

Members of 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 Marciano³⁸, 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}

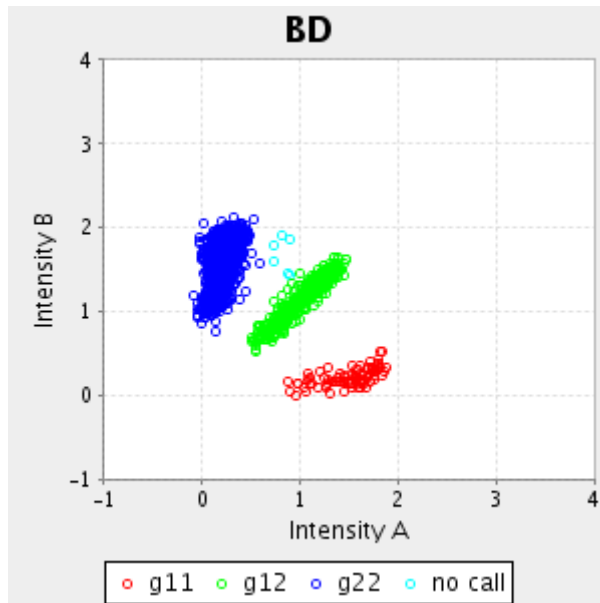
Andrew T Hattersley^{42,43}; **(London)**: Graham A Hitman⁴⁴; **(Newcastle)**: Mark Walker⁴⁵; **(Oxford)**: Kate S Elliott^{3,7}, Christopher J Groves⁷, Cecilia M Lindgren^{3,7}, Nigel W Rayner^{3,7}, Nicholas J Timpson^{3,46}, Eleftheria Zeggini^{3,7}, Mark I McCarthy^{3,7}
Tuberculosis (Gambia): Melanie 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 Ghorri⁵, 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

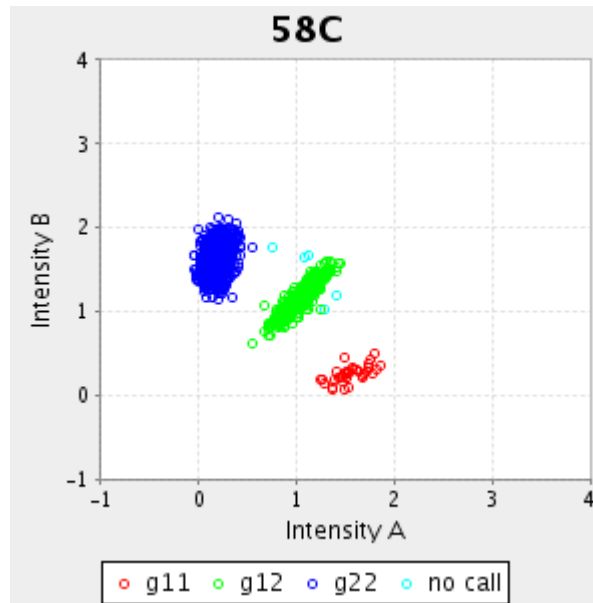
of Medical Sciences, Foresterhill, Aberdeen, AB25 2ZD, UK; ²² Department of Psychiatry, Division of Neuroscience, Birmingham University, Birmingham, B15 2QZ, UK; ²³ Department of Psychological Medicine, Henry Wellcome Building, School of Medicine, Cardiff University, Heath Park, Cardiff CF14 4XN, UK; 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.

