45975000	0.351511	<i>RALGAPA1</i>
14	34925001	34975000	0.351495	<i>EYA1</i>
8	20425001	20475000	0.351435	<i>ELAVL2</i>
18	10675001	10725000	0.351421	<i>MEAK7</i>
18	10675001	10725000	0.351421	<i>ATP2C2</i>
19	51150001	51200000	0.351396	<i>NPLOC4</i>
19	51150001	51200000	0.351396	<i>CCDC137</i>
19	51150001	51200000	0.351396	<i>TSPAN10</i>
19	51150001	51200000	0.351396	<i>OXMLD1</i>
19	51150001	51200000	0.351396	<i>PDE6G</i>
15	41950001	42000000	0.351395	<i>IRAG1</i>
19	52450001	52500000	0.351342	<i>CARD14</i>
19	52450001	52500000	0.351342	<i>GAA</i>
19	52450001	52500000	0.351342	<i>EIF4A3</i>
19	52450001	52500000	0.351342	<i>Metazoa_SRP</i>
13	23875001	23925000	0.351311	<i>U6</i>
13	23875001	23925000	0.351311	<i>Y_RNA</i>
22	6800001	6850000	0.351304	<i>CMTM7</i>
22	6800001	6850000	0.351304	<i>CMTM8</i>
2	47450001	47500000	0.351298	<i>EPC2</i>
7	7850001	7900000	0.351281	<i>BRD4</i>
7	7850001	7900000	0.351281	<i>EPHX3</i>
20	13400001	13450000	0.351239	<i>SREK1</i>
28	15425001	15475000	0.351236	<i>CCDC6</i>
28	15425001	15475000	0.351236	<i>MRLN</i>
7	67775001	67825000	0.35123	<i>SGCD</i>
19	44500001	44550000	0.351209	<i>GJC1</i>
19	44500001	44550000	0.351209	<i>ADAM11</i>
18	14450001	14500000	0.351149	<i>SPG7</i>
18	14450001	14500000	0.351149	<i>RPL13</i>
18	14450001	14500000	0.351149	<i>SNORD68</i>
5	29650001	29700000	0.351142	<i>LIMA1</i>
12	33175001	33225000	0.351136	<i>RNF6</i>
15	41825001	41875000	0.351135	<i>EIF4G2</i>

14	22950001	23000000	0.351105	<i>XKR4</i>
8	83125001	83175000	0.351061	<i>HABP4</i>
8	50550001	50600000	0.351034	<i>RORB</i>
9	43300001	43350000	0.351026	<i>QRSL1</i>
9	43300001	43350000	0.351026	<i>RTN4IP1</i>
18	51925001	51975000	0.351015	<i>SMG9</i>
18	51925001	51975000	0.351015	<i>KCNN4</i>
18	51925001	51975000	0.351015	<i>IRGC</i>
5	110725001	110775000	0.350991	<i>RPL3</i>
5	110725001	110775000	0.350991	<i>SNORD83B</i>
5	110725001	110775000	0.350991	<i>SNORD83A</i>
5	110725001	110775000	0.350991	<i>SNORD43</i>
15	79150001	79200000	0.350923	<i>OR8K3B</i>
15	79150001	79200000	0.350923	<i>OR8K64</i>
14	36225001	36275000	0.350886	<i>KCNB2</i>
5	110800001	110850000	0.350859	<i>TAB1</i>
5	110800001	110850000	0.350859	<i>SYNGR1</i>
22	48475001	48525000	0.350792	<i>DNAH1</i>
22	48475001	48525000	0.350792	<i>BAP1</i>
22	48475001	48525000	0.350792	<i>PHF7</i>
8	61425001	61475000	0.350766	<i>ZCCHC7</i>
18	11425001	11475000	0.350757	<i>GSE1</i>
19	33325001	33375000	0.35071	<i>NCOR1</i>
19	33325001	33375000	0.35071	<i>PIGL</i>
14	14800001	14850000	0.350709	<i>NSMCE2</i>
11	65850001	65900000	0.350663	<i>ETAA1</i>
6	88625001	88675000	0.350603	<i>RASSF6</i>
5	29050001	29100000	0.350598	<i>TMPRSS12</i>
11	102475001	102525000	0.350594	<i>CFAP77</i>
11	102475001	102525000	0.350594	<i>TTF1</i>
28	27775001	27825000	0.350552	<i>CDH23</i>
19	39200001	39250000	0.350524	<i>SRCIN1</i>
11	71850001	71900000	0.350496	<i>RBKS</i>
19	44250001	44300000	0.350488	<i>GPATCH8</i>
2	10700001	10750000	0.350483	<i>FSIP2</i>
7	43325001	43375000	0.350452	<i>MISP</i>
7	43325001	43375000	0.350452	<i>PTBPI</i>
5	81800001	81850000	0.350427	<i>PTHLH</i>
21	30675001	30725000	0.350377	<i>WDR61</i>
14	33750001	33800000	0.350375	<i>PRDM14</i>
1	87250001	87300000	0.350359	<i>PEX5L</i>
24	225001	275000	0.350356	<i>OR9M1D</i>
5	113025001	113075000	0.3503	<i>NDUFA6</i>
5	113025001	113075000	0.3503	<i>NAGA</i>
5	113025001	113075000	0.3503	<i>PHETA2</i>
5	113025001	113075000	0.3503	<i>SMDT1</i>
29	5200001	5250000	0.350262	<i>TRIM77</i>
29	5200001	5250000	0.350262	<i>TRIM64</i>
28	25475001	25525000	0.350187	<i>SRGN</i>
18	52975001	53025000	0.350156	<i>ERCC2</i>
18	52975001	53025000	0.350156	<i>POLR1G</i>
18	52975001	53025000	0.350156	<i>PPP1R13L</i>

