

Supplemental Material.

META-ANALYSIS OF GENOME-WIDE ASSOCIATION DATA OF BIPOLAR DISORDER AND MAJOR DEPRESSIVE DISORDER

Sullivan and colleagues.

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Members of the Wellcome Trust Case Control Consortium

Management Committee: Paul R Burton¹, David G Clayton², Lon R Cardon³, Nick Craddock⁴, Panos Deloukas⁵, Audrey Duncanson⁶, Dominic P Kwiatkowski^{3,5}, Mark I McCarthy^{3,7}, Willem H Ouwehand^{8,9}, Nilesh J Samani¹⁰, John A Todd², Peter Donnelly (Chair)¹¹

Data and Analysis Committee: Jeffrey C Barrett³, Paul R Burton¹, Dan Davison¹¹, Peter Donnelly¹¹, Doug Easton¹², David M. Evans³, Hin-Tak Leung², Jonathan L Marchini¹¹, Andrew P Morris³, Chris CA Spencer¹¹, Martin D Tobin¹, Lon R Cardon (Co-chair)³, David G Clayton (Co-chair)²

UK Blood Services & University of Cambridge Controls: Antony P Attwood^{5,8}, James P Boorman^{8,9}, Barbara Cant⁸, Ursula Everson¹³, Judith M Hussey¹⁴, Jennifer D Jolley⁸, Alexandra S Knight⁸, Kerstin Koch⁸, Elizabeth Meech¹⁵, Sarah Nutland², Christopher V Prowse¹⁶, Helen E Stevens², Niall C Taylor⁸, Graham R Walters¹⁷, Neil M Walker², Nicholas A Watkins^{8,9}, Thilo Winzer⁸, John A Todd², Willem H Ouwehand^{8,9}

1958 Birth Cohort Controls: Richard W Jones¹⁸, Wendy L McArdle¹⁸, Susan M Ring¹⁸, David P Strachan¹⁹, Marcus Pembrey^{18,20}

Bipolar Disorder (Aberdeen): Gerome Breen²¹, David St Clair²¹; **(Birmingham):** Sian Caesar²², Katherine Gordon-Smith^{22,23}, Lisa Jones²²; **(Cardiff):** Christine Fraser²³, Elaine K Green²³, Detelina Grozeva²³, Marian L Hamshere²³, Peter A Holmans²³, Ian R Jones²³, George Kirov²³, Valentina Moskvina²³, Ivan Nikolov²³, Michael C O'Donovan²³, Michael J Owen²³, Nick Craddock²³; **(London):** David A Collier²⁴, Amanda Elkin²⁴, Anne Farmer²⁴, Richard Williamson²⁴, Peter McGuffin²⁴; **(Newcastle):** Allan H Young²⁵, I Nicol Ferrier²⁵

Coronary Artery Disease (Leeds): Stephen G Ball²⁶, Anthony J Balmforth²⁶, Jennifer H Barrett²⁶, D Timothy Bishop²⁶, Mark M Iles²⁶, Azhar Maqbool²⁶, Nadira Yuldasheva²⁶, Alistair S

Hall²⁶; **(Leicester)**: Peter S Braund¹⁰, Paul R Burton¹, Richard J Dixon¹⁰, Massimo Mangino¹⁰, Suzanne Stevens¹⁰, Martin D Tobin¹, John R Thompson¹, Nilesh J Samani¹⁰

Crohn's Disease (Cambridge): Francesca Bredin²⁷, Mark Tremelling²⁷, Miles Parkes²⁷; **(Edinburgh)**: Hazel Drummond²⁸, Charles W Lees²⁸, Elaine R Nimmo²⁸, Jack Satsangi²⁸; **(London)**: Sheila A Fisher²⁹, Alastair Forbes³⁰, Cathryn M Lewis²⁹, Clive M Onnie²⁹, Natalie J Prescott²⁹, Jeremy Sanderson³¹, Christopher G Mathew²⁹; **(Newcastle)**: Jamie Barbour³², M Khalid Mohiuddin³², Catherine E Todhunter³², John C Mansfield³²; **(Oxford)**: Tariq Ahmad³³, Fraser R Cummings³³, Derek P Jewell³³

Hypertension (Aberdeen): John Webster³⁴; **(Cambridge)**: Morris J Brown³⁵, David G Clayton²; **(Evry, France)**: G Mark Lathrop³⁶; **(Glasgow)**: John Connell³⁷, Anna Dominiczak³⁷; **(Leicester)**: Nilesh J Samani¹⁰; **(London)**: Carolina A Braga Marcano³⁸, Beverley Burke³⁸, Richard Dobson³⁸, Johannie Gungadoo³⁸, Kate L Lee³⁸, Patricia B Munroe³⁸, Stephen J Newhouse³⁸, Abiodun Onipinla³⁸, Chris Wallace³⁸, Mingzhan Xue³⁸, Mark Caulfield³⁸; **(Oxford)**: Martin Farrall³⁹

Rheumatoid Arthritis: Anne Barton⁴⁰, Ian N Bruce⁴⁰, Hannah Donovan⁴⁰, Steve Eyre⁴⁰, Paul D Gilbert⁴⁰, Samantha L Hider⁴⁰, Anne M Hinks⁴⁰, Sally L John⁴⁰, Catherine Potter⁴⁰, Alan J Silman⁴⁰, Deborah PM Symmons⁴⁰, Wendy Thomson⁴⁰, Jane Worthington⁴⁰

Type 1 Diabetes: David G Clayton², David B Dunger^{2,41}, Sarah Nutland², Helen E Stevens², Neil M Walker², Barry Widmer^{2,41}, John A Todd²