Cluster Plots

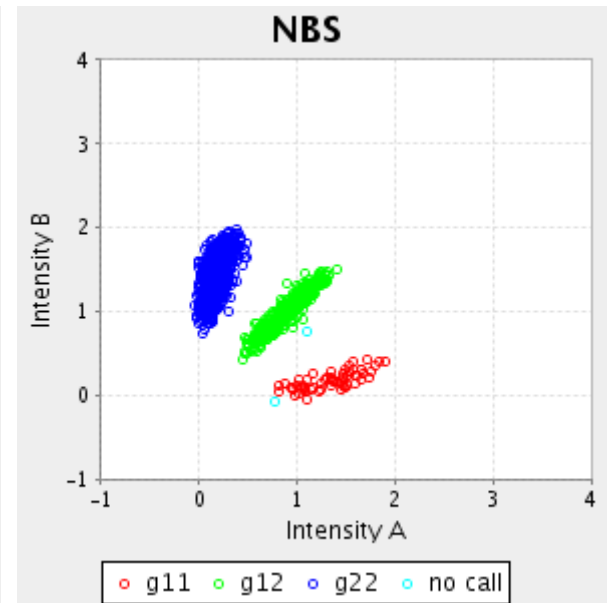
rs4818065



Bipolar disorder

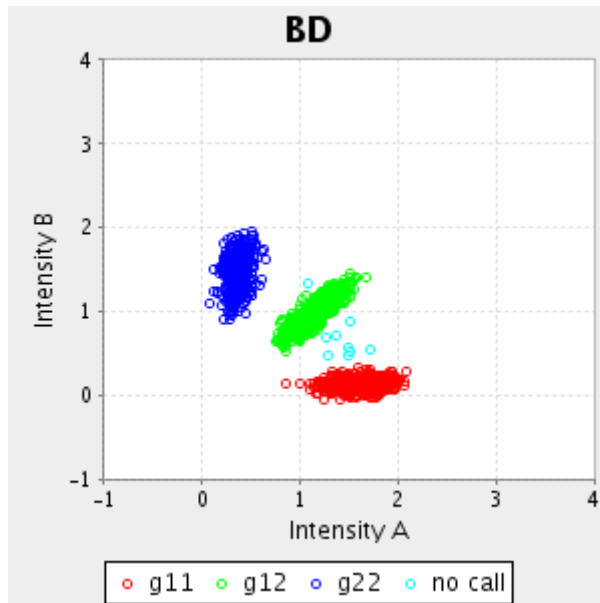


1958 birth cohort controls

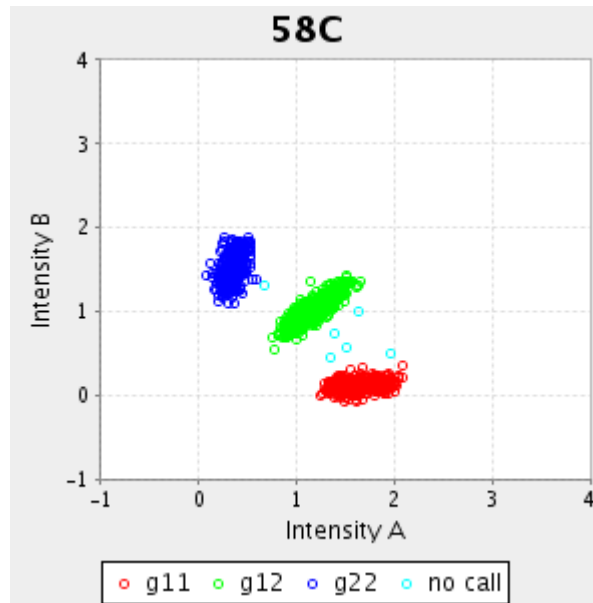


UK Blood Service controls

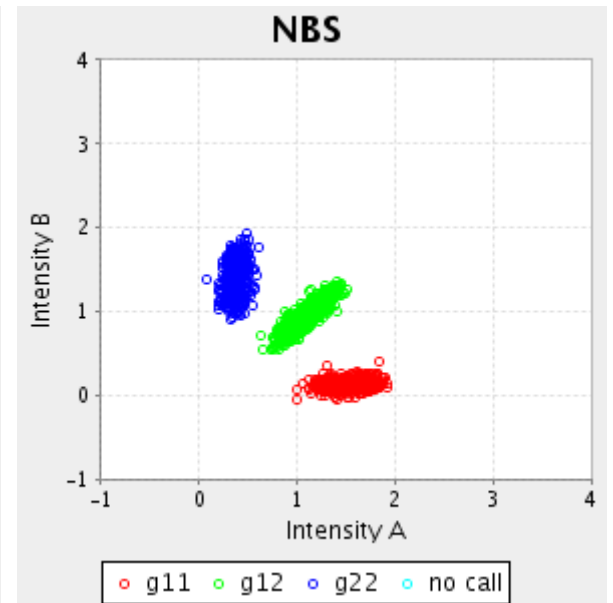
rs2352974



Bipolar disorder

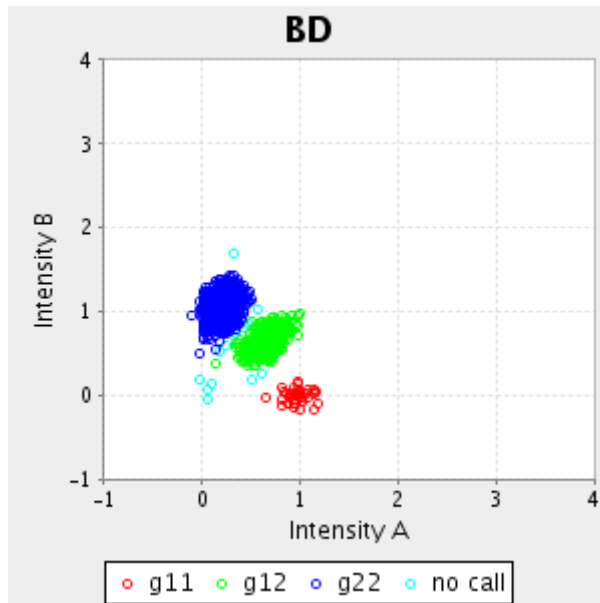


1958 birth cohort controls

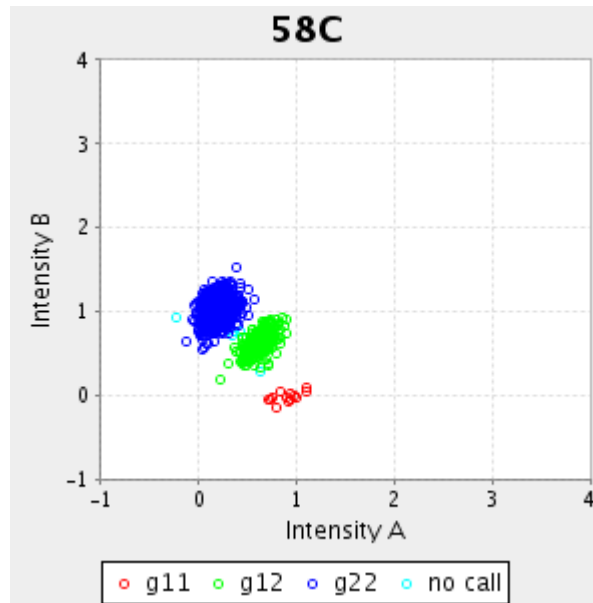


UK Blood Service controls

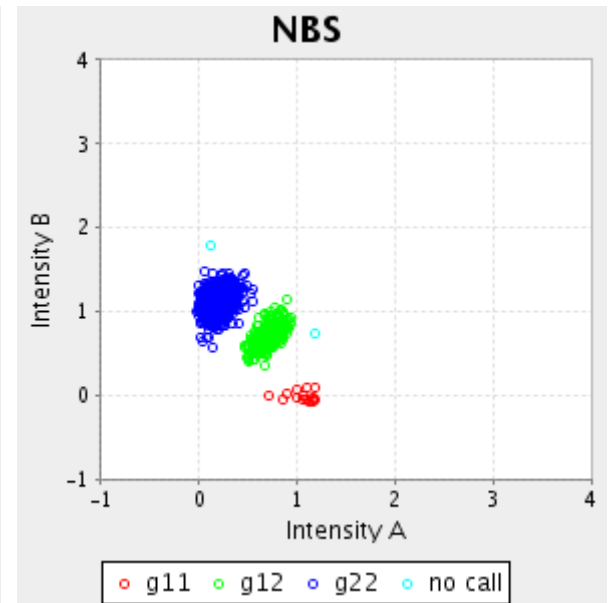
rs16942644



Bipolar disorder

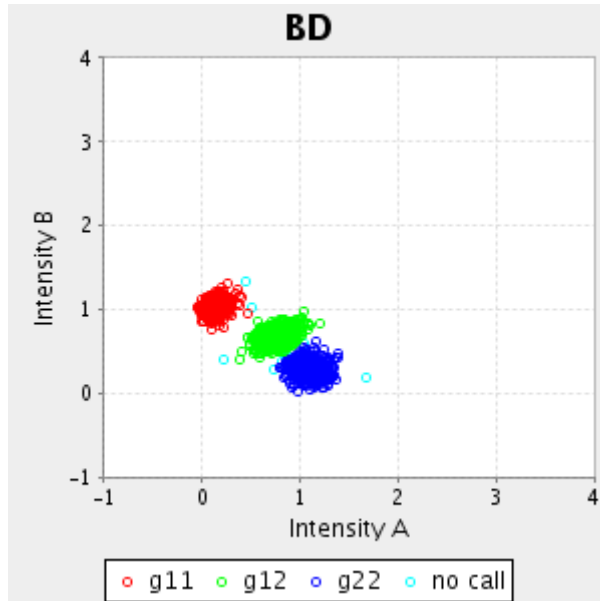


1958 birth cohort controls

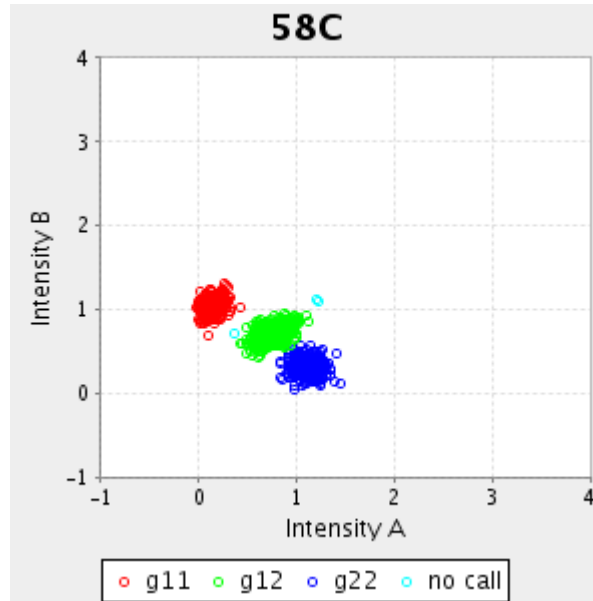


UK Blood Service controls

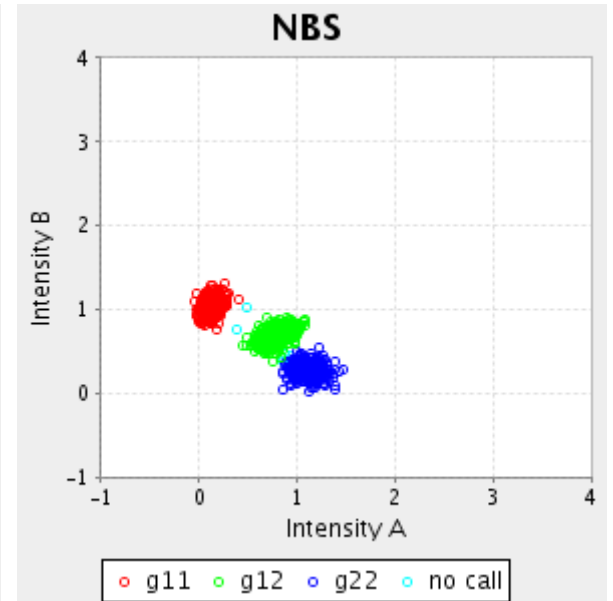
rs4279178



Bipolar disorder

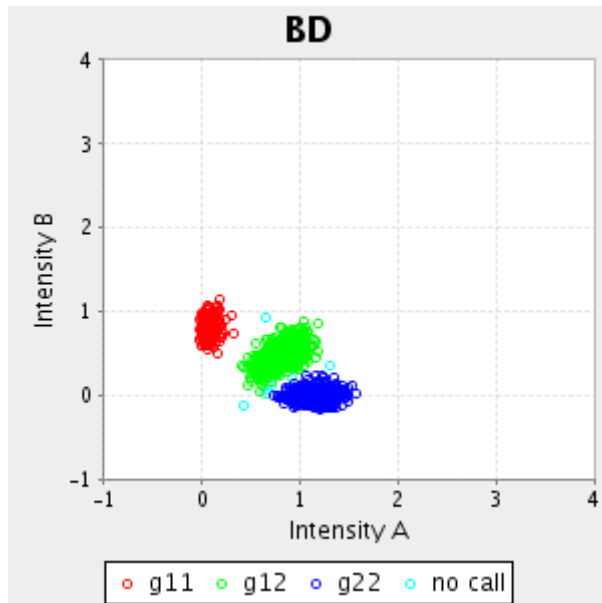


1958 birth cohort controls

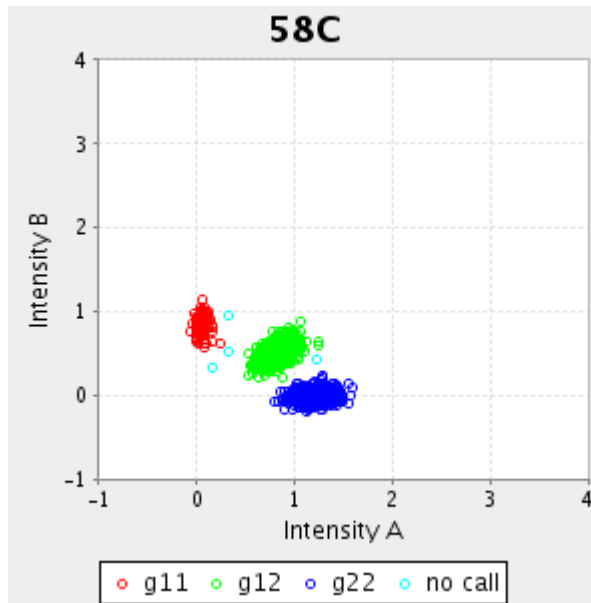


UK Blood Service controls

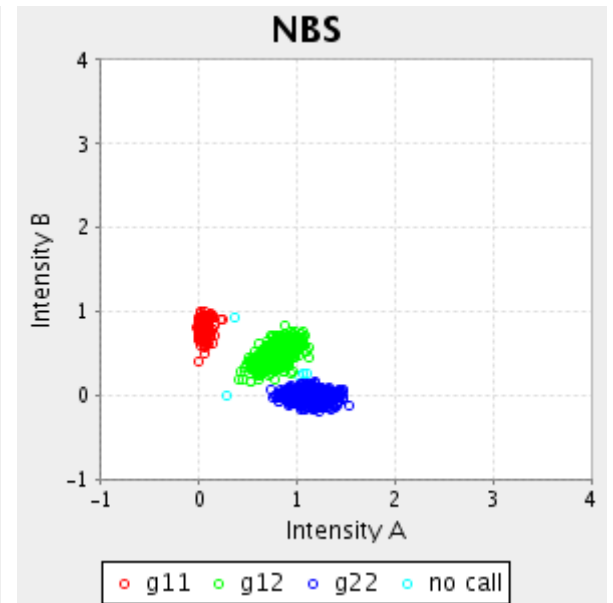
rs13154602



Bipolar disorder

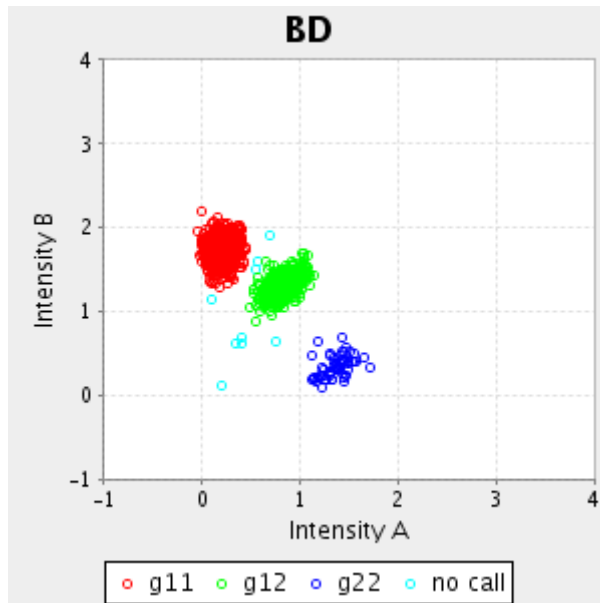


1958 birth cohort controls

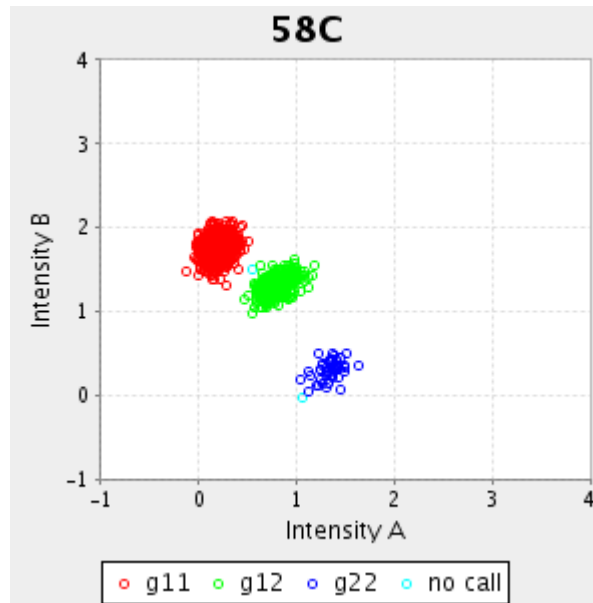


UK Blood Service controls

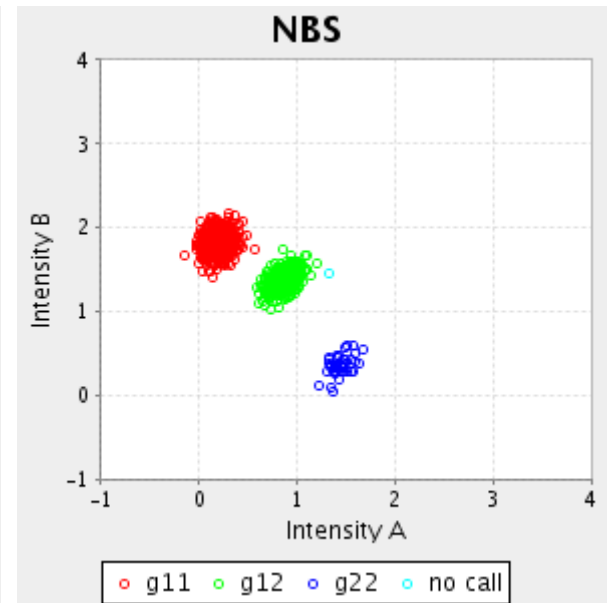
rs7990962



Bipolar disorder

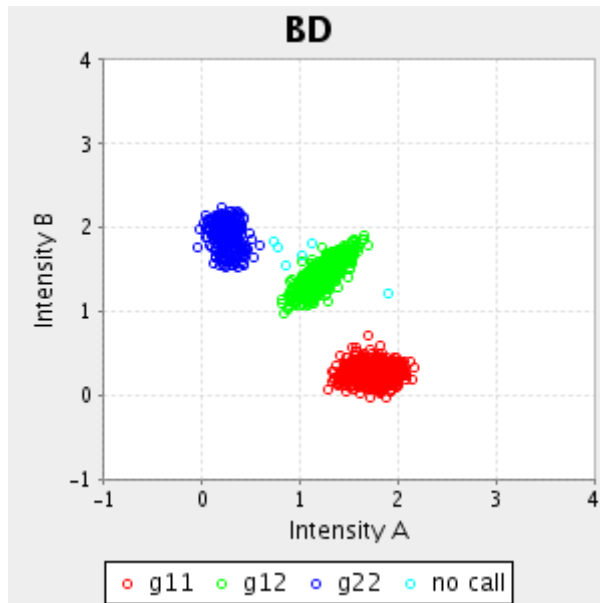


1958 birth cohort controls

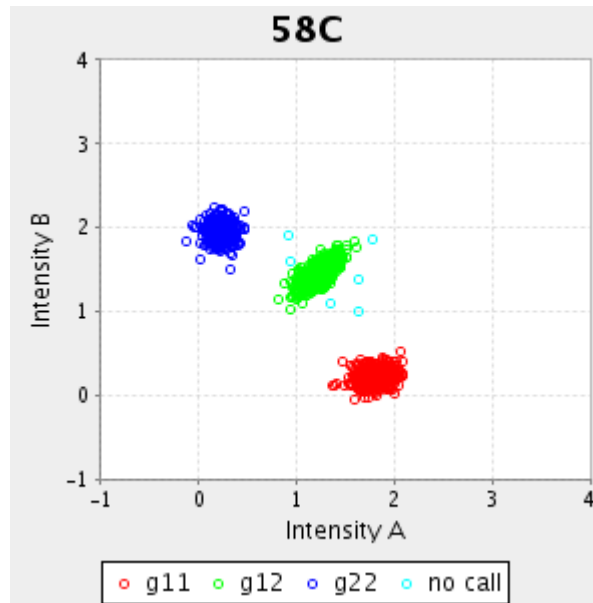


UK Blood Service controls

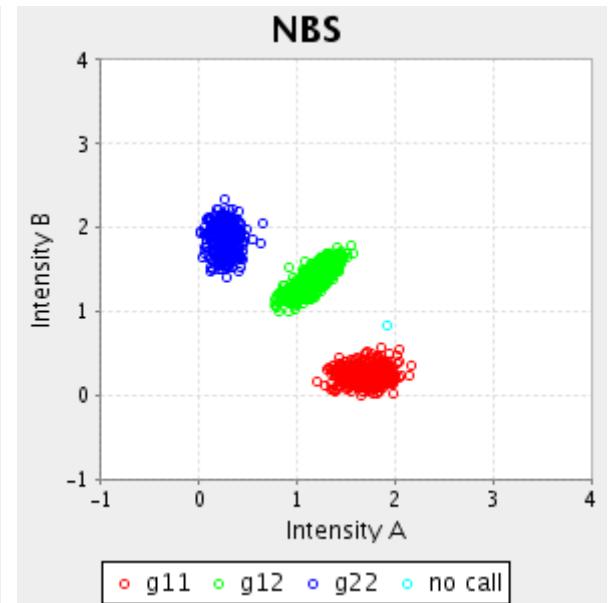
rs4027132



Bipolar disorder

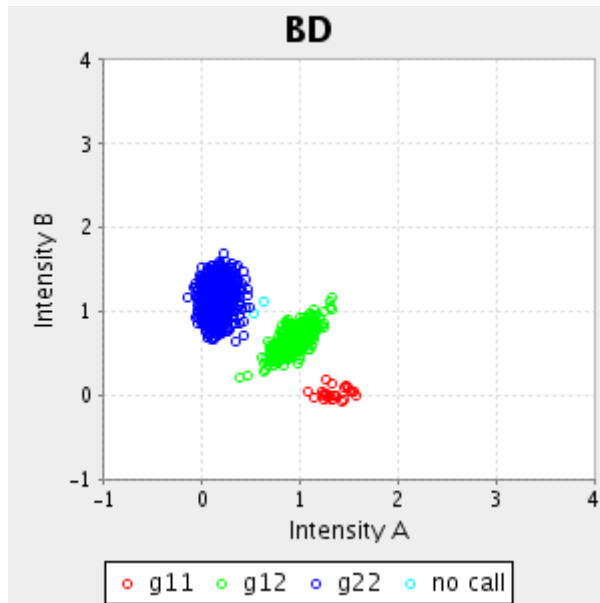


1958 birth cohort controls

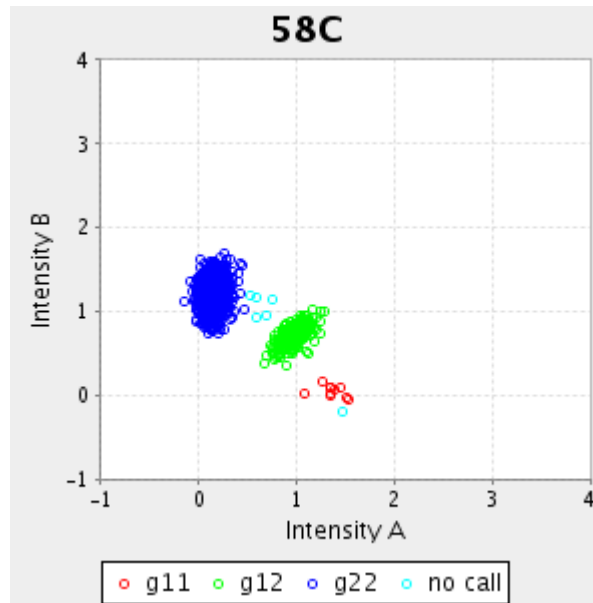


UK Blood Service controls

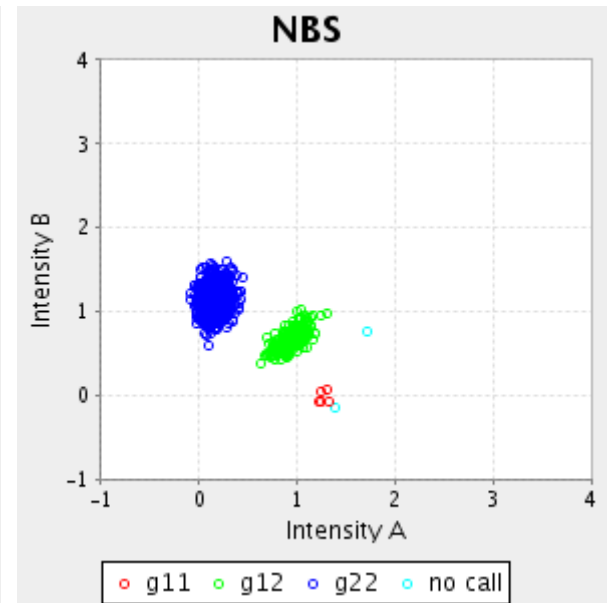
rs7680321



Bipolar disorder

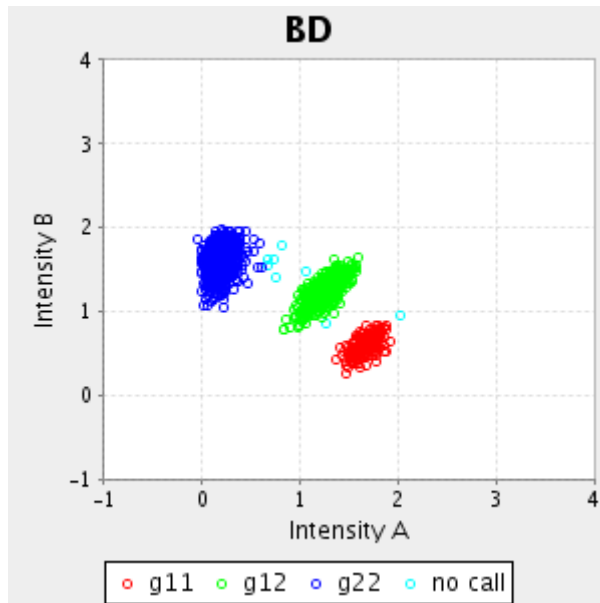


1958 birth cohort controls

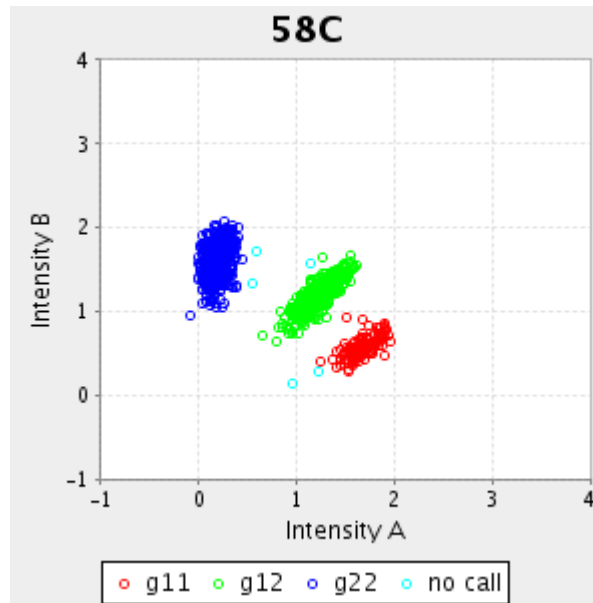


UK Blood Service controls

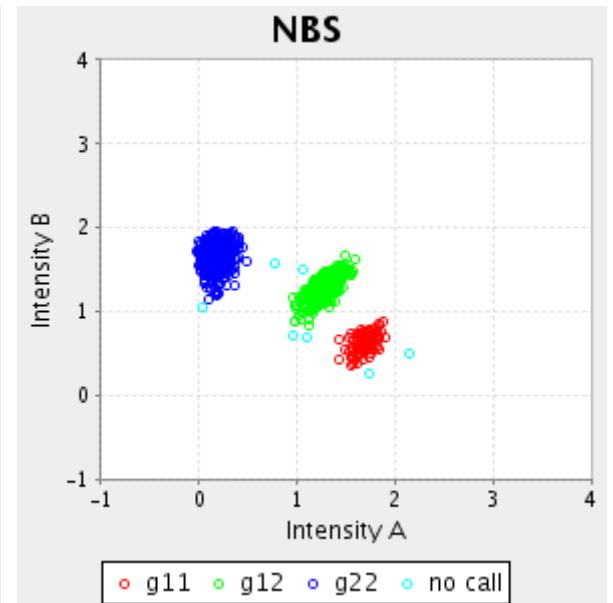
rs1171115



Bipolar disorder

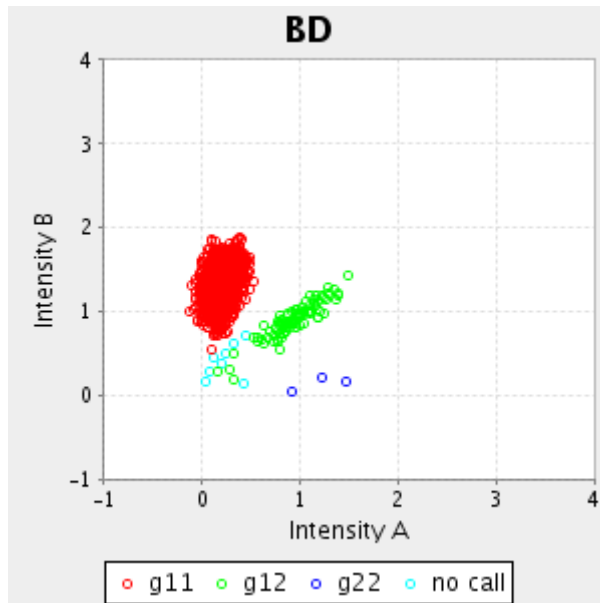


1958 birth cohort controls

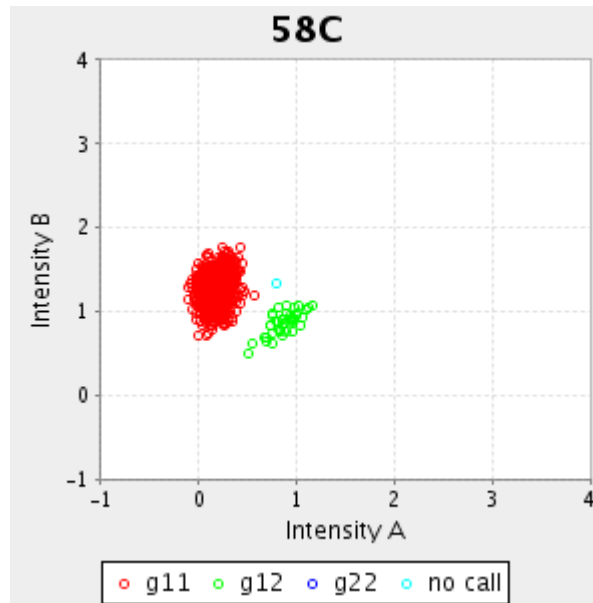


UK Blood Service controls

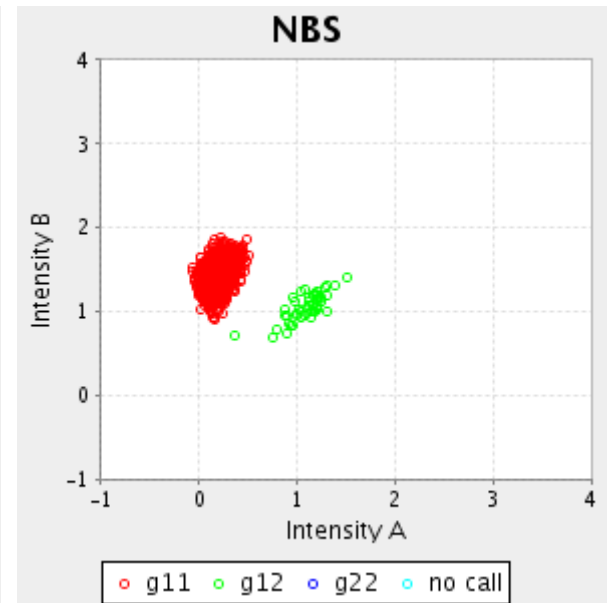
rs4786811



Bipolar disorder

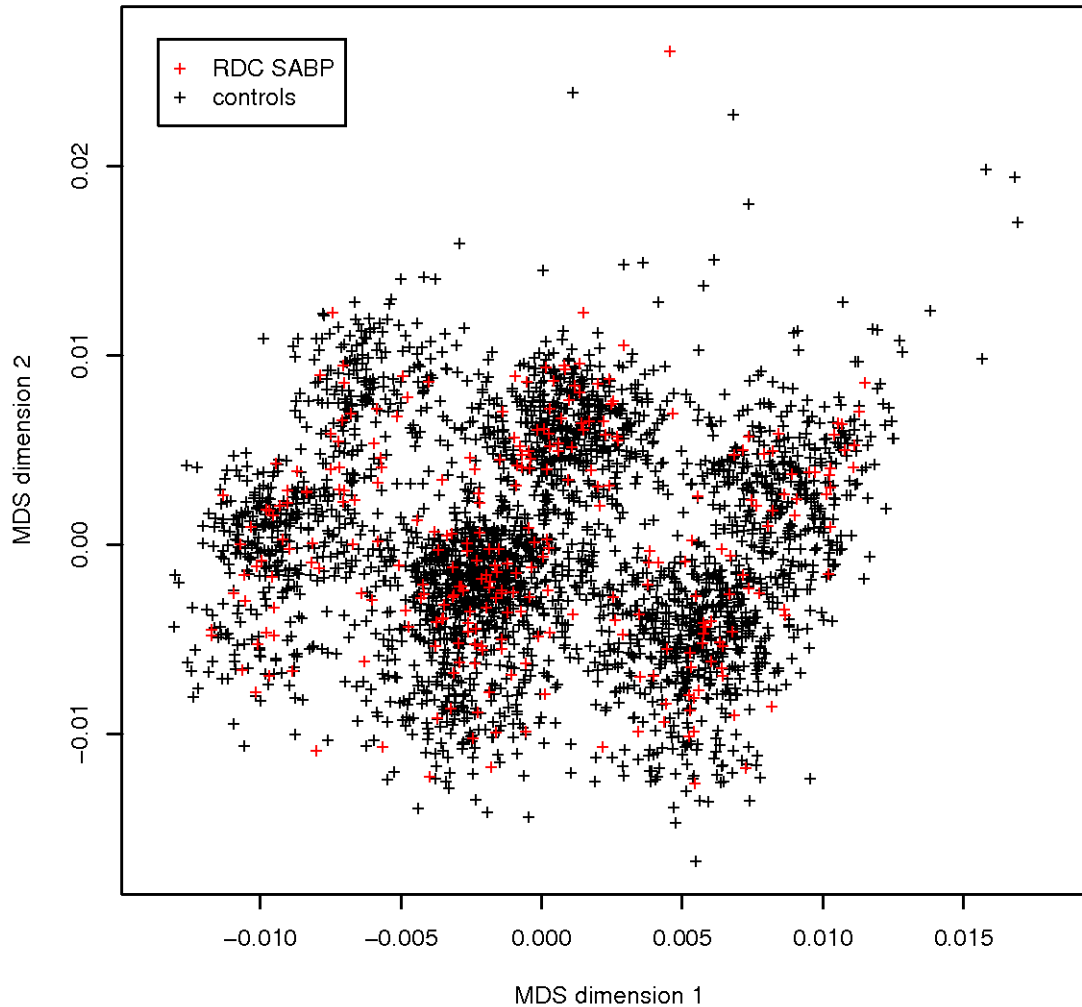


1958 birth cohort controls



UK Blood Service controls

Multidimensional Scaling



Analysis of the WTCCC data demonstrated that the BD sample is closely similar to the controls and this plot demonstrates that this holds for the subset of SABP.

QQ plot of genome-wide
lambda-corrected association
test statistics

Q-Q Armitage trend test

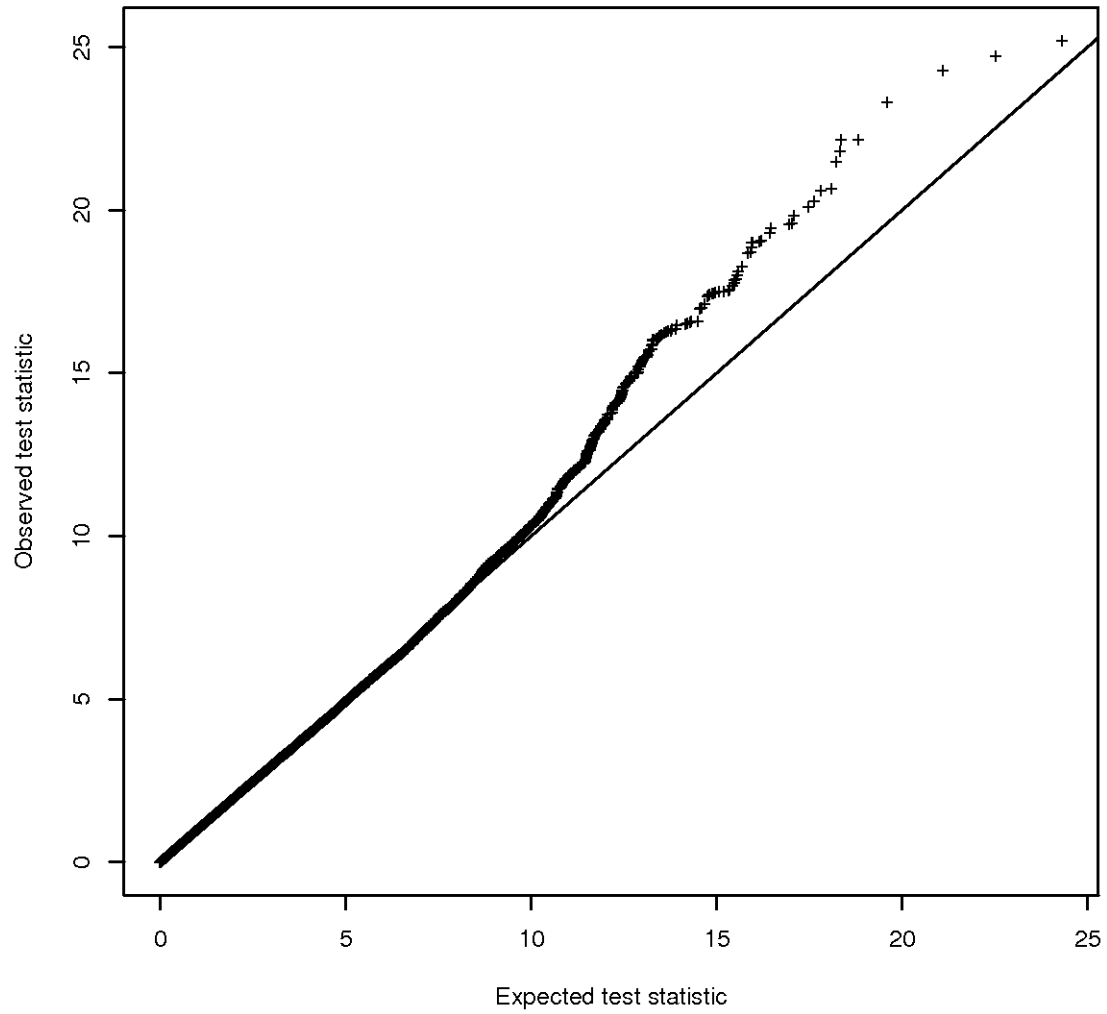


Table DS1: The joint distribution of DSM–IV and Research Diagnostic Criteria (RDC) diagnosis for the bipolar sample

		DSM–IV				Total
		Bipolar disorder I	Bipolar disorder II	Schizoaffective disorder, bipolar type	Bipolar disorder not otherwise specified	
RDC	Bipolar disorder I	1313	1	0	2	1316
	Bipolar disorder II	1	132	0	38	171
	Schizoaffective disorder, bipolar type	179	0	98	2	279
	Manic disorder	101	1	0	0	102
Total		1594	134	98	42	1868

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
21	rs4818065	0.271583	0.181772	5.12E-07
21	rs734413	0.270609	0.181384	6.60E-07
3	rs2352974	0.387097	0.499319	8.27E-07
15	rs16942644	0.170863	0.102354	1.38E-06
3	rs2271961	0.399642	0.506301	2.49E-06
4	rs6414684	0.401079	0.509047	2.49E-06
5	rs13154602	0.363309	0.269441	2.99E-06
15	rs11073831	0.177419	0.109598	3.55E-06
5	rs3934500	0.362007	0.270663	5.44E-06
13	rs7990962	0.252688	0.173025	5.61E-06
2	rs4027132	0.356631	0.459312	6.63E-06
4	rs7680321	0.136201	0.0793245	7.28E-06
6	rs1171115	0.356631	0.264344	8.36E-06
5	rs13170206	0.359712	0.270492	9.60E-06
6	rs512140	0.356631	0.265017	9.64E-06
6	rs9341963	0.360215	0.268825	1.03E-05
6	rs13207536	0.295699	0.211512	1.11E-05
4	rs3934674	0.362007	0.272217	1.26E-05
7	rs9692080	0.553763	0.453663	1.27E-05
6	rs798395	0.354839	0.264806	1.30E-05
7	rs971992	0.243728	0.337082	1.30E-05
3	rs6795255	0.417563	0.323158	1.41E-05
15	rs12595660	0.179211	0.114899	1.50E-05
4	rs1442101	0.134892	0.0797274	1.54E-05
4	rs6447530	0.206093	0.137849	1.90E-05
4	rs4859809	0.305054	0.222582	2.05E-05
4	rs17397262	0.303957	0.221995	2.19E-05
4	rs12645407	0.304659	0.222771	2.20E-05
7	rs2869738	0.561372	0.464554	2.35E-05
4	rs960507	0.303957	0.22226	2.37E-05
4	rs6447534	0.136201	0.0820539	2.47E-05
2	rs6748570	0.145161	0.0883555	2.62E-05
4	rs4368579	0.566308	0.470708	2.75E-05
7	rs971993	0.250896	0.34111	2.81E-05
4	rs2042233	0.302867	0.222147	2.88E-05
7	rs971990	0.251799	0.342016	2.88E-05
4	rs4859790	0.302867	0.222222	2.89E-05
4	rs4859488	0.302867	0.222241	2.94E-05
15	rs16961825	0.132616	0.0793867	2.95E-05
4	rs4859783	0.302867	0.222317	2.99E-05
4	rs10518169	0.301444	0.220895	3.04E-05
4	rs752062	0.302867	0.222411	3.10E-05
4	rs1862359	0.299283	0.219925	3.51E-05
4	rs4859787	0.302158	0.22243	3.71E-05
4	rs2194118	0.302158	0.22245	3.74E-05
9	rs10982246	0.393885	0.488749	3.78E-05
4	rs2059103	0.299283	0.220954	4.61E-05
4	rs10012774	0.30036	0.221655	4.63E-05
4	rs2059105	0.30036	0.22173	4.73E-05
4	rs4859481	0.30036	0.221749	4.75E-05
4	rs4697854	0.0913978	0.0497614	4.87E-05
7	rs10954656	0.563177	0.469997	4.94E-05

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs2059102	0.299283	0.221295	5.22E-05
4	rs2194126	0.299283	0.221295	5.22E-05
4	rs2042231	0.30036	0.222241	5.22E-05
4	rs2059104	0.298561	0.220513	5.25E-05
4	rs2866045	0.299283	0.221446	5.41E-05
4	rs4241616	0.299283	0.221485	5.43E-05
4	rs2059106	0.299283	0.22156	5.52E-05
4	rs9991953	0.299283	0.22156	5.60E-05
4	rs2194117	0.30036	0.222658	5.74E-05
4	rs10010146	0.299283	0.221749	5.83E-05
4	rs888982	0.299283	0.221749	5.83E-05
4	rs9307260	0.299283	0.221825	5.94E-05
4	rs10017165	0.299283	0.221901	6.06E-05
3	rs1522549	0.143369	0.219454	6.09E-05
4	rs17397057	0.299283	0.22192	6.15E-05
2	rs6750277	0.392473	0.30705	6.25E-05
22	rs17435801	0.305054	0.226081	6.25E-05
4	rs2042229	0.299283	0.221995	6.28E-05
12	rs4764639	0.322581	0.411584	6.70E-05
18	rs3760569	0.399642	0.315798	6.80E-05
2	rs7563310	0.243728	0.173883	7.25E-05
4	rs17395298	0.298561	0.221901	7.29E-05
4	rs4608831	0.298561	0.221938	7.40E-05
4	rs4298171	0.274194	0.201874	7.44E-05
4	rs1988614	0.297834	0.221485	7.97E-05
9	rs1073540	0.116487	0.0698668	8.26E-05
12	rs905610	0.321942	0.409881	8.26E-05
6	rs6570569	0.309353	0.231437	8.38E-05
4	rs1458696	0.272401	0.200716	8.55E-05
12	rs7298531	0.322581	0.410116	8.68E-05
3	rs16827322	0.363799	0.283112	8.77E-05
4	rs4475169	0.298561	0.222582	8.81E-05
13	rs1323608	0.261649	0.190054	8.85E-05
2	rs1543061	0.410394	0.325843	9.21E-05
2	rs2136477	0.412186	0.327545	9.40E-05
2	rs4973362	0.410394	0.325894	9.54E-05
4	rs4484325	0.296763	0.221465	9.64E-05
2	rs10192428	0.410394	0.326294	0.000101317
4	rs10034292	0.296763	0.221901	0.000105447
3	rs11130858	0.239209	0.322124	0.000106505
2	rs16834204	0.111111	0.0662692	0.000107039
3	rs6792682	0.146953	0.0942301	0.000107039
19	rs11672818	0.285199	0.370092	0.000112523
10	rs2797130	0.356631	0.277154	0.000114222
7	rs3113288	0.327957	0.415104	0.00011537
6	rs2501184	0.232014	0.313756	0.000115948
22	rs16981741	0.322581	0.245061	0.000115948
7	rs7783847	0.270609	0.354685	0.000120077
6	rs2501194	0.232975	0.314354	0.000120678
9	rs12554091	0.179211	0.121382	0.000121283
4	rs1458692	0.317204	0.242249	0.000121891
7	rs4726715	0.550179	0.462351	0.000124354

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs680638	0.182796	0.25818	0.000126233
9	rs4961665	0.335125	0.257927	0.000126866
10	rs11598789	0.0322581	0.0773952	0.000128141
3	rs9858542	0.360215	0.281815	0.000134042
4	rs6832008	0.317204	0.242672	0.00013539
12	rs1480039	0.116487	0.0702832	0.00013539
3	rs924517	0.435484	0.352981	0.000141627
6	rs4711998	0.175627	0.250512	0.000143052
15	rs7168742	0.116487	0.0706503	0.000146677
13	rs9562431	0.256272	0.187798	0.000151909
13	rs9567041	0.256272	0.187841	0.000152671
11	rs10835415	0.354839	0.439378	0.000158118
5	rs5009031	0.149281	0.0965541	0.000160512
4	rs2383360	0.317204	0.243603	0.000164584
2	rs2175149	0.413669	0.331685	0.000166241
2	rs3762503	0.419065	0.337249	0.000167916
17	rs1037261	0.5	0.414879	0.000168759
6	rs6912373	0.383513	0.304259	0.000169607
18	rs1052315	0.494585	0.410702	0.000171315
2	rs4973370	0.333333	0.257581	0.000173911
8	rs7846671	0.18705	0.262709	0.000173911
13	rs1535902	0.259928	0.191086	0.000174784
16	rs17679617	0.111111	0.175358	0.000177433
19	rs10518285	0.566308	0.480579	0.000181026
11	rs482202	0.362007	0.445674	0.000181936
18	rs2048793	0.395683	0.316865	0.000182851
6	rs9368920	0.387097	0.307732	0.000187493
15	rs6494367	0.248201	0.182112	0.000191292
2	rs17046767	0.130824	0.0828221	0.000193221
1	rs3896178	0.336918	0.260818	0.000203162
3	rs1457590	0.340502	0.423142	0.000207281
6	rs6454330	0.365108	0.285836	0.000209372
3	rs9289980	0.433453	0.353252	0.000221259
5	rs6870449	0.129032	0.0811456	0.000226884
9	rs10114001	0.318996	0.245913	0.000226884
9	rs10982256	0.387097	0.47117	0.000226884
7	rs6463435	0.487455	0.404567	0.000228026
20	rs2253356	0.388489	0.470839	0.000230328
3	rs4245886	0.544803	0.461172	0.000231488
7	rs2270163	0.559353	0.475119	0.000235003
10	rs10904884	0.548736	0.465995	0.000235003
2	rs4973371	0.37276	0.29554	0.000240981
3	rs1500925	0.405018	0.326583	0.000240981
6	rs9321927	0.317204	0.24455	0.000240981
11	rs1117733	0.366906	0.449268	0.000240981
6	rs9399834	0.272401	0.35218	0.000242194
3	rs6809003	0.419355	0.340375	0.000247112
11	rs1589104	0.356631	0.43865	0.000247112
11	rs4542397	0.364621	0.446903	0.000250866
3	rs7642179	0.405018	0.326798	0.00025213
15	rs17561681	0.0830325	0.0470668	0.00025213
3	rs10451916	0.405018	0.326969	0.00025725

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
7	rs12673221	0.528674	0.445523	0.000266465
9	rs11787667	0.393885	0.478001	0.000267808
19	rs17581484	0.166667	0.112986	0.000269158
6	rs9373718	0.272401	0.351499	0.00027325
15	rs8032794	0.508993	0.426355	0.000274627
1	rs676236	0.177419	0.247702	0.000277404
13	rs7139662	0.145161	0.0956033	0.000277404
3	rs11130855	0.208633	0.282942	0.000281622
5	rs9325095	0.337545	0.263534	0.000281622
6	rs9377558	0.232852	0.309816	0.000281622
10	rs11254435	0.543165	0.46146	0.000281622
17	rs1466113	0.5	0.41786	0.000281622
3	rs995470	0.424731	0.34639	0.000291717
1	rs7513434	0.216846	0.156325	0.000294667
3	rs1978516	0.340502	0.421322	0.000296154
6	rs13196054	0.362007	0.284715	0.000296154
10	rs10490959	0.546595	0.465235	0.000296154
5	rs17738710	0.107527	0.0654397	0.000311443
17	rs12449441	0.215054	0.289196	0.000317779
1	rs10916983	0.168459	0.114651	0.000319383
3	rs13081038	0.402878	0.326176	0.000332515
10	rs17157312	0.11828	0.0739857	0.000332515
9	rs11999291	0.329137	0.256982	0.000337578
3	rs13317601	0.32852	0.407989	0.000339283
11	rs10835422	0.358423	0.438459	0.000342719
2	rs11674872	0.260791	0.195674	0.000344451
13	rs278050	0.138489	0.203647	0.000346191
6	rs954349	0.38172	0.306171	0.00034794
6	rs9496707	0.38172	0.306331	0.000351464
13	rs16967411	0.13587	0.0884261	0.000351464
1	rs10493267	0.15233	0.102896	0.00035324
10	rs12218051	0.116487	0.0729131	0.000364086
22	rs738043	0.182796	0.127214	0.000369635
2	rs7557901	0.111111	0.0689714	0.000373381
3	rs11130857	0.210432	0.283254	0.000373381
8	rs13280864	0.345324	0.424361	0.000377166
9	rs7466920	0.111111	0.0692648	0.000379073
16	rs16967367	0.0967742	0.0576398	0.000380989
2	rs3113210	0.272401	0.349693	0.00039072
10	rs3824632	0.544964	0.465271	0.000398684
6	rs4713951	0.492832	0.413799	0.000400701
10	rs9299669	0.364621	0.291141	0.000402728
5	rs10041283	0.332734	0.26127	0.000415108
2	rs9653407	0.0340502	0.0754685	0.000419319
3	rs9829496	0.331541	0.409618	0.000425718
5	rs992017	0.124101	0.0792079	0.000425718
6	rs2817027	0.405018	0.328396	0.000441033
3	rs6781682	0.306452	0.238559	0.00044551
5	rs10477376	0.335125	0.263794	0.00044551
3	rs9831830	0.402878	0.327422	0.000447766
5	rs6861078	0.344086	0.27175	0.000454602
4	rs17072597	0.16129	0.109407	0.000461544

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs9365685	0.435484	0.358336	0.000463881
3	rs9827708	0.362007	0.289635	0.000466231
5	rs6450311	0.12724	0.0815736	0.000466231
6	rs9386039	0.284946	0.218176	0.000466231
20	rs1474949	0.272401	0.207792	0.000473352
3	rs10936063	0.308244	0.240634	0.00047816
3	rs10936066	0.308244	0.240634	0.00047816
18	rs10853554	0.464158	0.386542	0.000487925
1	rs12047439	0.301075	0.233197	0.00049538
6	rs9380893	0.530686	0.451436	0.000497891
18	rs17797866	0.465827	0.388037	0.000497891
15	rs11858077	0.356115	0.285009	0.000502951
7	rs3817518	0.48741	0.409772	0.000510638
9	rs998548	0.379496	0.458092	0.000513227
10	rs10997908	0.224014	0.164622	0.000513227
2	rs16831028	0.231183	0.17155	0.000515829
5	rs6886473	0.126354	0.0813397	0.000523715
5	rs230737	0.12724	0.0819421	0.00052637
6	rs1180241	0.367384	0.294719	0.00052637
21	rs667362	0.367384	0.294208	0.000529039
11	rs735665	0.137993	0.200887	0.000531722
9	rs17088840	0.109319	0.068701	0.000537129
2	rs12622810	0.0340502	0.0741056	0.000539854
1	rs12043581	0.302867	0.235014	0.000542592
1	rs12757611	0.302867	0.235014	0.000542592
5	rs4867116	0.363799	0.441948	0.000545344
6	rs6903663	0.412186	0.336908	0.000550891
1	rs2407603	0.149281	0.101738	0.000559318
4	rs7666924	0.363799	0.291922	0.000559318
6	rs10484804	0.281362	0.215673	0.000559318
4	rs12512265	0.0268817	0.0648842	0.000565009
5	rs230769	0.12724	0.0821684	0.000567876
8	rs17767910	0.469534	0.391966	0.000573654
22	rs2075120	0.292115	0.224479	0.000573654
1	rs12042464	0.302867	0.235334	0.000579492
5	rs230753	0.12724	0.0822268	0.000579492
22	rs688034	0.383513	0.310451	0.000579492
3	rs951557	0.508961	0.429813	0.000582433
5	rs6450303	0.12724	0.0822828	0.000588361
5	rs10068216	0.333333	0.263534	0.000591348
3	rs589445	0.125899	0.0813993	0.00059435
5	rs7701019	0.126354	0.081657	0.00059435
3	rs683395	0.123656	0.0801227	0.0006004
10	rs2799019	0.556159	0.47889	0.0006004
1	rs3904701	0.415771	0.494208	0.000603449
4	rs1898170	0.550179	0.472687	0.000603449
14	rs1152566	0.191756	0.137432	0.000618927
1	rs3845541	0.419355	0.497617	0.00062523
6	rs9462141	0.394265	0.320368	0.00062523
14	rs10483676	0.206093	0.149915	0.00062523
5	rs6453278	0.384892	0.313288	0.000628406
5	rs17310469	0.105735	0.161845	0.000631598