18	52975001	53025000	0.350156	<i>KLC3</i>
18	52975001	53025000	0.350156	<i>ERCCI</i>
3	101250001	101300000	0.350142	<i>KIF2C</i>
3	101250001	101300000	0.350142	<i>ARMHI</i>
3	101250001	101300000	0.350142	<i>U5</i>
27	34600001	34650000	0.350135	<i>ADAM2</i>
3	103650001	103700000	0.35012	<i>CCDC30</i>
4	80750001	80800000	0.350114	<i>SUGCT</i>
19	47075001	47125000	0.350099	<i>MRC2</i>
19	47075001	47125000	0.350099	<i>MARCHF10</i>
14	34800001	34850000	0.350095	<i>EYA1</i>
16	45325001	45375000	0.350081	<i>ERRF11</i>
16	79175001	79225000	0.350059	<i>U6</i>
27	33250001	33300000	0.350013	<i>EIF4EBP1</i>
27	33250001	33300000	0.350013	<i>ASH2L</i>
15	79100001	79150000	0.349993	<i>OR8K67</i>
15	79100001	79150000	0.349993	<i>OR8J12</i>
15	79100001	79150000	0.349993	<i>OR8J2E</i>
11	28325001	28375000	0.349952	<i>PRKCE</i>
19	33925001	33975000	0.349927	<i>ALDH3A2</i>
20	14250001	14300000	0.349907	<i>ADAMTS6</i>
2	106225001	106275000	0.349889	<i>ARPC2</i>
19	47175001	47225000	0.349881	<i>MARCHF10</i>
13	40525001	40575000	0.349845	<i>KIZ</i>
14	34300001	34350000	0.349806	<i>LACTB2</i>
14	34300001	34350000	0.349806	<i>TRAM1</i>
14	23100001	23150000	0.349794	<i>LYN</i>
23	15575001	15625000	0.349788	<i>USP49</i>
23	15575001	15625000	0.349788	<i>FRS3</i>
23	15575001	15625000	0.349788	<i>PRICKLE4</i>
23	15575001	15625000	0.349788	<i>TOMM6</i>
3	78625001	78675000	0.349773	<i>SGIP1</i>
2	26400001	26450000	0.34977	<i>UBR3</i>
14	975001	1025000	0.349768	<i>SCRIB</i>
14	975001	1025000	0.349768	<i>IQANK1</i>
14	975001	1025000	0.349768	<i>PUF60</i>
19	38775001	38825000	0.349753	<i>KPNB1</i>
19	38775001	38825000	0.349753	<i>NPEPPS</i>
4	81500001	81550000	0.349741	<i>POU6F2</i>
15	41850001	41900000	0.349711	<i>EIF4G2</i>
15	41850001	41900000	0.349711	<i>CTR9</i>
15	41850001	41900000	0.349711	<i>SNORD97</i>
13	23000001	23050000	0.349705	<i>DNAJC1</i>
4	74950001	75000000	0.349695	<i>TNS3</i>
7	43400001	43450000	0.349688	<i>MED16</i>
7	43400001	43450000	0.349688	<i>R3HDM4</i>
7	43400001	43450000	0.349688	<i>PRTN3</i>
7	43400001	43450000	0.349688	<i>ELANE</i>
7	43400001	43450000	0.349688	<i>CFD</i>
7	43400001	43450000	0.349688	<i>U6</i>
23	16850001	16900000	0.349687	<i>TTBK1</i>
23	16850001	16900000	0.349687	<i>SLC22A7</i>

23	16850001	16900000	0.349687	<i>CRIP3</i>
2	47475001	47525000	0.349663	<i>EPC2</i>
2	61375001	61425000	0.349659	<i>DARS1</i>
3	119975001	120025000	0.34965	<i>GPR35</i>
3	119975001	120025000	0.34965	<i>CAPN10</i>
3	119975001	120025000	0.34965	<i>AQP12</i>
15	29225001	29275000	0.349638	<i>ARCN1</i>
15	29225001	29275000	0.349638	<i>PHLDB1</i>
19	44125001	44175000	0.349609	<i>FAM171A2</i>
19	44125001	44175000	0.349609	<i>GRN</i>
19	44125001	44175000	0.349609	<i>SLC25A39</i>
19	44125001	44175000	0.349609	<i>ITGA2B</i>
19	44125001	44175000	0.349609	<i>RUNDC3A</i>
3	93775001	93825000	0.349564	<i>TUT4</i>
3	93700001	93750000	0.349563	<i>SHISAL2A</i>
3	93700001	93750000	0.349563	<i>GPX7</i>
11	100725001	100775000	0.349542	<i>HMCN2</i>
11	100725001	100775000	0.349542	<i>ASS1</i>
11	49125001	49175000	0.3495	<i>ATOH8</i>
3	79800001	79850000	0.349472	<i>LEPR</i>
6	58125001	58175000	0.349437	<i>FAM114A1</i>
15	43175001	43225000	0.349328	<i>IPO7</i>
15	43175001	43225000	0.349328	<i>ZNF143</i>
15	43175001	43225000	0.349328	<i>SNORA23</i>
15	51625001	51675000	0.349307	<i>NUMA1</i>
15	51625001	51675000	0.349307	<i>RNF121</i>
15	51625001	51675000	0.349307	<i>IL18BP</i>
7	8000001	8050000	0.349292	<i>ILVBL</i>
7	8000001	8050000	0.349292	<i>SYDE1</i>
7	8000001	8050000	0.349292	<i>OR114</i>
7	8000001	8050000	0.349292	<i>OR111</i>
4	32125001	32175000	0.349263	<i>TRA2A</i>
3	120000001	120050000	0.34926	<i>GPR35</i>
3	120000001	120050000	0.34926	<i>KIF1A</i>
3	120000001	120050000	0.34926	<i>AQP12</i>
20	15300001	15350000	0.349249	<i>RNF180</i>
21	46025001	46075000	0.349205	<i>BRMS1L</i>
16	66800001	66850000	0.349164	<i>HMCN1</i>
8	72500001	72550000	0.349155	<i>DOCK5</i>
8	4225001	4275000	0.349154	<i>U6</i>
22	43875001	43925000	0.349146	<i>HESX1</i>
22	43875001	43925000	0.349146	<i>APPL1</i>
18	43300001	43350000	0.349135	<i>CEP89</i>
19	22950001	23000000	0.349133	<i>RTN4RL1</i>
1	1700001	1750000	0.349118	<i>ITSN1</i>
8	99825001	99875000	0.349109	<i>TXNDC8</i>
3	79450001	79500000	0.349024	<i>MGC137454</i>
6	91175001	91225000	0.348976	<i>STBD1</i>
19	42900001	42950000	0.348875	<i>SAO</i>
19	42900001	42950000	0.348875	<i>G6PC1</i>
19	47125001	47175000	0.348862	<i>MARCHF10</i>
5	111475001	111525000	0.348823	<i>TNRC6B</i>