Type 2 Diabetes (Exeter): Timothy M Frayling^{42,43}, Rachel M Freathy^{42,43}, Hana Lango^{42,43}, John R B Perry^{42,43}, Beverley M Shields⁴³, Michael N Weedon^{42,43}, Andrew T Hattersley^{42,43}; **(London)**: Graham A Hitman⁴⁴; **(Newcastle)**: Mark Walker⁴⁵; **(Oxford)**: Kate S Elliott^{3,7}, Christopher J Groves⁷, Cecilia M Lindgren^{3,7}, Nigel W Rayner^{3,7}, Nicholas J Timpson^{3,46}, Eleftheria Zeggini^{3,7}, Mark I McCarthy^{3,7}

Tuberculosis (Gambia): Melanie Newport⁴⁷, Giorgio Sirugo⁴⁷; **(Oxford)**: Emily Lyons³, Fredrik Vannberg³, Adrian VS Hill³

Ankylosing Spondylitis: Linda A Bradbury⁴⁸, Claire Farrar⁴⁹, Jennifer J Pointon⁴⁸, Paul Wordsworth⁴⁹, Matthew A Brown^{48,49}

Autoimmune Thyroid Disease: Jayne A Franklyn⁵⁰, Joanne M Heward⁵⁰, Matthew J Simmonds⁵⁰, Stephen CL Gough⁵⁰

Breast Cancer: Sheila Seal⁵¹, Michael R Stratton^{51,52}, Nazneen Rahman⁵¹

Multiple Sclerosis: Maria Ban⁵³, An Goris⁵³, Stephen J Sawcer⁵³, Alastair Compston⁵³

Gambian Controls (Gambia): David Conway⁴⁷, Muminatou Jallow⁴⁷, Melanie Newport⁴⁷, Giorgio Sirugo⁴⁷; **(Oxford):** Kirk A Rockett³, Dominic P Kwiatkowski^{3,5}

DNA, Genotyping, Data QC and Informatics (Wellcome Trust Sanger Institute, Hinxton): Suzannah J Bumpstead⁵, Amy Chaney⁵, Kate Downes^{2,5}, Mohammed JR Ghori⁵, Rhian Gwilliam⁵, Sarah E Hunt⁵, Michael Inouye⁵, Andrew Keniry⁵, Emma King⁵, Ralph McGinnis⁵, Simon Potter⁵, Rathi Ravindrarajah⁵, Pamela Whittaker⁵, Claire Widden⁵, David Withers⁵, Panos Deloukas⁵; **(Cambridge):** Hin-Tak Leung², Sarah Nutland², Helen E Stevens², Neil M Walker², John A Todd²

Statistics (Cambridge): Doug Easton¹², David G Clayton²; **(Leicester):** Paul R Burton¹, Martin D Tobin¹; **(Oxford):** Jeffrey C Barrett³, David M Evans³, Andrew P Morris³, Lon R Cardon³; **(Oxford):** Niall J Cardin¹¹, Dan Davison¹¹, Teresa Ferreira¹¹, Joanne Pereira-Gale¹¹, Ingeleif B Hallgrimsdóttir¹¹, Bryan N Howie¹¹, Jonathan L Marchini¹¹, Chris CA Spencer¹¹, Zhan Su¹¹, Yik Ying Teo^{3,11}, Damjan Vukcevic¹¹, Peter Donnelly¹¹

PIs: David Bentley^{5,54}, Matthew A Brown^{48,49}, Lon R Cardon³, Mark Caulfield³⁸, David G Clayton², Alistair Compston⁵³, Nick Craddock²³, Panos Deloukas⁵, Peter Donnelly¹¹, Martin Farrall³⁹, Stephen CL Gough⁵⁰, Alistair S Hall²⁶, Andrew T Hattersley^{42,43}, Adrian VS Hill³, Dominic P Kwiatkowski^{3,5}, Christopher G Mathew²⁹, Mark I McCarthy^{3,7}, Willem H Ouwehand^{8,9}, Miles Parkes²⁷, Marcus Pembrey^{18,20}, Nazneen Rahman⁵¹, Nilesh J Samani¹⁰, Michael R Stratton^{51,52}, John A Todd², Jane Worthington⁴⁰