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
14	rs9805984	0.196043	0.140982	0.000638032
3	rs347970	0.195341	0.140204	0.000641273
12	rs7975412	0.276978	0.21163	0.000641273
3	rs1801143	0.367384	0.296284	0.000644531
16	rs8060992	0.510791	0.431981	0.000654406
14	rs6573109	0.202509	0.147149	0.000661074
16	rs258322	0.0734767	0.123124	0.000661074
14	rs1252917	0.226619	0.16803	0.000664434
15	rs890319	0.396057	0.323059	0.000664434
1	rs595888	0.201439	0.269087	0.000671205
1	rs6660265	0.301075	0.234343	0.000674617
3	rs6414500	0.125448	0.0816292	0.000678047
4	rs11936367	0.358423	0.288298	0.000684958
7	rs1011189	0.172043	0.120519	0.000684958
17	rs3110496	0.238351	0.309775	0.000684958
1	rs1997034	0.289568	0.224197	0.000695459
4	rs2597498	0.532258	0.455707	0.00070255
5	rs977877	0.333333	0.407679	0.000706123
8	rs4609213	0.544803	0.468165	0.000706123
10	rs7921658	0.113309	0.0722809	0.000706123
1	rs4497239	0.148746	0.102044	0.000709714
18	rs3760570	0.365591	0.29612	0.000709714
5	rs2973322	0.42446	0.350596	0.000713323
4	rs10030755	0.137993	0.198534	0.000724264
2	rs11122861	0.0361011	0.0759278	0.000750455
15	rs2725627	0.329749	0.404705	0.000754274
3	rs12633429	0.306452	0.241144	0.000758113
17	rs728291	0.446237	0.371935	0.000769747
4	rs7671217	0.159498	0.10969	0.000773665
5	rs251547	0.369176	0.299183	0.000777604
1	rs2807339	0.304659	0.239012	0.000781562
7	rs3128376	0.370968	0.4477	0.000785541
21	rs2238704	0.231183	0.172966	0.000797602
3	rs11130214	0.253597	0.325443	0.000809849
6	rs4711689	0.353047	0.428547	0.000809849
6	rs2859420	0.430108	0.356097	0.000826475
16	rs11074446	0.0902527	0.142564	0.000826475
1	rs4839202	0.292115	0.365542	0.000830685
6	rs612262	0.4319	0.358018	0.000830685
10	rs806813	0.37276	0.301466	0.000830685
2	rs7558771	0.0361011	0.0751534	0.000834917
7	rs6962818	0.148746	0.211001	0.000834917
16	rs11076087	0.539427	0.462521	0.000834917
2	rs16858223	0.0913978	0.0553474	0.00083917
6	rs6923015	0.392086	0.31987	0.00083917
6	rs9470162	0.392473	0.320368	0.00083917
2	rs12711551	0.0358423	0.0744027	0.000843446
21	rs2256441	0.231183	0.173195	0.000852063
7	rs2721816	0.238351	0.179094	0.000856405
1	rs11587701	0.125448	0.082369	0.000860769
7	rs39112	0.336918	0.411524	0.000860769
4	rs1436058	0.555755	0.481267	0.000865156

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs11716239	0.31769	0.251194	0.000869565
1	rs7517690	0.415771	0.491817	0.000878452
7	rs711453	0.206093	0.151722	0.000878452
21	rs965733	0.223022	0.166326	0.000878452
8	rs17063833	0.156475	0.108607	0.00088293
6	rs12208821	0.240143	0.30971	0.000887431
1	rs4658158	0.257194	0.196252	0.000891955
6	rs794114	0.453405	0.379216	0.000891955
6	rs9470144	0.392473	0.320784	0.000896502
6	rs639421	0.392473	0.320784	0.000896502
3	rs2033701	0.168459	0.232277	0.000901073
1	rs11102374	0.284946	0.357606	0.000905668
19	rs4802386	0.296763	0.369023	0.000910286
5	rs2914295	0.422939	0.350784	0.000914928
8	rs284820	0.184588	0.132709	0.000914928
10	rs7084535	0.113718	0.072938	0.000919594
4	rs17011337	0.134409	0.0895777	0.000933736
5	rs6897334	0.402174	0.33106	0.000933736
2	rs12694063	0.224014	0.292305	0.000938499
6	rs1984284	0.240072	0.30954	0.000938499
11	rs4758161	0.157706	0.109673	0.000938499
17	rs9892725	0.401079	0.329986	0.000938499
3	rs7648599	0.303249	0.239182	0.000943286
8	rs10755940	0.143369	0.0975111	0.000943286
5	rs4703727	0.34657	0.279713	0.000948098
1	rs10889189	0.543165	0.467155	0.000952935
8	rs7008117	0.27957	0.216718	0.000952935
20	rs2249573	0.410072	0.484338	0.000952935
1	rs11207488	0.131295	0.088476	0.000957797
2	rs1379037	0.0215827	0.0553286	0.000962684
3	rs1403108	0.304659	0.240804	0.000962684
5	rs3734120	0.329749	0.262772	0.000962684
7	rs10261578	0.544803	0.470548	0.000962684
8	rs6984769	0.227599	0.169962	0.000962684
3	rs6997	0.367384	0.298398	0.000967596
14	rs10484085	0.234767	0.176601	0.000967596
1	rs6704387	0.159498	0.111717	0.000972534
2	rs16866183	0.297491	0.23314	0.000982486
3	rs6549514	0.560932	0.486537	0.00099254
3	rs11708353	0.317204	0.251618	0.00099254
5	rs1471091	0.124101	0.0815421	0.000997606
12	rs11173188	0.397849	0.471891	0.000997606
18	rs9955895	0.215827	0.159741	0.000997606
18	SNP_A-1941351	0.215054	0.159168	0.000997606
12	rs11054800	0.386691	0.316518	0.001002699
1	rs4320765	0.422383	0.497787	0.001007818
1	rs11577233	0.154122	0.107726	0.001018134
5	rs11748160	0.439068	0.366803	0.001023333
9	rs1927117	0.106115	0.0680655	0.001023333
14	rs1252982	0.194946	0.141982	0.001023333
3	rs6414498	0.123656	0.0814033	0.001028558
6	rs9462132	0.390681	0.319734	0.001028558

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs6917851	0.370504	0.299693	0.001028558
4	rs17226273	0.297101	0.369714	0.00103381
10	rs1655148	0.306452	0.240968	0.00103381
4	rs4285137	0.222222	0.165587	0.00103909
6	rs2815143	0.231183	0.174573	0.00103909
15	rs1398873	0.0899281	0.0550427	0.00103909
11	rs4930634	0.512545	0.438053	0.001055092
2	rs10432492	0.283154	0.220954	0.001060481
6	rs9470147	0.392086	0.321221	0.001060481
14	rs723893	0.143369	0.202666	0.001060481
19	rs2061332	0.197133	0.144195	0.001060481
10	rs927045	0.168459	0.11852	0.001071343
4	rs4859480	0.112903	0.0732788	0.001076817
6	rs9470126	0.390681	0.320041	0.001076817
6	rs9470139	0.390681	0.320041	0.001076817
16	rs8058660	0.53777	0.462155	0.001076817
7	rs2529162	0.118705	0.174224	0.001082318
6	rs668438	0.374552	0.30548	0.001087848
6	rs17705020	0.390681	0.32015	0.001093407
5	rs251562	0.177536	0.127257	0.001098994
3	rs7610779	0.292115	0.228883	0.00110461
6	rs6457862	0.390681	0.320211	0.00110461
1	rs10789359	0.428315	0.502383	0.001121634
6	rs9470138	0.390681	0.320334	0.001121634
8	rs11998174	0.318996	0.253914	0.001121634
17	rs8072452	0.0734767	0.121036	0.001121634
1	rs269079	0.303957	0.376195	0.00113313
5	rs401889	0.5	0.425894	0.00113313
15	rs11070411	0.127698	0.185286	0.00113313
1	rs655856	0.304659	0.377044	0.001138922
9	rs10113994	0.1787	0.128279	0.001138922
10	rs2506101	0.354317	0.287641	0.001138922
1	rs4504912	0.161871	0.11448	0.001144745
2	rs11675299	0.314748	0.387866	0.001156481
1	rs4456055	0.543011	0.469537	0.001162394
2	rs6711054	0.133094	0.0895114	0.001162394
3	rs1464402	0.141577	0.0966587	0.001162394
6	rs4340986	0.390681	0.32043	0.001162394
6	rs10947594	0.374101	0.305489	0.001162394
3	rs6548642	0.37276	0.446562	0.001174313
11	rs2028960	0.124101	0.0818584	0.001174313
13	rs9519627	0.510753	0.437841	0.001174313
1	rs4844486	0.324373	0.25919	0.001186356
4	rs6826826	0.11828	0.174446	0.001186356
4	rs4289492	0.168459	0.11968	0.001186356
6	rs9462128	0.389892	0.319653	0.001186356
15	rs17795279	0.125899	0.183231	0.001186356
17	rs998571	0.267025	0.337193	0.001186356
3	rs2291542	0.256272	0.325546	0.001198523
5	rs391781	0.516245	0.442589	0.001198523
6	rs9358278	0.263441	0.204026	0.001198523
14	rs7160685	0.388489	0.319843	0.001204654

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs12568876	0.394265	0.325367	0.001210817
3	rs6548639	0.37276	0.446282	0.001210817
11	rs1939120	0.0806452	0.12934	0.001210817
19	rs11670935	0.140288	0.198502	0.001210817
4	rs4859489	0.112903	0.0735695	0.001217012
9	rs17334309	0.562724	0.489093	0.001217012
4	rs6813843	0.22043	0.28569	0.001223239
6	rs10484264	0.374552	0.305792	0.001223239
10	rs181644	0.351254	0.284401	0.001223239
1	rs12126062	0.557348	0.483833	0.001229498
1	rs12126688	0.557348	0.48381	0.001229498
2	rs17046986	0.316547	0.251617	0.001229498
13	rs1499318	0.537634	0.463701	0.001235789
17	rs2052022	0.383513	0.457893	0.001242113
3	rs9884080	0.37276	0.446149	0.001261282
4	rs4460017	0.111913	0.0728172	0.001267738
16	rs9935994	0.0896057	0.139646	0.001267738
11	rs12577551	0.367384	0.440034	0.001274228
1	rs1461356	0.49278	0.419025	0.001280751
7	rs17465328	0.204301	0.151618	0.001280751
19	rs10412896	0.285971	0.355559	0.001280751
6	rs7773103	0.526882	0.453599	0.001287308
2	rs996712	0.138989	0.198055	0.001293899
11	rs11021509	0.0806452	0.0485189	0.001293899
5	rs17575164	0.259857	0.200716	0.001300524
14	rs6573108	0.202509	0.149847	0.001300524
6	rs611623	0.446237	0.374318	0.001307183
6	rs9351920	0.0896057	0.0552524	0.001307183
10	rs10787524	0.202166	0.149455	0.001307183
9	rs10739166	0.397849	0.471039	0.001313877
3	rs7636827	0.417563	0.347752	0.001327369
12	rs1450542	0.301075	0.238501	0.001327369
16	rs12596903	0.0896057	0.139428	0.001327369
6	rs1892392	0.476703	0.403781	0.001334168
17	rs11077698	0.419355	0.348893	0.001334168
19	rs17705279	0.184588	0.133822	0.001334168
5	rs6888871	0.124101	0.0822268	0.001347871
20	rs2208297	0.227599	0.171774	0.001347871
1	rs1156495	0.263441	0.204019	0.001354776
7	rs802437	0.302867	0.373292	0.001354776
10	rs3006663	0.363799	0.296971	0.001361716
11	rs7126943	0.297491	0.367337	0.001368693
2	rs7581649	0.133094	0.190314	0.001375706
11	rs4758635	0.517921	0.445278	0.001375706
6	rs9356198	0.390681	0.322037	0.001382755
16	rs2001970	0.539427	0.46577	0.001382755
10	rs6482373	0.09319	0.0587734	0.001389841
2	rs10165555	0.146953	0.205652	0.001396964
4	rs13111817	0.221223	0.285836	0.001396964
9	rs10967973	0.40681	0.47872	0.00141132
10	rs11244474	0.130824	0.0885559	0.00141132
6	rs7762984	0.0896057	0.0555366	0.001418554

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
7	rs4416760	0.263441	0.204429	0.001418554
11	rs10896390	0.510753	0.438246	0.001418554
10	rs2998074	0.363799	0.297173	0.001425825
12	rs4540857	0.390681	0.462325	0.001425825
7	rs6462277	0.062724	0.107558	0.001433135
6	rs2816559	0.226619	0.292745	0.001440482
14	rs17107879	0.0773381	0.0462142	0.001440482
3	rs9310649	0.347122	0.417631	0.001455291
5	rs17574616	0.326165	0.262018	0.001455291
3	rs3749237	0.258065	0.326124	0.001470255
11	rs17599114	0.0899281	0.0560859	0.001470255
13	rs7329514	0.0824373	0.0500681	0.001470255
4	rs10518170	0.112903	0.0740804	0.001477795
5	rs230785	0.115523	0.0760164	0.001477795
11	rs10835148	0.293907	0.363032	0.001477795
2	rs2011559	0.207885	0.154056	0.001485374
4	rs12503342	0.0215827	0.0536627	0.001485374
11	rs10450561	0.311828	0.381722	0.001485374
1	rs4949511	0.182796	0.132207	0.00150065
14	rs7156962	0.0647482	0.109748	0.00150065
1	rs12037277	0.440647	0.370572	0.001508348
6	rs6455953	0.480287	0.408424	0.001508348
9	rs2905077	0.201087	0.264475	0.001508348
12	rs7310815	0.0845324	0.133197	0.001508348
15	rs783483	0.263441	0.205111	0.001508348
2	rs10173017	0.267025	0.334639	0.001516086
3	rs7627376	0.55914	0.486362	0.001516086
20	rs6046263	0.274545	0.342697	0.001516086
4	rs961719	0.51259	0.439544	0.001523864
6	rs3117230	0.17148	0.232228	0.001523864
5	rs2973319	0.419355	0.350477	0.001531683
13	rs12584910	0.536101	0.46324	0.001531683
4	rs10440412	0.215054	0.161675	0.001539542
2	rs765716	0.251799	0.19357	0.001547442
3	rs7617143	0.55914	0.486542	0.001547442
4	rs11729064	0.219424	0.16485	0.001547442
6	rs2815167	0.231183	0.1762	0.001555383
16	rs9888979	0.0949821	0.0596581	0.001555383
1	rs3121273	0.339928	0.410702	0.001563365
1	rs4650197	0.555755	0.483623	0.001563365
5	rs13355543	0.422383	0.353272	0.001563365
14	rs12435412	0.197842	0.146969	0.001563365
15	rs17137358	0.22043	0.166098	0.001563365
2	rs4378785	0.142086	0.198838	0.001571389
5	rs2560301	0.236559	0.302488	0.001571389
7	rs12673596	0.266187	0.33356	0.001571389
7	rs896763	0.555556	0.483458	0.001571389
11	rs1478690	0.299283	0.368188	0.001571389
4	rs6856651	0.353047	0.287812	0.001579454
7	rs7793055	0.0827338	0.131086	0.001579454
14	rs758914	0.22043	0.16644	0.001579454
17	rs1005322	0.564516	0.491479	0.001579454

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
20	rs6014619	0.413978	0.345262	0.001579454
9	rs10982946	0.0573477	0.0997617	0.001587562
2	rs934037	0.146953	0.204638	0.001595711
5	rs10066974	0.310036	0.247869	0.001595711
7	rs3801140	0.198925	0.261759	0.001595711
5	rs251169	0.354839	0.424872	0.001603903
5	rs12518635	0.392086	0.325043	0.001603903
8	rs721300	0.305755	0.243782	0.001603903
13	rs622219	0.329749	0.266052	0.001603903
7	rs3801164	0.473118	0.402825	0.001612138
2	rs7595011	0.390681	0.323399	0.001620415
3	rs2874616	0.303957	0.242667	0.001620415
5	rs4705247	0.354839	0.288802	0.001620415
6	rs9460102	0.21147	0.157913	0.001620415
20	rs6041827	0.0557554	0.0975111	0.001620415
7	rs3801139	0.198925	0.26158	0.001628736
7	rs12670690	0.267025	0.334072	0.001628736
1	rs4844484	0.367754	0.300616	0.0016371
5	rs230768	0.123188	0.08197	0.0016371
1	SNP_A-4250770	0.0806452	0.0486726	0.001645507
2	rs1836729	0.453405	0.383135	0.001645507
8	rs2618850	0.293165	0.232947	0.001645507
11	rs16922683	0.113309	0.0744027	0.001645507
19	rs7249565	0.476619	0.405631	0.001645507
1	rs356085	0.258993	0.326635	0.001679576
10	rs11253967	0.107914	0.160757	0.001679576
10	rs10823717	0.539427	0.467621	0.001679576
17	rs8073244	0.222022	0.167977	0.001679576
5	rs251171	0.353047	0.422749	0.001688204
8	rs731589	0.403226	0.33589	0.001688204
11	rs2602813	0.433692	0.364147	0.001688204
21	rs11088486	0.362007	0.432128	0.001688204
2	rs13020820	0.46223	0.392748	0.001696877
2	rs16839945	0.0322581	0.0671438	0.001696877
5	rs1008661	0.392473	0.325843	0.001696877
11	rs1013273	0.30036	0.238923	0.001696877
6	rs872956	0.172043	0.232459	0.001705596
7	rs1528542	0.157706	0.112662	0.001705596
7	rs4496905	0.263441	0.205281	0.001705596
8	rs7016743	0.406475	0.339298	0.001705596
5	rs17151248	0.137993	0.194104	0.001723169
8	rs4278161	0.40681	0.477622	0.001723169
8	rs7016774	0.40681	0.339639	0.001723169
15	rs17780920	0.137184	0.192767	0.001723169
17	rs4968913	0.417563	0.348707	0.001723169
1	rs7523658	0.269784	0.210051	0.001740925
1	rs840501	0.314748	0.251191	0.001740925
6	rs9470131	0.388087	0.320273	0.001740925
6	rs12191369	0.365108	0.297778	0.001740925
12	rs7966814	0.532374	0.46032	0.001758867
4	rs1516692	0.447842	0.377641	0.001786132
11	rs898367	0.323741	0.260729	0.001786132

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
7	rs846319	0.5	0.429496	0.001795316
4	rs7654531	0.354839	0.290345	0.001804547
6	rs161755	0.514337	0.443364	0.001804547
6	rs9295262	0.4319	0.362274	0.001804547
11	rs10082611	0.312274	0.381229	0.001804547
11	rs1975259	0.381295	0.314291	0.001804547
3	rs9845005	0.261649	0.204019	0.001813826
9	rs1416322	0.120504	0.174898	0.001813826
5	rs272199	0.370968	0.304363	0.001823153
6	rs7771851	0.553957	0.482624	0.001823153
7	rs10951005	0.222222	0.28569	0.001823153
16	rs1946127	0.428315	0.360354	0.001823153
16	rs7196635	0.206093	0.268471	0.00183253
18	rs17798863	0.159498	0.11359	0.00183253
19	rs8102426	0.462366	0.393125	0.00183253
10	rs10828123	0.111111	0.0735244	0.001841955
20	rs6060436	0.188849	0.139088	0.001841955
6	rs7764611	0.154122	0.108703	0.001851429
19	rs8102257	0.0778986	0.0470668	0.001851429
4	rs10011041	0.307554	0.245913	0.001860952
8	rs7841871	0.281362	0.221825	0.001860952
11	rs10835150	0.299283	0.36694	0.001860952
3	rs4856447	0.375451	0.446489	0.001870526
10	rs743106	0.167266	0.11955	0.001870526
1	rs2987775	0.387097	0.457792	0.001880149
1	rs4593761	0.564516	0.493183	0.001880149
4	rs6448625	0.285971	0.353442	0.001880149
3	rs2712473	0.532258	0.461329	0.001889822
5	rs34973	0.241935	0.186478	0.001899546
4	rs1523504	0.363799	0.433799	0.00190932
8	rs720406	0.263441	0.205451	0.00190932
11	rs10839718	0.130435	0.0890598	0.00190932
2	rs4666283	0.249104	0.315395	0.001919146
3	rs10936081	0.305755	0.245228	0.001919146
20	rs6099273	0.304659	0.243363	0.001919146
21	rs2822391	0.373646	0.444766	0.001919146
21	rs2040130	0.17148	0.230337	0.001919146
12	rs4764188	0.302867	0.370698	0.001929023
16	rs11866328	0.496416	0.424991	0.001929023
1	rs4233103	0.560932	0.49029	0.001938951
5	rs17151230	0.145161	0.201365	0.001938951
6	rs12209659	0.175627	0.127641	0.001938951
7	rs6967312	0.539711	0.469836	0.001938951
10	rs7077231	0.103943	0.155685	0.001938951
12	rs1368561	0.354317	0.288828	0.001938951
12	rs10860687	0.123656	0.176881	0.001948931
15	rs901130	0.236559	0.301022	0.001948931
4	rs17086016	0.28853	0.356437	0.001958963
14	rs17622868	0.0645161	0.10814	0.001958963
2	rs6739651	0.0917266	0.058211	0.001969048
3	rs6785022	0.0701439	0.114573	0.001969048
3	rs1995402	0.342294	0.411725	0.001979185

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs2479904	0.134409	0.09294	0.001979185
15	rs11630941	0.396057	0.466951	0.001979185
17	rs1021891	0.238351	0.183243	0.001979185
8	rs1487745	0.141577	0.0987066	0.001989375
8	rs9642819	0.31295	0.250851	0.001989375
11	rs502249	0.412186	0.481753	0.001989375
1	rs6678087	0.366426	0.436711	0.001999618
4	rs4416501	0.111511	0.0738404	0.001999618
5	rs272194	0.32554	0.262709	0.001999618
11	rs12574595	0.30036	0.239843	0.001999618
17	rs4968914	0.417563	0.349677	0.001999618
4	rs3910478	0.311151	0.249574	0.002009915
5	rs4976606	0.376344	0.447359	0.002009915
12	rs11113426	0.374552	0.309134	0.002009915
13	rs7338200	0.192446	0.254171	0.002009915
11	rs4944722	0.256272	0.321477	0.002020265
16	rs1420239	0.244604	0.308753	0.002020265
18	rs11664217	0.365108	0.300511	0.002020265
10	rs11018140	0.155914	0.111168	0.00203067
9	rs7032564	0.422939	0.355416	0.002041129
11	rs2373907	0.322581	0.26047	0.002041129
8	rs7831358	0.0806452	0.126833	0.002062211
15	rs2665210	0.104693	0.153964	0.002062211
17	rs12452093	0.0358423	0.0714042	0.002062211
18	rs11080987	0.365108	0.300648	0.002062211
2	rs6741819	0.339928	0.276038	0.002072834
5	rs4895236	0.123656	0.0836742	0.002072834
7	rs2529158	0.123656	0.176431	0.002072834
9	rs7044577	0.34657	0.415503	0.002072834
11	rs17142991	0.299283	0.239093	0.002072834
13	rs1543551	0.37276	0.307574	0.002072834
18	rs7231250	0.292115	0.358384	0.002072834
21	rs720935	0.181655	0.133231	0.002072834
1	rs6677463	0.222022	0.286299	0.002083513
3	rs1441952	0.335125	0.404705	0.002083513
9	rs7035694	0.336918	0.405281	0.002083513
11	rs7125281	0.189964	0.14079	0.002083513
11	rs11020080	0.326165	0.394683	0.002083513
2	rs17758464	0.163082	0.116865	0.002094248
4	rs17082122	0.192446	0.142735	0.002094248
13	rs7317605	0.371841	0.306787	0.002105039
1	rs3127556	0.306452	0.374276	0.002115887
3	rs4260455	0.442446	0.373124	0.002115887
7	rs699491	0.498208	0.428839	0.002115887
8	rs7815567	0.415162	0.34833	0.002115887
11	rs10767628	0.31295	0.380416	0.002115887
15	rs7171443	0.301075	0.369587	0.002115887
1	rs12035615	0.181004	0.24081	0.002126791
3	rs1522392	0.304659	0.244891	0.002126791
7	rs1976131	0.0304659	0.0641593	0.002126791
18	rs9947445	0.46223	0.394674	0.002126791
1	rs3118223	0.306452	0.374064	0.002137752

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs1477623	0.307554	0.247015	0.002137752
11	rs12797951	0.179211	0.238923	0.002141051
1	rs414909	0.242806	0.306985	0.002145459
1	rs2989476	0.496416	0.42604	0.002145459
9	rs7046458	0.442652	0.374915	0.002149875
4	rs13102419	0.410072	0.480075	0.002168749
10	rs7921636	0.204301	0.265678	0.002176569
5	rs12513672	0.159498	0.114218	0.002178809
2	rs1456583	0.0232975	0.0538698	0.002186666
1	rs2821391	0.231183	0.293626	0.00218779
2	rs7595450	0.0878136	0.0556694	0.00218779
5	rs2284988	0.392473	0.327357	0.002200202
11	rs11020082	0.327338	0.395472	0.002204732
20	rs6099265	0.340502	0.277513	0.002205867
4	rs1503890	0.333333	0.270528	0.002207001
6	rs9361356	0.163082	0.117257	0.002207001
15	rs16957715	0.139785	0.194208	0.002209273
1	rs11264608	0.261649	0.204197	0.002213823
1	rs3738395	0.0758123	0.120907	0.002214962
6	rs2179920	0.173835	0.232891	0.002220665
8	rs2205362	0.404676	0.339188	0.002222951
6	rs4709863	0.467626	0.398536	0.002236715
19	rs11670976	0.143369	0.198332	0.002237866
7	rs10281098	0.0286738	0.0616485	0.002240169
18	rs2155771	0.155914	0.111679	0.002241322
7	rs846322	0.498208	0.429205	0.002242475
10	rs11003227	0.421147	0.490791	0.002249408
2	rs11676122	0.0913978	0.0581316	0.002258685
6	rs2503296	0.227599	0.29063	0.002259847
6	rs9403505	0.404332	0.337653	0.00226101
11	rs4936823	0.22	0.283396	0.002263338
1	rs10752963	0.460573	0.392504	0.002276184
3	rs9818551	0.208633	0.157187	0.002280873
20	rs4505594	0.0573477	0.097752	0.002282047
2	rs6761891	0.261649	0.20388	0.002284397
3	rs1562524	0.40681	0.475631	0.002285573
12	rs17314381	0.353047	0.288756	0.002290282
5	rs10039324	0.0501792	0.0888965	0.002291461
6	rs17435970	0.157706	0.112628	0.00229264
16	rs1364319	0.370968	0.306776	0.002298547
6	rs9386085	0.133094	0.0914843	0.002302098
1	rs4661081	0.261649	0.204429	0.002304469
10	rs1342335	0.104317	0.154855	0.002304469
11	rs10767779	0.392473	0.462393	0.002304469
8	rs1484618	0.398917	0.332936	0.002312786
18	rs4940047	0.331541	0.399693	0.002315168
14	rs11620775	0.268817	0.212704	0.002318745
22	rs470000	0.556159	0.486676	0.002327114
1	rs545621	0.343525	0.411614	0.002333111
5	rs7714653	0.330325	0.267212	0.002340328
18	rs7245376	0.541367	0.472535	0.002341533
10	rs1891645	0.421147	0.490463	0.002342738

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
21	rs2837108	0.392473	0.46302	0.002342738
4	rs7684130	0.289568	0.356485	0.002347567
4	rs10518171	0.109712	0.0731084	0.002347567
4	rs6822145	0.204301	0.264485	0.002348776
11	rs3862358	0.390681	0.459666	0.002356042
2	rs2078	0.22043	0.283038	0.002363331
18	rs8099463	0.456989	0.390327	0.002364548
3	rs1562808	0.365455	0.300546	0.002366984
10	rs10824378	0.183453	0.242925	0.002366984
8	rs12547764	0.12724	0.180641	0.002370642
4	rs12503762	0.107527	0.0713556	0.002374307
2	rs6720056	0.163082	0.117376	0.002377977
6	rs2152183	0.364621	0.298974	0.002377977
22	rs5759455	0.078853	0.0487013	0.002381653
10	rs12263099	0.0251799	0.0558393	0.002382879
4	rs4470674	0.360215	0.296593	0.002384106
6	rs7743711	0.0539568	0.0934723	0.002385334
2	rs2216941	0.163082	0.117337	0.002387792
4	rs12648730	0.503584	0.433731	0.00239518
4	rs2980089	0.336957	0.274821	0.002400119
2	rs4664418	0.163082	0.117416	0.002401355
10	rs2497816	0.109319	0.15968	0.002406307
17	rs9894704	0.102518	0.151567	0.002406307
10	rs11001604	0.0591398	0.100102	0.002410027
1	rs6540458	0.264493	0.207821	0.00241251
5	rs4495148	0.304659	0.245058	0.002413753
7	rs17541282	0.139785	0.0977816	0.002414996
20	rs3790285	0.283154	0.348738	0.002414996
8	rs1402944	0.259857	0.20359	0.00241873
6	rs2127022	0.175627	0.128537	0.002423718
5	rs4868922	0.370968	0.307561	0.002427466
12	rs11063069	0.259857	0.203072	0.002433725
4	rs7696776	0.471326	0.403308	0.002434979
5	rs272195	0.323741	0.262108	0.002434979
6	rs9390110	0.403226	0.337197	0.002434979
10	rs1228670	0.112903	0.075835	0.002437488
8	rs2046223	0.417266	0.350596	0.002447553
8	rs17078780	0.193548	0.144198	0.002448814
1	rs859499	0.426259	0.359631	0.002450076
18	rs4798023	0.363799	0.300613	0.002450076
7	rs3801145	0.197842	0.257762	0.002451338
10	rs11014799	0.0913978	0.0584327	0.002452601
14	rs12590638	0.22043	0.167746	0.002452601
19	rs2191566	0.326165	0.264916	0.002453865
5	rs150543	0.268953	0.212338	0.002456394
9	rs2361096	0.149281	0.106423	0.00245766
19	rs12459966	0.143369	0.197785	0.00246908
5	rs2269207	0.390681	0.326405	0.002476724
18	rs17799849	0.323741	0.262181	0.002476724
16	rs1420040	0.378136	0.447342	0.002479277
1	rs2007471	0.294224	0.360988	0.002480555
10	rs211385	0.0770609	0.121253	0.002494653

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
21	rs228050	0.408602	0.47752	0.002495939
18	rs7232992	0.419065	0.488249	0.002501088
8	rs17241099	0.388489	0.456744	0.002502377
2	rs12618634	0.422939	0.491318	0.002504957
13	rs9519431	0.397849	0.332993	0.002515304
11	rs4244843	0.507194	0.438372	0.002521794
2	rs12618802	0.236462	0.182794	0.002534823
8	rs1038191	0.361511	0.297578	0.002534823
1	rs2802835	0.141577	0.0997953	0.002536129
8	rs16892637	0.261649	0.205482	0.002538745
5	rs2909816	0.388889	0.457084	0.002545295
1	rs2364535	0.286738	0.228109	0.002550548
5	rs38059	0.107527	0.0716474	0.002550548
6	rs9376756	0.403226	0.337709	0.002550548
6	rs3818100	0.344086	0.282261	0.002554495
5	rs272200	0.323741	0.262343	0.002558448
2	rs4577234	0.281362	0.345826	0.002562407
15	rs2879291	0.302867	0.370181	0.002566372
10	rs2420055	0.19964	0.150188	0.002574322
2	rs9808084	0.17446	0.231961	0.002580966
6	rs217297	0.377698	0.447566	0.002590296
11	rs10840211	0.196043	0.254601	0.002599661
7	rs2237641	0.0842294	0.130279	0.002611751
3	rs4928115	0.189964	0.248467	0.002615794
1	rs1995229	0.363799	0.43205	0.002618493
20	rs4812223	0.166667	0.222771	0.002625253
15	rs10518812	0.139785	0.193224	0.00263203
1	rs3121518	0.308244	0.374531	0.002634746
12	rs7299940	0.397482	0.466644	0.002636105
7	rs802459	0.299283	0.364985	0.002641548
15	rs1020944	0.426523	0.360259	0.002649734
7	rs2961258	0.373646	0.442138	0.0026511
12	rs6581112	0.302158	0.243275	0.0026511
2	rs934036	0.188172	0.247019	0.002660688
6	rs572550	0.261649	0.205281	0.002663434
1	rs12033354	0.399642	0.468165	0.002671689
10	rs710930	0.256272	0.319468	0.002671689
14	rs17108400	0.139785	0.0986708	0.002674446
14	rs221703	0.0806452	0.0503413	0.002675826
3	rs9810201	0.33871	0.276221	0.002685505
7	rs10269966	0.290323	0.354828	0.002685505
1	rs2038027	0.528777	0.461473	0.002688276
18	rs3933772	0.543011	0.47529	0.002695219
15	rs341411	0.430108	0.364055	0.002700786
1	rs10923636	0.109319	0.0734039	0.002704969
5	rs4272164	0.265233	0.329646	0.002706364
20	rs2269036	0.176259	0.129768	0.002713354
12	rs1368563	0.351254	0.288075	0.002714754
18	rs698613	0.107527	0.0721843	0.002714754
1	rs2020902	0.18705	0.138766	0.002717557
5	rs9327748	0.304659	0.245743	0.002725982
10	rs7069959	0.317204	0.256642	0.002733023