20	3700001	3750000	0.348809	<i>FBXW11</i>
23	13325001	13375000	0.348677	<i>KIF6</i>
19	43850001	43900000	0.348674	<i>LSM12</i>
19	43850001	43900000	0.348674	<i>NAGS</i>
19	43850001	43900000	0.348674	<i>TMEM101</i>
8	99900001	99950000	0.348673	<i>SVEPI</i>
25	25775001	25825000	0.34864	<i>SBK1</i>
10	85900001	85950000	0.348618	<i>AREL1</i>
11	10450001	10500000	0.348611	<i>MOB1A</i>
28	26425001	26475000	0.348564	<i>PPA1</i>
28	26425001	26475000	0.348564	<i>NPFFR1</i>
19	19100001	19150000	0.348504	<i>KSR1</i>
22	44775001	44825000	0.348476	<i>ERC2</i>
23	8300001	8350000	0.348451	<i>HMGA1</i>
23	8300001	8350000	0.348451	<i>SMIM29</i>
22	47175001	47225000	0.34842	<i>CACNA1D</i>
7	10450001	10500000	0.34842	<i>OR7A10B</i>
7	10450001	10500000	0.34842	<i>OR7A96</i>
7	10450001	10500000	0.34842	<i>OR7A91</i>
4	81225001	81275000	0.348392	<i>RALA</i>
6	58350001	58400000	0.348376	<i>WDR19</i>
19	43950001	44000000	0.348341	<i>HROB</i>
19	43950001	44000000	0.348341	<i>ASB16</i>
19	43950001	44000000	0.348341	<i>HDAC5</i>
19	11150001	11200000	0.348308	<i>INTS2</i>
19	11150001	11200000	0.348308	<i>MED13</i>
3	775001	825000	0.348266	<i>ADCY10</i>
3	775001	825000	0.348266	<i>MPC2</i>
15	41075001	41125000	0.348254	<i>GALNT18</i>
13	24350001	24400000	0.348246	<i>OTUD1</i>
22	43675001	43725000	0.348243	<i>DNAH12</i>
4	119425001	119475000	0.348234	<i>ESYT2</i>
19	52800001	52850000	0.348231	<i>ENPP7</i>
28	35400001	35450000	0.348221	<i>CGN1</i>
26	22125001	22175000	0.348173	<i>BTRC</i>
29	44500001	44550000	0.348136	<i>DPP3</i>
29	44500001	44550000	0.348136	<i>PELI3</i>
16	51025001	51075000	0.348126	<i>SSU72</i>
16	51025001	51075000	0.348126	<i>FNDC10</i>
2	15675001	15725000	0.348105	<i>UBE2E3</i>
7	50475001	50525000	0.348046	<i>SIL1</i>
7	90200001	90250000	0.348009	<i>ADGRV1</i>
10	1775001	1825000	0.347979	<i>EPB41L4A</i>
10	1775001	1825000	0.347979	<i>SNORA13</i>
10	27900001	27950000	0.347907	<i>OR4F13</i>
8	62000001	62050000	0.347899	<i>SHB</i>
4	74975001	75025000	0.347896	<i>TNS3</i>
2	125800001	125850000	0.347886	<i>WASF2</i>
2	22825001	22875000	0.347886	<i>SP3</i>
20	24225001	24275000	0.347881	<i>CSPG4B</i>
11	101600001	101650000	0.34787	<i>POMT1</i>
11	101600001	101650000	0.34787	<i>PRRC2B</i>

11	101600001	101650000	0.34787	<i>UCK1</i>
11	101600001	101650000	0.34787	<i>SNORD62</i>
11	101600001	101650000	0.34787	<i>SNORD62</i>
18	55825001	55875000	0.347858	<i>KASH5</i>
18	55825001	55875000	0.347858	<i>TEAD2</i>
18	55825001	55875000	0.347858	<i>DKKL1</i>
18	55825001	55875000	0.347858	<i>CD37</i>
19	44450001	44500000	0.347852	<i>DBF4B</i>
19	44450001	44500000	0.347852	<i>ADAM11</i>
8	91325001	91375000	0.34785	<i>GRIN3A</i>
23	17725001	17775000	0.347828	<i>SLC29A1</i>
23	17725001	17775000	0.347828	<i>NFKBIE</i>
23	17725001	17775000	0.347828	<i>HSP90AB1</i>
23	17725001	17775000	0.347828	<i>SLC35B2</i>
23	17725001	17775000	0.347828	<i>MYMX</i>
8	61800001	61850000	0.347827	<i>FRMPD1</i>
22	7275001	7325000	0.347799	<i>CCR4</i>
8	97675001	97725000	0.347787	<i>U6</i>
5	65425001	65475000	0.347743	<i>MYBPC1</i>
15	28575001	28625000	0.347701	<i>TMPRSS13</i>
29	50475001	50525000	0.347651	<i>CHIDI</i>
29	50475001	50525000	0.347651	<i>AP2A2</i>
29	50475001	50525000	0.347651	<i>TSPAN4</i>
2	9700001	9750000	0.347649	<i>ITGAV</i>
20	700001	750000	0.347567	<i>SLIT3</i>
11	62925001	62975000	0.347524	<i>AFTPH</i>
4	10025001	10075000	0.347516	<i>CDK6</i>
4	47125001	47175000	0.347514	<i>SYPL1</i>
16	43500001	43550000	0.347508	<i>RBP7</i>
16	43500001	43550000	0.347508	<i>UBE4B</i>
13	54325001	54375000	0.347501	<i>YTHDF1</i>
23	13675001	13725000	0.347492	<i>DAAM2</i>
11	3625001	3675000	0.347478	<i>INPP4A</i>
8	87250001	87300000	0.347461	<i>DIRAS2</i>
8	76625001	76675000	0.347458	<i>FRMD3</i>
12	21425001	21475000	0.347415	<i>NEK5</i>
26	45675001	45725000	0.347383	<i>ADAM12</i>
11	9075001	9125000	0.347351	<i>MRPS9</i>
5	65550001	65600000	0.34735	<i>GNPTAB</i>
21	45975001	46025000	0.347333	<i>RALGAP1</i>
21	45975001	46025000	0.347333	<i>BRMS1L</i>
21	45975001	46025000	0.347333	<i>U6</i>
3	78675001	78725000	0.347321	<i>SGIP1</i>
15	36450001	36500000	0.347313	<i>SOX6</i>
6	111825001	111875000	0.347281	<i>LDB2</i>
19	31325001	31375000	0.347268	<i>ARHGAP44</i>
19	31325001	31375000	0.347268	<i>ELAC2</i>
28	26175001	26225000	0.347252	<i>COL13A1</i>
11	6175001	6225000	0.347245	<i>RNF149</i>
11	6175001	6225000	0.347245	<i>CNOT11</i>
11	6175001	6225000	0.347245	<i>SNORD89</i>
4	80450001	80500000	0.347242	<i>SUGCT</i>