¹ Genetic Epidemiology Group, Department of Health Sciences, University of Leicester, Adrian Building, University Road, Leicester, LE1 7RH, UK; ² Juvenile Diabetes Research Foundation/Wellcome Trust Diabetes and Inflammation Laboratory, Department of Medical Genetics, Cambridge Institute for Medical Research, University of Cambridge, Wellcome Trust/MRC Building, Cambridge, CB2 0XY, UK; ³ Wellcome Trust Centre for Human Genetics, University of Oxford, Roosevelt Drive, Oxford OX3 7BN, UK; ⁴ Department of Psychological Medicine, Henry Wellcome Building, School of Medicine, Cardiff University, Heath Park, Cardiff CF14 4XN, UK; ⁵ The Wellcome Trust Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, UK; ⁶ The Wellcome Trust, Gibbs Building, 215 Euston Road, London NW1 2BE, UK; ⁷ Oxford Centre for Diabetes, Endocrinology and Medicine, University of Oxford, Churchill Hospital, Oxford, OX3 7LJ, UK; ⁸ Department of Haematology, University of Cambridge, Long Road, Cambridge, CB2 2PT, UK; ⁹ National Health Service Blood and Transplant, Cambridge Centre, Long Road, Cambridge, CB2 2PT, UK; ¹⁰ Department of Cardiovascular Sciences, University of Leicester, Glenfield Hospital, Groby Road, Leicester, LE3 9QP, UK; ¹¹ Department of Statistics, University of Oxford, 1 South Parks Road, Oxford OX1 3TG, UK; ¹² Cancer Research UK Genetic Epidemiology Unit, Strangeways Research Laboratory, Worts Causeway, Cambridge CB1 8RN, UK; ¹³ National Health Service Blood and Transplant, Sheffield Centre, Longley Lane, Sheffield S5 7JN, UK; ¹⁴ National Health Service Blood and Transplant, Brentwood Centre, Crescent Drive, Brentwood, CM15 8DP, UK; ¹⁵ The Welsh Blood Service, Ely Valley Road, Talbot Green, Pontyclun, CF72 9WB, UK; ¹⁶ The Scottish National Blood Transfusion Service, Ellen's Glen Road, Edinburgh, EH17 7QT, UK; ¹⁷ National Health Service Blood and Transplant, Southampton Centre, Coxford Road, Southampton, SO16 5AF, UK; ¹⁸ Avon Longitudinal Study of Parents and Children, University of Bristol, 24 Tyndall Avenue, Bristol, BS8 1TQ, UK; ¹⁹ Division of Community Health Services, St George's University of London, Cranmer Terrace, London SW17 0RE, UK; ²⁰ Institute of Child Health, University College London, 30 Guilford St, London WC1N 1EH, UK; ²¹ University of Aberdeen, Institute of Medical Sciences, Foresterhill, Aberdeen, AB25 2ZD, UK; ²² Department of Psychiatry, Division of Neuroscience, Birmingham University, Birmingham, B15 2QZ, UK; ²³ Department of Psychological Medicine, Henry Wellcome Building, School of Medicine, Cardiff University, Heath Park, Cardiff CF14 4XN, UK; ²⁴ SGDP, The Institute of Psychiatry, King's College London, De Crespigny Park Denmark Hill London SE5 8AF, UK; ²⁵ School of Neurology, Neurobiology and Psychiatry, Royal Victoria Infirmary, Queen Victoria Road, Newcastle upon Tyne, NE1 4LP, UK; ²⁶ LIGHT and LIMM Research Institutes, Faculty of Medicine and Health, University of Leeds, Leeds, LS1 3EX, UK; ²⁷ IBD Research Group, Addenbrooke's Hospital, University of Cambridge, Cambridge, CB2 2QQ, UK; ²⁸ Gastrointestinal Unit, School of Molecular and Clinical Medicine, University of Edinburgh, Western General Hospital, Edinburgh EH4 2XU UK; ²⁹ Department of Medical & Molecular Genetics, King's College London School of Medicine, 8th Floor Guy's Tower, Guy's Hospital, London, SE1 9RT, UK; ³⁰ Institute for Digestive Diseases, University College

London Hospitals Trust, London, NW1 2BU, UK;³¹ Department of Gastroenterology, Guy's and St Thomas' NHS Foundation Trust, London, SE1 7EH, UK;³² Department of Gastroenterology & Hepatology, University of Newcastle upon Tyne, Royal Victoria Infirmary, Newcastle upon Tyne, NE1 4LP, UK;³³ Gastroenterology Unit, Radcliffe Infirmary, University of Oxford, Oxford, OX2 6HE, UK;³⁴ Medicine and Therapeutics, Aberdeen Royal Infirmary, Foresterhill, Aberdeen, Grampian AB9 2ZB, UK;³⁵ Clinical Pharmacology Unit and the Diabetes and Inflammation Laboratory, University of Cambridge, Addenbrookes Hospital, Hills Road, Cambridge CB2 2QQ, UK;³⁶ Centre National de Genotypage, 2, Rue Gaston Cremieux, Evry, Paris 91057.;³⁷ BHF Glasgow Cardiovascular Research Centre, University of Glasgow, 126 University Place, Glasgow, G12 8TA, UK;³⁸ Clinical Pharmacology and Barts and The London Genome Centre, William Harvey Research Institute, Barts and The London, Queen Mary's School of Medicine, Charterhouse Square, London EC1M 6BQ, UK;³⁹ Cardiovascular Medicine, University of Oxford, Wellcome Trust Centre for Human Genetics, Roosevelt Drive, Oxford OX3 7BN, UK;⁴⁰ arc Epidemiology Research Unit, University of Manchester, Stopford Building, Oxford Rd, Manchester, M13 9PT, UK;⁴¹ Department of Paediatrics, University of Cambridge, Addenbrooke's Hospital, Cambridge, CB2 2QQ, UK;⁴² Genetics of Complex Traits, Institute of Biomedical and Clinical Science, Peninsula Medical School, Magdalen Road, Exeter EX1 2LU UK;⁴³ Diabetes Genetics, Institute of Biomedical and Clinical Science, Peninsula Medical School, Barrack Road, Exeter EX2 5DU UK;⁴⁴ Centre for Diabetes and Metabolic Medicine, Barts and The London, Royal London Hospital, Whitechapel, London, E1 1BB UK;⁴⁵ Diabetes Research Group, School of Clinical Medical Sciences, Newcastle University, Framlington Place, Newcastle upon Tyne NE2 4HH, UK;⁴⁶ The MRC Centre for Causal Analyses in Translational Epidemiology, Bristol University, Canynge Hall, Whiteladies Rd, Bristol BS2 8PR, UK;⁴⁷ MRC Laboratories, Fajara, The Gambia;⁴⁸ Diamantina Institute for Cancer, Immunology and Metabolic Medicine, Princess Alexandra Hospital, University of Queensland, Woolloongabba, Qld 4102, Australia;⁴⁹ Botnar Research Centre, University of Oxford, Headington, Oxford OX3 7BN, UK;⁵⁰ Department of Medicine, Division of Medical Sciences, Institute of Biomedical Research, University of Birmingham, Edgbaston, Birmingham B15 2TT, UK;⁵¹ Section of Cancer Genetics, Institute of Cancer Research, 15 Cotswold Road, Sutton, SM2 5NG, UK;⁵² Cancer Genome Project, The Wellcome Trust Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, UK;⁵³ Department of Clinical Neurosciences, University of Cambridge, Addenbrooke's Hospital, Hills Road, Cambridge CB2 2QQ, UK;⁵⁴ PRESENT ADDRESS: Illumina Cambridge, Chesterford Research Park, Little Chesterford, Nr Saffron Walden, Essex, CB10 1XL, UK.