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs4513721	0.419355	0.352691	0.002744328
7	rs10225747	0.365591	0.302009	0.002751417
18	rs13381578	0.460432	0.394647	0.002754258
15	rs11631360	0.305755	0.246848	0.002755679
18	rs12959881	0.363799	0.30126	0.002759949
3	rs433303	0.469534	0.402281	0.002764225
3	rs9864406	0.218638	0.167348	0.002765651
5	rs6887208	0.304659	0.245826	0.002767079
1	rs719923	0.275986	0.218739	0.002774228
9	rs995988	0.413978	0.481772	0.002774228
1	rs17785166	0.342294	0.409137	0.002778526
3	rs4683968	0.348921	0.416695	0.002792903
1	rs6669433	0.308244	0.374149	0.002795788
6	rs3798867	0.375899	0.444937	0.002797231
2	rs6706934	0.401434	0.469454	0.002803012
12	rs1513198	0.551971	0.483822	0.002805907
10	rs10885547	0.200717	0.151567	0.002807356
2	rs427298	0.386691	0.453941	0.002808805
19	rs8103590	0.446237	0.379993	0.002816064
18	rs578786	0.143369	0.1016	0.002818972
4	rs6824342	0.363799	0.301328	0.002827717
9	rs4740349	0.455197	0.388965	0.0028321
2	rs4670248	0.195341	0.146848	0.002848228
18	rs8091228	0.213262	0.273161	0.00285559
4	rs7655585	0.202509	0.15327	0.002857065
7	rs2305326	0.326165	0.392942	0.002862971
11	rs11825693	0.270609	0.33521	0.002862971
15	rs8032120	0.359712	0.297307	0.00286889
6	rs2506743	0.490975	0.423287	0.002880766
19	rs6509132	0.309353	0.375	0.002888213
4	rs260933	0.543165	0.47598	0.002889705
19	rs7249315	0.0716846	0.114441	0.002891198
3	SNP_A-2138145	0.172043	0.228435	0.00289568
12	rs11110688	0.11828	0.168545	0.00289568
1	rs7548768	0.467742	0.400648	0.002898672
6	rs9398237	0.343525	0.28252	0.002910673
11	rs7119300	0.195341	0.252903	0.002910673
12	rs873908	0.278777	0.344293	0.002912176
7	rs17767818	0.0698925	0.111755	0.002913681
11	rs1405098	0.340502	0.278591	0.002916692
3	rs7618185	0.340502	0.279236	0.002919706
7	rs753336	0.32491	0.391579	0.002921215
15	rs7182228	0.302867	0.369239	0.002921215
5	rs466269	0.125448	0.0866598	0.002922724
2	rs2099623	0.0945455	0.0609631	0.002925745
3	rs2324724	0.34767	0.414934	0.00293331
2	rs6436183	0.365108	0.302564	0.002934826
15	rs8024679	0.335125	0.40017	0.002937859
2	SNP_A-2196899	0.139785	0.193015	0.002960711
9	rs16907449	0.0395683	0.0745225	0.002965303
3	rs6763976	0.0824373	0.126492	0.002972972
7	rs4960616	0.0949821	0.0619877	0.002972972

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs702371	0.350181	0.288934	0.002972972
2	rs2705845	0.433692	0.368269	0.002977584
3	rs10490800	0.120072	0.0824251	0.002985285
10	rs3781128	0.526882	0.458461	0.002985285
8	rs1382469	0.260791	0.205451	0.002986828
15	rs1728891	0.403226	0.338501	0.002988372
4	rs3913682	0.394265	0.33089	0.002999199
21	rs2826583	0.175627	0.130331	0.003003852
1	rs3122291	0.301075	0.365928	0.003005405
1	rs10799701	0.517921	0.449591	0.003010067
20	rs1537479	0.517921	0.450239	0.003016295
9	rs7874009	0.0268817	0.0582425	0.003017854
19	rs4420638	0.143369	0.197579	0.003020975
9	rs10512385	0.0645161	0.106278	0.003025662
3	rs11710743	0.223022	0.283135	0.00303349
1	rs1582115	0.23741	0.183753	0.003038196
5	rs2546724	0.369176	0.436649	0.003042911
7	rs13233832	0.165468	0.221144	0.003047632
3	rs4410472	0.216846	0.166099	0.003053939
13	rs17337503	0.189964	0.1422	0.003063424
6	rs9356167	0.09319	0.0606061	0.003068178
6	rs3734773	0.103943	0.0689244	0.003068178
17	rs1005369	0.159498	0.115791	0.003071352
9	rs7046921	0.420863	0.355999	0.003076118
16	rs11646028	0.278777	0.342672	0.003077709
6	rs7763815	0.471326	0.40494	0.0030793
3	rs12497321	0.34767	0.414617	0.003080892
5	rs4326106	0.175627	0.129768	0.003087269
14	rs7151611	0.185252	0.242584	0.00309206
16	rs3891920	0.145683	0.103578	0.00309206
3	rs347974	0.193548	0.144755	0.00309686
10	rs12355975	0.105735	0.0706003	0.003100063
9	rs11793751	0.0949821	0.142053	0.00310327
9	rs7858160	0.188849	0.140763	0.00310327
1	rs7536787	0.307554	0.37287	0.003104875
6	rs2569854	0.132616	0.0928134	0.003109694
7	rs3948710	0.145161	0.103202	0.003111302
12	rs2288726	0.166667	0.222411	0.003112911
6	rs2019943	0.46595	0.399148	0.003114521
3	rs4549	0.267025	0.330892	0.003124197
3	rs440646	0.458781	0.392979	0.003130665
9	rs7030274	0.345878	0.411524	0.003148523
2	rs7566090	0.107914	0.0723056	0.003150151
22	rs4823413	0.130824	0.0913118	0.003168121
17	rs9910565	0.311828	0.376703	0.0031714
6	rs3135377	0.276978	0.220382	0.003174682
3	rs7628058	0.52509	0.458262	0.003176324
3	rs1486337	0.339928	0.279782	0.003177967
18	rs603113	0.173835	0.229444	0.003184548
4	rs7693500	0.394265	0.331233	0.003186196
6	rs13198062	0.375899	0.311817	0.003186196
8	rs17674240	0.0358423	0.0695297	0.003194446

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs7897813	0.127698	0.0887564	0.003199407
1	rs1979827	0.362007	0.428912	0.003204375
6	rs217326	0.377698	0.445845	0.003207692
5	rs7729142	0.397849	0.464517	0.003217662
6	rs9350750	0.160072	0.116263	0.003217662
10	rs10826258	0.115108	0.164108	0.003217662
8	rs10089350	0.115108	0.0786958	0.003219327
8	rs2333871	0.292115	0.234343	0.003220993
1	rs662440	0.293907	0.358067	0.003229335
2	rs10496574	0.0770609	0.11938	0.003229335
18	rs2635508	0.0842294	0.0531154	0.003231006
10	rs1467642	0.105735	0.0705281	0.003232678
4	rs7688738	0.492832	0.425964	0.00323435
5	rs9314165	0.419065	0.353222	0.003244405
6	rs12197499	0.0681004	0.109939	0.003247764
5	rs10085034	0.419355	0.353883	0.003256176
7	rs7778027	0.209677	0.160143	0.003257862
17	rs10491097	0.256272	0.319033	0.003257862
1	rs493680	0.44964	0.383725	0.003262922
7	rs2140615	0.426259	0.493013	0.003264611
18	rs17552501	0.296763	0.239012	0.003276456
10	rs10887096	0.158273	0.114899	0.003281546
2	SNP_A-2301573	0.164875	0.120525	0.003283245
15	rs17672041	0.0824373	0.126282	0.003284944
10	rs1935933	0.415771	0.482794	0.003286644
1	rs555070	0.419355	0.486542	0.003288346
1	rs1710415	0.256272	0.202044	0.003295159
11	rs12808148	0.103943	0.152115	0.003296865
2	rs16831843	0.107527	0.0721825	0.003301987
3	rs336612	0.40681	0.342375	0.003303696
3	rs16842060	0.191336	0.248638	0.003305406
10	rs1860082	0.214029	0.164278	0.003305406
10	rs2799401	0.385305	0.322828	0.003308829
1	rs233111	0.34767	0.28744	0.003324277
2	rs6541775	0.0770609	0.11938	0.003325998
8	rs3931281	0.51259	0.446149	0.003325998
4	rs4417998	0.284173	0.22701	0.003332891
7	rs879629	0.401434	0.338215	0.003332891
4	rs17015513	0.394265	0.331461	0.003334616
5	rs9327261	0.358423	0.297647	0.003334616
7	rs7791577	0.27518	0.337939	0.003334616
8	rs10958508	0.428315	0.495405	0.003339798
13	rs773328	0.399281	0.336116	0.003339798
7	rs12670472	0.318996	0.259196	0.003344988
2	rs17666257	0.0913978	0.0591544	0.00334672
4	rs6841833	0.0501792	0.087334	0.003360607
5	rs11167647	0.426523	0.362274	0.003364089
3	rs2034869	0.528674	0.461342	0.003369317
20	rs6027514	0.462366	0.396934	0.003369317
6	rs9352566	0.141577	0.10058	0.003376301
8	rs6472127	0.53405	0.467269	0.003376301
7	rs11761481	0.0685921	0.110164	0.003381549

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
11	rs4881692	0.50361	0.43686	0.0033833
13	rs2036975	0.132616	0.09375	0.003386805
1	rs10803303	0.116487	0.165642	0.003388559
10	rs3006675	0.359712	0.298261	0.003407912
10	rs4747273	0.105735	0.154108	0.003411443
5	rs1020721	0.189964	0.142541	0.00341321
9	rs16919602	0.124101	0.175298	0.00341321
13	rs1333099	0.451613	0.385944	0.00341321
16	rs4124065	0.226619	0.175238	0.003414977
12	rs11045272	0.442652	0.377387	0.003418516
12	rs11111945	0.0878136	0.133049	0.003425603
5	SNP_A-2297922	0.117754	0.080348	0.003429153
15	rs12440325	0.185921	0.243018	0.003429153
12	rs11178702	0.541219	0.475435	0.003430929
6	rs2201806	0.489209	0.422264	0.003434484
11	rs11041174	0.129032	0.0899796	0.003436263
9	rs7860502	0.413978	0.480382	0.003438043
4	SNP_A-1948755	0.0593525	0.0987402	0.003439824
2	rs11122865	0.0770609	0.11891	0.003446956
9	rs1547689	0.123656	0.174565	0.003448742
8	rs755223	0.52509	0.458575	0.003454104
17	rs11656396	0.0539568	0.0920873	0.003457684
3	rs9863142	0.216846	0.16678	0.003459475
3	rs9311419	0.0501792	0.0871935	0.003466649
7	rs10486612	0.273381	0.335493	0.003466649
6	rs217303	0.378136	0.445734	0.003475638
3	rs404552	0.406475	0.342302	0.003477438
1	rs10874078	0.419355	0.484998	0.003500933
8	rs4440674	0.112903	0.0766871	0.003508194
8	rs16884604	0.292115	0.234763	0.003510012
15	rs1479524	0.535842	0.469857	0.003520939
19	rs7258693	0.442446	0.378024	0.003524589
11	rs10765565	0.344086	0.409727	0.003542896
6	rs196454	0.362007	0.428304	0.003546569
6	rs3798889	0.37276	0.309646	0.003553927
14	rs2052656	0.18638	0.242765	0.003555769
5	rs4869264	0.4319	0.36636	0.0035613
15	rs11632145	0.136201	0.0969005	0.0035613
7	rs846334	0.516129	0.449932	0.003564993
1	rs11580294	0.254513	0.200751	0.003577947
3	rs16842468	0.0395683	0.0734039	0.003581657
7	rs39358	0.503597	0.437862	0.003581657
6	rs911193	0.403226	0.468793	0.00358723
1	rs11162830	0.418773	0.484487	0.00359095
19	rs11672056	0.431655	0.498638	0.003592811
8	rs719213	0.247312	0.194246	0.003594673
12	rs7304508	0.229391	0.178754	0.003594673
3	rs336611	0.406475	0.342428	0.003596537
1	rs4240872	0.272401	0.217813	0.003600266
12	rs2117018	0.392086	0.328285	0.003604
17	rs8066371	0.387097	0.325502	0.003609608
20	rs6130168	0.433692	0.369676	0.003609608

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs773317	0.397849	0.335553	0.003611479
9	rs12340614	0.18638	0.139986	0.003617098
8	rs4282547	0.220217	0.2806	0.003628364
1	rs593479	0.422939	0.489445	0.003630245
7	rs846326	0.410394	0.47615	0.003635895
4	rs10516352	0.120072	0.0831063	0.003639666
14	rs1008924	0.390681	0.456329	0.003639666
3	rs1470204	0.349462	0.415191	0.003643441
4	rs4579104	0.207885	0.265689	0.003643441
4	rs343849	0.232014	0.292064	0.003658581
6	rs12216096	0.340502	0.405175	0.003658581
2	rs6717212	0.0770609	0.118609	0.003662376
6	rs10484863	0.124101	0.0868233	0.003664275
8	rs731079	0.408273	0.345104	0.003666175
11	rs4910747	0.21223	0.162747	0.00367569
12	rs12303393	0.132616	0.18318	0.003683321
18	rs755719	0.503584	0.438501	0.003683321
10	rs9423709	0.177419	0.233709	0.003687142
5	rs17168353	0.304659	0.247868	0.00369863
2	rs1439670	0.062724	0.101975	0.003700548
3	rs339707	0.397849	0.334583	0.003702467
6	rs1352976	0.428058	0.363838	0.003702467
7	rs12671604	0.327957	0.392881	0.003702467
18	SNP_A-2217825	0.0896057	0.0580403	0.003708231
1	rs4128552	0.415771	0.481942	0.003710154
6	rs9459136	0.435484	0.370698	0.003723645
11	rs645156	0.250896	0.198161	0.003723645
11	rs540787	0.250896	0.198161	0.003723645
2	rs4666111	0.0663082	0.105756	0.003725576
19	rs16981648	0.0758123	0.0472374	0.003727508
9	rs10122498	0.18705	0.140572	0.003729442
1	rs1353866	0.0483871	0.0847255	0.003731376
13	rs1333100	0.451613	0.38658	0.003735248
12	rs1357682	0.456989	0.392334	0.003744946
6	rs9449623	0.393885	0.329635	0.003748832
11	rs11212484	0.181004	0.236277	0.003756617
7	rs1978137	0.303957	0.366905	0.003758565
18	rs2111922	0.216846	0.16735	0.003762466
1	rs2479131	0.397849	0.462692	0.003782031
18	rs17552342	0.295699	0.238931	0.003783993
2	rs7586146	0.134409	0.0957338	0.003785956
3	rs468513	0.267025	0.329983	0.00378792
12	rs16915574	0.505376	0.439224	0.00378792
11	rs2512483	0.25	0.19731	0.003791852
1	rs10925372	0.159498	0.214334	0.003797757
3	rs4955274	0.419355	0.48569	0.003797757
16	rs11074352	0.231183	0.290729	0.003805645
9	rs12352349	0.146953	0.106376	0.00380762
14	rs10143447	0.18638	0.242321	0.003809595
7	rs2110871	0.354839	0.295099	0.003811572
17	rs4473237	0.0430108	0.0776302	0.003811572
5	rs10866584	0.356631	0.296151	0.00381355

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs930208	0.0519713	0.0890364	0.003817508
6	rs2027280	0.341727	0.405696	0.003817508
15	rs17264460	0.163669	0.11985	0.003817508
7	rs4731581	0.327957	0.392711	0.003821471
20	rs6079791	0.126354	0.177073	0.003821471
12	rs12825942	0.456989	0.392565	0.003827423
10	rs10887936	0.349462	0.414879	0.003837364
4	rs9884781	0.417563	0.483311	0.003839356
2	rs771266	0.342294	0.282305	0.003843342
4	rs6821871	0.320144	0.384537	0.003849328
6	rs10457749	0.340502	0.40477	0.003855324
3	rs1348213	0.349462	0.414763	0.003857325
6	rs9499615	0.304659	0.368394	0.003859327
7	rs4292583	0.206093	0.157284	0.00386133
13	rs17572366	0.203237	0.154855	0.003865339
19	rs6509133	0.32554	0.26678	0.003869353
6	rs3798887	0.37276	0.31018	0.00387337
10	rs211379	0.195341	0.251872	0.00387337
1	rs12732460	0.0304659	0.0611168	0.003875381
1	rs684382	0.277778	0.33959	0.003889483
3	rs3774398	0.267025	0.32941	0.003893522
12	rs7959314	0.138489	0.189779	0.003897565
1	rs543633	0.267025	0.32748	0.003899588
6	rs2275446	0.352518	0.292704	0.00390972
5	rs30731	0.310036	0.252472	0.003911749
2	rs1510088	0.0967742	0.0642906	0.003917844
4	rs10008326	0.195341	0.252387	0.003921913
5	rs17291699	0.078853	0.0500342	0.003925986
9	rs16909065	0.0268817	0.0558974	0.003925986
11	rs10898758	0.393885	0.460163	0.003928024
2	rs977984	0.553763	0.487057	0.003936188
2	rs939850	0.240072	0.300443	0.003946416
11	rs10835397	0.413669	0.478713	0.003950515
15	rs12708406	0.501792	0.436649	0.003950515
8	rs12545912	0.296029	0.239101	0.003954619
16	rs9941266	0.354317	0.418569	0.003956672
1	rs11210119	0.415771	0.481431	0.003969015
6	rs12529407	0.374552	0.311989	0.003973137
20	rs879012	0.369176	0.307876	0.003973137
5	rs17796864	0.345324	0.285593	0.00397933
2	rs7598007	0.0770609	0.118048	0.003981396
1	rs2815839	0.435484	0.371852	0.003983464
2	rs16831873	0.188172	0.141301	0.003993817
6	rs2799353	0.228417	0.177732	0.003993817
7	rs2286105	0.120072	0.168827	0.003997966
14	rs10483658	0.0935252	0.13886	0.003997966
15	rs6493743	0.121864	0.170014	0.004000042
1	rs754138	0.361511	0.426984	0.004004198
2	rs809538	0.131295	0.0930233	0.004004198
5	rs3862065	0.231183	0.291865	0.004012523
1	rs538423	0.363309	0.428109	0.004014606
2	rs13419936	0.21147	0.269506	0.004018778

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs17460940	0.24552	0.193526	0.004020865
2	rs7604446	0.482079	0.417007	0.004027133
15	rs2120643	0.100358	0.0668258	0.004029224
2	rs9306898	0.107527	0.0727676	0.004039699
4	rs6824703	0.355596	0.295866	0.004039699
1	rs924297	0.129032	0.179204	0.004045997
11	rs522134	0.256272	0.317501	0.004050201
9	rs263645	0.399642	0.465247	0.004052305
13	rs1543550	0.38172	0.320211	0.004052305
10	rs211389	0.078853	0.12069	0.004058623
21	rs2830144	0.175627	0.229997	0.004058623
6	rs6911728	0.408602	0.473559	0.004071289
3	rs1992449	0.308244	0.371594	0.004073404
10	rs996229	0.344086	0.408441	0.004073404
8	rs1365008	0.0967742	0.142589	0.004083996
10	rs7083441	0.0611511	0.1	0.004083996
22	rs175148	0.428315	0.364488	0.004083996
10	rs12573117	0.344086	0.408456	0.004086117
2	rs516383	0.154676	0.207226	0.00408824
10	rs1998756	0.265233	0.327034	0.004092489
6	rs10943930	0.374552	0.312159	0.004094615
6	rs4945900	0.304659	0.368018	0.004098871
18	rs4798647	0.200717	0.152967	0.004105263
6	rs4708872	0.401434	0.339304	0.004107396
2	rs2119289	0.0663082	0.105667	0.004113801
4	rs4692266	0.207885	0.264736	0.004113801
20	rs751484	0.281362	0.342536	0.004118077
1	rs12035913	0.284173	0.228294	0.004120217
4	rs1105138	0.397849	0.33646	0.004120217
14	rs1271500	0.198925	0.151789	0.004120217
6	rs7764933	0.304659	0.367973	0.004130932
8	rs1882853	0.0917266	0.0602861	0.004135226
10	rs10824784	0.344086	0.408379	0.004145981
1	rs3737599	0.258065	0.204259	0.004148136
12	rs1798079	0.539427	0.474983	0.004148136
11	rs477389	0.250903	0.198502	0.004150291
3	rs1457830	0.385305	0.32397	0.004156765
3	rs7613095	0.330935	0.272309	0.004156765
6	rs6903322	0.392473	0.329293	0.004158925
11	rs184443	0.365591	0.304978	0.004158925
12	rs7487188	0.390681	0.327939	0.004158925
10	rs4933500	0.306452	0.369915	0.004161086
6	rs3805767	0.09319	0.0615621	0.004167577
21	rs9653818	0.0967742	0.141908	0.004167577
6	rs7750443	0.372302	0.310092	0.004169743
6	rs6940515	0.469534	0.404811	0.00417191
6	rs9391078	0.304659	0.367892	0.004174078
1	rs11205641	0.362007	0.426431	0.004176247
13	rs6562337	0.179211	0.232776	0.004176247
1	rs1780324	0.517986	0.451959	0.004180589
6	rs9377543	0.304659	0.367847	0.004180589
11	rs4472929	0.116487	0.163203	0.004180589

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
18	rs11152207	0.342294	0.406505	0.004184936
2	rs720069	0.322581	0.385324	0.004187111
8	rs1386687	0.0866426	0.0553663	0.004187111
5	rs251550	0.383513	0.322377	0.004191465
14	rs17197037	0.449821	0.385218	0.004195823
7	rs17133180	0.363309	0.302488	0.004198003
1	rs17376644	0.129032	0.178998	0.004200185
19	rs17265697	0.105735	0.0715746	0.004202369
3	rs1368515	0.503584	0.438671	0.004204553
5	rs4547952	0.305755	0.248552	0.004208925
6	rs197120	0.206835	0.158749	0.004208925
15	rs12440538	0.136201	0.0974114	0.004208925
20	rs4814376	0.437276	0.374489	0.004208925
17	rs12150511	0.0487365	0.0849796	0.004213301
12	rs7315229	0.299283	0.243354	0.004215491
16	rs8061688	0.489247	0.425358	0.004215491
11	rs736894	0.143369	0.194539	0.004224263
2	rs17022452	0.193548	0.147049	0.004230854
11	rs17596638	0.0913978	0.0600478	0.004230854
4	rs6816158	0.394265	0.459086	0.004237456
6	rs9499589	0.304659	0.367802	0.004237456
3	rs11711331	0.388087	0.326746	0.004239658
1	rs4844406	0.392086	0.330777	0.004241862
3	rs17026472	0.0539568	0.090785	0.004244068
8	rs4637895	0.271739	0.333333	0.004263967
10	rs4935044	0.344086	0.408101	0.004263967
9	rs2383046	0.323105	0.265237	0.004270621
9	rs12350170	0.413978	0.479046	0.004279509
10	rs12570523	0.424731	0.489785	0.00428396
6	rs12179535	0.304659	0.367667	0.004286188
3	rs1822223	0.0503597	0.0864893	0.004292877
1	rs2447043	0.392473	0.457352	0.004299577
10	rs10508768	0.121864	0.169843	0.004299577
7	rs39353	0.501792	0.437415	0.004301813
6	rs220772	0.401434	0.467143	0.00430405
20	rs873523	0.234767	0.183646	0.004306288
3	rs6549522	0.141577	0.192203	0.004317496
16	rs8061991	0.260791	0.321976	0.004317496
7	rs39363	0.501792	0.437479	0.004319741
10	rs211388	0.078853	0.120225	0.004319741
15	rs7171697	0.161232	0.11856	0.004328734
1	rs4636500	0.428315	0.365339	0.004340001
9	rs263655	0.496403	0.430541	0.004342259
7	rs1639046	0.267025	0.328737	0.004344517
8	rs7824253	0.200717	0.153099	0.004344517
4	rs6817648	0.374101	0.313585	0.004353562
13	rs4141774	0.0985663	0.0659734	0.004353562
10	rs172431	0.195341	0.251108	0.004360358
9	rs10976357	0.290323	0.235364	0.004364895
16	rs874505	0.323741	0.387185	0.00437171
9	rs7865016	0.455197	0.39209	0.004373984
15	rs1899743	0.376344	0.316292	0.004387652

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs9499614	0.304659	0.367497	0.004396789
2	rs2911653	0.412186	0.349829	0.004403654
9	rs1073123	0.176259	0.131435	0.004403654
1	rs12133935	0.518051	0.452949	0.004412825
5	rs270661	0.139785	0.191482	0.004419715
5	rs1015976	0.296029	0.3589	0.004424315
2	rs12613783	0.336918	0.278308	0.004431224
1	rs16852759	0.133094	0.094452	0.004433529
11	rs226109	0.516129	0.451327	0.004435836
8	rs7839640	0.438628	0.37517	0.004442763
5	rs7735889	0.316547	0.259114	0.004454333
12	rs1290256	0.437276	0.37287	0.004456651
15	rs289405	0.34767	0.287445	0.00445897
19	rs10426136	0.444245	0.381512	0.00446129
4	rs10461166	0.397482	0.336512	0.004463611
5	rs7720380	0.453237	0.389287	0.004472909
10	rs10825976	0.213262	0.270684	0.004472909
19	rs1345831	0.304659	0.366803	0.004477565
3	rs9876344	0.350719	0.415162	0.004482226
10	rs2796780	0.275986	0.337423	0.004484558
3	rs339658	0.281362	0.343334	0.004486892
5	rs790829	0.302867	0.24668	0.004486892
2	rs12616610	0.0773381	0.117828	0.004496239
15	rs10518997	0.293165	0.238404	0.004496239
9	rs10975629	0.419355	0.483992	0.004498579
9	rs10989314	0.123656	0.172979	0.00450092
7	rs10282699	0.0716846	0.11236	0.004505606
5	rs6449937	0.139785	0.189932	0.004507951
2	rs12468520	0.241935	0.301193	0.004510297
6	rs532229	0.269784	0.215406	0.004510297
5	rs17429180	0.321942	0.264055	0.004514993
7	rs699486	0.532258	0.467984	0.004522046
9	rs7873840	0.256272	0.31682	0.004522046
6	rs1352029	0.350181	0.291368	0.004531467
4	rs10516755	0.233813	0.292575	0.004538547
3	rs10512884	0.172043	0.127939	0.004540909
16	rs1833936	0.370504	0.31001	0.004540909
2	rs6734194	0.412186	0.476653	0.004545637
1	rs484743	0.530466	0.465259	0.00455748
6	rs7763983	0.19964	0.255965	0.004564601
7	rs2237421	0.4319	0.496083	0.004564601
19	rs1345832	0.303957	0.366132	0.004564601
11	rs6592176	0.308244	0.251447	0.004569354
14	rs7158714	0.353047	0.417376	0.004569354
1	rs2197783	0.177419	0.132584	0.004571733
12	rs1354560	0.0448029	0.0787858	0.004578876
5	rs10042348	0.139785	0.18982	0.00458126
10	rs1041539	0.308244	0.370951	0.00458126
8	SNP_A-1911932	0.170251	0.223339	0.004586031
6	rs9296840	0.31362	0.376025	0.004590807
10	rs1335713	0.268953	0.214894	0.004590807
13	rs17086047	0.142086	0.10273	0.004600375

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
15	rs1566573	0.222222	0.280558	0.00460277
3	rs2240327	0.532258	0.46778	0.004605166
12	rs2127536	0.337545	0.279026	0.004605166
14	rs1156651	0.18705	0.241726	0.004605166
10	rs4935369	0.424731	0.489271	0.004617167
10	rs17138511	0.0917266	0.135573	0.004634021
17	rs11079772	0.258123	0.318569	0.004636434
6	rs6928183	0.175627	0.230218	0.004638848
11	rs353605	0.229391	0.288003	0.00464368
5	rs2560303	0.15233	0.203779	0.004648518
4	rs4690627	0.516187	0.451739	0.00466306
6	rs6458572	0.351254	0.292733	0.00466306
7	rs1916980	0.435484	0.49966	0.00466306
8	rs297571	0.238351	0.296795	0.00466306
5	rs12690623	0.139785	0.189714	0.004667918
13	rs7327344	0.388889	0.32845	0.004670349
12	rs10843561	0.460573	0.396763	0.004672781
20	rs6112532	0.0304659	0.0611793	0.00467765
6	rs7753901	0.264388	0.211289	0.004682523
15	rs17671250	0.0884477	0.131534	0.004682523
15	rs1904392	0.539427	0.475468	0.004682523
2	rs6714869	0.310036	0.252983	0.004689843
1	rs859080	0.163082	0.216207	0.004694729
9	rs10993706	0.100719	0.0675077	0.00469962
12	rs11173699	0.455197	0.392016	0.004709419
19	rs8105151	0.0824373	0.124404	0.004709419
2	rs7582192	0.31362	0.255885	0.004711872
2	rs2345902	0.111111	0.0770017	0.004711872
5	rs11748893	0.142086	0.102117	0.004714326
15	rs11633619	0.278777	0.339237	0.004714326
17	rs7218813	0.258065	0.318166	0.004714326
12	rs17649306	0.114695	0.161559	0.004716781
6	rs9499594	0.305755	0.368214	0.004721696
18	rs17759149	0.22482	0.175187	0.004721696
11	rs10768203	0.336918	0.278175	0.004724156
11	rs602041	0.221223	0.17252	0.004726616
13	rs9520691	0.28853	0.349693	0.004726616
7	rs17137711	0.419355	0.357532	0.004743878
11	rs1566732	0.354839	0.417717	0.004743878
2	rs1485059	0.120939	0.0849506	0.004746349
11	rs11230584	0.116906	0.16399	0.004748822
1	rs6702810	0.306452	0.368475	0.004753771
2	rs10497364	0.324373	0.267224	0.004761204
6	rs10943933	0.392473	0.330211	0.004771133
7	rs10238949	0.386691	0.450683	0.004771133
2	rs10180407	0.134409	0.184542	0.004773619
6	rs9386374	0.305755	0.368143	0.004773619
1	rs7522239	0.181004	0.135992	0.004776106
19	rs2542280	0.44086	0.378576	0.004776106
6	rs2313754	0.12724	0.0899489	0.004778594
6	rs9295140	0.256272	0.203716	0.004778594
11	rs11221075	0.158845	0.116382	0.004778594