19	28625001	28675000	0.347224	<i>NTN1</i>
19	28625001	28675000	0.347224	<i>STX8</i>
16	71725001	71775000	0.347215	<i>NEK2</i>
19	30625001	30675000	0.34719	<i>MAP2K4</i>
19	30625001	30675000	0.34719	<i>ZNF18</i>
3	25325001	25375000	0.347187	<i>GDAP2</i>
2	8875001	8925000	0.347183	<i>CALCRL</i>
2	8875001	8925000	0.347183	<i>TFPI</i>
8	90725001	90775000	0.347138	<i>PLPPR1</i>
3	21375001	21425000	0.347112	<i>RBM8A</i>
3	21375001	21425000	0.347112	<i>TXNIP</i>
3	21375001	21425000	0.347112	<i>POLR3GL</i>
3	21375001	21425000	0.347112	<i>ANKRD34A</i>
26	33575001	33625000	0.3471	<i>TCF7L2</i>
6	91325001	91375000	0.347096	<i>SHROOM3</i>
22	37100001	37150000	0.347084	<i>PRICKLE2</i>
11	64775001	64825000	0.347084	<i>MEIS1</i>
19	47875001	47925000	0.347075	<i>DCAF7</i>
19	47875001	47925000	0.347075	<i>MAP3K3</i>
19	47875001	47925000	0.347075	<i>TACO1</i>
25	36400001	36450000	0.347062	<i>ZKSCAN1</i>
25	36400001	36450000	0.347062	<i>AZGPI</i>
8	61850001	61900000	0.347057	<i>FRMPD1</i>
8	61850001	61900000	0.347057	<i>TRMT10B</i>
8	61850001	61900000	0.347057	<i>EXOSC3</i>
1	153200001	153250000	0.347046	<i>GALNT15</i>
16	51100001	51150000	0.347029	<i>CCNL2</i>
16	51100001	51150000	0.347029	<i>VWA1</i>
16	51100001	51150000	0.347029	<i>TMEM88B</i>
16	51100001	51150000	0.347029	<i>MRPL20</i>
16	51100001	51150000	0.347029	<i>ANKRD65</i>
16	51100001	51150000	0.347029	<i>AURKAIP1</i>
16	51100001	51150000	0.347029	<i>ATAD3A</i>
3	93925001	93975000	0.347006	<i>PRPF38A</i>
3	93925001	93975000	0.347006	<i>ORC1</i>
3	93925001	93975000	0.347006	<i>TUT4</i>
6	30025001	30075000	0.346978	<i>PDLIM5</i>
8	11475001	11525000	0.346977	<i>NDUFB6</i>
8	11475001	11525000	0.346977	<i>TOPORS</i>
19	28750001	28800000	0.346962	<i>STX8</i>
3	16400001	16450000	0.346958	<i>NUP210L</i>
3	16400001	16450000	0.346958	<i>RPS27</i>
19	12300001	12350000	0.346923	<i>PPM1D</i>
2	56375001	56425000	0.346921	<i>LRPIB</i>
14	33550001	33600000	0.346907	<i>SLCO5A1</i>
19	50675001	50725000	0.346902	<i>CCDC57</i>
16	4075001	4125000	0.34687	<i>SRGAP2</i>
19	44275001	44325000	0.346854	<i>GPATCH8</i>
29	12475001	12525000	0.34685	<i>PCF11</i>
5	104100001	104150000	0.346848	<i>CD9</i>
15	39675001	39725000	0.346825	<i>RASSF10</i>
11	11725001	11775000	0.346786	<i>EXOC6B</i>

18	53000001	53050000	0.346744	<i>POLR1G</i>
18	53000001	53050000	0.346744	<i>PPP1R13L</i>
18	53000001	53050000	0.346744	<i>ERCC1</i>
18	53000001	53050000	0.346744	<i>ERCC2</i>
6	85075001	85125000	0.346734	<i>UGT2A1</i>
28	26700001	26750000	0.346704	<i>PALD1</i>
10	27725001	27775000	0.346693	<i>OR4G9</i>
10	27725001	27775000	0.346693	<i>OR4G8</i>
16	50925001	50975000	0.346684	<i>NADK</i>
16	50925001	50975000	0.346684	<i>SLC35E2</i>
16	50925001	50975000	0.346684	<i>GNB1</i>
24	54650001	54700000	0.346619	<i>TCF4</i>
24	54650001	54700000	0.346619	<i>U2</i>
4	7375001	7425000	0.34659	<i>ABCA13</i>
28	23575001	23625000	0.346582	<i>CTNNA3</i>
20	38000001	38050000	0.346557	<i>NADK2</i>
20	38000001	38050000	0.346557	<i>SKP2</i>
22	48450001	48500000	0.346553	<i>PHF7</i>
22	48450001	48500000	0.346553	<i>DNAH1</i>
22	48450001	48500000	0.346553	<i>BAP1</i>
22	48450001	48500000	0.346553	<i>SEMA3G</i>
12	61175001	61225000	0.346543	<i>HTATSFI</i>
14	575001	625000	0.34654	<i>HSF1</i>
14	575001	625000	0.34654	<i>DGAT1</i>
14	575001	625000	0.34654	<i>SCRT1</i>
14	575001	625000	0.34654	<i>FBXL6</i>
14	575001	625000	0.34654	<i>SLC52A2</i>
14	575001	625000	0.34654	<i>TMEM249</i>
2	20250001	20300000	0.346525	<i>U6</i>
4	43725001	43775000	0.34652	<i>U1</i>
5	47175001	47225000	0.346492	<i>GRIP1</i>
11	56700001	56750000	0.346469	<i>REG3A</i>
6	104050001	104100000	0.346439	<i>STK32B</i>
6	65625001	65675000	0.346378	<i>GABRB1</i>
19	11100001	11150000	0.346344	<i>MED13</i>
19	26900001	26950000	0.346289	<i>DLG4</i>
19	26900001	26950000	0.346289	<i>DVL2</i>
19	26900001	26950000	0.346289	<i>ACADVL</i>
19	26900001	26950000	0.346289	<i>PHF23</i>
12	31600001	31650000	0.34626	<i>FLT1</i>
3	110925001	110975000	0.34626	<i>GJB5</i>
3	110925001	110975000	0.34626	<i>GJB4</i>
23	10725001	10775000	0.346238	<i>CPNE5</i>
23	10725001	10775000	0.346238	<i>PPIL1</i>
11	55575001	55625000	0.346214	<i>CTNNA2</i>
3	78650001	78700000	0.346159	<i>SGIP1</i>
7	11725001	11775000	0.346158	<i>DCAF15</i>
7	11725001	11775000	0.346158	<i>CC2D1A</i>
7	11725001	11775000	0.346158	<i>PODNL1</i>
7	11725001	11775000	0.346158	<i>RFX1</i>
6	96175001	96225000	0.346124	<i>RASGEF1B</i>
6	96175001	96225000	0.346124	<i>SNORA70</i>