Table S1. Meta-analysis results.

Column descriptions.

Column	Definition
snpid	SNP rs number
hg18chr	Location of SNP, hg18, B36 coordinates
bp	Location of SNP, hg18, B36 coordinates
Ref_allele	reference allele
BIP_type	SNP type in BIP GWAS (G=genotyped, I=imputed)
MDD_type	SNP type in MDD GWAS (G=genotyped, I=imputed)
geneName	Gene in which SNP located
inGene	=1 if SNP within transcript, =0 if within 50 kb, =blank if inter-genic
bpval	P-value in primary BIP GWAS (additive model, 1 df test)
mpval	P-value in primary MDD GWAS (additive model, 1 df test)
pvalFix	Meta-analysis p-value using fixed effects model
Increased_support	Did support for this SNP increase in meta-analysis? (yes or blank)

For bpval, mpval, and pvalFix, shading:

p < 1e-5
p < 5e-8

snpid	hg18chr	bp	Ref_allele	BIP_type	MDD_type	geneName	inGene	bpval	mpval	pvalFix	Increased support
rs6665621	1	101,655,620	G	I	I			8.1E-06	9.1E-01	1.3E-04	
rs7556416	1	101,679,493	A	I	G			8.1E-06	8.7E-01	1.5E-04	
rs1777877	1	101,703,485	G	I	I			7.6E-06	8.9E-01	7.7E-05	
rs1777867	1	101,710,370	C	I	I			5.6E-06	8.5E-01	5.4E-05	
rs1948368	1	101,711,065	G	I	I			5.6E-06	8.5E-01	5.4E-05	
rs726646	1	101,711,251	T	I	I			5.6E-06	8.5E-01	5.4E-05	
rs1419103	1	101,713,244	A	I	I			5.6E-06	8.6E-01	5.6E-05	
rs1777894	1	101,713,397	C	I	I			5.6E-06	8.6E-01	5.6E-05	
rs1776911	1	101,713,973	A	I	G			5.6E-06	8.7E-01	5.7E-05	
rs6727384	2	96,764,051	G	I	I	CNNM4 FER1L5 LMAN2L	0	6.4E-06	1.7E-01	1.2E-03	

rs2271893	2	96,769,167	A	I	I	CNNM4 FER1L5 LMAN2L	0	6.3E-06	2.9E-01	6.8E-04	
rs6746896	2	96,774,676	G	G	G	CNNM4 FER1L5 LMAN2L	0	3.7E-06	2.9E-01	4.8E-04	
rs2314398	2	96,777,215	G	I	I	CNNM4 FER1L5 LMAN2L	0	2.8E-06	3.8E-01	2.8E-04	
rs968470	2	96,787,353	C	I	I	CNNM4 LMAN2L	0	6.4E-06	1.8E-01	1.2E-03	
rs994430	2	96,802,728	T	I	I	CNNM3 CNNM4 LMAN2L	0	6.4E-06	1.8E-01	1.1E-03	
rs6730773	2	96,805,370	G	I	I	CNNM3 CNNM4 LMAN2L	0	6.4E-06	1.8E-01	1.1E-03	
rs7586317	2	96,811,558	A	I	I	CNNM3 CNNM4 LMAN2L	0	6.4E-06	1.9E-01	1.1E-03	
rs7608661	2	96,823,647	G	I	I	ANKRD23 CNNM3 CNNM4	0	6.4E-06	2.0E-01	1.0E-03	
rs1318597	2	96,826,822	C	I	I	ANKRD23 CNNM3 CNNM4	0	6.4E-06	2.0E-01	1.0E-03	
rs4972755	2	175,948,095	A	I	I			3.1E-04	1.8E-03	2.8E-06	yes
rs2461772	2	175,981,513	C	I	I			7.5E-04	1.8E-03	7.6E-06	yes
rs2461771	2	175,985,624	C	I	I			7.5E-04	1.8E-03	7.7E-06	yes
rs2437910	2	175,985,730	T	I	I			7.5E-04	1.8E-03	7.7E-06	yes
rs1601875	3	3,633,840	A	G	G			6.9E-06	1.5E-01	1.4E-03	
rs6762678	3	21,673,694	G	G	G	ZNF385D	1	5.3E-06	8.9E-01	1.0E-04	
rs1320291	3	21,677,747	A	I	I	ZNF385D	1	6.4E-06	9.3E-01	1.1E-04	
rs1320290	3	21,677,878	G	I	I	ZNF385D	1	6.6E-06	9.3E-01	1.1E-04	
rs3821396	3	21,681,373	A	I	I	ZNF385D	1	4.6E-06	9.3E-01	8.2E-05	
rs1481631	3	100,170,712	T	I	I			2.1E-01	1.7E-06	2.0E-01	
rs1395241	4	126,578,906	G	I	I	FAT4	1	9.1E-05	3.2E-02	8.1E-06	yes
rs9479307	6	152,752,738	T	I	I	SYNE1	1	1.5E-05	7.2E-02	3.3E-06	yes
rs1489586	6	152,773,950	T	I	I	SYNE1	1	1.5E-05	9.1E-02	4.3E-06	yes
rs742784	6	152,778,430	C	I	G	SYNE1	1	1.5E-05	9.4E-02	4.5E-06	yes
rs761408	6	152,778,505	T	I	I	SYNE1	1	1.5E-05	9.4E-02	4.4E-06	yes
rs2092602	6	152,778,785	C	I	I	SYNE1	1	1.3E-05	9.3E-02	3.8E-06	yes
rs7738528	6	152,780,028	C	I	I	SYNE1	1	1.3E-05	9.3E-02	3.8E-06	yes
rs17082664	6	152,780,447	G	I	I	SYNE1	1	3.6E-06	9.1E-02	1.2E-06	yes
rs6557219	6	152,785,141	A	I	I	SYNE1	1	1.5E-05	9.0E-02	4.2E-06	yes
rs6913500	6	152,785,700	T	I	I	SYNE1	1	1.5E-05	8.9E-02	4.2E-06	yes
rs9479313	6	152,786,443	C	G	I	SYNE1	1	3.4E-05	8.9E-02	8.8E-06	yes
rs6909684	6	152,787,826	C	I	I	SYNE1	1	1.5E-05	8.9E-02	4.1E-06	yes
rs9479314	6	152,789,014	T	I	I	SYNE1	1	1.4E-05	8.8E-02	3.9E-06	yes
rs12661143	6	152,793,953	C	I	I	SYNE1	1	1.5E-05	9.1E-02	4.3E-06	yes
rs214961	6	152,823,432	G	I	I	SYNE1	1	1.2E-05	2.0E-01	9.0E-06	yes
rs2522831	7	82,286,036	C	I	I	PCLO	1	6.4E-02	6.5E-06	1.2E-04	
rs2715147	7	82,286,341	T	I	I	PCLO	1	5.6E-02	6.4E-06	9.8E-05	
rs2715148	7	82,287,971	C	I	G	PCLO	1	6.6E-02	6.4E-06	1.3E-04	
rs2522832	7	82,288,300	A	I	I	PCLO	1	6.3E-02	6.3E-06	1.2E-04	
rs1044639	7	82,289,494	G	I	I	PCLO	1	4.0E-02	6.9E-06	5.9E-05	
rs2522833	7	82,291,644	C	I	G	PCLO	1	4.0E-02	6.7E-06	5.9E-05	
rs2247523	7	82,292,340	G	I	I	PCLO	1	6.3E-02	5.2E-06	1.1E-04	
rs2371214	7	82,292,608	C	G	I	PCLO	1	7.7E-02	5.3E-06	1.5E-04	

