1665  1685  1686		Chromosome	Base pair position	Nearest gene	Effect allele	Other allele	Effect allele frequency	OR (95% CI)	Regression coefficient (β)	Standard error of β	p value, fixed-effects	p value, conditional joint analysis approach	p value, conditional	p value, random- effects	ľ², %
Page	rs6658353	1	161469054	FCGR2A	С	G	0.501	1.07 (1.05–1.09)	0.065	0.009	6·10 × 10 <sup>-12</sup>	4.69 × 10 <sup>-12</sup>	1·38×10 <sup>-5</sup>	3·71×10 <sup>-5</sup>	40.2%
18-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	rs11578699	1	171719769	VAMP4	Т	C	0.195	0.93 (0.91-0.95)	-0.070	0.012	4·47×10-9	4·45×10-9	2·63×10-3	1·09×10-7	5.1%
186818 1 2870569	rs76116224	2	18147848	KCNS3	Α	Т	0.904	1.12 (1.08–1.16)	0.110	0.019	1·27×10-8	1·27×10-8	3·75×10-7	1·27×10-8	0
1219692   1219	rs2042477	2	96000943	KCNIP3	Α	Т	0.242	0.94 (0.92-0.96)	-0.066	0.012	$1.38 \times 10^{-8}$	$1.48 \times 10^{-8}$	$3.49 \times 10^{-5}$	1.38 × 10 <sup>-8</sup>	0
NET	rs6808178	3	28705690	LINC00693	T	C	0.379	1.07 (1.05–1.09)	0.066	0.010	$8.09 \times 10^{-12}$	$7.18 \times 10^{-12}$	8.84×10 <sup>-5</sup>	$8.09 \times 10^{-12}$	0
STATE   STAT	rs55961674	3	122196892	KPNA1	T	C	0.172	1.09 (1.06–1.12)	0.086	0.013	$9.98 \times 10^{-12}$	$8.30 \times 10^{-12}$	$2.80 \times 10^{-6}$	$9.98 \times 10^{-12}$	0
1	rs11707416	3	151108965	MED12L	Α	Т	0.367	0.94 (0.92-0.96)	-0.063	0.010	$1.13 \times 10^{-10}$	$1.02 \times 10^{-10}$	2.66 × 10 <sup>-4</sup>	1.77 × 10 <sup>-7</sup>	10.9%
18-2333164   4   170583157   CLCN3   A   G   0.326   0.94 (0.92-0.96)   -0.064   0.010   2.00 x 10"   7.7 x 10"   5.10 x 10"   2.17 x 10"   2.13 x 10.25 x 1	rs1450522	3	161077630	SPTSSB	Α	G	0.674	0.94 (0.92-0.96)	-0.062	0.010	$5.01 \times 10^{-10}$	$4.90 \times 10^{-10}$	$3.51 \times 10^{-4}$	$2.27 \times 10^{-5}$	24.6%
1826431   S	rs34025766	4	17968811	LCORL	Α	T	0.159	0.92 (0.90-0.94)	-0.084	0.013	$2.87 \times 10^{-10}$	$2.82 \times 10^{-10}$	$7.43 \times 10^{-6}$	$2.87 \times 10^{-10}$	0
	rs62333164	4	170583157	CLCN3	Α	G	0.326	0.94 (0.92-0.96)	-0.064	0.010	$2.00 \times 10^{-10}$	$1.77 \times 10^{-10}$	$5.10 \times 10^{-5}$	$2 \cdot 17 \times 10^{-5}$	21.3%
18261444   6	rs26431	5	102365794	PAM	C	G	0.703	1.06 (1.04-1.09)	0.062	0.010	1.57 × 10 <sup>-9</sup>	1.65 × 10 <sup>-9</sup>	$6.00 \times 10^{-3}$	2·36×10 <sup>-7</sup>	7.9%