18	3400001	3450000	0.346118	<i>CNTNAP4</i>
28	15350001	15400000	0.346096	<i>SLC16A9</i>
15	36300001	36350000	0.346091	<i>SOX6</i>
19	39100001	39150000	0.34607	<i>ARHGAP23</i>
19	39100001	39150000	0.34607	<i>SRCIN1</i>
8	83150001	83200000	0.346044	<i>HABP4</i>
8	83150001	83200000	0.346044	<i>CDC14B</i>
16	72475001	72525000	0.346018	<i>KCNHI</i>
6	104150001	104200000	0.345991	<i>CYTL1</i>
15	29200001	29250000	0.345967	<i>ARCN1</i>
15	29200001	29250000	0.345967	<i>IFT46</i>
15	29200001	29250000	0.345967	<i>TMEM25</i>
22	58350001	58400000	0.345949	<i>FBLN2</i>
9	84000001	84050000	0.345934	<i>ADGB</i>
22	49600001	49650000	0.34593	<i>DOCK3</i>
22	30600001	30650000	0.345867	<i>FOXP1</i>
12	32700001	32750000	0.345785	<i>USP12</i>
12	32075001	32125000	0.345759	<i>CDX2</i>
12	32075001	32125000	0.345759	<i>PDX1</i>
12	32075001	32125000	0.345759	<i>URAD</i>
26	36450001	36500000	0.345755	<i>GFRA1</i>
11	100600001	100650000	0.345753	<i>HMCN2</i>
22	60275001	60325000	0.345753	<i>CHCHD6</i>
22	60275001	60325000	0.345753	<i>PLXNA1</i>
3	113275001	113325000	0.34575	<i>UGT1A6</i>
16	50550001	50600000	0.345699	<i>SKI</i>
16	50550001	50600000	0.345699	<i>FAAP20</i>
22	30475001	30525000	0.345671	<i>FOXP1</i>
6	91225001	91275000	0.345658	<i>CCDC158</i>
6	91225001	91275000	0.345658	<i>U6</i>
11	56675001	56725000	0.345642	<i>REG3A</i>
19	44650001	44700000	0.345639	<i>CIQL1</i>
19	44650001	44700000	0.345639	<i>KIF18B</i>
8	85775001	85825000	0.345614	<i>SPTLC1</i>
11	78175001	78225000	0.345596	<i>HS1BP3</i>
11	78175001	78225000	0.345596	<i>LDAH</i>
11	78175001	78225000	0.345596	<i>GDF7</i>
8	98700001	98750000	0.345568	<i>FRRS1L</i>
8	98700001	98750000	0.345568	<i>EPB41L4B</i>
21	65275001	65325000	0.345547	<i>WDR25</i>
6	110475001	110525000	0.345518	<i>CIQTNF7</i>
18	52900001	52950000	0.34542	<i>MARK4</i>
18	52900001	52950000	0.34542	<i>EXOC3L2</i>
18	52900001	52950000	0.34542	<i>U6</i>
14	31725001	31775000	0.345419	<i>CPA6</i>
19	29050001	29100000	0.345408	<i>GAS7</i>
23	37325001	37375000	0.345401	<i>CDKAL1</i>
21	45375001	45425000	0.345397	<i>PRORP</i>
21	45375001	45425000	0.345397	<i>PPP2R3C</i>
22	53675001	53725000	0.345343	<i>LIMDI</i>
1	144050001	144100000	0.345328	<i>TRAPPC10</i>
22	51200001	51250000	0.34529	<i>CELSR3</i>

22	51200001	51250000	0.34529	<i>NCKIPSD</i>
22	51200001	51250000	0.34529	<i>SLC26A6</i>
22	7175001	7225000	0.345285	<i>TRIM71</i>
24	48225001	48275000	0.345263	<i>CTIF</i>
12	18700001	18750000	0.345232	<i>FNDC3A</i>
4	4550001	4600000	0.345215	<i>COBL</i>
19	30550001	30600000	0.345201	<i>DNAH9</i>
28	7175001	7225000	0.345201	<i>TARBPI</i>
28	7175001	7225000	0.345201	<i>COA6</i>
11	19725001	19775000	0.345184	<i>PRKD3</i>
14	1300001	1350000	0.345153	<i>GLI4</i>
14	1300001	1350000	0.345153	<i>ZNF696</i>
14	1300001	1350000	0.345153	<i>TOP1MT</i>
14	1300001	1350000	0.345153	<i>GPIHBP1</i>
16	65075001	65125000	0.345137	<i>TSEN15</i>
16	65075001	65125000	0.345137	<i>COLGALT2</i>
19	27050001	27100000	0.345119	<i>NLGN2</i>
19	27050001	27100000	0.345119	<i>TNK1</i>
19	27050001	27100000	0.345119	<i>KCTD11</i>
19	27050001	27100000	0.345119	<i>PLSCR3</i>
19	27050001	27100000	0.345119	<i>TMEM95</i>
19	27050001	27100000	0.345119	<i>TMEM256</i>
19	27050001	27100000	0.345119	<i>SPEM1</i>
14	23300001	23350000	0.345112	<i>PLAG1</i>
14	23300001	23350000	0.345112	<i>MOS</i>
14	23325001	23375000	0.345106	<i>PLAG1</i>
29	26650001	26700000	0.345087	<i>OR10G9G</i>
8	90325001	90375000	0.345045	<i>CAVIN4</i>
8	90325001	90375000	0.345045	<i>TMEFF1</i>
19	47725001	47775000	0.345037	<i>TANC2</i>
19	47725001	47775000	0.345037	<i>CYB56I</i>
22	36900001	36950000	0.345022	<i>ADAMTS9</i>
19	11175001	11225000	0.344981	<i>INTS2</i>
1	19475001	19525000	0.344974	<i>CXADR</i>
3	550001	600000	0.344967	<i>DCAF6</i>
3	550001	600000	0.344967	<i>GPR161</i>
11	44875001	44925000	0.344952	<i>SULT1C3</i>
11	44875001	44925000	0.344952	<i>SULT1C2</i>
21	47775001	47825000	0.344901	<i>TTC6</i>
21	47775001	47825000	0.344901	<i>FOXA1</i>
3	22950001	23000000	0.344829	<i>PDE4DIP</i>
9	43325001	43375000	0.344804	<i>RTN4IP1</i>
9	43325001	43375000	0.344804	<i>QRSL1</i>
15	83425001	83475000	0.344802	<i>NCAPD3</i>
11	20625001	20675000	0.34477	<i>ATL2</i>
22	44200001	44250000	0.344764	<i>ARHGEF3</i>
16	79575001	79625000	0.344764	<i>CACNA1S</i>
16	79575001	79625000	0.344764	<i>KIF21B</i>
11	104450001	104500000	0.344737	<i>FAM163B</i>
11	104450001	104500000	0.344737	<i>DBH</i>
1	149700001	149750000	0.344711	<i>DYRK1A</i>
3	120050001	120100000	0.344688	<i>KIF1A</i>