rs2715150	7	82,293,831	G	I	I	PCLO	1	3.8E-02	7.1E-06	5.6E-05	
rs2715152	7	82,295,602	A	I	I	PCLO	1	4.0E-02	7.3E-06	6.0E-05	
rs2715155	7	82,299,990	G	I	I	PCLO	1	4.2E-02	7.8E-06	6.8E-05	
rs2715156	7	82,300,770	A	I	I	PCLO	1	4.2E-02	8.0E-06	6.9E-05	
rs2257207	7	82,306,120	T	I	I	PCLO	1	4.2E-02	8.5E-06	7.1E-05	
rs2715157	7	82,306,310	G	I	I	PCLO	1	6.3E-02	5.7E-06	1.1E-04	
rs2715158	7	82,307,542	C	I	I	PCLO	1	4.2E-02	8.8E-06	7.2E-05	
rs2522838	7	82,313,493	A	I	I	PCLO	1	4.2E-02	8.9E-06	7.2E-05	
rs2522839	7	82,315,584	G	I	I	PCLO	1	4.2E-02	9.1E-06	7.3E-05	
rs2522840	7	82,316,351	G	I	G	PCLO	1	4.2E-02	9.2E-06	7.3E-05	
rs2522841	7	82,317,130	T	I	I	PCLO	1	4.2E-02	9.1E-06	7.3E-05	
rs2522843	7	82,317,658	A	G	I	PCLO	1	4.2E-02	9.1E-06	7.4E-05	
rs2522844	7	82,318,028	T	I	I	PCLO	1	4.2E-02	9.1E-06	7.3E-05	
rs2371362	7	82,334,190	C	I	I	PCLO	1	3.9E-02	8.5E-06	6.4E-05	
rs2888019	7	82,341,345	T	G	I	PCLO	1	3.4E-02	9.9E-06	5.5E-05	
rs17161329	7	86,608,042	T	I	G	DMTF1	0	1.8E-04	5.2E-03	3.5E-06	yes
rs11773103	7	86,659,916	G	I	I	C7orf23 DMTF1	0	8.1E-05	4.2E-03	1.3E-06	yes
rs11971131	7	86,661,555	C	I	I	C7orf23 DMTF1	0	8.0E-05	4.2E-03	1.3E-06	yes
rs11771569	7	86,676,004	A	I	I	C7orf23 DMTF1	1	8.0E-05	4.4E-03	1.3E-06	yes
rs216345	9	33,789,370	T	G	I	PRSS3 UBE2R2	0	4.1E-06	5.9E-01	1.9E-04	
rs216358	9	33,798,376	C	I	G	PRSS3 UBE2R2	0	4.5E-06	6.3E-01	1.8E-04	
rs2248910	9	33,828,475	T	I	I	PRSS3 UBE2R2	0	6.0E-06	7.5E-01	1.6E-04	
rs471371	9	33,860,844	T	I	I	UBE2R2	1	6.2E-06	7.4E-01	1.7E-04	
rs2196	9	33,904,308	T	I	G	SNORD121A SNORD121B UBAP2 UBE2R2	0	6.4E-06	7.4E-01	1.8E-04	
rs4879734	9	33,905,904	G	I	I	SNORD121A SNORD121B UBAP2 UBE2R2	0	6.4E-06	7.3E-01	1.8E-04	
rs307652	9	33,925,736	A	G	I	SNORD121A SNORD121B UBAP2 UBE2R2	0	7.0E-06	6.9E-01	2.1E-04	
rs307660	9	33,932,930	C	I	I	SNORD121A SNORD121B UBAP2 UBE2R2	0	5.3E-06	6.9E-01	1.7E-04	
rs307654	9	33,938,652	T	I	I	SNORD121A SNORD121B UBAP2 UBE2R2	0	5.3E-06	6.9E-01	1.7E-04	
rs307661	9	33,950,152	T	I	I	SNORD121A SNORD121B UBAP2 UBE2R2	0	5.3E-06	6.3E-01	2.0E-04	
rs307703	9	33,975,465	G	I	G	SNORD121A UBAP2	0	5.3E-06	7.2E-01	1.6E-04	
rs12342186	9	34,038,792	C	I	I	UBAP2 WDR40A	1	6.1E-06	6.7E-01	2.0E-04	
rs10814065	9	34,043,815	G	I	I	UBAP2 WDR40A	0	6.1E-06	6.5E-01	2.1E-04	
rs7042161	9	112,237,084	T	I	G	SVEP1	1	5.8E-06	3.3E-01	5.5E-04	
rs4130590	9	129,147,785	A	I	I	GARNL3	1	3.1E-06	9.2E-01	4.2E-05	
rs7041940	9	129,149,567	T	I	I	GARNL3 SLC2A8	1	3.1E-06	9.2E-01	4.2E-05	
rs6478770	9	129,152,052	T	I	I	GARNL3 SLC2A8	1	3.1E-06	9.3E-01	4.3E-05	
rs1780437	10	34,296,809	A	I	I			5.4E-01	7.5E-06	9.2E-02	