	rs11950533	5	134199105	C5orf24	Α	C	0.102	0.91 (0.88-0.94)	-0.092	0.016	$7.16 \times 10^{-9}$	6.73×10 <sup>-9</sup>	$5.08 \times 10^{-4}$	$2.68 \times 10^{-8}$	1.9%
FSP97368   6   112243291   FVN   A   G   0.805   1.07 (1.05-1.10)   0.071   0.012   1.84 ×10*   0.97 ×10*   0.61 ×10*   0.94 ×10*   0.94 ×10*   0.94 ×10*   0.95	rs9261484	6	30108683	TRIM40	T	C	0.245	0.94 (0.92-0.96)	-0.064	0.011	$1.62 \times 10^{-8}$	1·43×10 <sup>-8</sup>	$1\cdot26\times10^{-6}$	$1.62 \times 10^{-8}$	0
1	rs12528068	6	72487762	RIMS1	T	C	0.284	1.07 (1.05–1.09)	0.066	0.010	$1.63 \times 10^{-10}$	$1.79 \times 10^{-10}$	$9.80 \times 10^{-6}$	$1.63 \times 10^{-10}$	0
1   1   1   1   1   1   1   1   1   1	rs997368	6	112243291	FYN	Α	G	0.805	1.07 (1.05–1.10)	0.071	0.012	$1.84 \times 10^{-9}$	1.97×10 <sup>-9</sup>	$2.61 \times 10^{-5}$	1.84×10 <sup>-9</sup>	0
	rs75859381	6	133210361	RPS12	T	C	0.967	0.80 (0.75-0.86)	-0.221	0.034	$1.04 \times 10^{-10}$	$9.67 \times 10^{-11}$	$1.09 \times 10^{-6}$	$1.04 \times 10^{-10}$	0
Figh	rs76949143	7	66009851	GS1-124K5·11	Α	T	0.051	0.87 (0.82-0.91)	-0.143	0.025	1·43×10 <sup>-8</sup>	1·51×10 <sup>-8</sup>	5·47×10 <sup>-9</sup>	$2.04 \times 10^{-6}$	12.3%
F310748818   10   104015279   168F1   A   G   0.851   0.92(0.90-0.95)   -0.079   0.013   1.05×10°   1.23×10°   7.47×10°   1.05×10°   0.05×10°   1.05×10°   0.05×10°   1.05×10°   0.05×10°	rs2086641	8	130901909	FAM49B	T	C	0.723	0.94 (0.92-0.96)	-0.061	0.011	$1.81\times10^{-8}$	1·57 × 10 <sup>-8</sup>	$6.07 \times 10^{-6}$	$1.81 \times 10^{-8}$	0
1	rs6476434	9	34046391	UBAP2	T	C	0.734	0.94 (0.92-0.96)	-0.062	0.011	6.58×10 <sup>-9</sup>	6.56 × 10 <sup>-9</sup>	2·74×10 <sup>-4</sup>	6.58 × 10 <sup>-9</sup>	0
rs7134559 12 46419086 SCAF11 T C 0.404 0.95(0.93-0.97) -0.054 0.010 3.96 ×10.4 1.69 ×10.2 1.84 ×10.5 2.52   rs11610045 12 133063768 FBRSL1 A G 0.490 1.06(1.04-1.08) 0.060 0.009 1.77 ×10.3 1.62 ×10.3 3.57 ×10.4 87.9 ×10.7 1.95   rs9568188 13 49927732 CAB39L T C 0.740 1.06(1.04-1.09) 0.062 0.011 1.15 ×10.3 1.11 ×10.4 4.29 ×10.5 2.46 ×10.4 2.14   rs471268 13 97865021 MBNL2 T C 0.438 0.95(0.93-0.97) -0.053 0.010 3.54 ×10.4 1.66 ×10.3 3.54 ×10.4 1.45 ×10.9 1.41 ×10.4 1.45 ×10.9 0.05   rs21147950 14 3798270 MIPOLI T C 0.438 0.95(0.93-0.97) -0.053 0.010 3.54 ×10.4 1.66 ×10.3 3.54 ×10.4 0.05 0.01 7.875.0 0.8810.9 2.22 ×10.4	rs10748818	10	104015279	GBF1	Α	G	0.851	0.92 (0.90-0.95)	-0.079	0.013	$1.05 \times 10^{-9}$	1.23 × 10 <sup>-9</sup>	$7.47 \times 10^{-6}$	$1.05 \times 10^{-9}$	0