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs3128921	0.206093	0.262862	0.004791055
10	rs1556401	0.166667	0.123423	0.004791055
1	rs1167309	0.260791	0.32071	0.004801048
2	rs2713249	0.0609319	0.0986371	0.004803549
6	rs6941555	0.351254	0.292916	0.004806052
11	rs7928108	0.272401	0.218771	0.004808556
20	rs6132672	0.431655	0.369573	0.004811062
1	rs706430	0.372302	0.436627	0.004816077
2	rs1375144	0.275986	0.33663	0.004818586
10	rs10824829	0.417563	0.481784	0.004818586
2	rs10183157	0.0250896	0.0529733	0.004821097
2	rs2345814	0.34767	0.289438	0.004823609
12	rs10772690	0.215054	0.271984	0.004826123
1	rs7543704	0.419355	0.483992	0.004831154
3	rs1948153	0.528674	0.463909	0.004831154
10	rs211390	0.195341	0.250342	0.004831154
3	rs10934261	0.503584	0.439714	0.004841232
9	rs4961664	0.329137	0.271224	0.004853859
6	rs10457801	0.312274	0.374744	0.004856389
1	rs1597171	0.185921	0.139959	0.00485892
2	rs10497100	0.111111	0.0769755	0.00485892
7	rs39384	0.5	0.436584	0.004861452
1	rs6588561	0.365108	0.429179	0.004863986
1	rs12044481	0.229242	0.178998	0.004863986
5	rs724784	0.460573	0.397204	0.004871594
2	rs17532259	0.435484	0.5	0.004874133
9	rs1338733	0.125448	0.174617	0.004874133
11	rs493151	0.433453	0.370528	0.004876674
5	rs9291920	0.139785	0.189461	0.004879215
7	rs4720415	0.433453	0.497275	0.004879215
9	rs10810617	0.0430108	0.0759645	0.004884303
6	rs1539439	0.374101	0.312884	0.004889395
9	rs3829851	0.0286738	0.058623	0.004894494
1	rs1179484	0.261649	0.321051	0.004902151
12	rs2041381	0.358423	0.299046	0.004904706
15	rs898577	0.0896057	0.0592845	0.004904706
2	rs11681380	0.31362	0.256218	0.004909821
7	rs12540583	0.132616	0.0939952	0.004909821
7	rs12539328	0.250896	0.309646	0.004917502
20	rs6015369	0.329137	0.271876	0.004920066
2	rs7573890	0.111111	0.0770279	0.004938047
1	rs2042369	0.258065	0.205482	0.004943197
1	rs16851731	0.258065	0.205482	0.004943197
21	rs2834997	0.413978	0.35201	0.004943197
15	rs7175384	0.340502	0.281846	0.00495868
2	rs13414823	0.252688	0.200989	0.004974212
13	rs17574550	0.265233	0.212291	0.004974212
3	rs7636660	0.421147	0.4855	0.004987193
2	rs11123306	0.275986	0.336457	0.004994998
14	rs2145449	0.419355	0.483117	0.004997602
22	rs8137199	0.24552	0.305111	0.004997602
2	rs13393653	0.34767	0.410221	0.005002816

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs9558993	0.487455	0.424429	0.005005424
2	rs17012789	0.230216	0.180579	0.005015873
5	rs2024055	0.345324	0.287028	0.005015873
19	rs10854117	0.250896	0.310221	0.005018488
2	rs4513278	0.253597	0.202044	0.005023724
4	rs1955376	0.17446	0.130286	0.005023724
6	rs3792930	0.09319	0.0620525	0.005023724
11	rs687607	0.537634	0.473549	0.005023724
1	rs1338216	0.31362	0.375298	0.005026343
1	rs2797222	0.483871	0.419707	0.005026343
15	rs293358	0.426523	0.49046	0.005028965
11	rs658696	0.25	0.19884	0.005031587
10	rs11591299	0.112903	0.0774864	0.005036836
19	rs2216353	0.44086	0.378958	0.005047352
13	rs9535071	0.241877	0.190395	0.005055253
3	rs6779973	0.140288	0.190119	0.005060527
6	rs9918342	0.494585	0.430518	0.005065807
12	rs11104293	0.388889	0.327604	0.005065807
16	rs9930166	0.0268817	0.0556501	0.005065807
18	rs1573366	0.181004	0.234332	0.00506845
5	rs9293551	0.424731	0.488931	0.005076384
11	rs17599085	0.0863309	0.0564269	0.005081681
5	rs176809	0.265233	0.324532	0.005089637
6	rs17336166	0.225806	0.17603	0.005089637
7	rs1468348	0.137993	0.187223	0.005089637
4	rs10023373	0.114695	0.0801435	0.005092292
6	rs8180685	0.317204	0.260988	0.005102925
1	rs863969	0.460432	0.397445	0.005108251
12	rs1362653	0.372302	0.312628	0.005108251
12	rs11615362	0.250896	0.199626	0.005126933
1	rs2595951	0.139785	0.100886	0.005129608
19	rs11084585	0.442446	0.380239	0.005143002
2	rs9808392	0.252688	0.201091	0.005145686
8	rs2054608	0.357914	0.420389	0.005145686
8	rs1995057	0.539427	0.476101	0.005159123
18	rs12457004	0.062724	0.100272	0.005159123
12	rs17570542	0.114695	0.161049	0.005161815
3	rs9856066	0.551971	0.488079	0.005167202
7	rs17768153	0.120072	0.167291	0.005167202
16	rs16962268	0.129032	0.0912807	0.005169898
15	rs4980343	0.507194	0.444142	0.005175295
21	rs469220	0.177419	0.230664	0.005180697
10	rs1227783	0.321942	0.265508	0.0051834
18	rs12150846	0.294964	0.355756	0.0051834
10	rs2042867	0.234767	0.183924	0.005205078
1	rs172531	0.397849	0.336627	0.005207794
5	rs1835959	0.181655	0.136891	0.005213231
11	rs7121952	0.0773381	0.118048	0.005215951
5	rs10069436	0.121864	0.0855779	0.005224121
11	rs499804	0.249104	0.198332	0.005226848
6	rs10485147	0.371377	0.310539	0.005232305
17	rs2905877	0.34767	0.288927	0.005232305

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs13208108	0.295699	0.240627	0.005237767
3	rs13082510	0.270609	0.217451	0.005243236
11	rs763470	0.284173	0.230245	0.005243236
4	rs1111986	0.256272	0.315843	0.005245973
7	rs7782897	0.40681	0.345498	0.00524871
17	rs4271640	0.272401	0.331744	0.00525145
11	rs2175420	0.233813	0.183259	0.005254191
7	rs39350	0.420578	0.359092	0.005256933
10	rs2894324	0.184588	0.239012	0.005256933
14	rs8016617	0.353047	0.416354	0.005256933
21	rs2838486	0.249104	0.198158	0.005256933
20	rs6054431	0.336331	0.279046	0.005259677
20	rs8121302	0.302158	0.362752	0.005259677
3	rs1827101	0.0519713	0.0877641	0.005265169
4	rs6835889	0.311828	0.255873	0.005265169
12	rs7972251	0.458781	0.395812	0.005265169
7	rs6954281	0.0609319	0.0977149	0.005273418
14	rs7144265	0.16129	0.11985	0.005278924
20	rs6515590	0.106115	0.0726714	0.00528168
9	rs7033592	0.198925	0.152352	0.005284436
10	rs211431	0.469424	0.406505	0.005284436
5	rs9291912	0.139493	0.188885	0.005287195
16	rs1547991	0.539568	0.475468	0.005289955
17	rs12603885	0.343525	0.284521	0.005292716
3	rs1398101	0.232975	0.290201	0.005298243
13	rs2312302	0.197842	0.151892	0.005298243
12	rs7312241	0.272401	0.331801	0.005301009
10	rs11101175	0.129496	0.09258	0.005303776
10	rs10788293	0.501792	0.438053	0.005309315
3	rs10212228	0.353047	0.415531	0.005312087
5	rs329125	0.253597	0.201465	0.005312087
4	rs10003447	0.301075	0.245829	0.00531486
5	rs12153720	0.227599	0.284277	0.005317634
16	rs756458	0.323741	0.266519	0.00532041
17	rs8064322	0.326165	0.388283	0.00532041
4	rs4241612	0.281362	0.227087	0.005323188
2	rs1275925	0.501792	0.438202	0.005328748
5	rs250184	0.4319	0.496256	0.005328748
16	rs16969790	0.0268817	0.0552147	0.005334313
12	rs7970133	0.498201	0.434923	0.005337098
2	rs10495532	0.100358	0.0680575	0.005342672
2	rs3732192	0.118705	0.0830491	0.005348253
1	rs2595965	0.139785	0.101057	0.005351045
4	rs4600976	0.102151	0.146748	0.005353839
12	rs17109528	0.539427	0.476816	0.005356634
19	rs4805299	0.304659	0.365496	0.005359431
10	rs7918536	0.107527	0.07379	0.005373437
7	rs39365	0.5	0.437266	0.005376243
11	rs3850937	0.376344	0.439693	0.005376243
8	rs297567	0.238351	0.295811	0.00537905
19	rs6510202	0.44086	0.379387	0.00537905
10	rs17128993	0.157706	0.116564	0.005381859

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs722979	0.370968	0.434072	0.005384669
1	rs6677300	0.259857	0.318631	0.005387481
12	rs1520562	0.317204	0.261166	0.005395925
11	rs3862628	0.177419	0.230559	0.005398743
11	rs684129	0.498208	0.434946	0.005404383
19	rs1423699	0.304659	0.365463	0.005404383
17	rs2953013	0.339928	0.281644	0.005407205
1	rs859072	0.120504	0.167861	0.005412854
7	rs10499664	0.405018	0.344016	0.005412854
7	rs2529588	0.275986	0.222791	0.005412854
12	rs12099807	0.195341	0.150102	0.005412854
1	rs6659225	0.261649	0.320395	0.00542417
11	rs10765282	0.376344	0.439585	0.005444032
20	rs505714	0.516129	0.452917	0.005444032
2	rs17590703	0.163669	0.121212	0.005446875
9	rs2296772	0.0996377	0.0676551	0.005446875
8	rs17241553	0.195341	0.149506	0.00544972
15	rs11633657	0.280576	0.340034	0.005455414
2	rs2421104	0.25	0.308373	0.005461115
7	rs2074655	0.121864	0.168825	0.005461115
5	rs11739747	0.369176	0.432777	0.005463967
5	rs6895787	0.406137	0.345145	0.005463967
3	rs17793957	0.116487	0.0812606	0.005472533
8	rs2410528	0.435252	0.498124	0.005475392
1	rs10925382	0.159498	0.211925	0.005478252
1	rs1063302	0.0681004	0.107228	0.005481114
7	rs3793292	0.275986	0.334867	0.005481114
8	rs11992182	0.216846	0.272402	0.005481114
11	rs10830468	0.376344	0.439523	0.005483977
9	rs1324202	0.204301	0.157805	0.005486841
14	rs6573958	0.181004	0.136503	0.005489708
16	rs990051	0.277778	0.224114	0.005495444
2	rs11123291	0.385305	0.448722	0.005504061
7	rs10282691	0.136201	0.0981595	0.005504061
2	rs16831007	0.107527	0.0743956	0.005506937
5	rs872621	0.519713	0.456685	0.005509813
16	rs9938426	0.21147	0.163599	0.005512692
5	rs17220752	0.225806	0.177403	0.005518453
8	rs7465621	0.159498	0.118358	0.005518453
7	rs274637	0.295699	0.356192	0.005524221
16	rs4459549	0.0268817	0.0551771	0.005527107
8	rs998683	0.307554	0.252644	0.005529994
8	rs10092702	0.247312	0.196866	0.005529994
2	rs12151851	0.334532	0.277398	0.005532884
5	rs3797896	0.0791367	0.051212	0.005532884
16	rs8045712	0.369176	0.432437	0.005532884
4	rs10305921	0.294964	0.240171	0.005538667
6	rs9322066	0.315412	0.376663	0.005538667
21	rs2835011	0.413669	0.35242	0.005544456
6	rs9403732	0.100719	0.144661	0.005547352
16	rs17749793	0.354317	0.417549	0.005558955
7	rs17804238	0.25448	0.202827	0.005564766

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs4739412	0.131295	0.0938671	0.005567674
3	rs6787491	0.0555556	0.0915133	0.00557932
11	rs1112922	0.334532	0.277437	0.005582235
10	rs2288335	0.0394265	0.0706224	0.005590991
8	rs10481389	0.464158	0.401056	0.00559976
18	rs4287665	0.43705	0.376491	0.00559976
1	rs11161533	0.0448029	0.0776831	0.005602687
1	rs1864346	0.277174	0.336119	0.005602687
1	rs17534292	0.31362	0.374575	0.005611475
4	rs6841799	0.296763	0.241908	0.005614408
5	rs1903639	0.144404	0.104528	0.005620278
21	rs523372	0.336331	0.279332	0.005640871
1	rs301801	0.397849	0.337138	0.005643819
2	rs2196344	0.215054	0.270606	0.005646769
10	rs211267	0.198925	0.253233	0.005646769
16	rs687852	0.340502	0.403204	0.005649721
4	rs688808	0.185252	0.141104	0.005661542
8	rs4509291	0.247312	0.197001	0.005664501
5	rs315805	0.216846	0.168369	0.005667462
1	rs483330	0.263441	0.322037	0.005673388
3	rs1045960	0.462366	0.400375	0.005676354
19	rs8106631	0.305755	0.366394	0.005676354
8	rs1905526	0.09319	0.062223	0.005679321
1	rs11583306	0.258065	0.206263	0.00568229
3	rs854579	0.275986	0.335322	0.00568229
21	rs2824050	0.272401	0.331688	0.005688232
11	rs1380510	0.204301	0.157284	0.005691205
14	rs238381	0.358423	0.420102	0.005691205
3	rs149090	0.341727	0.403682	0.005700135
4	rs218282	0.281362	0.228016	0.005700135
15	rs7166991	0.0896057	0.131767	0.005706097
20	rs8121908	0.354839	0.416184	0.005706097
1	rs17649857	0.0394265	0.0709908	0.00571505
18	rs12150848	0.247312	0.305073	0.00571505
11	rs4756301	0.334532	0.27702	0.005718038
11	rs1060542	0.0268817	0.0547035	0.005718038
12	rs12300841	0.454874	0.393076	0.005718038
12	rs11178364	0.15233	0.111963	0.005718038
18	rs9961426	0.397112	0.337023	0.005718038
6	rs9393948	0.173835	0.131139	0.005721028
11	rs670418	0.498195	0.435198	0.005721028
20	rs1998115	0.283154	0.342025	0.005741998
1	rs1341712	0.257194	0.20501	0.005745
16	rs12597579	0.0268817	0.0552335	0.005751009
6	rs12191972	0.141577	0.190971	0.005754016
5	rs4705179	0.321942	0.265497	0.005757025
8	rs2430816	0.132616	0.180797	0.005757025
3	rs4635691	0.0519713	0.0871716	0.005760035
4	rs2320566	0.311828	0.256397	0.005763047
6	rs7738739	0.125448	0.0890971	0.005778129
11	rs1800532	0.435252	0.374233	0.005781151
10	rs211387	0.197842	0.25196	0.005790225

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs2802829	0.139785	0.101328	0.005796282
5	rs4422492	0.138489	0.186903	0.005796282
10	rs211254	0.198925	0.253065	0.005802346
13	rs9518239	0.34767	0.289617	0.005802346
3	rs9826951	0.151079	0.201635	0.00580538
1	rs4655020	0.366906	0.429789	0.005808416
11	rs2432703	0.517986	0.454964	0.005808416
6	rs3021344	0.473118	0.410252	0.005811454
7	rs17161104	0.0716846	0.110903	0.005817534
14	rs4982689	0.364621	0.306133	0.005817534
7	rs17161086	0.0716846	0.111035	0.00582362
10	rs9421740	0.189964	0.144876	0.005826666
13	rs7994817	0.383513	0.32374	0.005829713
1	rs354168	0.308244	0.368735	0.005832762
1	rs12402451	0.435252	0.374744	0.005841919
3	rs10934876	0.0752688	0.114913	0.005841919
3	rs6784312	0.435484	0.498127	0.005848031
12	rs11046737	0.0537634	0.0887866	0.00585109
6	rs6456190	0.195341	0.150171	0.00585415
17	rs9905702	0.462366	0.400649	0.005857212
20	rs6063880	0.150538	0.11096	0.005857212
2	rs4849270	0.289568	0.235605	0.005860276
5	rs6873504	0.421147	0.359721	0.005863341
20	rs6013531	0.150538	0.111073	0.005863341
5	rs1421681	0.324373	0.38531	0.005866408
12	rs6486740	0.383513	0.3239	0.005866408
1	rs1343161	0.261649	0.319857	0.005869477
1	rs241472	0.260791	0.319098	0.005875619
11	rs4757741	0.405018	0.466838	0.005875619
15	rs12440680	0.521505	0.458589	0.005875619
6	rs4382269	0.401434	0.340716	0.005887922
21	rs760062	0.413669	0.352811	0.005897167
8	rs10091527	0.286738	0.232982	0.005900252
5	rs2895647	0.343525	0.286421	0.005909517
8	rs10492294	0.270609	0.218452	0.005909517
20	rs7273511	0.297491	0.243703	0.005909517
8	rs3931280	0.517921	0.455631	0.005912608
10	rs10508975	0.337545	0.399387	0.005915701
2	rs7567967	0.315412	0.259973	0.005921893
5	rs245243	0.330935	0.39203	0.005924991
20	rs6079012	0.34767	0.290471	0.005931192
1	rs1338214	0.26259	0.320845	0.005934295
7	rs1722361	0.25448	0.311947	0.005934295
12	rs10770581	0.412186	0.474634	0.005934295
16	rs9929092	0.44086	0.504937	0.005934295
3	rs2169820	0.281362	0.228283	0.0059374
18	rs10502620	0.208633	0.264696	0.0059374
10	rs17537423	0.268953	0.216087	0.005940506
7	rs10954234	0.329137	0.391052	0.005949835
2	rs2043768	0.435484	0.498464	0.005952948
3	rs17007269	0.295699	0.241996	0.005952948
18	rs584087	0.429856	0.369336	0.005952948

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
18	rs8083614	0.17148	0.223527	0.005965417
1	rs1891667	0.261649	0.319714	0.005971662
3	rs7631421	0.355596	0.296625	0.00598417
4	rs5333	0.295699	0.241403	0.00598417
5	rs1427941	0.15942	0.210437	0.00598417
1	rs10791	0.0394265	0.0710634	0.005987302
3	rs17020402	0.195341	0.249319	0.005987302
10	rs7094601	0.404676	0.46711	0.005987302
3	rs1464791	0.394265	0.335266	0.00599357
6	rs558825	0.44964	0.387752	0.006009268
7	rs17321820	0.127698	0.091715	0.006009268
4	rs7655016	0.322581	0.383174	0.006021857
6	rs4279411	0.426523	0.489779	0.006021857
1	rs12132569	0.0791367	0.050937	0.006025009
6	rs17085430	0.256318	0.205842	0.006025009
2	rs7603606	0.09319	0.136224	0.006031317
6	rs9365729	0.494624	0.432004	0.006040792
5	rs12188581	0.344086	0.287201	0.006043953
15	rs2929637	0.172662	0.129302	0.006043953
2	rs13006150	0.219424	0.275962	0.006050282
5	rs11954297	0.320789	0.264836	0.006053448
6	rs6937193	0.371841	0.312053	0.006053448
5	rs1432642	0.302867	0.248637	0.006056617
12	rs10876654	0.138989	0.187244	0.006059787
4	rs10013957	0.293907	0.2397	0.006062958
11	rs1612635	0.31362	0.374575	0.006066132
5	rs245161	0.288809	0.235344	0.006069307
14	rs4900107	0.216846	0.168937	0.006072484
1	rs6429753	0.284173	0.231058	0.006082024
3	rs6548773	0.385305	0.326687	0.006082024
17	rs4796759	0.197133	0.151856	0.006085208
11	rs2067022	0.154122	0.11359	0.006094769
11	rs532876	0.131295	0.178766	0.006110738
10	rs181673	0.519713	0.458106	0.006113937
9	rs719724	0.37276	0.434219	0.00612675
8	rs4736753	0.404332	0.467643	0.006133167
11	rs226165	0.5	0.437649	0.006133167
2	rs11124754	0.0448029	0.0776186	0.006139591
7	rs274621	0.286738	0.346049	0.006146021
15	rs1479520	0.537906	0.475793	0.006146021
16	rs16959914	0.0395683	0.0704297	0.006152459
1	rs11247612	0.431655	0.371633	0.00615568
18	rs12457153	0.181004	0.23297	0.006158903
14	rs6572681	0.284173	0.343729	0.006162128
1	rs2009112	0.473022	0.411384	0.006165354
15	rs7496790	0.535842	0.473783	0.006165354
5	rs10491334	0.253597	0.202689	0.006171812
4	rs17277345	0.448029	0.386789	0.006187987
11	rs11222220	0.105735	0.0727428	0.006191227
3	rs6443856	0.134409	0.0971039	0.006197713
8	rs4737886	0.302158	0.361593	0.006200959
6	rs161712	0.412186	0.351688	0.006207455

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs9388649	0.125448	0.0893769	0.006210705
3	rs2653386	0.177419	0.229472	0.006213958
11	rs10893895	0.317204	0.262018	0.006217212
5	rs12519725	0.369176	0.311967	0.006223725
5	rs1864205	0.411871	0.351858	0.006223725
1	rs11206480	0.370504	0.432709	0.006230246
4	rs13117506	0.229391	0.284985	0.006230246
3	rs17007274	0.295699	0.242326	0.006236773
5	rs17428570	0.344086	0.287368	0.006240039
5	rs11949751	0.31362	0.258609	0.006243307
12	rs10506968	0.206835	0.160252	0.006243307
2	rs2361743	0.489247	0.426355	0.006246577
6	rs564461	0.541219	0.47855	0.006259674
3	rs4858292	0.330935	0.391408	0.006262953
6	rs6569535	0.125448	0.0894074	0.006262953
5	rs6893920	0.272563	0.220362	0.006266233
16	rs8050334	0.487455	0.425623	0.006266233
4	rs17827110	0.388889	0.330494	0.006269515
5	rs301078	0.379928	0.321696	0.006269515
5	rs17502345	0.320789	0.264997	0.006272799
4	rs10031554	0.125899	0.0896387	0.006276084
22	rs9606478	0.21147	0.265918	0.006276084
10	rs12784493	0.143369	0.104699	0.006282661
18	rs7242468	0.100719	0.143344	0.006285952
1	rs11164988	0.078853	0.050937	0.006292539
5	rs979028	0.492806	0.430499	0.006292539
19	rs10401545	0.242806	0.299523	0.006295835
4	rs17615499	0.107527	0.074276	0.006299133
10	rs1903996	0.530466	0.467632	0.006299133
10	rs11188256	0.277778	0.225273	0.006299133
14	rs17105872	0.154676	0.205041	0.006299133
5	SNP_A-2291587	0.344086	0.28744	0.006302432
7	rs7785316	0.110108	0.155548	0.006305734
4	rs5334	0.295699	0.241738	0.006309037
17	rs242928	0.379496	0.441247	0.006309037
12	rs7295130	0.317204	0.262091	0.006315648
1	rs17402685	0.367384	0.42952	0.006318957
1	rs1531088	0.496403	0.434627	0.006318957
5	rs11957907	0.320789	0.265066	0.006325579
1	rs11583187	0.148746	0.109615	0.006328893
5	rs17492851	0.344086	0.287466	0.006332209
6	rs13209689	0.369176	0.311542	0.006332209
6	rs6919939	0.379496	0.321197	0.006332209
8	rs17255646	0.292115	0.23833	0.006342166
9	rs2417911	0.0663082	0.104223	0.006342166
1	rs1146579	0.284946	0.344123	0.006348813
11	rs867272	0.311828	0.372402	0.006348813
12	rs7311500	0.317204	0.262172	0.006348813
16	rs1871260	0.332734	0.27615	0.006355467
18	rs470889	0.181004	0.232776	0.006362129
12	rs1400061	0.317204	0.262189	0.006378813
9	rs11792896	0.0967742	0.0652768	0.006392193

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
20	rs6022099	0.148746	0.109935	0.006395542
3	rs6794277	0.176895	0.229181	0.006402247
12	rs3847888	0.0949821	0.137215	0.006405601
2	rs7592357	0.275986	0.224038	0.006408958
4	rs9291683	0.539427	0.476994	0.006408958
13	rs9528055	0.383513	0.324361	0.006415677
19	rs2645161	0.438849	0.378618	0.006415677
2	rs12693320	0.345878	0.289608	0.006419039
8	rs17330028	0.363799	0.306199	0.006419039
7	rs7804577	0.0734767	0.112057	0.006422402
19	rs1634467	0.252688	0.202113	0.006422402
15	rs12442622	0.411871	0.351858	0.006435875
3	rs10433582	0.0557554	0.0911104	0.006442623
18	rs13380948	0.463899	0.401874	0.006449377
3	rs1350350	0.0448029	0.0768575	0.006452757
14	rs17112978	0.277778	0.224625	0.006452757
2	rs2374341	0.305755	0.365654	0.006459523
9	rs7859095	0.197842	0.152404	0.006466296
14	rs6572458	0.385305	0.326635	0.006466296
6	rs9388650	0.125448	0.0895293	0.006469685
1	rs11210180	0.543011	0.480389	0.006486657
1	rs2590681	0.170251	0.128065	0.006486657
8	rs17437164	0.516187	0.454577	0.006486657
19	rs7408169	0.365591	0.307311	0.006486657
12	rs2582332	0.345878	0.407218	0.006490057
17	rs4578727	0.471326	0.409462	0.006490057
2	rs6741692	0.26259	0.320491	0.006496863
5	rs17574527	0.250903	0.200922	0.006496863
16	rs16941866	0.198925	0.153767	0.006496863
3	rs17029872	0.0557554	0.0911414	0.006503675
9	rs2381933	0.422662	0.484998	0.006507084
16	rs16943239	0.213262	0.16644	0.006507084
7	rs1357655	0.297491	0.356437	0.006510495
1	rs6603923	0.188849	0.14493	0.006517322
7	rs17132833	0.19964	0.154292	0.006517322
2	rs17269487	0.46223	0.400749	0.006520739
5	rs1553543	0.184588	0.140886	0.006520739
3	rs3936575	0.204301	0.258174	0.006524157
11	rs4753025	0.376344	0.438141	0.006527577
18	rs4891960	0.0860215	0.126362	0.006544705
6	rs926557	0.374552	0.316247	0.006548136
9	rs9298749	0.444444	0.384117	0.006548136
13	rs9603597	0.18638	0.238938	0.006551569
5	rs13153675	0.34296	0.286567	0.00655844
4	rs6835095	0.440647	0.379134	0.006561878
4	rs3756022	0.295699	0.24199	0.006561878
11	rs226163	0.5	0.43816	0.006561878
5	rs711413	0.204301	0.258092	0.006565318
3	rs2671751	0.159498	0.210051	0.00656876
2	rs4662794	0.0609319	0.0969336	0.006572204
16	rs2550692	0.292115	0.351107	0.00657565
17	rs2952991	0.348921	0.291411	0.00657565

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs7738055	0.439068	0.500511	0.006579098
11	rs7118913	0.505376	0.44348	0.006582547
5	rs1946187	0.324373	0.384537	0.006589452
6	rs9402055	0.125448	0.0895472	0.006589452
4	rs12108497	0.221223	0.277002	0.006592907
5	rs4443377	0.139785	0.187543	0.006592907
10	rs725328	0.182796	0.138766	0.006599822
8	rs10087333	0.315412	0.375213	0.006606745
7	rs1385706	0.0913978	0.132368	0.006610209
1	rs1694419	0.284946	0.343835	0.006613675
7	rs10899741	0.388889	0.450426	0.006624085
2	rs6751349	0.104317	0.148312	0.006641471
8	rs11780783	0.40681	0.468495	0.006644954
12	rs1400060	0.317204	0.262432	0.006644954
3	rs253878	0.0412186	0.0726714	0.006648438
17	rs16959857	0.236559	0.188139	0.006648438
11	rs549683	0.132616	0.179618	0.006651925
14	rs6572457	0.385305	0.326805	0.006655413
3	rs3821548	0.388889	0.330662	0.006658904
6	rs4142502	0.351254	0.411384	0.006658904
10	rs17335189	0.109319	0.0759537	0.006658904
1	rs1748035	0.369176	0.311649	0.006662396
5	rs17732475	0.397482	0.458958	0.006669386
2	rs7577431	0.0935252	0.136147	0.006672884
14	rs4902778	0.505376	0.444482	0.006672884
3	rs4855383	0.362007	0.422737	0.006676383
1	rs10911598	0.0845324	0.124872	0.006683388
1	rs214321	0.440647	0.379939	0.006690401
8	rs1439150	0.12724	0.0912496	0.006700933
10	rs2058312	0.333333	0.278043	0.006700933
1	rs7527364	0.263441	0.320954	0.006704448
1	rs2185384	0.198925	0.154344	0.006715003
5	rs12187913	0.344086	0.287858	0.006715003
20	rs4814230	0.34767	0.291213	0.00672205
1	rs4926831	0.365108	0.42621	0.006729104
7	rs6461547	0.224014	0.279236	0.006729104
16	rs9934375	0.105072	0.0724514	0.006729104
3	rs844540	0.383094	0.32368	0.006736165
13	rs9526149	0.270609	0.328557	0.006750311
1	rs4609415	0.448029	0.387504	0.006753852
7	rs2711093	0.33871	0.28272	0.006757395
1	rs11247613	0.431408	0.37193	0.00676094
14	rs12432214	0.148746	0.110184	0.006764487
18	rs9807727	0.227599	0.283816	0.006768035
4	rs17304841	0.259857	0.316973	0.006782249
3	rs2374752	0.311828	0.371594	0.006785807
4	rs9996171	0.410072	0.351379	0.00680006
22	rs6006905	0.127698	0.091715	0.00680006
1	rs7544674	0.184588	0.140545	0.006810769
4	rs1435499	0.433692	0.494376	0.006810769
19	rs733101	0.112903	0.0794408	0.006810769
5	rs12716476	0.275986	0.333901	0.006814342