rs1705016	10	34,297,544	A	G	I			6.1E-01	7.0E-06	7.5E-02	
rs1780436	10	34,297,618	A	G	G			5.2E-01	6.7E-06	9.5E-02	
rs1380459	10	61,767,337	T	I	I	ANK3	1	4.7E-07	8.9E-01	1.7E-05	
rs10994308	10	61,768,958	A	I	I	ANK3	1	4.7E-07	8.6E-01	1.8E-05	
rs10994322	10	61,806,285	T	G	I	ANK3	1	5.5E-07	8.7E-01	2.0E-05	
rs4948412	10	61,816,582	C	I	I	ANK3	1	1.6E-07	8.6E-01	7.8E-06	
rs3808943	10	61,821,021	T	G	I	ANK3	0	9.5E-07	8.5E-01	3.1E-05	
rs12416380	10	61,826,160	G	I	G	ANK3	0	1.8E-07	8.2E-01	9.8E-06	
rs4948417	10	61,831,624	G	I	I	ANK3	0	1.8E-07	8.3E-01	9.5E-06	
rs10994336	10	61,849,818	T	I	I	ANK3	0	9.1E-09	9.4E-01	5.0E-07	
rs10994338	10	61,851,134	A	I	I	ANK3	0	9.1E-09	9.3E-01	4.8E-07	
rs4948418	10	61,855,500	T	I	G	ANK3	0	1.7E-07	7.2E-01	2.4E-06	
rs9633553	10	61,944,743	G	I	I			1.3E-06	7.6E-01	5.1E-05	
rs10994397	10	61,949,130	T	I	G			6.4E-07	1.0E+00	1.5E-05	
rs12412135	10	61,952,840	T	I	I			2.8E-06	7.8E-01	2.6E-05	
rs10821789	10	61,955,344	A	I	I			2.8E-06	7.8E-01	2.6E-05	
rs10994404	10	61,958,451	C	I	I			2.8E-06	8.0E-01	2.7E-05	
rs1938540	10	61,964,820	T	I	I			3.0E-07	1.0E+00	8.8E-06	
rs10821792	10	61,968,622	T	G	I			1.2E-07	1.0E+00	4.3E-06	
rs1938526	10	61,970,389	G	G	G			1.3E-08	1.0E+00	8.0E-07	
rs10994415	10	61,992,040	C	I	I			1.7E-07	3.1E-01	5.4E-05	
rs2154393	10	61,996,693	T	I	I			1.7E-07	2.6E-01	6.7E-05	
rs16915196	10	62,029,865	G	G	I			8.8E-06	7.2E-01	2.3E-04	
rs10994429	10	62,041,085	T	I	I			4.7E-06	7.3E-01	1.4E-04	
rs703965	10	80,625,073	T	I	I	ZMIZ1	1	7.5E-06	2.6E-01	8.6E-04	
rs1944449	11	78,760,897	T	I	I	ODZ4 hsa-mir-708	1	5.3E-06	7.2E-01	3.6E-05	
rs12290811	11	78,761,268	A	G	G	ODZ4 hsa-mir-708	1	3.6E-06	7.1E-01	2.6E-05	
rs10501439	11	78,763,494	G	I	I	ODZ4 hsa-mir-708	1	5.9E-06	6.5E-01	3.2E-05	
rs544368	11	124,043,205	T	G	G	PANX3 SIAE SPA17 TBRG1	0	6.0E-06	7.2E-01	3.9E-05	
rs758171	12	2,164,524	G	I	I	CACNA1C	1	9.4E-06	2.7E-01	1.1E-05	
rs11062145	12	2,167,614	T	I	I	CACNA1C	1	5.2E-06	2.6E-01	6.4E-06	
rs10744559	12	2,168,559	T	I	I	CACNA1C	1	5.2E-06	2.6E-01	6.4E-06	
rs2283287	12	2,168,985	C	I	I	CACNA1C	1	5.4E-06	2.5E-01	6.3E-06	
rs2283288	12	2,169,309	T	I	I	CACNA1C	1	5.4E-06	2.5E-01	6.2E-06	
rs2238046	12	2,170,259	C	I	I	CACNA1C	1	3.5E-06	2.3E-01	3.9E-06	
rs2238048	12	2,170,468	G	I	I	CACNA1C	1	3.5E-06	2.3E-01	3.8E-06	
rs2239018	12	2,174,618	T	I	I	CACNA1C	1	2.2E-06	2.4E-01	2.7E-06	
rs2238049	12	2,176,389	G	I	I	CACNA1C	1	3.1E-06	2.8E-01	4.4E-06	
rs2238050	12	2,176,968	A	I	I	CACNA1C	1	2.2E-06	2.3E-01	2.6E-06	
rs2238052	12	2,177,557	A	I	I	CACNA1C	1	4.4E-06	2.1E-01	4.0E-06	yes
rs10459125	12	2,180,125	T	I	I	CACNA1C	1	3.4E-06	2.3E-01	3.6E-06	
rs2239019	12	2,180,571	T	I	I	CACNA1C	1	1.7E-06	2.3E-01	2.0E-06	