First   Firs	rs7938782	11	10558777	RNF141	Α	G	0.878	1.09 (1.06-1.12)	0.087	0.015	$2 \cdot 12 \times 10^{-9}$	1.97×10 <sup>-9</sup>	2·17×10 <sup>-7</sup>	2·12 × 10 <sup>-9</sup>	0
rsp568188 13 49927732 CAB39L T C 0.740 1.06 (1.04-1.09) 0.062 0.011 1.15 x 10³ 1.11 x 10³ 2.46 x 10³ 2.46 x 10³ 2.14 x 10³ 2.46 x 10³ 2.46 x 10³ 2.14 x 10³ 0.011 1.45 x 10³ 1.67 x 10³ 1.41 x 10³ 2.46 x 10³ 0.01 1.45 x 10³ 1.67 x 10³ 1.41 x 10³ 2.46 x 10³ 0.01 1.45 x 10³ 1.67 x 10³ 1.41 x 10³ 1.45 x 10³ 0.01 1.45 x 10³ 1.67 x 10³ 1.41 x 10³ 1.42 x 10³ 0.01 1.45 x 10³ 1.67 x 10³ 1.41 x 10³ 1.42 x 10³ 0.02 0.01 7.53 x 10³ 1.42 x 10³ 0.02 0.02 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.04 0.059 0.010 0.059 0.010 0.02 0.03 0.02 0.00 0.02 0.00 0.03 0.00 0.010 1.02 x 10³ 0.03 0.00 0.00 0.00 0.00 0.00	rs7134559	12	46419086	SCAF11	T	C	0.404	0.95 (0.93-0.97)	-0.054	0.010	3·96×10 <sup>-8</sup>	$3.80 \times 10^{-8}$	$1.69 \times 10^{-2}$	$1.84 \times 10^{-5}$	25.2%
rs4771268 13 97865021 MBNL2 T C 0-230 1-07 (105-1-09) 0-068 0-011 1.45 x10° 1-67 x10° 1.41 x10⁴ 1.45 x10° 0   rs12147950 14 37989270 MIPOLI T C 0-438 0-95 (0-93-0-97) -0-053 0-010 3.54 x10³ 1.66 x10³ 3.54 x10³ 0   rs2904880 16 28944396 CD19 C G 0-309 0-94 (0-92-0-96) -0-055 0-011 7.87 x10³ 2.22 x10² 8.18 x10² 24.88   rs2904880 16 28944396 CD19 C G 0-309 0-94 (0-92-0-96) -0-055 0-011 7.87 x10³ 1.43 x10³ 1.43 x10³ 7.87 x10³ 0   rs2904880 16 50736565 NOD2 A G 0.599 1.06 (104-1-08) 0-059 0-010 1.82 x10³ 1.53 x10³ 1.43 x10³ 1.82 x10³ 0   rs2269906 17 42294337 UBTF A C 0.653 1.	rs11610045	12	133063768	FBRSL1	Α	G	0.490	1.06 (1.04-1.08)	0.060	0.009	$1.77 \times 10^{-10}$	$1.62 \times 10^{-10}$	3·57×10⁻⁵	8.79×10 <sup>-7</sup>	19.5%
rs12147950 14 37989270 MIPOL1 T C 0.438 0.95 (0.93-0.97) -0.053 0.010 3.54 x10³ 3.58 x10³ 1.06 x10³ 3.54 x10³ 0.54 x10³ 3.58 x10³ 1.06 x10³ 3.54 x10³ 0.54 x10³ 3.58 x10³ 1.06 x10³ 3.54 x10³ 0.54 x10° 0.54 x	rs9568188	13	49927732	CAB39L	Т	C	0.740	1.06 (1.04-1.09)	0.062	0.011	$1.15 \times 10^{-8}$	$1.11 \times 10^{-8}$	$4.29 \times 10^{-6}$	$2.46 \times 10^{-4}$	21.4%