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs11784580	0.27518	0.333901	0.006817918
12	rs2417862	0.322581	0.267553	0.006817918
12	rs1587740	0.458781	0.39782	0.006821495
18	rs12458632	0.0917266	0.0613288	0.006821495
5	rs12654624	0.411552	0.35194	0.006828655
13	rs9513831	0.351254	0.294308	0.006828655
2	rs11693975	0.0899281	0.131086	0.006832239
2	rs2141309	0.136201	0.184202	0.006832239
7	rs11976158	0.448029	0.388283	0.006832239
1	rs1185222	0.263441	0.320832	0.006835824
4	rs4571397	0.444245	0.383527	0.006839411
4	rs3955261	0.256272	0.205662	0.006839411
7	rs1859226	0.34767	0.406953	0.006839411
18	rs12185318	0.43705	0.377982	0.00684659
11	rs10769315	0.156475	0.205622	0.006860973
19	rs2867574	0.436823	0.37713	0.006860973
4	rs1554472	0.526882	0.465406	0.006875386
4	rs7678177	0.244604	0.194823	0.006878994
6	rs4469340	0.150538	0.199183	0.006878994
19	rs10409299	0.143885	0.192714	0.006882604
9	rs16914332	0.122302	0.0866008	0.006886216
6	rs11752805	0.426523	0.488764	0.00688983
5	rs1446038	0.422939	0.36376	0.006897064
1	rs7553758	0.460573	0.400749	0.006900684
3	rs4685052	0.37276	0.315288	0.006900684
11	rs7927911	0.269784	0.218473	0.006900684
2	rs10202023	0.0896057	0.130286	0.006907929
7	rs12703395	0.15704	0.206103	0.006907929
8	rs7846610	0.348921	0.292704	0.006907929
5	rs151873	0.0770609	0.0498808	0.006911555
2	rs4853247	0.236559	0.187947	0.006915182
6	SNP_A-1988283	0.272401	0.220423	0.006915182
15	rs10851710	0.234767	0.291042	0.006915182
5	rs6885850	0.0595668	0.0948569	0.006918812
5	rs1211159	0.150538	0.199251	0.006918812
14	rs2285883	0.156475	0.206403	0.006918812
1	rs10798912	0.245487	0.195526	0.006926077
4	rs7679575	0.311828	0.257586	0.006926077
8	rs2062947	0.143369	0.191508	0.006926077
15	rs1561807	0.0917266	0.0617116	0.006926077
6	rs2506754	0.0985663	0.0672684	0.006929712
6	rs2070699	0.52518	0.463215	0.006936988
5	SNP_A-1983873	0.343525	0.287394	0.006944273
12	rs11173462	0.213262	0.16678	0.006944273
2	rs4668002	0.307554	0.25332	0.006947918
20	rs11086404	0.150538	0.111755	0.006955214
2	rs6742888	0.249104	0.305215	0.006966173
2	rs13035911	0.105735	0.0732788	0.006966173
1	rs6426314	0.0734767	0.111357	0.006969829
8	rs4486185	0.508961	0.447037	0.006969829
5	rs1350900	0.143885	0.10477	0.006973488
18	rs1105290	0.146953	0.108251	0.006973488

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs9850123	0.182796	0.139297	0.006984476
5	rs17072571	0.324373	0.384078	0.006984476
6	rs3008801	0.473118	0.412015	0.006984476
1	rs11206633	0.428315	0.489615	0.006988143
2	rs6543289	0.240143	0.296561	0.006988143
3	rs187585	0.0412186	0.0722563	0.006995482
8	rs919037	0.516129	0.4547	0.006995482
13	rs9524627	0.431408	0.372319	0.006999155
1	rs17647548	0.0555556	0.0903204	0.007006506
10	rs2245896	0.259857	0.316695	0.007017547
13	rs9553120	0.191756	0.14765	0.007024918
15	rs3784377	0.336331	0.280143	0.007035989
5	rs27000	0.307554	0.253922	0.007047078
5	rs12188475	0.396057	0.338446	0.007047078
10	rs12764630	0.028777	0.0561989	0.007047078
10	rs7907925	0.111511	0.156154	0.007050778
3	rs4677791	0.523297	0.461473	0.00705448
2	rs10200606	0.0394265	0.0705019	0.007058184
3	rs4419372	0.172662	0.223944	0.007065599
11	rs621698	0.268817	0.326576	0.007065599
13	rs1986272	0.268817	0.325613	0.007073021
21	rs2212828	0.327338	0.386921	0.007073021
6	rs3117242	0.215054	0.269611	0.007076735
18	rs1562995	0.284173	0.342643	0.007080451
11	rs9919625	0.120072	0.164169	0.007084169
21	rs2834732	0.422939	0.363327	0.007084169
6	rs3128923	0.215054	0.269584	0.007087889
8	rs3808539	0.526882	0.465576	0.007087889
3	rs7432306	0.301075	0.359434	0.007091612
5	rs892004	0.307554	0.36644	0.007095336
9	rs10119177	0.263441	0.212679	0.007095336
1	rs12069039	0.543165	0.481045	0.00710652
1	rs1063412	0.399642	0.459611	0.007110252
1	rs7514832	0.543011	0.48109	0.007117722
11	rs11039627	0.383513	0.443952	0.007125201
20	rs6037033	0.304659	0.250937	0.007132687
12	rs11173607	0.456679	0.39567	0.007147684
16	rs4781980	0.341155	0.285714	0.007147684
6	rs1033572	0.404332	0.34542	0.007151438
16	rs11077316	0.449821	0.390726	0.007155194
5	rs758038	0.456989	0.397274	0.007162713
11	rs1032779	0.207885	0.262172	0.007162713
5	rs2401809	0.309353	0.369113	0.007174005
10	rs2297330	0.157706	0.207014	0.007174005
2	rs2679895	0.170251	0.220538	0.007185316
4	rs13104825	0.40681	0.347885	0.007189091
11	rs746718	0.367384	0.428401	0.007189091
2	rs768742	0.247312	0.19731	0.007207993
11	rs658544	0.268817	0.326465	0.007215568
11	rs623823	0.268817	0.326465	0.007215568
7	rs17150823	0.116487	0.0817439	0.007219359
5	rs315808	0.216606	0.168995	0.007223152

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
16	rs12708620	0.229391	0.284424	0.007234542
3	rs4683989	0.348921	0.409741	0.007242146
2	rs4625907	0.131295	0.177793	0.007245951
1	rs17587185	0.0555556	0.09015	0.007249758
1	rs11161510	0.25448	0.310967	0.007257378
3	rs162410	0.137681	0.185009	0.007265006
6	rs1555247	0.217626	0.171268	0.007265006
7	rs1637311	0.161871	0.210858	0.007268823
15	rs17586255	0.182796	0.234322	0.007284112
6	rs9402716	0.390681	0.332652	0.00728794
9	rs1628249	0.46595	0.406399	0.00728794
12	rs12821335	0.496403	0.435814	0.00728794
5	rs2036853	0.157706	0.117547	0.007291769
19	rs6510205	0.44086	0.381691	0.007291769
2	rs13033133	0.102151	0.0701157	0.007295601
21	rs9980326	0.164875	0.214602	0.007299434
2	rs12999876	0.0953237	0.0645216	0.007307108
8	rs1721062	0.401079	0.342302	0.007307108
10	rs988459	0.100358	0.142638	0.007307108
12	rs7300868	0.449821	0.388699	0.007307108
5	rs4866836	0.315884	0.261077	0.007310948
5	rs1592758	0.323741	0.383384	0.007310948
11	rs11032613	0.151079	0.111584	0.007310948
8	rs10090689	0.132616	0.095498	0.007314789
5	rs153577	0.149281	0.110126	0.007326327
5	rs11747146	0.140288	0.102016	0.007326327
12	rs905559	0.46595	0.405346	0.007326327
14	rs7145688	0.194245	0.245913	0.007326327
2	rs2714284	0.505376	0.44543	0.007330177
6	rs4401694	0.179211	0.137138	0.007330177
7	rs7777321	0.310036	0.368313	0.007330177
7	rs2471291	0.0985663	0.0670648	0.007330177
1	rs12735229	0.366906	0.427353	0.00733403
7	rs2471292	0.0985663	0.0670752	0.007337884
2	rs1025445	0.426523	0.488753	0.007345599
2	rs1346776	0.24552	0.196453	0.007349459
10	rs7919961	0.0286738	0.055726	0.007349459
10	rs11244491	0.0842294	0.0559536	0.007357186
6	rs7763627	0.134409	0.0972411	0.007364922
7	rs2012593	0.376344	0.319454	0.007364922
10	rs9658786	0.115108	0.159176	0.007364922
3	rs41182	0.0412186	0.0721105	0.007368792
6	rs9379118	0.312274	0.258427	0.007380418
8	rs12544168	0.129032	0.0932175	0.007388178
7	rs6966318	0.275986	0.224514	0.007392061
9	rs260214	0.350719	0.294789	0.007392061
9	rs10818930	0.218638	0.171886	0.007392061
2	rs12712704	0.0448029	0.077251	0.007403724
4	rs2282764	0.166667	0.125979	0.007403724
14	rs1483991	0.112727	0.157294	0.007407615
2	rs1351924	0.123656	0.0889571	0.007411509
4	rs10518414	0.494624	0.43322	0.007423203

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs1582114	0.392086	0.333617	0.00743101
5	rs872622	0.521505	0.460818	0.007434916
6	rs330867	0.318345	0.377558	0.007434916
8	rs13254505	0.358423	0.30225	0.007434916
1	rs3014715	0.157706	0.206203	0.007442735
7	rs1860577	0.227599	0.180688	0.007442735
4	rs687188	0.184588	0.141908	0.007446648
5	rs10940135	0.112903	0.156676	0.007450562
3	rs1875688	0.0555556	0.0900102	0.007458398
9	rs10511779	0.172101	0.129775	0.007458398
2	rs1921270	0.408602	0.470017	0.007462319
1	rs1173658	0.37276	0.315718	0.007466242
6	rs3823240	0.224014	0.177172	0.007466242
6	rs11751354	0.267148	0.325307	0.007478024
8	rs7839135	0.357914	0.301771	0.00748589
6	rs9294720	0.381295	0.322586	0.007489826
6	rs9376318	0.193548	0.149114	0.007489826
13	rs9515279	0.508993	0.448569	0.007493764
20	rs6079764	0.123656	0.169391	0.007497704
15	rs7168115	0.196043	0.151892	0.00750559
10	rs7908131	0.320789	0.380246	0.007517436
14	rs6574054	0.336331	0.395876	0.007521389
18	rs11152206	0.408273	0.469475	0.007521389
7	rs3801899	0.357914	0.418058	0.0075293
18	rs2155773	0.34767	0.292575	0.0075293
6	rs9478583	0.277778	0.335152	0.00753326
8	rs2101487	0.21223	0.166723	0.007541184
10	rs12358487	0.512545	0.452129	0.007541184
11	rs1784992	0.315412	0.374617	0.007541184
13	rs10492555	0.194245	0.150034	0.007541184
4	rs12498487	0.483871	0.423654	0.00754515
6	rs17060441	0.102151	0.144513	0.007549118
7	rs6463813	0.489247	0.429765	0.007549118
18	rs1944360	0.285971	0.234242	0.007549118
8	rs9325744	0.166667	0.125341	0.007553087
13	rs3842843	0.294224	0.242331	0.007557059
5	rs3822365	0.272401	0.221065	0.007561033
1	rs1340429	0.455197	0.395777	0.00756501
8	rs16897550	0.374552	0.318089	0.007568988
13	rs1340900	0.47482	0.414792	0.007568988
1	rs7529081	0.0806452	0.120266	0.007572969
10	rs211412	0.0752688	0.113349	0.007576951
10	rs11199432	0.048913	0.0818803	0.007576951
1	rs1173657	0.37276	0.315843	0.007580936
2	rs6548026	0.329749	0.274991	0.007588912
7	rs4431484	0.202509	0.157527	0.007588912
13	rs2018273	0.165468	0.12483	0.007592903
10	rs1888690	0.181004	0.138019	0.007596897
13	rs17752375	0.141577	0.10406	0.007596897
11	rs10891655	0.53405	0.472724	0.007600892
14	rs1189047	0.464029	0.40382	0.007600892
16	rs2267772	0.284946	0.343207	0.007600892

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs7071503	0.0286738	0.055688	0.00760489
14	SNP_A-1883094	0.453405	0.394316	0.00760489
21	rs1734503	0.397849	0.339523	0.00760489
5	rs10075728	0.453237	0.393222	0.00760889
4	rs4865181	0.116487	0.160654	0.007612891
5	rs1981826	0.302867	0.249659	0.007612891
2	rs4848905	0.102151	0.144634	0.007616896
6	rs6924834	0.0358423	0.0657805	0.007632934
11	rs7126338	0.340502	0.400715	0.007632934
3	rs7644602	0.391697	0.452795	0.007636948
12	rs11052223	0.399642	0.459768	0.007636948
4	SNP_A-2083348	0.438849	0.498978	0.007644985
1	rs11119591	0.197842	0.153833	0.007649006
2	rs12617593	0.0985663	0.0675307	0.007649006
16	rs1424000	0.168459	0.218495	0.00765303
4	rs755535	0.323741	0.383475	0.007657055
5	rs17492893	0.34296	0.287491	0.007657055
5	rs10477374	0.302867	0.249744	0.007665113
6	rs2021033	0.433453	0.494361	0.007665113
8	rs1030420	0.218638	0.171944	0.007665113
12	rs11174250	0.11828	0.084015	0.007665113
19	rs8102702	0.112903	0.079809	0.007665113
19	rs4513216	0.238351	0.293115	0.00767318
4	rs17278241	0.483871	0.423758	0.007685296
1	rs10495224	0.243728	0.195126	0.007689339
12	rs2109417	0.464029	0.403518	0.007693384
22	rs558900	0.154122	0.202146	0.007693384
3	rs2090587	0.132616	0.179094	0.007697431
14	rs10483706	0.195341	0.150988	0.007697431
18	rs11082423	0.430108	0.490971	0.007713643
18	rs12953710	0.137993	0.184712	0.007713643
19	rs2865276	0.244604	0.299864	0.007713643
8	rs2945770	0.172043	0.130753	0.007717701
2	rs7607695	0.151625	0.11259	0.007725824
3	rs2090951	0.0863309	0.0574693	0.007725824
6	rs9294101	0.132616	0.0961801	0.007729889
17	rs12602586	0.426523	0.486551	0.007733956
2	rs4667358	0.473118	0.412636	0.007742097
3	rs1077524	0.403226	0.344963	0.007742097
5	rs9327455	0.227599	0.180347	0.00774617
6	rs3128963	0.251799	0.307535	0.00774617
17	rs1801052	0.347122	0.290801	0.00774617
5	rs17427286	0.342294	0.287053	0.007750246
8	rs12541423	0.129032	0.093356	0.007754324
1	rs12240145	0.078853	0.0513955	0.007762487
1	rs3935320	0.078853	0.0513955	0.007762487
3	rs9819327	0.178058	0.228961	0.007762487
2	rs1921152	0.247312	0.197885	0.007766571
7	rs6965237	0.406475	0.467439	0.007766571
16	rs2346254	0.331541	0.276432	0.007770658
12	rs12579771	0.25448	0.204801	0.007774747
1	rs9943259	0.256272	0.205963	0.007778838

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs2618476	0.305755	0.253065	0.007791125
4	rs1405670	0.270609	0.32805	0.007795225
1	rs11264045	0.172043	0.221825	0.007819871
4	rs17585837	0.22482	0.279482	0.007819871
4	rs673085	0.116906	0.0829642	0.007823986
11	rs470713	0.268817	0.325835	0.007823986
1	rs4658318	0.405018	0.347165	0.007828104
13	rs4646221	0.446237	0.386899	0.007832224
4	rs6857578	0.327957	0.273331	0.007836346
5	rs11749295	0.141577	0.10369	0.007836346
9	rs6559938	0.0809353	0.120402	0.007836346
5	rs899162	0.132616	0.0963568	0.00784047
13	rs1642687	0.437276	0.378236	0.00784047
4	rs6824779	0.177419	0.227783	0.007848726
4	rs1396282	0.195341	0.247954	0.007848726
12	rs11173071	0.112903	0.156378	0.007848726
7	rs10954012	0.227599	0.180905	0.00785699
7	rs1404938	0.442446	0.503238	0.007861125
16	rs1012650	0.480287	0.420129	0.007861125
8	rs10104893	0.0806452	0.11921	0.007865263
15	rs7181263	0.0645161	0.100204	0.007877689
5	rs6896154	0.301075	0.358822	0.007885985
1	rs1538018	0.202509	0.254344	0.007890136
4	rs300917	0.419065	0.360014	0.007902602
10	rs4933414	0.116487	0.0825672	0.007902602
11	rs10790005	0.53405	0.473083	0.007906762
19	rs435991	0.444245	0.385442	0.007906762
4	rs2305339	0.195341	0.246596	0.007915089
19	rs2360750	0.37276	0.315969	0.007919255
6	rs13220654	0.0842294	0.123213	0.007923424
11	rs10502247	0.231183	0.285933	0.007923424
17	rs2905880	0.34767	0.29161	0.007923424
19	rs12609543	0.24552	0.300511	0.007927596
18	rs2733128	0.402527	0.345145	0.007935945
1	rs10915955	0.141577	0.188438	0.007944303
3	rs17480477	0.124101	0.169108	0.00795267
7	rs7780186	0.374552	0.317439	0.00795267
17	rs1966778	0.0412186	0.0714042	0.00795267
1	rs835342	0.411871	0.473056	0.007956857
7	rs10265438	0.464158	0.405258	0.007956857
7	rs11772761	0.390288	0.333504	0.007956857
4	rs4689837	0.0304659	0.0585724	0.007965237
6	rs2472764	0.269784	0.218761	0.007969431
8	rs7842425	0.34767	0.292504	0.007969431
13	rs9315248	0.383094	0.325324	0.007969431
15	rs11634464	0.176895	0.134346	0.007969431
17	rs11079246	0.360215	0.419789	0.007973627
3	rs13088513	0.516129	0.455722	0.007977825
1	rs10492997	0.428315	0.369765	0.007986229
2	rs309307	0.44086	0.501022	0.007994641
6	rs9385056	0.0842294	0.123551	0.007994641
2	rs7578029	0.0878136	0.127394	0.00799885

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs2679144	0.206835	0.259973	0.00799885
7	rs17167945	0.196043	0.152574	0.008003062
5	rs11952611	0.272401	0.221711	0.008007276
8	rs12550037	0.129496	0.0937287	0.008007276
1	rs12047364	0.510791	0.45029	0.008015711
2	rs17275036	0.0609319	0.0957084	0.008019932
2	rs12464261	0.412186	0.472421	0.008024155
16	rs2055846	0.216606	0.270598	0.008024155
4	rs1510663	0.456989	0.39734	0.008028381
10	rs2150556	0.501799	0.441287	0.008032608
16	rs12599531	0.410394	0.352761	0.008049542
11	rs646240	0.133574	0.179775	0.008058022
17	rs7210608	0.471326	0.411043	0.008058022
17	rs4968811	0.428315	0.488764	0.008062266
16	rs9929593	0.297491	0.245312	0.008066512
4	rs11940700	0.408602	0.351278	0.008079264
9	rs10119616	0.183453	0.141056	0.008100562
12	rs17353923	0.267025	0.216814	0.008100562
11	rs1872167	0.0989209	0.139857	0.008104829
3	rs1375835	0.27518	0.224208	0.008126196
11	rs4310622	0.0878136	0.127855	0.008126196
10	rs10047356	0.0286738	0.055404	0.008134759
18	rs9304530	0.34767	0.293086	0.008139044
3	rs12715572	0.188172	0.240381	0.008156207
7	rs6945018	0.501792	0.44274	0.008156207
12	rs17042409	0.216846	0.171097	0.008156207
16	rs12933593	0.303249	0.361887	0.008156207
11	rs10837607	0.112903	0.156261	0.008160504
8	rs12542467	0.40681	0.466769	0.008164803
4	rs7674419	0.267025	0.323369	0.008169104
12	rs1480050	0.160072	0.209342	0.008169104
2	rs10181222	0.247312	0.198023	0.008173407
11	rs7936722	0.147482	0.195126	0.008177713
8	rs1552549	0.370968	0.315043	0.008182021
1	rs523504	0.157706	0.117717	0.008186332
3	rs9310257	0.46223	0.402768	0.008190645
5	rs4509055	0.419355	0.361206	0.008190645
11	rs3866520	0.371841	0.432276	0.008199277
1	rs17105629	0.0537634	0.0871419	0.008207919
1	rs12408537	0.078853	0.0515534	0.008207919
6	rs7760341	0.480144	0.420846	0.008207919
7	rs17686617	0.374552	0.317563	0.008207919
12	rs11063543	0.114695	0.159006	0.008207919
16	rs6540026	0.0967742	0.0662466	0.008207919
5	rs9327083	0.227599	0.281335	0.008212244
14	rs407197	0.363309	0.422946	0.008212244
1	rs4244636	0.311828	0.369847	0.00821657
19	rs8103449	0.444245	0.385587	0.00821657
5	rs13153577	0.323741	0.269874	0.008220899
11	rs621953	0.268817	0.325375	0.008225231
4	rs17029545	0.267148	0.324181	0.008229565
18	rs11876072	0.137993	0.184219	0.008229565

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
15	rs7179259	0.448029	0.389154	0.008233901
19	rs12610743	0.217626	0.270805	0.008238239
19	rs10425451	0.255396	0.311797	0.008238239
4	rs1997255	0.0917266	0.0620102	0.008255616
8	rs7815606	0.142086	0.104877	0.008255616
12	rs1580855	0.134409	0.0980592	0.008259966
5	rs17098760	0.0752688	0.112474	0.008264319
21	rs1735934	0.422662	0.364132	0.008268674
3	rs3821747	0.209677	0.262432	0.00827739
7	rs17149337	0.446237	0.387922	0.00827739
7	rs12701518	0.209677	0.262172	0.00827739
9	rs7858552	0.378136	0.321551	0.00827739
8	rs4581087	0.0573477	0.0909556	0.008286117
6	SNP_A-1988237	0.177419	0.135729	0.008290483
13	rs9594724	0.277778	0.227071	0.008294852
2	rs1921151	0.247312	0.198158	0.008299223
12	rs11113475	0.324373	0.270947	0.008299223
3	rs800621	0.344086	0.403336	0.008303597
5	rs4704680	0.0791367	0.0517888	0.008303597
10	rs7082842	0.0791367	0.0517888	0.008303597
14	rs4587859	0.345878	0.29046	0.008303597
14	rs12433138	0.244604	0.196483	0.008303597
3	rs2103355	0.182796	0.140742	0.008307973
19	SNP_A-1947629	0.0824373	0.121166	0.008307973
4	rs7675188	0.112903	0.0798706	0.008316732
1	rs6541395	0.078853	0.0516008	0.008329889
9	rs9919037	0.191756	0.148224	0.008329889
8	rs11984659	0.337545	0.28249	0.008343066
4	rs993172	0.381295	0.440505	0.008347464
7	rs17404198	0.446043	0.387679	0.008347464
5	rs4357059	0.458781	0.399148	0.008369486
6	rs7762993	0.250896	0.202349	0.008373897
6	rs17344487	0.222222	0.17592	0.008373897
12	rs2120528	0.125448	0.170923	0.008378311
12	rs11058480	0.234767	0.18701	0.008378311
1	rs10923207	0.28777	0.344293	0.008387146
2	rs10187657	0.532374	0.471579	0.008387146
19	rs1634464	0.251799	0.202657	0.008387146
12	rs10842241	0.53405	0.47337	0.008391567
14	rs17833422	0.222222	0.17616	0.008395991
10	rs10829383	0.303957	0.251108	0.008400416
15	rs989546	0.544803	0.484322	0.008400416
1	rs2807357	0.408602	0.351789	0.008404845
1	rs10918523	0.476703	0.416213	0.008409275
14	rs6572456	0.383094	0.326169	0.008409275
1	rs2501332	0.367384	0.310691	0.008418144
5	rs4865525	0.145161	0.191914	0.008418144
17	rs2344310	0.331541	0.276926	0.008418144
18	rs470753	0.182796	0.232788	0.008418144
2	rs2742345	0.0304659	0.0579216	0.008422581
9	rs4742194	0.283154	0.232471	0.008427022
10	rs12768356	0.0286738	0.0552524	0.008431464

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
15	rs7177395	0.188172	0.145634	0.008440356
21	rs1734505	0.397482	0.339857	0.008440356
2	rs13389345	0.353047	0.298772	0.008444806
7	rs3793295	0.374101	0.317314	0.008449258
9	rs1333903	0.489247	0.430007	0.008449258
2	rs17838583	0.0863309	0.0577513	0.008453713
19	rs12610768	0.24552	0.300068	0.008453713
8	rs11785843	0.295699	0.35235	0.00845817
7	rs11769064	0.0770609	0.11469	0.008462629
4	rs230504	0.402527	0.345774	0.008480491
1	rs7516730	0.451613	0.393149	0.008484962
8	rs17276203	0.149281	0.196075	0.008484962
14	rs17128291	0.125448	0.169843	0.008489436
16	rs2656647	0.150538	0.11147	0.008498391
18	rs176148	0.408602	0.469315	0.008498391
7	rs4244215	0.24552	0.299217	0.008502872
8	rs6470173	0.0776173	0.115752	0.008511842
16	rs1874014	0.458781	0.400136	0.008511842
1	rs604735	0.505376	0.445826	0.00851633
2	rs1006752	0.177419	0.135821	0.008534307
21	rs551680	0.31362	0.260395	0.008543311
2	rs3755342	0.129032	0.0938671	0.008547816
5	rs1505007	0.182796	0.140838	0.008552324
2	rs10196661	0.285971	0.235104	0.008556834
8	rs2719219	0.106115	0.0737398	0.008556834
1	rs10495223	0.243728	0.195778	0.008561347
4	rs6838337	0.408273	0.351227	0.008561347
20	rs11699943	0.314748	0.261247	0.008561347
8	rs16937223	0.0573477	0.0909401	0.008565862
11	rs10768807	0.4319	0.491658	0.008565862
5	rs469843	0.342294	0.288101	0.008570379
1	rs11589239	0.507168	0.447001	0.008579422
16	rs3935873	0.408273	0.468292	0.008583946
11	rs688086	0.141577	0.104429	0.008588474
11	rs11237796	0.244604	0.196526	0.008593003
1	rs10779349	0.491039	0.43171	0.008597535
12	rs1988548	0.261649	0.212555	0.008597535
8	rs4427198	0.503584	0.443914	0.008606607
8	rs6985261	0.553763	0.493861	0.008615688
1	rs11210774	0.372302	0.431981	0.008620233
1	rs2501330	0.367384	0.310903	0.00862478
2	rs7573844	0.510791	0.451772	0.008629329
9	rs17536837	0.0591398	0.0938671	0.008629329
12	rs4765413	0.218638	0.271487	0.008629329
2	rs10210129	0.258065	0.208859	0.008633881
3	rs9857344	0.548387	0.48842	0.008633881
5	rs12152969	0.383513	0.327363	0.008633881
16	rs4356466	0.282374	0.338957	0.008642992
17	rs8080254	0.216846	0.270358	0.008642992
2	rs10189164	0.275986	0.225494	0.008647551
13	rs1410157	0.0467626	0.0783112	0.008652112
1	rs10736388	0.261649	0.316865	0.008656676

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs2971628	0.179211	0.22938	0.008656676
3	rs151282	0.137993	0.184112	0.008656676
4	rs17473283	0.412186	0.355147	0.008665812
7	rs7779958	0.374552	0.318012	0.008665812
4	rs1159057	0.338129	0.396969	0.008670383
14	rs2383418	0.345878	0.290702	0.008674957
9	rs4742042	0.184116	0.141906	0.008688694
3	rs9819062	0.0519713	0.0851499	0.008697864
3	rs2630445	0.0716846	0.108104	0.008697864
11	rs471435	0.152878	0.200306	0.008707044
13	rs9545344	0.221223	0.175325	0.008707044
16	rs2880916	0.243728	0.196015	0.008707044
6	rs4870308	0.553763	0.493867	0.008711638
12	rs1436120	0.147482	0.194378	0.008716234
9	rs7026798	0.38172	0.439673	0.008720832
2	SNP_A-4237400	0.0485612	0.0808874	0.008734643
6	rs969760	0.12724	0.171039	0.008734643
2	rs13426349	0.0842294	0.123425	0.008748477
5	rs10036163	0.143369	0.105631	0.008748477
6	rs1478572	0.292115	0.239864	0.008762332
16	rs1630373	0.397849	0.456544	0.008762332
20	rs4812637	0.0377698	0.0667348	0.008762332
5	rs16892251	0.166667	0.126319	0.008766956
8	rs2355641	0.197842	0.249574	0.008766956
2	rs7591137	0.397482	0.340368	0.008780842
3	rs9835843	0.177419	0.136116	0.008780842
20	rs6135332	0.232975	0.18552	0.008780842
16	rs4438316	0.0286738	0.0555935	0.008785475
8	rs1351874	0.318345	0.264986	0.008790111
1	rs12754943	0.437276	0.37824	0.00879475
3	rs2322809	0.548387	0.488594	0.00879475
11	rs183442	0.498208	0.438608	0.00879475
21	rs9305602	0.154122	0.114991	0.00879475
4	rs10520478	0.198925	0.15509	0.008804034
1	rs7546453	0.428315	0.371034	0.008808681
3	rs9845458	0.15233	0.113629	0.008808681
13	rs7995031	0.190647	0.147429	0.008808681
1	rs233051	0.345324	0.291284	0.008813329
1	rs12136518	0.0896057	0.0602861	0.00882729
1	rs10924579	0.207581	0.163203	0.008831949
5	rs17062865	0.152878	0.199898	0.008831949
10	rs16917298	0.073741	0.110143	0.008831949
17	rs9908162	0.297834	0.355241	0.008831949
1	rs6662890	0.136201	0.1	0.00883661
3	rs4502533	0.314079	0.261189	0.008841274
6	rs3087697	0.384892	0.44382	0.008841274
8	rs7834259	0.28777	0.236367	0.008850609
3	rs1105033	0.213262	0.265588	0.00885528
7	rs6959031	0.40681	0.465576	0.00885528
8	rs7830377	0.252688	0.204259	0.00886463
14	rs17096112	0.281362	0.231018	0.00886463
5	rs6872330	0.32554	0.384379	0.00887399