rs2239023	12	2,180,877	G	I	G	CACNA1C	1	3.2E-06	2.6E-01	4.0E-06	
rs10848627	12	2,182,669	G	I	I	CACNA1C	1	1.5E-06	2.3E-01	1.8E-06	
rs10848628	12	2,182,750	C	I	I	CACNA1C	1	1.5E-06	2.3E-01	1.8E-06	
rs12422554	12	2,182,881	C	I	I	CACNA1C	1	1.7E-06	2.3E-01	2.0E-06	
rs10848629	12	2,183,158	T	I	I	CACNA1C	1	1.7E-06	2.3E-01	2.0E-06	
rs4765902	12	2,183,226	A	G	I	CACNA1C	1	3.5E-06	2.3E-01	3.8E-06	
rs4765670	12	2,183,387	G	I	I	CACNA1C	1	3.3E-06	2.3E-01	3.6E-06	
rs10774033	12	2,184,687	T	I	I	CACNA1C	1	2.8E-06	2.3E-01	3.1E-06	
rs758173	12	2,185,489	A	I	I	CACNA1C	1	1.5E-06	2.3E-01	1.9E-06	
rs758174	12	2,185,967	C	I	I	CACNA1C	1	2.3E-06	2.3E-01	2.7E-06	
rs10848632	12	2,186,254	T	I	I	CACNA1C	1	1.9E-06	2.2E-01	2.1E-06	
rs10848633	12	2,186,280	G	G	I	CACNA1C	1	3.1E-06	2.2E-01	3.2E-06	
rs10848634	12	2,186,388	C	G	I	CACNA1C	1	2.8E-06	2.3E-01	3.2E-06	
rs10848635	12	2,186,456	A	G	I	CACNA1C	1	7.9E-07	2.4E-01	1.1E-06	
rs10848636	12	2,186,754	T	G	I	CACNA1C	1	1.6E-06	2.4E-01	2.0E-06	
rs2238053	12	2,187,357	C	I	I	CACNA1C	1	2.1E-06	2.4E-01	2.6E-06	
rs11062156	12	2,187,784	A	G	I	CACNA1C	1	2.6E-06	2.4E-01	3.1E-06	
rs2238054	12	2,187,905	C	G	I	CACNA1C	1	6.8E-06	2.4E-01	7.1E-06	
rs12424245	12	2,192,774	G	I	I	CACNA1C	1	6.9E-07	1.7E-01	6.0E-07	yes
rs7957545	12	2,194,303	C	I	I	CACNA1C	1	2.1E-06	2.5E-01	2.7E-06	
rs11062159	12	2,196,485	A	I	I	CACNA1C	1	2.6E-06	2.0E-01	2.4E-06	yes
rs11062161	12	2,200,231	C	G	G	CACNA1C	1	3.1E-05	8.0E-02	7.2E-06	yes
rs10774034	12	2,200,719	T	I	I	CACNA1C	1	2.8E-05	8.0E-02	6.6E-06	yes
rs10848642	12	2,201,833	G	I	I	CACNA1C	1	3.8E-06	1.7E-01	2.7E-06	yes
rs11062162	12	2,202,365	G	I	I	CACNA1C	1	2.8E-05	8.0E-02	6.6E-06	yes
rs4765904	12	2,202,654	C	I	I	CACNA1C	1	9.6E-07	1.7E-01	8.0E-07	yes
rs1108221	12	2,203,056	T	I	I	CACNA1C	1	1.4E-06	1.7E-01	1.1E-06	yes
rs1108222	12	2,203,117	A	I	I	CACNA1C	1	3.6E-06	1.7E-01	2.5E-06	yes
rs1108074	12	2,203,745	T	I	I	CACNA1C	1	1.4E-06	1.7E-01	1.1E-06	yes
rs1108073	12	2,203,899	C	I	I	CACNA1C	1	2.8E-05	8.1E-02	6.7E-06	yes
rs769087	12	2,214,905	A	I	I	CACNA1C	1	2.0E-07	8.6E-02	7.8E-08	yes
rs2007044	12	2,215,221	G	I	I	CACNA1C	1	3.7E-07	3.8E-02	5.2E-08	yes
rs1006737	12	2,215,556	A	G	I	CACNA1C	1	7.0E-08	8.6E-02	3.1E-08	yes
rs2159100	12	2,216,654	T	I	G	CACNA1C	1	2.0E-07	8.7E-02	8.0E-08	yes
rs12315711	12	2,217,091	A	I	I	CACNA1C	1	2.0E-07	8.7E-02	8.0E-08	yes
rs11062170	12	2,219,105	C	I	I	CACNA1C	1	2.0E-07	8.6E-02	7.9E-08	yes
rs4765905	12	2,219,845	C	G	I	CACNA1C	1	3.6E-07	8.5E-02	1.4E-07	yes
rs2370413	12	2,225,131	T	I	I	CACNA1C	1	4.1E-06	4.6E-02	6.1E-07	yes
rs7297582	12	2,226,067	T	I	G	CACNA1C	1	2.2E-07	4.0E-02	3.4E-08	yes
rs758170	12	2,231,721	T	I	I	CACNA1C	1	2.0E-07	7.8E-02	7.0E-08	yes
rs10774035	12	2,238,935	T	I	I	CACNA1C	1	2.0E-07	7.9E-02	7.0E-08	yes
rs2239038	12	2,244,391	A	I	I	CACNA1C	1	7.3E-06	7.6E-02	1.8E-06	yes