rs3742785 14 75373034 RPS6KL1 A C 0.787 1.07 (1.05-1.10) 0.071 0.012 1.92 × 103 2.08 × 103 2.22 × 106 8.18 × 105 24.88 rs2904880 16 28944396 CD19 C G 0.309 0.94 (0.92-0.96) -0.065 0.011 7.87 × 1030 8.68 × 1030 1.39 × 105 7.87 × 1030 0 rs6500328 16 50736656 NOD2 A G 0.599 1.06 (1.04-1.08) 0.059 0.010 1.82 × 103 1.53 × 103 1.43 × 103 1.82 × 103 0 rs12600861 17 7355621 CHRNB1 A C 0.648 0.95 (0.93-0.96) -0.057 0.010 1.01 × 108 1.15 × 108 5.10 × 1.01 × 108 1.01 ×	rs4771268	13	97865021	MBNL2	T	C	0.230	1.07 (1.05–1.09)	0.068	0.011	1·45×10 <sup>-9</sup>	1.67×10 <sup>-9</sup>	$1.41 \times 10^{-4}$	$1.45 \times 10^{-9}$	0
rs2904880 16 28944396 CD19 C G G O309 0.94 (0.92-0.96) -0.065 0.011 7.87 x 10 <sup>-30</sup> 8.68 x 10 <sup>-30</sup> 1.39 x 10 <sup>-5</sup> 7.87 x 10 <sup>-30</sup> 0 rs6500328 16 50736656 NOD2 A G G 0.599 1.06 (1.04-1.08) 0.059 0.010 1.82 x 10 <sup>-3</sup> 1.53 x 10 <sup>-3</sup> 1.43 x 10 <sup>-3</sup> 1.82 x 10 <sup>-3</sup> 0 rs12600861 17 7355621 CHRNB1 A C 0.648 0.95 (0.93-0.96) -0.057 0.010 1.01 x 10 <sup>-3</sup> 1.15 x 10 <sup>-3</sup> 5.10 x 10 <sup>-3</sup> 1.01 x 10 <sup>-3</sup> 0 rs2269906 17 42294337 UBTF A C 0.653 1.07 (1.04-1.09) 0.063 0.010 6.24 x 10 <sup>-3</sup> 8.63 x 10 <sup>-3</sup> 1.17 x 10 <sup>-5</sup> 6.24 x 10 <sup>-3</sup> 0 rs850738 17 42434630 FAM171A2 A G G 0.606 0.93 (0.91-0.95) -0.071 0.011 1.29 x 10 <sup>-1</sup> 3.55 x 10 <sup>-3</sup> 4.18 x 10 <sup>-4</sup> 2.17 x 10 <sup>-7</sup> 17.0% rs61169879 17 59917366 BRIP1 T C 0.164 1.09 (1.06-1.11) 0.082 0.013 9.28 x 10 <sup>-1</sup> 9.40 x 10 <sup>-1</sup> 9.07 x 10 <sup>-7</sup> 6.21 x 10 <sup>-6</sup> 16.4% rs666463 17 76425480 DNAH17 A T 0.833 1.08 (1.05-1.11) 0.076 0.013 3.20 x 10 <sup>-9</sup> 2.90 x 10 <sup>-9</sup> 1.62 x 10 <sup>-6</sup> 4.17 x 10 <sup>-6</sup> 41.09 x 10 <sup>-6</sup> 1.84 x 10 <sup>-6</sup> 1.64	rs12147950	14	37989270	MIPOL1	T	C	0.438	0.95 (0.93-0.97)	-0.053	0.010	3·54×10 <sup>-8</sup>	3.58×10 <sup>-8</sup>	$1.06 \times 10^{-3}$	$3.54 \times 10^{-8}$	0