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs2987595	0.290323	0.346167	0.00887399
8	rs3735942	0.284946	0.341505	0.008878674
4	rs2866218	0.277778	0.33322	0.00888336
9	rs12380879	0.447842	0.388927	0.00888336
6	rs9456352	0.241935	0.194037	0.008888049
6	rs10484323	0.103943	0.0729665	0.008897435
2	rs7419467	0.100358	0.0697714	0.008902131
4	rs922029	0.391697	0.335609	0.008902131
19	rs4804750	0.385305	0.3297	0.008902131
3	rs1105032	0.213262	0.265518	0.008906831
5	rs2909825	0.363309	0.422499	0.008906831
8	SNP_A-1994073	0.315412	0.2627	0.008906831
15	rs4887125	0.12724	0.171604	0.008911532
8	rs7009604	0.210432	0.165985	0.008916236
12	rs17204888	0.12724	0.0923339	0.008916236
3	rs16847692	0.277978	0.226853	0.008920943
9	rs586348	0.546595	0.486537	0.008920943
3	rs1511594	0.0448029	0.0761092	0.008925652
6	rs753626	0.361511	0.306209	0.008930364
11	rs567708	0.141577	0.1046	0.008930364
11	rs2276360	0.177419	0.22735	0.008930364
12	rs17440956	0.195341	0.151536	0.008930364
14	rs11622475	0.246403	0.299761	0.008930364
11	rs4752917	0.38172	0.440293	0.008944515
8	rs10102438	0.16129	0.209666	0.008949237
5	rs11748341	0.140288	0.186945	0.008953961
1	rs1857570	0.405018	0.464042	0.008958688
11	rs1878533	0.370968	0.42969	0.008958688
13	rs687456	0.229391	0.282794	0.008963418
20	rs1287051	0.349462	0.294619	0.008963418
4	rs642783	0.184116	0.142224	0.00896815
4	rs10015996	0.112903	0.0801566	0.00896815
8	rs16884109	0.129032	0.0938887	0.008972885
10	rs7910238	0.234767	0.288999	0.008977622
13	rs9508066	0.365591	0.309605	0.008982362
15	rs293360	0.431408	0.491135	0.00899185
10	rs10776583	0.397482	0.456433	0.008996597
16	rs7204797	0.410394	0.470048	0.009001348
3	rs3115268	0.433692	0.37632	0.0090061
5	rs2112959	0.0985663	0.139721	0.0090061
1	rs12025606	0.494604	0.43439	0.009010856
2	rs976384	0.487455	0.42823	0.009010856
16	rs11642249	0.353047	0.412406	0.009029903
11	rs10892674	0.222222	0.275451	0.009034671
11	rs7479361	0.254513	0.309264	0.009039441
3	rs6445707	0.18638	0.143441	0.009044215
5	rs13162946	0.324373	0.382193	0.009044215
18	rs8093609	0.15146	0.199147	0.009044215
21	rs11088596	0.224014	0.277267	0.009044215
10	rs7084314	0.0286738	0.0547408	0.009048991
3	rs16828	0.388889	0.448105	0.009053769
6	rs302604	0.31362	0.370106	0.009053769

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs248725	0.339928	0.398568	0.00905855
18	rs1581426	0.320144	0.267839	0.00905855
3	rs6788339	0.471326	0.412807	0.009063334
5	rs3849683	0.107527	0.149642	0.009063334
5	rs11242181	0.278777	0.336066	0.009063334
13	rs10454657	0.473118	0.414568	0.009063334
4	rs2706095	0.408602	0.35206	0.00906812
15	rs11247210	0.442652	0.501023	0.009072909
1	rs267665	0.240143	0.192609	0.0090777
3	rs2637762	0.421147	0.48075	0.0090777
3	rs2677213	0.433692	0.376364	0.0090777
22	rs9626091	0.157706	0.118991	0.009087291
2	rs1540789	0.503584	0.445297	0.009096892
18	rs2051293	0.383513	0.327263	0.009096892
4	rs1602452	0.112903	0.0802112	0.009101696
5	rs10070447	0.408273	0.351006	0.009106503
6	rs2294827	0.116487	0.0830491	0.009106503
8	rs1532972	0.362007	0.420613	0.009106503
2	rs13007757	0.0734767	0.0475136	0.009111313
4	rs7687232	0.129032	0.173306	0.009111313
5	rs2956593	0.155914	0.117637	0.009116125
10	rs7090721	0.532258	0.472023	0.009116125
2	rs4663337	0.224014	0.178644	0.009125757
5	rs4836339	0.226619	0.180286	0.009125757
10	rs1917820	0.396057	0.454901	0.009130577
3	rs12637032	0.396057	0.339122	0.009140225
1	rs6673004	0.184116	0.141689	0.009145053
10	rs10857508	0.12724	0.0927818	0.009145053
4	rs2589845	0.178058	0.228016	0.009149883
3	rs614566	0.0917266	0.0623509	0.009154716
15	rs4886934	0.0794224	0.052282	0.00916439
3	rs6773503	0.47482	0.416837	0.009178921
2	rs1275929	0.498195	0.438225	0.00918377
2	rs1593699	0.102151	0.0711119	0.009193475
19	rs3813781	0.455036	0.39744	0.009193475
19	rs7258589	0.299283	0.247275	0.009203191
6	rs7766527	0.362007	0.307116	0.009208053
8	rs17467140	0.146953	0.194076	0.009208053
13	rs206334	0.241007	0.19346	0.009212917
16	rs2878404	0.370968	0.314714	0.009212917
20	rs6068341	0.149819	0.112134	0.009217784
8	rs3824150	0.284946	0.341172	0.009222654
4	rs17471740	0.318996	0.375894	0.009227527
1	rs6686369	0.136201	0.100136	0.009237279
10	rs11200108	0.0971223	0.0669734	0.009256816
16	rs11647958	0.413978	0.47337	0.009256816
17	rs7222649	0.543011	0.482594	0.009271497
11	rs7105712	0.222222	0.275315	0.009286202
14	rs17127785	0.385305	0.329642	0.009286202
17	rs9303642	0.34767	0.292675	0.009296018
5	rs12521065	0.301075	0.249319	0.009310762
18	rs448398	0.410072	0.469857	0.009315682

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs13016931	0.190217	0.241215	0.009320605
6	rs10946313	0.31362	0.371171	0.00932553
9	rs626208	0.360507	0.419905	0.00932553
11	rs10501530	0.330935	0.277248	0.00932553
13	rs17632604	0.143369	0.189544	0.00932553
19	rs1651565	0.250896	0.202555	0.00932553
5	rs6872171	0.326165	0.384458	0.009330458
16	rs1728367	0.123656	0.0894074	0.009340323
12	rs770123	0.4319	0.49028	0.009345259
3	rs1372424	0.0815217	0.120478	0.009350197
14	rs12590850	0.428315	0.37121	0.009350197
1	rs3014717	0.170251	0.21842	0.009355139
4	rs639864	0.182796	0.141445	0.009360083
2	rs10496489	0.394265	0.453508	0.00936503
3	rs9815270	0.467742	0.40971	0.009374931
4	rs2319144	0.430108	0.489605	0.009374931
4	rs230531	0.396057	0.34032	0.009379886
16	rs17220445	0.248201	0.200477	0.009379886
20	rs8115044	0.150538	0.197001	0.009379886
1	rs10888669	0.317204	0.374446	0.009384844
13	rs2765323	0.150538	0.112078	0.009384844
4	rs230532	0.396057	0.340444	0.009404701
3	rs17007652	0.256272	0.207737	0.009419622
4	rs3096491	0.158273	0.119202	0.009419622
17	rs17797070	0.236559	0.189544	0.009419622
2	rs12470817	0.292115	0.348123	0.009424601
5	rs16896079	0.112903	0.156378	0.009424601
14	rs221701	0.0791367	0.0523712	0.009429582
9	rs4838285	0.358423	0.417263	0.009439554
18	rs475235	0.530466	0.47137	0.009439554
3	rs2702172	0.172043	0.131301	0.009449536
5	rs10213934	0.460573	0.402422	0.009449536
13	rs9555087	0.519713	0.460123	0.009454531
2	rs10178240	0.0645161	0.0999659	0.009459529
3	rs995051	0.293907	0.243174	0.009459529
6	rs9295173	0.544803	0.48568	0.00946453
4	rs2710551	0.122744	0.165698	0.009469533
7	rs3793297	0.375	0.318942	0.009474539
3	rs4438608	0.182796	0.140545	0.009504633
1	SNP_A-1872931	0.253597	0.205049	0.009509658
2	rs12477529	0.0878136	0.12666	0.009509658
4	rs4835542	0.27957	0.335264	0.009509658
2	rs7583600	0.330325	0.276755	0.009514685
8	rs10112860	0.127698	0.092845	0.009514685
8	rs519526	0.0881295	0.0599659	0.009514685
1	rs1344	0.372302	0.431299	0.009519716
4	rs7663547	0.216846	0.268076	0.009519716
4	rs1520503	0.384892	0.329189	0.009524749
4	SNP_A-1857316	0.122744	0.0885257	0.009524749
12	rs2955479	0.22043	0.175588	0.009524749
16	rs9935124	0.302867	0.250596	0.009524749
22	rs9610322	0.412186	0.47118	0.009524749

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
15	rs930847	0.274194	0.225307	0.009529785
6	rs16875734	0.274194	0.328786	0.009539865
11	rs310057	0.0935252	0.132914	0.009539865
1	rs10873910	0.320789	0.37824	0.009544909
1	rs1215581	0.405018	0.3485	0.009544909
8	rs7005938	0.353047	0.298604	0.009544909
11	rs4936335	0.342294	0.400852	0.009549956
5	rs2933625	0.362007	0.42064	0.009555006
10	rs3750840	0.458633	0.400545	0.009555006
2	rs2222809	0.154122	0.115594	0.009560058
9	rs10120418	0.424188	0.483083	0.009560058
10	rs10795385	0.340502	0.287198	0.009560058
6	rs1431403	0.240143	0.293667	0.009565113
21	rs3787752	0.141577	0.187266	0.009570171
1	rs11800779	0.078853	0.0520123	0.009575232
2	rs974699	0.329137	0.275562	0.009575232
2	rs4145724	0.548387	0.48909	0.009575232
3	rs3772891	0.292115	0.240968	0.009575232
7	rs6943676	0.078853	0.116275	0.009575232
10	rs6480193	0.47491	0.416297	0.009580295
2	rs6756721	0.411552	0.354344	0.009595501
12	rs11173469	0.21147	0.166837	0.009600575
14	rs1190313	0.357914	0.415755	0.009600575
3	rs7635122	0.31295	0.369625	0.009605652
3	rs9817540	0.31362	0.370737	0.009605652
4	rs1372494	0.358423	0.416525	0.009605652
1	rs486929	0.376344	0.434797	0.009610732
1	rs10911032	0.405018	0.463519	0.009610732
14	rs7156551	0.111511	0.154187	0.009615815
7	rs17475512	0.0776173	0.11566	0.0096209
10	rs17100442	0.09319	0.133447	0.0096209
7	rs6464391	0.195341	0.152574	0.009631079
8	rs6988531	0.353047	0.298673	0.009631079
8	rs7833579	0.53405	0.474949	0.009631079
2	rs1348812	0.0845324	0.123295	0.009641269
2	rs1437370	0.277174	0.332027	0.009646368
8	SNP_A-2158106	0.129032	0.0941437	0.00965147
11	rs1979400	0.238351	0.292164	0.009661682
14	rs1950666	0.353047	0.411244	0.009661682
18	rs328135	0.105735	0.146778	0.009671905
21	rs9984859	0.166667	0.214675	0.00967702
17	rs10506521	0.229391	0.183322	0.009682139
4	rs6840134	0.227599	0.181555	0.00968726
4	rs16994377	0.25448	0.206013	0.009692384
8	rs1373302	0.284946	0.34077	0.009692384
8	rs2468152	0.379928	0.324541	0.009692384
4	rs17034131	0.494624	0.435671	0.009697511
7	rs4618585	0.437276	0.379898	0.009697511
11	rs11041205	0.0860215	0.0579019	0.00970264
13	rs7326743	0.218638	0.173476	0.00970264
1	rs659030	0.0824373	0.0548365	0.009707773
3	rs9824811	0.191756	0.149386	0.009707773

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs17069068	0.0358423	0.0642249	0.009707773
1	rs333195	0.147482	0.109615	0.009712908
7	rs2282920	0.509058	0.450426	0.009712908
10	rs1903997	0.526882	0.467473	0.009712908
1	rs571669	0.376344	0.434686	0.009718046
2	rs6733830	0.392086	0.45075	0.009718046
21	rs229351	0.16129	0.209639	0.009723186
1	rs1340092	0.138182	0.101978	0.009733476
11	rs12294369	0.331541	0.38796	0.009733476
1	rs16863926	0.147482	0.193383	0.009743777
3	rs6795120	0.374552	0.43347	0.009743777
6	rs9492002	0.121377	0.0875214	0.009743777
6	rs1000738	0.532258	0.474438	0.009743777
8	rs1545453	0.146953	0.109636	0.009743777
4	rs2732072	0.207885	0.164225	0.009748932
11	rs10894199	0.150538	0.197853	0.009754089
1	rs211718	0.257194	0.311797	0.009764412
6	rs9370510	0.0358423	0.0646537	0.009769578
16	rs9939590	0.442652	0.503075	0.009769578
16	rs4785775	0.451439	0.394333	0.009769578
4	rs2160111	0.377698	0.43654	0.009774747
9	rs16909359	0.111111	0.153099	0.009774747
1	rs1497842	0.449821	0.392504	0.009779918
3	rs6548668	0.179856	0.229394	0.009779918
5	rs12522491	0.482014	0.423891	0.009790269
12	rs11048792	0.0685921	0.104259	0.009790269
10	rs10827363	0.519713	0.46049	0.009795449
17	rs7211982	0.361011	0.419591	0.009800632
18	rs9949657	0.176259	0.22523	0.009800632
1	rs3795418	0.25448	0.205722	0.009811006
12	rs12581304	0.122302	0.0884157	0.009811006
8	rs11987991	0.53405	0.475136	0.009816197
18	rs17667182	0.140288	0.185812	0.009826587
2	rs10199271	0.34767	0.293426	0.009842194
12	rs821854	0.351254	0.409401	0.009842194
19	rs747730	0.439068	0.381952	0.009842194
1	rs4649923	0.214029	0.16894	0.009847402
2	rs4119151	0.365591	0.311819	0.009852613
4	rs6531684	0.177419	0.226589	0.009857827
17	rs4791845	0.336918	0.283549	0.009857827
10	rs1491192	0.115108	0.157455	0.009863043
11	rs493524	0.134892	0.179666	0.009868263
17	rs8074024	0.28853	0.23816	0.009873485
4	rs11098176	0.408602	0.351839	0.00987871
11	rs2714049	0.415771	0.359359	0.00987871
18	rs1789223	0.430108	0.373551	0.00987871
8	rs2471943	0.219424	0.27121	0.009883937
13	rs6491426	0.0485612	0.0793867	0.009889168
19	rs10084110	0.22043	0.272324	0.009889168
10	rs1903995	0.526882	0.467566	0.009894402
2	rs1177279	0.225806	0.278289	0.009899638
5	rs2561120	0.397112	0.455336	0.009904877

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs6852326	0.318996	0.266951	0.009910119
14	rs8023030	0.401434	0.459639	0.009910119
17	rs9896837	0.363309	0.308205	0.009910119
19	rs7253245	0.209677	0.261588	0.009910119
6	rs9491114	0.11828	0.0851282	0.009925862
2	rs2166517	0.0842294	0.122658	0.009931115
2	rs10497603	0.124101	0.167802	0.009941631
11	rs671851	0.351254	0.297311	0.009941631
18	rs1941114	0.105735	0.146558	0.009941631
19	rs17641958	0.413669	0.35685	0.009952157
22	rs16993330	0.0806452	0.0538881	0.009952157
1	rs579545	0.376344	0.434538	0.009957425
7	rs6946540	0.281362	0.336175	0.009962696
5	rs7705177	0.107527	0.148925	0.009967969
18	rs10502942	0.149281	0.111793	0.009973245
2	rs10186749	0.0412186	0.0710392	0.009989091
2	rs17581506	0.0878136	0.126023	0.009989091
5	rs300330	0.224014	0.178073	0.009989091
22	rs419893	0.140288	0.104031	0.009989091
21	rs3787754	0.141577	0.186946	0.009999669
3	rs4686030	0.424731	0.483311	0.010004962
3	rs4333080	0.202509	0.252644	0.010010259
11	rs320109	0.501792	0.443139	0.010010259
8	SNP_A-4212918	0.127698	0.093281	0.01002086
11	rs509944	0.152878	0.199319	0.010026165
3	rs2035810	0.548387	0.489612	0.010031473
8	rs4573275	0.437276	0.380368	0.010031473
3	rs17029875	0.0555556	0.0886658	0.010042097
4	rs10003290	0.121864	0.165758	0.010047413
5	rs159760	0.224014	0.178145	0.010047413
1	rs2478807	0.442652	0.385851	0.010052733
11	rs7110142	0.148746	0.111452	0.010052733
11	rs590216	0.351254	0.297343	0.010052733
9	rs545955	0.351254	0.297546	0.010058055
2	rs4971766	0.160072	0.207084	0.010068708
13	rs2669460	0.189964	0.240034	0.010068708
12	rs9332442	0.449821	0.391431	0.010074039
1	rs6684354	0.392473	0.450767	0.010084709
19	rs846885	0.302867	0.252981	0.010084709
11	rs12225989	0.197133	0.153951	0.010090049
17	rs8077625	0.0451264	0.0752725	0.010095391
8	rs2053140	0.446043	0.504777	0.010106085
18	rs7234324	0.151625	0.114086	0.010106085
20	rs2423366	0.289568	0.345761	0.010106085
2	rs1429978	0.326165	0.272913	0.010111436
2	rs4233815	0.284946	0.234673	0.010111436
4	rs1503882	0.320144	0.267462	0.01011679
5	rs898057	0.286738	0.236537	0.01011679
12	rs10492037	0.0845324	0.0568801	0.01011679
13	rs4770521	0.197842	0.155502	0.01011679
5	SNP_A-4228325	0.143369	0.106195	0.010122147
16	rs7199361	0.397849	0.456899	0.010122147

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
7	rs12670599	0.315884	0.372232	0.010127507
20	rs6057657	0.160072	0.121253	0.010127507
8	rs10504493	0.129032	0.173424	0.01013287
10	rs2249964	0.25448	0.308453	0.01013287
17	rs2042005	0.379928	0.436968	0.01013287
21	rs457581	0.227599	0.281016	0.01013287
9	rs10756902	0.213262	0.264846	0.010138235
22	rs17003998	0.137993	0.10242	0.010138235
5	rs294142	0.0758123	0.0500171	0.010143604
19	rs7248493	0.177419	0.225971	0.010143604
3	rs2608426	0.433692	0.377214	0.010159727
9	rs12684524	0.357914	0.303815	0.010159727
5	rs10036020	0.416667	0.475315	0.010165107
7	rs10278603	0.394265	0.452673	0.010165107
11	rs120435	0.496416	0.437969	0.010165107
1	rs12757934	0.378136	0.436797	0.010175877
5	rs874158	0.132616	0.0973451	0.010175877
8	rs599016	0.28853	0.238063	0.010186658
4	rs11728431	0.0361011	0.0636954	0.010192053
7	rs2679258	0.548387	0.489758	0.010192053
11	rs10836533	0.362007	0.419646	0.010197451
6	rs773678	0.339928	0.286614	0.010202851
8	rs4620305	0.503584	0.44507	0.010208255
2	rs1158463	0.0967742	0.067121	0.010213662
4	rs1469809	0.116487	0.158587	0.010219071
12	rs10849157	0.46223	0.403754	0.010219071
18	rs2345034	0.172043	0.131552	0.010219071
19	rs846902	0.302867	0.253078	0.010219071
11	rs11039800	0.332734	0.38961	0.010224484
15	rs16955177	0.182796	0.14113	0.010229899
16	rs440488	0.268817	0.220633	0.010229899
4	rs12505249	0.421147	0.480061	0.010235317
5	rs2432175	0.383513	0.328056	0.010246163
7	rs1012579	0.519713	0.460621	0.01025159
7	rs281880	0.109319	0.0776567	0.01025159
14	rs17121605	0.267025	0.218324	0.010267889
10	rs1466653	0.317204	0.264986	0.01027877
4	rs17585389	0.219424	0.271238	0.010284215
11	rs2716028	0.342294	0.399387	0.010284215
1	rs1414314	0.48741	0.429131	0.010289663
8	rs17450934	0.165468	0.126537	0.010289663
17	rs8069732	0.109319	0.15104	0.010289663
3	rs10935648	0.401079	0.458816	0.010295114
14	rs2332283	0.182796	0.1411	0.010300568
20	rs1884764	0.47491	0.417406	0.010300568
21	rs536255	0.228417	0.182765	0.010300568
3	rs12690602	0.433692	0.377256	0.010306025
5	rs17641748	0.0573477	0.0900886	0.010306025
2	rs2202888	0.0942029	0.0649573	0.010311484
15	rs7170871	0.105735	0.145947	0.010311484
5	SNP_A-4286050	0.0985663	0.0686308	0.010316947
11	rs1320650	0.309353	0.366689	0.010316947

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
21	rs1734504	0.395683	0.339639	0.010316947
4	rs230525	0.393885	0.338919	0.010327881
10	rs1822155	0.375899	0.434219	0.010327881
12	rs11050301	0.261649	0.213556	0.010333353
18	rs12965241	0.25	0.303103	0.010338827
6	rs6940385	0.396057	0.340458	0.010344305
5	rs11954767	0.270609	0.221655	0.010349785
18	rs9959865	0.140288	0.185456	0.010349785
18	rs660363	0.430108	0.373935	0.010349785
14	rs10136056	0.532258	0.473415	0.010355269
3	rs17660641	0.278777	0.33447	0.010360755
14	rs736939	0.467626	0.410082	0.010371737
10	rs16931782	0.111111	0.153218	0.010388232
11	rs1545436	0.0647482	0.0993174	0.010388232
17	rs216460	0.372302	0.429887	0.010388232
6	rs9349422	0.360215	0.306095	0.010393737
1	rs2982313	0.163082	0.209754	0.010399244
7	rs849731	0.397112	0.45501	0.010399244
22	rs9610489	0.238351	0.192373	0.010399244
3	rs10511293	0.0413669	0.071161	0.010415784
7	rs2710942	0.528674	0.469687	0.010415784
1	rs6425015	0.548561	0.490624	0.01043788
16	rs274094	0.209677	0.261759	0.01043788
2	rs10185662	0.154122	0.201431	0.010443411
8	rs10104883	0.109319	0.0780239	0.010443411
11	rs226154	0.512545	0.454204	0.010443411
1	rs4651115	0.284173	0.340041	0.010448945
18	rs17075033	0.150538	0.113365	0.010448945
8	rs4584160	0.503584	0.445315	0.010454483
16	rs10514584	0.0591398	0.091715	0.010454483
16	rs9941184	0.303957	0.252045	0.010460023
7	rs4723349	0.471326	0.41448	0.010465566
9	rs920753	0.299283	0.354734	0.010471113
3	rs1376959	0.512545	0.453849	0.010476662
20	rs987919	0.31362	0.261751	0.010476662
5	rs2964694	0.363799	0.421635	0.010482215
6	rs17058546	0.163082	0.123892	0.010482215
8	rs4841197	0.283154	0.233208	0.010482215
1	rs16863314	0.21147	0.167121	0.01048777
2	rs17010976	0.157706	0.11921	0.01048777
7	rs2371868	0.308244	0.364441	0.01048777
1	rs7546928	0.439068	0.497444	0.010493328
15	rs7178283	0.24552	0.298365	0.010493328
16	rs8061932	0.200361	0.157167	0.010493328
22	rs9610302	0.234767	0.287812	0.010493328
1	rs780083	0.271583	0.326346	0.010510022
5	rs295688	0.323741	0.271798	0.010510022
5	rs17484600	0.387097	0.33106	0.010510022
8	rs16899145	0.362007	0.307627	0.010515593
13	rs7335761	0.24552	0.297985	0.010515593
18	rs1348051	0.145161	0.191076	0.010515593
1	rs6427299	0.16787	0.215429	0.010526743

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
18	rs509620	0.184588	0.232891	0.010537905
11	rs7116729	0.222222	0.176991	0.010543491
13	rs9582066	0.0412186	0.0703578	0.010543491
6	rs3131294	0.179211	0.137943	0.010549079
14	rs3100901	0.252688	0.205251	0.010549079
5	rs4866753	0.31362	0.261507	0.010554671
8	rs7010270	0.283154	0.23322	0.010554671
2	rs16854601	0.133574	0.178547	0.010560266
18	rs8099457	0.0431655	0.0727459	0.010560266
2	rs11692330	0.379928	0.325085	0.010565864
13	rs1575883	0.510753	0.452657	0.010565864
4	rs17088961	0.345878	0.292405	0.010571465
6	rs9277542	0.249104	0.302555	0.010577069
13	rs12431054	0.166667	0.127044	0.010577069
19	rs924151	0.439068	0.382493	0.010577069
12	rs741290	0.106115	0.14734	0.010588286
16	rs9922767	0.22482	0.277324	0.010588286
12	rs2053092	0.385305	0.329297	0.010605134
22	rs134788	0.12724	0.17116	0.010605134
4	rs9917861	0.261649	0.213726	0.010610757
4	rs9994124	0.241877	0.195089	0.010616382
18	rs7230070	0.296029	0.351278	0.010616382
8	rs17344030	0.530466	0.472554	0.01062201
7	rs3734992	0.306452	0.254682	0.010627642
4	rs7694098	0.345878	0.292604	0.010633276
4	rs11932737	0.111511	0.0797745	0.010638914
21	rs2836411	0.401079	0.345133	0.010638914
6	rs13204237	0.0663082	0.100613	0.010644554
11	rs2283208	0.417563	0.475111	0.010644554
3	rs2648545	0.498208	0.440041	0.010650198
8	rs983273	0.135379	0.0999659	0.010650198
21	rs1699927	0.0815217	0.0543776	0.010655845
9	rs534517	0.103943	0.0731333	0.010661495
17	rs1002446	0.3213	0.268916	0.010661495
3	rs4685080	0.168459	0.215867	0.010667148
5	rs2560309	0.225806	0.277532	0.010667148
8	rs10481354	0.348921	0.295772	0.010667148
6	rs11154557	0.297491	0.246594	0.010678463
10	SNP_A-2268385	0.122302	0.0889874	0.010678463
11	rs4936744	0.227599	0.182777	0.010678463
21	rs2826853	0.535971	0.477846	0.010678463
12	rs10161384	0.18705	0.145755	0.010684125
14	rs8021692	0.249104	0.301498	0.010684125
1	rs10753264	0.243728	0.196556	0.01068979
13	rs9318312	0.469424	0.412176	0.01068979
18	rs11872814	0.38172	0.326746	0.01068979
1	rs11120613	0.236559	0.190354	0.010695458
18	rs645088	0.430108	0.37419	0.01070113
5	rs13158463	0.170251	0.131265	0.010706804
16	rs17749681	0.356631	0.414651	0.010706804
8	rs7824177	0.202509	0.159502	0.010712482
5	SNP_A-1892594	0.236559	0.19033	0.010718162

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
16	rs2267792	0.37276	0.318151	0.010718162
8	rs11777659	0.0376344	0.0659509	0.010723846
2	rs4668666	0.129032	0.172402	0.010735223
5	rs248695	0.354317	0.412065	0.010735223
16	rs4255787	0.248201	0.201296	0.010735223
16	rs9931801	0.198925	0.155472	0.010735223
18	rs2733129	0.397482	0.342984	0.010740916
4	rs6856121	0.419355	0.363342	0.010746612
4	rs1479255	0.419065	0.362986	0.010746612
11	rs1914475	0.370968	0.428206	0.010746612
8	rs1026378	0.125448	0.0916837	0.010752311
9	rs7864598	0.478495	0.421304	0.010752311
18	rs328152	0.105735	0.146267	0.010752311
5	rs6868724	0.456989	0.399557	0.010758013
6	rs879856	0.401434	0.345551	0.010758013
2	rs17619398	0.330935	0.386954	0.010780853
6	rs3823287	0.136201	0.10075	0.010780853
17	rs8065154	0.383513	0.440906	0.010780853
11	rs7395454	0.148746	0.111679	0.010786571
15	rs930001	0.496416	0.437607	0.010786571
15	rs2062640	0.0776173	0.113613	0.010786571
6	rs17137065	0.134409	0.0994212	0.010792292
6	rs6909109	0.374101	0.431346	0.010792292
2	rs4673905	0.363799	0.309435	0.010798016
11	rs1320654	0.329137	0.38658	0.010798016
10	rs1398024	0.249104	0.202251	0.010803743
17	rs17763104	0.166065	0.126664	0.010803743
1	rs16840224	0.256272	0.310157	0.010809474
3	rs6805463	0.258065	0.210697	0.010815207
10	rs2451461	0.317204	0.265317	0.010815207
1	rs2284800	0.15233	0.114388	0.010826683
8	rs7001739	0.128159	0.093686	0.010826683
8	rs1352991	0.189964	0.14758	0.010826683
6	rs9503365	0.120072	0.162866	0.010838172
5	rs4323250	0.327338	0.384157	0.010849673
8	rs2719276	0.189964	0.147813	0.010849673
21	rs9978006	0.261649	0.314973	0.010861187
3	rs2712471	0.390681	0.335887	0.010872713
6	rs736864	0.150538	0.196526	0.010872713
9	rs3015213	0.132616	0.0979557	0.010872713
3	rs11710379	0.512545	0.454158	0.010878481
6	rs9368060	0.383513	0.441488	0.010878481
18	rs1371264	0.298561	0.24744	0.010884252
1	rs1748041	0.342294	0.289438	0.010890026
1	rs9645351	0.109712	0.151345	0.010895803
5	rs1373995	0.444444	0.387679	0.010895803
13	rs1323550	0.243728	0.196727	0.010907367
22	rs5767699	0.379928	0.325153	0.010907367
2	rs4119152	0.365591	0.3125	0.010913153
6	rs2074470	0.355596	0.301604	0.010913153
1	rs10753263	0.243728	0.196696	0.010918943
8	rs17151209	0.158273	0.12002	0.010918943