rs2238057	12	2,254,266	G	I	I	CACNA1C	1	2.3E-05	1.0E-01	7.2E-06	yes
rs10774036	12	2,257,209	T	I	I	CACNA1C	1	2.5E-07	1.0E-01	1.2E-07	yes
rs10744560	12	2,257,360	T	I	I	CACNA1C	1	2.5E-07	1.0E-01	1.2E-07	yes
rs4298967	12	2,278,455	A	I	I	CACNA1C	1	2.2E-07	9.9E-02	1.0E-07	yes
rs1860002	12	2,284,064	C	I	I	CACNA1C	1	5.4E-06	5.7E-02	9.8E-07	yes
rs4765913	12	2,290,157	A	I	I	CACNA1C	1	4.8E-07	3.5E-01	1.3E-06	
rs4765914	12	2,290,638	T	G	I	CACNA1C	1	2.1E-06	3.3E-01	4.2E-06	
rs10774037	12	2,290,787	G	G	G	CACNA1C	1	2.0E-06	3.3E-01	4.0E-06	
rs1262778	13	49,964,624	C	I	I			8.1E-05	3.5E-02	7.9E-06	yes
rs1262776	13	49,966,477	T	I	I			8.1E-05	3.5E-02	7.9E-06	yes
rs1262775	13	49,966,576	T	I	I			8.1E-05	3.5E-02	7.9E-06	yes
rs157164	13	49,982,524	A	I	I			8.1E-05	3.9E-02	8.7E-06	yes
rs192492	13	49,983,698	G	I	I			2.7E-04	1.0E-02	8.9E-06	yes
rs183950	13	49,984,093	T	I	I			8.1E-05	3.9E-02	8.7E-06	yes
rs3116597	13	49,984,365	C	I	I			7.8E-05	3.9E-02	8.4E-06	yes
rs12436436	14	23,451,355	C	I	G	C14orf165 C14orf167 DHRS4	0	4.9E-06	5.5E-01	2.4E-04	
rs10139204	14	23,452,745	A	I	I	C14orf165 C14orf167 DHRS4	0	4.9E-06	5.6E-01	2.4E-04	
rs4923776	15	36,277,536	T	I	I			7.7E-06	9.0E-01	7.8E-05	
rs16966460	15	36,299,275	G	I	I	SPRED1	0	3.7E-06	9.5E-01	6.7E-05	
rs8032887	15	36,300,051	A	I	G	SPRED1	0	3.7E-06	9.4E-01	6.8E-05	
rs16966471	15	36,306,875	A	I	I	SPRED1	0	9.9E-06	9.8E-01	1.3E-04	
rs4924287	15	36,759,469	G	I	I	C15orf53	0	3.7E-05	4.2E-02	4.4E-06	yes
rs7174485	15	36,765,002	A	G	G	C15orf53	0	4.1E-05	6.5E-02	7.5E-06	yes
rs12912251	15	36,773,660	T	I	I	C15orf53	0	1.0E-06	2.0E-01	1.0E-06	
rs12898460	15	36,774,105	T	I	I	C15orf53	0	9.3E-07	2.1E-01	1.0E-06	
rs12903120	15	36,775,389	T	I	I	C15orf53	0	1.0E-06	2.8E-01	1.7E-06	
rs7163869	15	36,775,683	C	I	I	C15orf53	0	1.0E-06	3.1E-01	2.1E-06	
rs7171233	15	36,776,052	A	I	I	C15orf53	0	1.0E-06	3.4E-01	2.4E-06	
rs7165988	15	36,776,107	G	I	G	C15orf53	1	1.0E-06	3.5E-01	2.5E-06	
rs2172835	15	36,777,463	T	G	I	C15orf53	1	7.5E-07	3.7E-01	2.2E-06	
rs12916379	15	36,778,812	G	I	I	C15orf53	1	1.0E-06	4.0E-01	3.1E-06	
rs2132157	15	36,779,839	G	G	I	C15orf53	0	3.4E-06	4.0E-01	8.5E-06	
rs12901215	15	36,780,185	A	I	I	C15orf53	0	4.5E-07	4.0E-01	1.6E-06	
rs12899449	15	36,782,783	G	I	G	C15orf53	0	3.5E-07	6.4E-01	3.3E-06	
rs7183893	15	36,784,273	C	I	I	C15orf53	0	7.2E-07	5.6E-01	4.4E-06	
rs7177621	15	36,786,686	C	I	I	C15orf53	0	1.7E-06	5.6E-01	8.6E-06	
rs2278702	15	78,481,977	T	G	I	ARNT2	0	6.3E-06	2.8E-02	4.6E-03	
rs7226677	18	268,796	G	I	I	COLEC12 THOC1	0	6.7E-06	1.6E-01	4.2E-06	yes