rs6500328 16 50736656 N0D2 A G 0.599 1.06 (1.04-1.08) 0.059 0.010 1.82 ×10 <sup>3</sup> 1.53 ×10 <sup>3</sup> 1.43 ×10 <sup>3</sup> 1.82 ×10 <sup>3</sup> 0 rs12600861 17 7355621 CHRNB1 A C 0.648 0.95 (0.93-0.96) -0.057 0.010 1.01 ×10 <sup>3</sup> 1.15 ×10 <sup>3</sup> 5.10 ×10 <sup>3</sup> 1.01 ×10 <sup>3</sup> 0 rs2269906 17 42294337 UBTF A C 0.653 1.07 (1.04-1.09) 0.063 0.010 6.24 ×10 <sup>3</sup> 8.63 ×10 <sup>3</sup> 1.17 ×10 <sup>5</sup> 6.24 ×10 <sup>3</sup> 0 rs850738 17 42434630 FAM171A2 A G 0.606 0.93 (0.91-0.95) -0.071 0.011 1.29 ×10 <sup>3</sup> 3.55 ×10 <sup>3</sup> 4.18 ×10 <sup>4</sup> 2.17 ×10 <sup>7</sup> 17.0% rs61169879 17 59917366 BRIP1 T C 0.164 1.09 (1.06-1.11) 0.082 0.013 9.28 ×10 <sup>3</sup> 9.40 ×10 <sup>3</sup> 9.40 ×10 <sup>3</sup> 9.07 ×10 <sup>7</sup> 6.21 ×10 <sup>4</sup> 16.4% rs666463 17 76425480 DNAH17 A T 0.833 1.08 (1.05-1.11) 0.076 0.013 3.20 ×10 <sup>3</sup> 2.90 ×10 <sup>3</sup> 1.61 ×10 <sup>8</sup> 1.62 ×10 <sup>5</sup> 4.17 ×10 <sup>4</sup> 41.0% rs1941685 18 31304318 ASXL3 T G 0.498 1.05 (1.04-1.07) 0.053 0.009 1.69 ×10 <sup>8</sup> 1.61 ×10 <sup>8</sup> 1.64 ×10 <sup>8</sup> 1.69 ×10 <sup>8</sup> 0.78 ×10 <sup>8</sup> 1.69 ×10 <sup>8</sup> 1.64 ×10 <sup>8</sup> 1.44 ×10 <sup>8</sup> 1	rs3742785	14	75373034	RPS6KL1	Α	C	0.787	1.07 (1.05–1.10)	0.071	0.012	1.92 × 10 <sup>-9</sup>	$2.08 \times 10^{-9}$	$2.22 \times 10^{-6}$	$8.18 \times 10^{-6}$	24.8%
rs12600861 17 7355621 CHRNB1 A C 0.648 0.95 (0.93-0.96) -0.057 0.010 1.01 x108 1.15 x108 5.10 x103 1.01 x108 0 rs2269906 17 42294337 UBTF A C 0.6653 1.07 (1.04-1.09) 0.063 0.010 6.24 x103 8.63 x109 1.17 x105 6.24 x103 0 rs850738 17 42434630 FAM171A2 A G 0.606 0.93 (0.91-0.95) -0.071 0.011 1.29 x103 3.55 x1030 4.18 x104 2.17 x107 17.00 rs61169879 17 59917366 BRIP1 T C 0.164 1.09 (1.06-1.11) 0.082 0.013 9.28 x1030 9.40 x1030 9.07 x107 6.21 x104 41.00 rs1941685 18 31304318 ASXL3 T G 0.498 1.05 (1.04-1.07) 0.053 0.009 1.69 x108 1.61 x108 1.64 x108 1.64 x108 1.64 x108 0 rs7351827 20 6006041 CRLS1 T C 0.128 1.08 (1.05-1.11) 0.080 0.014 8.87 x109 7.94 x109 1.84 x105 4.38 x107 11.28 x107 11.28	rs2904880	16	28944396	CD19	C	G	0.309	0.94 (0.92-0.96)	-0.065	0.011	$7.87 \times 10^{-10}$	$8.68 \times 10^{-10}$	1·39×10⁻	$7.87 \times 10^{-10}$	0