21	25000001	25050000	0.344686	<i>BTBD1</i>
2	7325001	7375000	0.344672	<i>COL5A2</i>
1	144650001	144700000	0.344644	<i>UBE2G2</i>
1	144650001	144700000	0.344644	<i>SUMO3</i>
8	10900001	10950000	0.34464	<i>SCARA5</i>
8	11325001	11375000	0.34464	<i>TMEM215</i>
8	10900001	10950000	0.34464	<i>U6</i>
19	50525001	50575000	0.344614	<i>CD7</i>
28	44175001	44225000	0.344608	<i>ZFAND4</i>
5	110700001	110750000	0.344601	<i>RPL3</i>
5	110700001	110750000	0.344601	<i>SNORD83B</i>
5	110700001	110750000	0.344601	<i>SNORD83A</i>
2	43425001	43475000	0.344593	<i>ARL6IP6</i>
2	43425001	43475000	0.344593	<i>PRPF40A</i>
2	43425001	43475000	0.344593	<i>U6</i>
5	48925001	48975000	0.344577	<i>TBC1D30</i>
19	26775001	26825000	0.344546	<i>ALOX12</i>
19	26775001	26825000	0.344546	<i>BCL6B</i>
19	26775001	26825000	0.344546	<i>C19H17orf49</i>
19	26775001	26825000	0.344546	<i>SLC16A13</i>
19	26775001	26825000	0.344546	<i>RNASEK</i>
20	41950001	42000000	0.344531	<i>C20H5orf22</i>
20	41950001	42000000	0.344531	<i>DROSHA</i>
4	84750001	84800000	0.344506	<i>KCND2</i>
3	21350001	21400000	0.3445	<i>HJV</i>
3	21350001	21400000	0.3445	<i>TXNIP</i>
3	21350001	21400000	0.3445	<i>POLR3GL</i>
16	49350001	49400000	0.344474	<i>TP73</i>
5	108550001	108600000	0.344467	<i>CACNA1C</i>
25	13800001	13850000	0.344459	<i>MPV17L</i>
28	22750001	22800000	0.344452	<i>CTNNA3</i>
25	3600001	3650000	0.344443	<i>HMOX2</i>
25	3600001	3650000	0.344443	<i>NMRAL1</i>
25	3600001	3650000	0.344443	<i>DNAJA3</i>
7	8550001	8600000	0.344377	<i>OR7A117</i>
22	41425001	41475000	0.344357	<i>FHIT</i>
7	42150001	42200000	0.344348	<i>OR2G6</i>
15	22000001	22050000	0.34434	<i>SIK2</i>
19	26200001	26250000	0.344285	<i>RABEP1</i>
4	68025001	68075000	0.344278	<i>JAZF1</i>
3	79775001	79825000	0.344239	<i>LEPR</i>
15	74925001	74975000	0.344228	<i>TSPAN18</i>
6	94725001	94775000	0.344134	<i>ANTXR2</i>
4	119475001	119525000	0.344065	<i>ESYT2</i>
19	33400001	33450000	0.344062	<i>NCOR1</i>
19	33400001	33450000	0.344062	<i>TTC19</i>
22	43100001	43150000	0.344013	<i>FLNB</i>
22	43100001	43150000	0.344013	<i>DNASE1L3</i>
24	34400001	34450000	0.343981	<i>MIB1</i>
21	47425001	47475000	0.343968	<i>MIPOL1</i>
11	80950001	81000000	0.343965	<i>VSNL1</i>
13	22825001	22875000	0.343922	<i>MLLT10</i>

1	152400001	152450000	0.343905	<i>METTL6</i>
1	2475001	2525000	0.343874	<i>OLIG1</i>
5	112600001	112650000	0.343868	<i>ACO2</i>
5	112600001	112650000	0.343868	<i>POLR3H</i>
5	112600001	112650000	0.343868	<i>CSDC2</i>
5	47300001	47350000	0.343856	<i>GRIP1</i>
11	74525001	74575000	0.34385	<i>NCOA1</i>
12	17800001	17850000	0.343827	<i>SUCLA2</i>
14	36175001	36225000	0.343793	<i>KCNB2</i>
16	37600001	37650000	0.343776	<i>KIFAP3</i>
13	72050001	72100000	0.343771	<i>SRSF6</i>
19	50050001	50100000	0.343735	<i>FOXK2</i>
1	143925001	143975000	0.343728	<i>AGPAT3</i>
8	69375001	69425000	0.343719	<i>DMTN</i>
8	69375001	69425000	0.343719	<i>FHIP2B</i>
8	69375001	69425000	0.343719	<i>NUDT18</i>
6	58300001	58350000	0.343715	<i>KLHL5</i>
1	2050001	2100000	0.343656	<i>TMEM50B</i>
1	2050001	2100000	0.343656	<i>IFNGR2</i>
23	10775001	10825000	0.343653	<i>C23H6orf89</i>
23	10775001	10825000	0.343653	<i>PPIL1</i>
8	99700001	99750000	0.343643	<i>PALM2</i>
8	99700001	99750000	0.343643	<i>C8H9orf152</i>
20	35275001	35325000	0.343631	<i>FYB1</i>
20	38475001	38525000	0.343558	<i>SPEF2</i>
28	25625001	25675000	0.343532	<i>HKDC1</i>
24	56950001	57000000	0.343515	<i>ATP8B1</i>
28	44575001	44625000	0.343495	<i>RASSF4</i>
28	44575001	44625000	0.343495	<i>ZNF22</i>
28	44575001	44625000	0.343495	<i>DEPPI</i>
14	75325001	75375000	0.343482	<i>CNBD1</i>
19	45975001	46025000	0.34346	<i>MAPT</i>
19	45975001	46025000	0.34346	<i>KANSL1</i>
11	104600001	104650000	0.343443	<i>VAV2</i>
5	108525001	108575000	0.343442	<i>CACNA1C</i>
13	23025001	23075000	0.343412	<i>DNAJC1</i>
15	54625001	54675000	0.343407	<i>GDPD5</i>
14	34775001	34825000	0.343372	<i>EYA1</i>
14	36600001	36650000	0.343351	<i>RDH10</i>
14	36600001	36650000	0.343351	<i>C14H8orf89</i>
14	36600001	36650000	0.343351	<i>RPL7</i>
22	45100001	45150000	0.34335	<i>ERC2</i>
1	42300001	42350000	0.343335	<i>OR5A31</i>
3	19575001	19625000	0.343333	<i>PIP5K1A</i>
3	19575001	19625000	0.343333	<i>VPS72</i>
18	12925001	12975000	0.343318	<i>FBXO31</i>
18	12925001	12975000	0.343318	<i>MAPILC3B</i>
4	39975001	40025000	0.343315	<i>SEMA3C</i>
14	66375001	66425000	0.343312	<i>LAPTM4B</i>
20	30475001	30525000	0.343215	<i>FGF10</i>
7	90175001	90225000	0.343118	<i>ADGRV1</i>
19	33450001	33500000	0.343083	<i>TTC19</i>