rs2269906 17 42294337 UBTF A C 0.653 1.07 (1.04-1.09) 0.063 0.010 6.24 × 10-30 8.63 × 10-9 1.17 × 10-5 6.24 × 10-30 0 rs850738 17 42434630 FAM171A2 A G 0.606 0.93 (0.91-0.95) -0.071 0.011 1.29 × 10-31 3.55 × 10-30 4.18 × 10-4 2.17 × 10-7 17.0% rs61169879 17 59917366 BRIP1 T C 0.164 1.09 (1.06-1.11) 0.082 0.013 9.28 × 10-30 9.40 × 10-30 9.07 × 10-7 6.21 × 10-6 16.4% rs666463 17 76425480 DNAH17 A T 0.833 1.08 (1.05-1.11) 0.076 0.013 3.20 × 10-9 2.90 × 10-9 1.62 × 10-5 417 × 10-4 41.0% rs1941685 18 31304318 ASXL3 T G 0.498 1.05 (1.04-1.07) 0.053 0.009 1.69 × 10-8 1.61 × 10-8 1.64 × 10-8 1.69 × 10-8 1.6	rs6500328	16	50736656	NOD2	Α	G	0.599	1.06 (1.04–1.08)	0.059	0.010	1.82 × 10 <sup>-9</sup>	1.53 × 10 <sup>-9</sup>	1·43×10 <sup>-3</sup>	1.82 × 10 <sup>-9</sup>	0
rs850738	rs12600861	17	7355621	CHRNB1	Α	C	0.648	0.95 (0.93-0.96)	-0.057	0.010	$1.01 \times 10^{-8}$	1·15×10 <sup>-8</sup>	5·10 × 10 <sup>-3</sup>	1·01×10 <sup>-8</sup>	0
rs61169879 17 59917366 BRIP1 T C 0-164 1-09 (1-06-1-11) 0-082 0-013 9-28 × 10-9 9-40 × 10-9 9-40 × 10-9 9-40 × 10-9 16-24 × 10-9 16-44 × 10-9 16-44 × 10-9 16-1-11 10-076 0-013 9-28 × 10-9 9-40 × 10-9 9-40 × 10-9 16-24 × 10-9 1	rs2269906	17	42294337	UBTF	A	C	0.653	1.07 (1.04–1.09)	0.063	0.010	$6.24 \times 10^{-10}$	8.63×10 <sup>-9</sup>	1·17 × 10 <sup>-5</sup>	6-24×10 <sup>-10</sup>	0
rs666463 17 76425480 DNAH17 A T 0.833 1.08 (1.05-1.11) 0.076 0.013 3.20 x 10 <sup>9</sup> 2.90 x 10 <sup>9</sup> 1.62 x 10 <sup>5</sup> 4.17 x 10 <sup>4</sup> 41.04 rs1941685 18 31304318 ASXL3 T G 0.498 1.05 (1.04-1.07) 0.053 0.009 1.69 x 10 <sup>8</sup> 1.61 x 10 <sup>8</sup> 1.64 x 10 <sup>8</sup> 1.64 x 10 <sup>8</sup> 1.69 x 10 <sup>8</sup> 1.61 x 10 <sup>8</sup> 1.64 x 10 <sup>8</sup> 1.64 x 10 <sup>8</sup> 0.000 rs8087969 18 48683589 MEX3C T G 0.550 0.94 (0.93-0.96) -0.058 0.010 1.41 x 10 <sup>8</sup> 1.46 x 10 <sup>8</sup> 1.09 x 10 <sup>4</sup> 1.41 x 10 <sup>8</sup> 0 rs77351827 20 6006041 CRLS1 T C 0.128 1.08 (1.05-1.11) 0.080 0.014 8.87 x 10 <sup>9</sup> 7.94 x 10 <sup>9</sup> 1.84 x 10 <sup>5</sup> 4.38 x 10 <sup>7</sup> 11.28	rs850738	17	42434630	FAM171A2	Α	G	0.606	0.93 (0.91-0.95)	-0.071	0.011	$1.29 \times 10^{-11}$	3.55 × 10 <sup>-10</sup>	$4.18 \times 10^{-4}$	$2.17 \times 10^{-7}$	17.0%
rs1941685 18 31304318 ASXL3 T G 0.498 1.05 (1.04-1.07) 0.053 0.009 1.69 x10 1.61 x10 1.64 x10 1.64 x10 1.69 x10 0.758087969 18 48683589 MEX3C T G 0.550 0.94 (0.93-0.96) -0.058 0.010 1.41 x10 1.40 x10 1.40 x10 1.41 x10 1	rs61169879	17	59917366	BRIP1	T	C	0.164	1.09 (1.06-1.11)	0.082	0.013	$9.28 \times 10^{-10}$	$9.40 \times 10^{-10}$	9·07×10 <sup>-7</sup>	6-21×10 <sup>-6</sup>	16.4%
rs8087969 18 48683589 MEX3C T G 0.550 0.94 (0.93-0.96) -0.058 0.010 1.41 × 10 <sup>-8</sup> 1.46 × 10 <sup>-8</sup> 1.09 × 10 <sup>-4</sup> 1.41 × 10 <sup>-8</sup> 0 rs77351827 20 6006041 CRLS1 T C 0.128 1.08 (1.05-1.11) 0.080 0.014 8.87 × 10 <sup>-9</sup> 7.94 × 10 <sup>-9</sup> 1.84 × 10 <sup>-5</sup> 4.38 × 10 <sup>-7</sup> 11.2%	rs666463	17	76425480	DNAH17	Α	Т	0.833	1.08 (1.05–1.11)	0.076	0.013	3·20×10 <sup>-9</sup>	2·90×10 <sup>-9</sup>	1.62×10 <sup>-5</sup>	4·17×10 <sup>-4</sup>	41.0%
rs77351827 20 6006041 CRLS1 T C 0.128 1.08 (1.05-1.11) 0.080 0.014 8.87×10-9 7.94×10-9 1.84×10-5 4.38×10-7 11.2%	rs1941685	18	31304318	ASXL3	T	G	0.498	1.05 (1.04–1.07)	0.053	0.009	1.69×10 <sup>-8</sup>	1.61×10 <sup>-8</sup>	1.64×10 <sup>-8</sup>	1.69×10 <sup>-8</sup>	0
133 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	rs8087969	18	48683589	MEX3C	Т	G	0.550	0.94 (0.93-0.96)	-0.058	0.010	$1.41 \times 10^{-8}$	$1.46 \times 10^{-8}$	$1.09 \times 10^{-4}$	1.41×10 <sup>-8</sup>	0
$rs2248244 \hspace{0.2cm} 21 \hspace{0.2cm} 38852361 \hspace{0.2cm} DYRK1A \hspace{0.2cm} A \hspace{0.2cm} G \hspace{0.2cm} 0.283 \hspace{0.2cm} 1.07 \hspace{0.2cm} (1.05-1.10) \hspace{0.2cm} 0.071 \hspace{0.2cm} 0.011 \hspace{0.2cm} 2.74 \times 10^{-11} \hspace{0.2cm} 2.51 \times 10^{-11} \hspace{0.2cm} 6.31 \times 10^{5} \hspace{0.2cm} 8.78 \times 10^{6} \hspace{0.2cm} 34.3\% \hspace{0.2cm} 34.3\% \hspace{0.2cm} (1.05-1.10) \hspace{0.2cm} 0.071 \hspace{0.2cm} 0.071$	rs77351827	20	6006041	CRLS1	Т	C	0.128	1.08 (1.05–1.11)	0.080	0.014	8-87×10 <sup>-9</sup>	7·94×10 <sup>-9</sup>	1.84×10 <sup>-5</sup>	4·38×10 <sup>-7</sup>	11.2%
	rs2248244	21	38852361	DYRK1A	Α	G	0.283	1.07 (1.05–1.10)	0.071	0.011	2·74×10 <sup>-11</sup>	2·51×10 <sup>-11</sup>	6·31×10⁻⁵	$8.78 \times 10^{-6}$	34.3%

 $Summary statistics for 38 \ novel genome-wide significant \ Parkinson's \ disease \ variants \ using \ data \ from \ all \ available genome-wide \ association \ studies.$ 

Table 1: Novel loci associated with Parkinson's disease