19	33450001	33500000	0.343083	<i>ADORA2B</i>
19	33450001	33500000	0.343083	<i>ZSWIM7</i>
3	94100001	94150000	0.343056	<i>ZFYVE9</i>
22	47700001	47750000	0.343001	<i>TKT</i>
22	47700001	47750000	0.343001	<i>PRKCD</i>
5	111500001	111550000	0.342995	<i>TNRC6B</i>
20	40150001	40200000	0.342995	<i>ADAMTS12</i>
16	39600001	39650000	0.342976	<i>DNM3</i>
22	49500001	49550000	0.342976	<i>DOCK3</i>
10	75025001	75075000	0.342954	<i>KCNH5</i>
15	37775001	37825000	0.342931	<i>CALCB</i>
5	109250001	109300000	0.342889	<i>MICAL3</i>
8	7500001	7550000	0.342866	<i>DEFB136</i>
21	1250001	1300000	0.342845	<i>NDN</i>
22	60425001	60475000	0.342804	<i>TXNRD3</i>
22	60425001	60475000	0.342804	<i>UROCI</i>
22	60425001	60475000	0.342804	<i>CHST13</i>
22	60425001	60475000	0.342804	<i>C22H3orf22</i>
10	89025001	89075000	0.342792	<i>ADCK1</i>
21	45550001	45600000	0.342771	<i>PSMA6</i>
13	61375001	61425000	0.342765	<i>TLL9</i>
13	61375001	61425000	0.342765	<i>DUSP15</i>
13	61375001	61425000	0.342765	<i>FOXS1</i>
18	10650001	10700000	0.342754	<i>ATP2C2</i>
18	10650001	10700000	0.342754	<i>MEAK7</i>
19	27700001	27750000	0.342716	<i>ALOX12B</i>
19	27700001	27750000	0.342716	<i>ALOXE3</i>
19	27700001	27750000	0.342716	<i>ALOX15B</i>
13	17325001	17375000	0.342706	<i>PFKFB3</i>
29	39350001	39400000	0.342699	<i>PAG6</i>
29	26625001	26675000	0.342673	<i>OR10G9G</i>
29	26625001	26675000	0.342673	<i>OR10G6</i>
11	48675001	48725000	0.342643	<i>IMMT</i>
14	1000001	1050000	0.342639	<i>IQANK1</i>
14	1000001	1050000	0.342639	<i>FAM83H</i>
14	1000001	1050000	0.342639	<i>MAPK15</i>
14	1000001	1050000	0.342639	<i>SCRIB</i>
21	28175001	28225000	0.342634	<i>FAM189A1</i>
7	43700001	43750000	0.342632	<i>EFNA2</i>
7	43700001	43750000	0.342632	<i>CIRBP</i>
7	43700001	43750000	0.342632	<i>FAM174C</i>
6	67525001	67575000	0.342593	<i>OCIAD2</i>
14	14925001	14975000	0.342573	<i>NSMCE2</i>
19	33375001	33425000	0.34256	<i>NCOR1</i>
28	42975001	43025000	0.342529	<i>ARHGAP22</i>
28	42975001	43025000	0.342529	<i>WDFY4</i>
8	8125001	8175000	0.342509	<i>XKR6</i>
8	8125001	8175000	0.342509	<i>Metazoa_SRP</i>
26	39325001	39375000	0.342482	<i>GRK5</i>
26	39325001	39375000	0.342482	<i>PRDX3</i>
26	39325001	39375000	0.342482	<i>SFXN4</i>
16	38500001	38550000	0.342474	<i>MROH9</i>

22	43850001	43900000	0.342402	<i>APPL1</i>
22	6925001	6975000	0.342402	<i>CMTM6</i>
22	43850001	43900000	0.342402	<i>HESX1</i>
22	6925001	6975000	0.342402	<i>DYNC1LII</i>
16	39575001	39625000	0.342397	<i>DNM3</i>
15	50825001	50875000	0.342383	<i>OR52B4L</i>
3	98350001	98400000	0.342374	<i>TRABD2B</i>
13	12275001	12325000	0.342373	<i>UPF2</i>
13	12275001	12325000	0.342373	<i>DHTKDI</i>
4	85600001	85650000	0.342355	<i>CPEDI</i>
5	108625001	108675000	0.342332	<i>CACNA1C</i>
1	144275001	144325000	0.342315	<i>PFKL</i>
1	144275001	144325000	0.342315	<i>AIRE</i>
1	143975001	144025000	0.342313	<i>AGPAT3</i>
26	4800001	4850000	0.342312	<i>PCDH15</i>
19	27800001	27850000	0.342268	<i>AURKB</i>
19	27800001	27850000	0.342268	<i>TMEM107</i>
19	27800001	27850000	0.342268	<i>BORCS6</i>
19	27800001	27850000	0.342268	<i>U8</i>
7	110250001	110300000	0.342232	<i>CAMK4</i>
22	52675001	52725000	0.342227	<i>PRSS42</i>
2	107200001	107250000	0.342223	<i>PTPRN</i>
2	107200001	107250000	0.342223	<i>DNAJB2</i>
2	107200001	107250000	0.342223	<i>TUBA1D</i>
2	107200001	107250000	0.342223	<i>TUBA4A</i>
8	64925001	64975000	0.342199	<i>STX17</i>
18	14575001	14625000	0.342184	<i>FANCA</i>
18	14575001	14625000	0.342184	<i>ZNF276</i>
18	14575001	14625000	0.342184	<i>VPS9D1</i>
18	14575001	14625000	0.342184	<i>SPATA2L</i>
18	14575001	14625000	0.342184	<i>CDK10</i>
18	52800001	52850000	0.342182	<i>NKPD1</i>
18	52800001	52850000	0.342182	<i>TRAPPC6A</i>
18	52800001	52850000	0.342182	<i>PPP1R37</i>
18	52800001	52850000	0.342182	<i>BLOC1S3</i>
23	15375001	15425000	0.342162	<i>FOXP4</i>
1	152550001	152600000	0.342153	<i>HACL1</i>
6	57975001	58025000	0.342102	<i>KLF3</i>
12	86600001	86650000	0.3421	<i>GRTPI</i>
12	86600001	86650000	0.3421	<i>LAMPI</i>
23	16175001	16225000	0.342099	<i>U6</i>
22	31350001	31400000	0.342087	<i>MDFIC2</i>
1	45050001	45100000	0.342083	<i>ADGRG7</i>
1	45050001	45100000	0.342083	<i>TMEM45A</i>
5	116275001	116325000	0.342073	<i>WNT7B</i>
10	88575001	88625000	0.342068	<i>NOXRED1</i>
10	88575001	88625000	0.342068	<i>SAMD15</i>
10	88575001	88625000	0.342068	<i>TMED8</i>
10	88575001	88625000	0.342068	<i>VIPAS39</i>
28	24675001	24725000	0.342046	<i>PBLD</i>
28	24675001	24725000	0.342046	<i>MYPN</i>
28	24675001	24725000	0.342046	<i>ATOH7</i>

27	34950001	35000000	0.342029	<i>ADAM18</i>
2	125000001	125050000	0.342027	<i>PHACTR4</i>
11	77925001	77975000	0.34202	<i>APOB</i>
19	26175001	26225000	0.342019	<i>RABEP1</i>
16	3625001	3675000	0.341992	<i>SLC26A9</i>
16	3625001	3675000	0.341992	<i>PM20D1</i>
2	16775001	16825000	0.341991	<i>CWC22</i>
10	80000001	80050000	0.34198	<i>RAD51B</i>
24	75001	125000	0.341979	<i>OR9M1</i>
24	75001	125000	0.341979	<i>OR5W32P</i>
5	112050001	112100000	0.341947	<i>SLC25A17</i>
5	112050001	112100000	0.341947	<i>ST13</i>
5	112050001	112100000	0.341947	<i>U6</i>
14	31675001	31725000	0.341913	<i>CPA6</i>
5	77725001	77775000	0.341896	<i>BICD1</i>
22	43050001	43100000	0.341894	<i>ABHD6</i>
22	43050001	43100000	0.341894	<i>DNASE1L3</i>
3	101400001	101450000	0.341868	<i>RNF220</i>
28	24750001	24800000	0.341857	<i>RUFY2</i>
28	24750001	24800000	0.341857	<i>HNRNPH3</i>
25	24750001	24800000	0.341849	<i>KDM8</i>
1	149850001	149900000	0.341834	<i>KCNJ6</i>
9	42600001	42650000	0.34183	<i>PDSS2</i>
9	84025001	84075000	0.341821	<i>ADGB</i>
7	43350001	43400000	0.341786	<i>PTBPI</i>
7	43350001	43400000	0.341786	<i>PLPPR3</i>
7	43350001	43400000	0.341786	<i>AZUI</i>
7	43350001	43400000	0.341786	<i>U6</i>
13	61500001	61550000	0.34174	<i>CCM2L</i>
13	61500001	61550000	0.34174	<i>XKR7</i>
4	119075001	119125000	0.34169	<i>PTPRN2</i>
24	19575001	19625000	0.341667	<i>CELF4</i>
6	89925001	89975000	0.341653	<i>PARM1</i>
14	31075001	31125000	0.341647	<i>MCMDC2</i>
14	31075001	31125000	0.341647	<i>SNORD87</i>
22	37075001	37125000	0.341616	<i>PRICKLE2</i>
7	43675001	43725000	0.341585	<i>MIDN</i>
7	43675001	43725000	0.341585	<i>CIRBP</i>
7	43675001	43725000	0.341585	<i>CBARP</i>
7	43675001	43725000	0.341585	<i>FAM174C</i>
7	43675001	43725000	0.341585	<i>EFNA2</i>
7	43675001	43725000	0.341585	<i>ATP5F1D</i>
18	53375001	53425000	0.341573	<i>MYPOP</i>
18	53375001	53425000	0.341573	<i>FOXA3</i>
18	53375001	53425000	0.341573	<i>SYMPK</i>
18	53375001	53425000	0.341573	<i>NANOS2</i>
19	26925001	26975000	0.341558	<i>DVL2</i>
19	26925001	26975000	0.341558	<i>ELP5</i>
19	26925001	26975000	0.341558	<i>DLG4</i>
19	26925001	26975000	0.341558	<i>CTDNEP1</i>
19	26925001	26975000	0.341558	<i>ACADVL</i>
19	26925001	26975000	0.341558	<i>PHF23</i>

19	26925001	26975000	0.341558	<i>CLDN7</i>
19	26925001	26975000	0.341558	<i>GABARAP</i>
4	59925001	59975000	0.341515	<i>ELMO1</i>
13	62600001	62650000	0.341482	<i>BPIFA2B</i>
18	14525001	14575000	0.341477	<i>DPEPI</i>
18	14525001	14575000	0.341477	<i>SPATA33</i>
18	14525001	14575000	0.341477	<i>CHMPIA</i>
18	14525001	14575000	0.341477	<i>CDK10</i>
5	65400001	65450000	0.341474	<i>MYBPC1</i>
8	71475001	71525000	0.341445	<i>ADAM28</i>
5	5825001	5875000	0.341443	<i>OSBPL8</i>
5	5825001	5875000	0.341443	<i>BBS10</i>
2	106950001	107000000	0.341439	<i>CFAP65</i>
11	46975001	47025000	0.341434	<i>PAX8</i>
5	69675001	69725000	0.341428	<i>TCPI1L2</i>
5	69675001	69725000	0.341428	<i>POLR3B</i>
6	80800001	80850000	0.341395	<i>EPHA5</i>
6	24175001	24225000	0.341372	<i>EMCN</i>
18	14300001	14350000	0.34134	<i>ANKRD11</i>
3	23950001	24000000	0.341329	<i>WARS2</i>
13	73700001	73750000	0.341328	<i>DBNDD2</i>
13	73700001	73750000	0.341328	<i>SYS1</i>
13	73700001	73750000	0.341328	<i>TP53TG5</i>
13	73700001	73750000	0.341328	<i>PIGT</i>
15	60950001	61000000	0.341301	<i>FSHB</i>
15	63925001	63975000	0.341242	<i>HIPK3</i>
25	34100001	34150000	0.341231	<i>RHBDD2</i>
25	34100001	34150000	0.341231	<i>POR</i>
12	60650001	60700000	0.341203	<i>SLITRK6</i>
7	22125001	22175000	0.341194	<i>PDLIM4</i>
7	22125001	22175000	0.341194	<i>SLC22A4</i>
7	50875001	50925000	0.341193	<i>CXXC5</i>
1	2450001	2500000	0.341114	<i>OLIG1</i>
6	64625001	64675000	0.341113	<i>GABRG1</i>
22	35975001	36025000	0.341113	<i>MAG11</i>
19	41050001	41100000	0.341055	<i>KRT20</i>
19	41050001	41100000	0.341055	<i>KRT12</i>
25	24975001	25025000	0.341045	<i>IL21R</i>
25	24975001	25025000	0.341045	<i>GTF3C1</i>
24	56725001	56775000	0.341026	<i>ONECUT2</i>
1	109200001	109250000	0.341024	<i>RSRC1</i>
22	44525001	44575000	0.340982	<i>ERC2</i>
7	44175001	44225000	0.340972	<i>ABHD17A</i>
7	44175001	44225000	0.340972	<i>KLF16</i>
7	44175001	44225000	0.340972	<i>SCAMP4</i>
24	19600001	19650000	0.340962	<i>CELF4</i>
5	58975001	59025000	0.340958	<i>OR6C74</i>
18	53100001	53150000	0.340956	<i>VASP</i>
18	53100001	53150000	0.340956	<i>PPMIN</i>
12	33525001	33575000	0.340952	<i>ATP8A2</i>
22	44500001	44550000	0.340939	<i>ERC2</i>
26	45175001	45225000	0.340934	<i>TEX36</i>

6	94750001	94800000	0.340913	<i>ANTXR2</i>
1	152725001	152775000	0.340881	<i>ANKRD28</i>
18	15500001	15550000	0.340877	<i>NETO2</i>
8	64875001	64925000	0.340873	<i>NR4A3</i>
3	78550001	78600000	0.340855	<i>DYNLT5</i>
3	78550001	78600000	0.340855	<i>SGIP1</i>
8	8875001	8925000	0.34083	<i>MSRA</i>
13	17250001	17300000	0.34082	<i>PFKFB3</i>
15	45275001	45325000	0.340819	<i>SYT9</i>
4	119050001	119100000	0.340804	<i>PTPRN2</i>
10	80825001	80875000	0.340801	<i>DCAF5</i>
3	40300001	40350000	0.340792	<i>COL11A1</i>
11	101400001	101450000	0.340778	<i>NUP214</i>
5	104025001	104075000	0.340776	<i>PLEKHG6</i>
5	104025001	104075000	0.340776	<i>TNFRSF1A</i>
22	57375001	57425000	0.340746	<i>FGD5</i>
20	67875001	67925000	0.340689	<i>ADAMTS16</i>
15	40825001	40875000	0.340687	<i>USP47</i>
15	40825001	40875000	0.340687	<i>Metazoa_SRP</i>
28	8475001	8525000	0.340673	<i>LYST</i>
3	19400001	19450000	0.34066	<i>SELENBPI</i>
25	25125001	25175000	0.340657	<i>KATNIP</i>