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
18	rs2733126	0.397849	0.343569	0.010918943
2	rs17532973	0.11828	0.16041	0.010924736
12	rs10849208	0.111511	0.153584	0.010930532
3	rs13059492	0.516129	0.458404	0.010936332
5	rs161320	0.181004	0.229408	0.010936332
1	rs1869972	0.378136	0.32368	0.01094794
2	rs6724135	0.181159	0.13942	0.01094794
16	rs12447968	0.204301	0.160586	0.01094794
5	rs466686	0.101083	0.0706726	0.010953748
18	rs3098921	0.350181	0.296555	0.010953748
5	rs2011343	0.478495	0.421322	0.01095956
1	rs531007	0.487455	0.429277	0.010965375
14	rs12431920	0.182796	0.141641	0.010965375
4	rs1520501	0.387097	0.332766	0.010971194
6	rs4601089	0.250896	0.203237	0.010977015
15	rs7181788	0.0971223	0.136503	0.010977015
9	rs7035551	0.412186	0.356972	0.01098284
11	rs11020093	0.203237	0.252809	0.01098284
13	rs1072725	0.510753	0.452981	0.01098284
17	rs2042004	0.38172	0.438053	0.01098284
10	rs17115419	0.165468	0.126319	0.010988667
18	rs7505697	0.428315	0.487223	0.010988667
19	rs6509544	0.12724	0.169962	0.010988667
9	rs1535964	0.329749	0.385768	0.010994498
18	rs1480670	0.292115	0.242765	0.010994498
10	rs7072552	0.0376344	0.0655654	0.011000332
22	rs132825	0.17446	0.1343	0.01100617
12	rs1915297	0.446237	0.50392	0.01101201
3	rs9830013	0.309353	0.364906	0.011017854
4	rs17085781	0.323105	0.271365	0.011023701
5	rs11242244	0.241935	0.195674	0.011029551
17	rs3729508	0.467742	0.410964	0.011029551
18	rs7240727	0.15233	0.115201	0.011035404
2	rs778207	0.326165	0.273485	0.01104126
18	rs328154	0.105735	0.146046	0.011052982
11	rs10769598	0.422939	0.48075	0.011058848
20	rs4815389	0.302867	0.252131	0.011058848
2	rs2396498	0.528674	0.470558	0.011064717
8	rs17681489	0.142599	0.187095	0.011064717
7	rs1918531	0.428315	0.48586	0.01107059
12	rs12582875	0.133094	0.0979223	0.01107059
13	rs9587783	0.102151	0.141664	0.01107059
1	rs17102832	0.202509	0.159509	0.011076465
2	rs1608575	0.336918	0.393975	0.011076465
3	rs233170	0.139785	0.184372	0.011076465
22	rs735853	0.399642	0.457411	0.011076465
1	rs1340414	0.333333	0.389059	0.011082344
9	rs10983664	0.306452	0.361234	0.011082344
12	rs4930808	0.206835	0.256997	0.011082344
22	rs5757184	0.078853	0.115411	0.011082344
4	rs17230634	0.428315	0.372355	0.011088226
4	rs677114	0.114695	0.0825375	0.011088226

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs1935961	0.534173	0.475784	0.011088226
2	rs10172684	0.299283	0.354586	0.011094111
7	rs1693380	0.234767	0.189479	0.011105891
18	rs328140	0.105735	0.146067	0.011105891
8	rs10504494	0.129032	0.172743	0.011111786
10	rs7911097	0.503584	0.445711	0.011111786
12	rs7969125	0.155914	0.117597	0.011111786
14	rs745696	0.341727	0.289196	0.011111786
8	rs2289496	0.326165	0.382924	0.011117684
12	rs7309371	0.421147	0.478698	0.011117684
6	rs17137008	0.0380435	0.066803	0.011123585
2	rs2029076	0.290614	0.240375	0.011129489
7	rs10244689	0.455197	0.398911	0.011135397
10	rs11007760	0.496416	0.438692	0.011135397
4	rs10031194	0.168459	0.216207	0.011141308
6	rs12202107	0.297491	0.246848	0.011147222
15	rs12905612	0.393885	0.338781	0.011147222
19	rs4805131	0.167266	0.214845	0.011147222
7	rs2536149	0.149281	0.112057	0.011153139
1	rs835341	0.412186	0.470458	0.011164983
12	rs2041382	0.462366	0.404811	0.01117091
17	rs9915612	0.0953237	0.13415	0.01117091
9	rs10758475	0.19964	0.156729	0.01117684
10	rs10786820	0.318996	0.26728	0.01117684
9	rs1329557	0.299283	0.354394	0.01119465
5	rs1862613	0.265233	0.319065	0.011200593
6	rs4711896	0.359712	0.306105	0.011200593
7	rs2205542	0.0752688	0.111546	0.011200593
1	rs1498313	0.349462	0.406101	0.011206539
2	rs1381817	0.116487	0.083816	0.011212489
18	rs12458580	0.249104	0.202182	0.011212489
1	rs10917186	0.219424	0.270386	0.011218442
21	rs954616	0.340502	0.396828	0.011218442
18	rs642633	0.429856	0.374149	0.011224398
1	rs4651299	0.544964	0.487394	0.011230357
7	rs802467	0.456835	0.400239	0.011230357
15	rs11633914	0.437276	0.49421	0.011230357
1	rs1371143	0.178058	0.137432	0.011248255
2	rs10928451	0.302867	0.25196	0.011248255
9	rs10512036	0.311828	0.367121	0.011248255
12	rs10492224	0.157706	0.203476	0.011254227
1	rs640718	0.0896057	0.0613497	0.011260202
4	rs230519	0.394928	0.340444	0.011266181
11	rs17133656	0.349462	0.296561	0.011266181
18	rs328149	0.105735	0.145876	0.011266181
6	rs6569672	0.297491	0.246937	0.011272163
11	rs7937671	0.224014	0.275715	0.011278149
18	rs1822448	0.485507	0.427596	0.011278149
14	rs17115324	0.369176	0.315458	0.011284137
16	rs12932433	0.333333	0.280729	0.011284137
17	rs17631111	0.227599	0.182515	0.011284137
1	rs12741629	0.505396	0.446758	0.011290129

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs7772529	0.370504	0.316274	0.011290129
8	rs12542369	0.291367	0.241227	0.011290129
3	rs9840922	0.0557554	0.0879945	0.011296124
8	rs6577810	0.177419	0.225153	0.011296124
6	rs7765437	0.177419	0.137649	0.011302123
8	rs7000710	0.165468	0.126705	0.011308124
12	rs11105192	0.188172	0.146687	0.011308124
16	rs11075148	0.143369	0.188608	0.011308124
5	rs17313823	0.232975	0.1875	0.011314129
13	rs3168693	0.308244	0.257663	0.011314129
1	rs2786484	0.0896057	0.0610505	0.011320137
3	rs2035658	0.372302	0.318337	0.011320137
7	rs1507599	0.290323	0.34491	0.011320137
1	rs546191	0.197133	0.246937	0.011326149
5	rs11241959	0.442652	0.500511	0.011326149
7	rs1968059	0.33871	0.394074	0.011326149
10	rs2484456	0.25448	0.307522	0.011332164
11	rs2879747	0.157706	0.120396	0.011332164
5	rs17053040	0.0573477	0.0899011	0.011338182
10	rs10795384	0.340502	0.288317	0.011344203
2	rs12053013	0.546595	0.488733	0.011350228
6	rs9398069	0.435484	0.379346	0.011350228
6	rs6928411	0.544803	0.487726	0.011350228
11	rs7107869	0.376344	0.321965	0.011350228
6	rs7772495	0.297491	0.247019	0.011356255
19	rs10416843	0.462366	0.40576	0.011362287
1	rs6680817	0.0827338	0.0558773	0.0113804
4	rs6824846	0.0967742	0.0674387	0.0113804
11	rs1792229	0.141577	0.185967	0.011386444
2	rs10865346	0.471223	0.414709	0.011392492
3	rs16839096	0.242806	0.295392	0.011392492
6	rs9350612	0.378136	0.324504	0.011392492
6	rs9403799	0.327957	0.384497	0.011392492
11	rs2904315	0.256272	0.309159	0.011392492
8	rs16884099	0.129032	0.0947924	0.011398543
3	rs6443099	0.456989	0.399796	0.011404597
3	rs2141180	0.421147	0.365169	0.011404597
5	rs270654	0.0740072	0.110429	0.011404597
5	rs4920937	0.301075	0.356025	0.011410654
5	rs7707544	0.327957	0.38413	0.011410654
8	rs4489355	0.177419	0.225102	0.011410654
17	rs806942	0.402878	0.346758	0.011410654
22	rs5769740	0.21147	0.167918	0.011410654
18	rs8094002	0.429856	0.374532	0.011416715
2	rs895526	0.137993	0.182453	0.011422779
5	rs2059886	0.292115	0.347071	0.011428847
1	rs11207621	0.285971	0.339536	0.011434917
4	rs4235261	0.132616	0.17634	0.011434917
11	rs10894784	0.27957	0.334129	0.011434917
2	rs1440048	0.489247	0.431903	0.011440992
3	rs1349285	0.272401	0.223814	0.011440992
3	rs17073477	0.453405	0.397375	0.01145315

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs7899038	0.25	0.303407	0.01145315
11	rs3886607	0.47491	0.418259	0.01145315
5	rs1896664	0.397849	0.454731	0.011459234
6	rs9371352	0.387097	0.443914	0.011459234
3	rs9830696	0.154122	0.116303	0.011465321
7	rs6460798	0.317204	0.373124	0.011465321
2	rs12994943	0.0752688	0.111414	0.011471411
7	rs10279000	0.5	0.44234	0.011477505
11	rs11039858	0.397849	0.454871	0.011477505
8	rs10504705	0.205036	0.162171	0.011483603
11	rs747601	0.232014	0.284474	0.011483603
22	rs9613477	0.194245	0.152248	0.011483603
2	rs534781	0.11828	0.0861187	0.011489703
1	rs4515823	0.4319	0.489608	0.011495807
14	rs2415769	0.09319	0.0646537	0.011495807
9	rs473159	0.345878	0.402181	0.011508025
13	rs9544536	0.0304659	0.0571282	0.011508025
14	rs221698	0.0773381	0.0516184	0.011508025
1	rs3121983	0.21147	0.167575	0.011514139
8	rs1443952	0.286738	0.341397	0.011514139
1	rs550948	0.433692	0.377941	0.011520256
5	rs437499	0.284946	0.339523	0.011526377
1	rs12139561	0.0755396	0.0501364	0.011532501
2	rs7561481	0.546595	0.488764	0.011532501
2	rs1485055	0.120504	0.0879945	0.011538628
3	rs4676898	0.505396	0.4477	0.011538628
8	rs7824377	0.286738	0.341335	0.011538628
9	rs629518	0.384892	0.330774	0.011544758
13	rs1753782	0.446237	0.389799	0.011544758
15	rs1354102	0.0681004	0.10242	0.011544758
1	rs3738365	0.200717	0.158101	0.011550892
1	rs930323	0.197133	0.154872	0.01155703
2	rs13410077	0.268817	0.322597	0.01155703
5	rs4869262	0.274194	0.327886	0.01156317
7	rs3113126	0.544964	0.487555	0.011569314
2	rs1607445	0.5	0.443535	0.011575462
13	rs206337	0.239209	0.19312	0.011575462
10	rs726175	0.236559	0.190614	0.011581612
4	rs4130912	0.116487	0.157922	0.011587766
4	rs6840816	0.5	0.44215	0.011600084
18	rs323122	0.0809353	0.117537	0.011600084
21	rs4816958	0.501799	0.444293	0.011600084
1	rs4507990	0.246403	0.200239	0.011612416
7	rs2971769	0.444444	0.387811	0.011612416
11	rs11039515	0.204301	0.253576	0.011618587
18	rs11152402	0.317204	0.266769	0.011618587
1	rs11590326	0.329137	0.277342	0.011624761
12	rs2190733	0.140288	0.184668	0.011624761
15	rs8039405	0.4319	0.489434	0.011624761
22	rs738415	0.0503597	0.0810351	0.011624761
3	rs17060205	0.0842294	0.121212	0.011630939
8	rs7824655	0.0716846	0.0473019	0.011630939

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs10509420	0.241935	0.29516	0.011649492
20	rs6024821	0.196043	0.245318	0.011649492
7	rs2237420	0.25448	0.306671	0.011655683
11	rs11029650	0.376344	0.322037	0.011661877
20	rs6030385	0.145161	0.189502	0.011661877
3	rs9863228	0.363309	0.419816	0.011674276
11	rs11232921	0.327957	0.276091	0.011674276
5	rs7705219	0.25448	0.207396	0.011680481
7	rs2530309	0.129496	0.172743	0.011680481
20	rs6015716	0.267025	0.219591	0.011680481
13	rs4365181	0.122302	0.0891883	0.0116929
5	rs6449611	0.134409	0.177876	0.011699115
13	rs4770403	0.229391	0.184408	0.011699115
1	rs454751	0.370504	0.427282	0.011711555
13	rs17252720	0.292115	0.242916	0.011711555
22	rs16979683	0.3213	0.269625	0.01171778
1	rs527241	0.375899	0.432732	0.011724008
2	rs6756666	0.440647	0.383737	0.011724008
3	rs16847698	0.273381	0.224796	0.011724008
5	rs1021004	0.25448	0.207467	0.011736475
6	rs13198841	0.0985663	0.137432	0.011742713
20	rs6030407	0.0394265	0.067609	0.011742713
8	rs11784191	0.53405	0.476847	0.011748955
1	rs2131556	0.270609	0.221597	0.011755201
7	rs3812340	0.282374	0.336116	0.011755201
18	rs328136	0.106115	0.146217	0.011755201
10	rs1934952	0.268817	0.323329	0.011761449
5	rs10073086	0.327957	0.383776	0.011767701
16	rs1728419	0.120939	0.0879046	0.011767701
14	rs2293732	0.438849	0.382794	0.011773957
9	rs3118941	0.0740072	0.109877	0.011780216
12	rs4760222	0.351254	0.407899	0.011780216
3	rs6443090	0.210432	0.167745	0.011786478
5	rs10075495	0.177419	0.13796	0.011786478
4	rs3805257	0.38172	0.32731	0.011792744
13	rs17471107	0.261649	0.214237	0.011792744
5	rs786843	0.304659	0.254514	0.011799014
11	rs10766066	0.238351	0.290971	0.011799014
2	rs17735152	0.26259	0.214164	0.011805286
1	rs1264913	0.0967742	0.067632	0.011811562
3	rs11708862	0.274194	0.328898	0.011817842
3	rs11718187	0.290909	0.346246	0.011817842
7	rs2191995	0.492806	0.435308	0.011824125
16	rs4327045	0.141818	0.186348	0.011830411
4	rs10856838	0.100358	0.139277	0.011836701
7	rs11238181	0.315412	0.264225	0.011836701
12	rs7981014	0.234657	0.188502	0.011836701
5	rs2973628	0.242806	0.196629	0.011842994
5	rs883774	0.154122	0.19918	0.011842994
15	rs7182997	0.501812	0.444463	0.011842994
20	rs2012168	0.193548	0.152011	0.011842994
1	rs651844	0.248201	0.301363	0.011855591

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs910037	0.215827	0.171838	0.011861895
9	rs10868394	0.379928	0.325272	0.011861895
1	rs11161511	0.261649	0.31491	0.011868201
8	rs13273033	0.281362	0.232277	0.011868201
17	rs1124918	0.34767	0.294037	0.011868201
10	rs1468063	0.136201	0.100919	0.011874512
20	rs8115505	0.301075	0.250766	0.011874512
2	rs17044605	0.172662	0.220368	0.011880826
2	rs1991564	0.263441	0.215746	0.011880826
3	rs473702	0.421147	0.365509	0.011887143
6	rs3734435	0.374552	0.321721	0.011893464
3	rs13091420	0.440647	0.384812	0.011899788
21	rs9974219	0.18705	0.236116	0.011899788
10	rs7898545	0.353047	0.408828	0.011906116
13	rs17604551	0.078853	0.0531442	0.011906116
1	rs10801774	0.403226	0.348382	0.011912447
2	rs12105249	0.0716846	0.106814	0.011912447
5	rs11739206	0.109319	0.0779973	0.011912447
8	rs13260353	0.0359712	0.0635002	0.011912447
8	rs3133762	0.308664	0.257581	0.011912447
5	rs2401810	0.326165	0.382153	0.011918782
18	rs17663994	0.31362	0.368439	0.011918782
5	rs258060	0.282374	0.337598	0.01192512
8	rs6995069	0.341155	0.398432	0.01192512
14	rs17121610	0.265233	0.217621	0.011931461
6	rs9397747	0.387097	0.44365	0.011937806
17	rs16955918	0.0412186	0.0696008	0.011950507
20	rs11906748	0.376344	0.322856	0.011950507
8	rs12674762	0.283154	0.233992	0.011963221
17	rs4796751	0.183453	0.14293	0.011963221
20	rs6070411	0.483871	0.426842	0.011963221
12	rs11056380	0.226619	0.181849	0.011969583
4	rs7695956	0.232975	0.188117	0.011975949
5	rs245202	0.343525	0.290801	0.011982318
18	rs6506058	0.0573477	0.0894683	0.011982318
14	rs2371808	0.228417	0.184175	0.011988691
9	rs2891188	0.125899	0.0921635	0.011995067
13	rs9315724	0.191756	0.240381	0.011995067
20	rs890613	0.0896057	0.0618188	0.012001447
11	rs10767749	0.399642	0.456218	0.01200783
1	rs17410154	0.393885	0.450767	0.012020607
4	rs7438590	0.227599	0.27882	0.012020607
14	rs10145685	0.0967742	0.067632	0.012020607
2	rs1344923	0.530466	0.473424	0.012027001
7	rs17330921	0.213262	0.26279	0.012027001
14	rs2124675	0.252688	0.205963	0.012027001
17	rs8071407	0.18638	0.234652	0.012033398
18	rs539632	0.232975	0.188586	0.012033398
10	rs2814184	0.548387	0.491315	0.012039798
4	rs1440940	0.322581	0.271643	0.012046203
18	rs12605617	0.247312	0.300273	0.01205261
2	rs1519768	0.31362	0.368699	0.012059021

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs17732285	0.0519713	0.0831346	0.012059021
2	rs2344734	0.221223	0.177744	0.012065436
3	rs7627066	0.464029	0.40802	0.012078276
11	rs3849161	0.551971	0.49455	0.012084701
13	rs7328260	0.159498	0.20429	0.012084701
1	rs7516175	0.107527	0.147871	0.01209113
1	rs6424819	0.120504	0.162411	0.012097562
2	rs9679315	0.169065	0.216672	0.012097562
8	rs2023121	0.435484	0.379393	0.012103998
15	rs11638609	0.385305	0.441527	0.012103998
18	rs328150	0.105735	0.145343	0.012103998
18	rs1943391	0.365591	0.312713	0.012103998
2	rs2705853	0.487455	0.431252	0.01211688
5	rs10035262	0.177419	0.137902	0.01211688
17	rs4459604	0.362007	0.308623	0.01211688
1	rs17100780	0.0949821	0.0658836	0.012123326
2	rs6433032	0.284946	0.235865	0.012123326
3	rs11128317	0.401079	0.458106	0.012129776
4	rs17022415	0.057554	0.0899183	0.012129776
10	rs11596795	0.0377698	0.065247	0.012129776
10	rs17790693	0.154676	0.117587	0.012129776
18	rs9960039	0.317204	0.26703	0.012129776
18	rs8084088	0.182796	0.142224	0.012136229
3	rs13326767	0.189964	0.239449	0.012142686
21	rs571227	0.311828	0.261491	0.012142686
8	rs3808580	0.342294	0.289779	0.01215561
6	rs1886985	0.378136	0.324923	0.012162078
6	rs2314090	0.379928	0.326694	0.012168549
4	rs11732754	0.478417	0.421886	0.012175023
16	rs11647652	0.517986	0.46167	0.012175023
2	rs10495872	0.157706	0.120437	0.012181501
2	rs984066	0.158273	0.204801	0.012181501
2	rs11904082	0.478495	0.422396	0.012181501
10	rs10733978	0.473118	0.417547	0.012181501
12	rs11063525	0.102151	0.141982	0.012181501
14	rs17793827	0.0967742	0.0676781	0.012181501
14	rs10483670	0.24552	0.199693	0.012194468
12	rs4765870	0.339928	0.288133	0.012200956
18	rs3910788	0.362007	0.308939	0.012200956
19	rs11668856	0.365591	0.421268	0.012200956
20	rs7348905	0.304659	0.254428	0.012200956
8	rs7823957	0.307554	0.256812	0.012207449
6	rs2451688	0.154122	0.116814	0.012220444
12	rs17042391	0.215827	0.17229	0.012226947
10	rs2941683	0.396057	0.453194	0.012233453
14	rs8007286	0.369176	0.316076	0.012233453
1	rs10489513	0.345878	0.400681	0.012239963
2	rs11897150	0.51259	0.455677	0.012239963
19	rs17637922	0.202509	0.160061	0.012239963
10	rs7082215	0.0665468	0.100272	0.012246477
1	rs431966	0.258065	0.310838	0.012259514
2	rs13026824	0.535971	0.47906	0.012259514

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs16851773	0.268817	0.322888	0.012266038
11	rs10501798	0.241935	0.293086	0.012266038
11	rs17617000	0.159498	0.121718	0.012266038
5	rs2594869	0.379496	0.43667	0.012279098
8	rs3133760	0.307554	0.256895	0.012279098
10	rs12414475	0.250896	0.2046	0.012279098
11	rs10838805	0.204301	0.253149	0.012279098
4	rs7662249	0.419065	0.363931	0.012285633
7	rs10500146	0.073741	0.0486348	0.012292171
10	rs11009744	0.392473	0.337935	0.012292171
2	rs17659633	0.0358423	0.0637572	0.012298713
18	rs485266	0.18638	0.145947	0.012298713
6	rs9386159	0.494624	0.438032	0.012305259
12	rs10751695	0.444444	0.500511	0.012311808
18	rs949024	0.175627	0.22298	0.012318361
3	rs2213255	0.257194	0.210311	0.012324917
6	rs2651317	0.521505	0.463751	0.012331477
14	rs17109110	0.18231	0.141689	0.012331477
4	SNP_A-1828738	0.0806452	0.0539666	0.012338041
16	rs1672866	0.241935	0.195808	0.012338041
2	rs6759106	0.116906	0.15785	0.012344608
13	rs2762051	0.229391	0.184219	0.012344608
6	rs9351298	0.437276	0.38148	0.012351179
21	rs11701162	0.227599	0.278175	0.012351179
1	rs7415831	0.0519713	0.0831629	0.012357753
4	rs7680061	0.256272	0.309751	0.012357753
4	rs955186	0.377698	0.434412	0.012357753
13	rs9558995	0.453405	0.39799	0.012357753
1	rs3845443	0.120504	0.16207	0.012364331
18	rs17059738	0.138989	0.103761	0.012364331
1	rs267866	0.102151	0.142005	0.012370912
17	rs981684	0.508961	0.452624	0.012370912
18	rs11875353	0.0935252	0.131776	0.012370912
2	rs1435566	0.234767	0.189438	0.012384086
7	rs1015122	0.159498	0.2046	0.012384086
18	rs328137	0.105735	0.145321	0.012384086
3	rs6438925	0.0665468	0.100681	0.012390679
8	rs6980831	0.27957	0.230926	0.012397275
8	rs7835900	0.222222	0.178134	0.012397275
12	rs7485874	0.447842	0.391067	0.012397275
13	rs10492570	0.151079	0.196118	0.012397275
3	rs1992985	0.272401	0.224285	0.012403874
11	rs4545536	0.268817	0.220463	0.012410477
13	rs9594738	0.537634	0.479748	0.012417084
14	rs2049787	0.394265	0.339529	0.012417084
4	rs1000647	0.0985663	0.0689949	0.012430308
19	rs7259543	0.365591	0.421124	0.012430308
1	rs6664930	0.52509	0.467484	0.012436926
7	rs451408	0.0878136	0.125256	0.012436926
2	rs1878640	0.0537634	0.0852079	0.012443547
6	rs126854	0.215827	0.172173	0.012443547
3	rs995538	0.142086	0.186521	0.012450172

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs10936408	0.272401	0.224344	0.012450172
6	rs1018155	0.28853	0.341729	0.012450172
2	rs2113650	0.09319	0.130835	0.012456801
5	rs4869452	0.394265	0.450477	0.012456801
11	rs17582926	0.0866426	0.124104	0.012463433
14	rs10140997	0.0878136	0.125128	0.012463433
6	rs4959895	0.155914	0.201635	0.012476708
6	rs220749	0.338129	0.394162	0.012483351
14	rs7142493	0.323741	0.272232	0.012483351
16	rs2387823	0.397849	0.454731	0.012483351
7	rs2396971	0.399281	0.455897	0.012489998
7	rs17165701	0.347122	0.294719	0.012489998
1	rs1494461	0.268817	0.321866	0.012503302
13	rs1924575	0.0412186	0.0695534	0.012503302
5	rs2914908	0.526978	0.469475	0.012509959
14	rs17106805	0.057554	0.0896869	0.012509959
3	rs13089163	0.16065	0.122313	0.01251662
2	rs6741742	0.129496	0.171492	0.012529954
9	rs1390141	0.517921	0.461329	0.012529954
9	rs10156623	0.3213	0.270897	0.012536626
9	rs1467575	0.480216	0.424139	0.012536626
12	rs703664	0.0752688	0.111168	0.012536626
14	rs911664	0.446237	0.39029	0.012536626
4	rs12504652	0.24552	0.200205	0.012543302
9	rs7045097	0.379928	0.436011	0.012543302
2	rs17287105	0.292115	0.242589	0.012549981
5	rs6883816	0.25448	0.20802	0.012549981
7	rs2717829	0.129496	0.172296	0.012549981
10	rs2763336	0.442238	0.387108	0.012556664
11	rs4542391	0.268817	0.220538	0.012556664
5	rs4976373	0.222222	0.178353	0.012570041
11	rs11237896	0.155914	0.118699	0.012570041
10	rs11598684	0.34767	0.403308	0.012583433
13	rs9300690	0.548387	0.491635	0.012583433
16	rs154657	0.480287	0.42402	0.012583433
11	rs4307711	0.120072	0.160538	0.012596839
15	rs4886927	0.0770609	0.0514305	0.012596839
15	rs4775178	0.270609	0.323108	0.012603548
3	rs10513823	0.129032	0.0953354	0.012610261
10	rs2394276	0.473118	0.416809	0.012610261
11	rs1565760	0.375899	0.322086	0.012610261
17	rs4795781	0.181004	0.141323	0.012610261
11	SNP_A-4198403	0.145161	0.109348	0.012616977
18	rs1522723	0.317204	0.267303	0.012616977
9	rs2381635	0.526882	0.470518	0.012623696
20	rs6079637	0.231183	0.186138	0.012623696
2	rs939369	0.378136	0.324352	0.01263042
5	rs1428926	0.243728	0.294588	0.01263042
16	rs258590	0.306452	0.361622	0.01263042
8	rs7823086	0.290323	0.241062	0.012637147
9	rs1927105	0.130824	0.0970048	0.012637147
11	rs11039871	0.332734	0.387922	0.012637147

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
11	rs226151	0.510753	0.45408	0.012637147
5	rs3961976	0.0935252	0.131471	0.012643878
7	rs6962332	0.401079	0.346508	0.012643878
18	rs4940044	0.444444	0.389154	0.012643878
5	rs2061636	0.137184	0.102083	0.012650612
6	rs7751620	0.24552	0.199114	0.012650612
21	rs162355	0.16129	0.20785	0.012650612
5	rs10054104	0.0827338	0.11891	0.01265735
6	rs3131025	0.353047	0.300409	0.01265735
11	rs621381	0.456835	0.401296	0.01265735
3	rs10511359	0.274194	0.328109	0.012664092
8	rs12677146	0.392473	0.338446	0.012664092
11	rs6589086	0.396057	0.453306	0.012664092
3	rs4854872	0.0379061	0.0654477	0.012670838
19	rs3922314	0.469534	0.413288	0.012670838
1	rs875727	0.0719424	0.106948	0.012691096
15	rs4274405	0.286738	0.23842	0.012691096
1	rs7367700	0.519784	0.463323	0.012697857
4	rs10020542	0.114695	0.0830208	0.012697857
4	rs1125145	0.392473	0.449523	0.012697857
6	rs6901152	0.473118	0.417292	0.012704621
15	rs4340286	0.185921	0.234003	0.012704621
21	rs11088309	0.102888	0.141956	0.012704621
2	rs17022516	0.102151	0.14062	0.01271816
3	rs17568755	0.259928	0.212751	0.01271816
1	rs11579007	0.498195	0.441948	0.012724935
4	rs6857726	0.270609	0.222885	0.012724935
6	rs2216917	0.476703	0.421008	0.012724935
13	rs12428595	0.307554	0.257669	0.012724935
9	rs2812344	0.293907	0.347573	0.012731714
5	rs13328187	0.215054	0.264646	0.012738496
21	rs2826852	0.53405	0.477311	0.012738496
11	rs367164	0.318996	0.374404	0.012745283
8	rs7009173	0.155914	0.118569	0.012752073
22	rs6006733	0.388889	0.335493	0.012758866
1	rs1251551	0.315412	0.37061	0.01277927
9	rs10975552	0.32554	0.380594	0.01277927
16	rs4283241	0.412186	0.468984	0.01277927
22	rs16993099	0.0734767	0.0487057	0.01277927
5	rs6452631	0.265233	0.318724	0.012786078
13	rs1410113	0.532258	0.475264	0.012786078
5	rs16893106	0.0358423	0.0633084	0.012792891
12	rs11062038	0.340502	0.289142	0.012799707
11	rs12363571	0.365591	0.422029	0.012806527
9	rs4744020	0.30036	0.354344	0.01281335
13	rs2031295	0.206093	0.255203	0.01281335
1	rs7546563	0.335125	0.390119	0.012827008
1	rs10797964	0.34767	0.403473	0.012827008
4	rs7660140	0.100358	0.0708917	0.012833843
11	rs7947980	0.148746	0.112645	0.012833843
13	rs7323078	0.0304659	0.0564461	0.012833843
5	rs13165359	0.160072	0.122613	0.012840682

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs2765943	0.0719424	0.106303	0.012840682
7	rs1014547	0.510753	0.454685	0.012840682
4	rs9884587	0.222222	0.272139	0.01285437
13	rs9511813	0.396057	0.451992	0.01285437
13	rs11620370	0.342294	0.289806	0.01285437
14	rs11159510	0.228261	0.184264	0.01285437
20	rs2424494	0.387097	0.442419	0.01285437
3	rs1049296	0.215054	0.171832	0.012861219
7	rs3793299	0.283394	0.336571	0.012861219
2	rs2396500	0.528777	0.471711	0.012868073
7	rs17568303	0.18638	0.145585	0.012881791
8	rs16923447	0.157706	0.202726	0.012881791
6	rs151719	0.281362	0.23297	0.012888656
21	rs743466	0.102518	0.141297	0.012888656
1	rs12239580	0.329749	0.385048	0.012895524
6	rs9355850	0.172043	0.133367	0.012895524
11	rs882979	0.17446	0.220648	0.012895524
3	rs1436824	0.315412	0.369802	0.012902397
8	rs2898461	0.483871	0.428158	0.012902397
17	rs6502632	0.361511	0.308478	0.012902397
21	rs978008	0.476619	0.420102	0.012902397
1	rs4233125	0.543165	0.486726	0.012909273
6	rs12525800	0.55036	0.493861	0.012929923
11	rs3824946	0.302867	0.357654	0.012929923
3	rs9869179	0.27518	0.329243	0.012943709
3	rs7626385	0.510753	0.45377	0.012943709
17	rs4643387	0.362007	0.309134	0.012943709
4	rs1371774	0.249104	0.203199	0.012950608
10	rs16932781	0.129032	0.170923	0.012950608
11	rs643014	0.111111	0.080348	0.012950608
13	rs1536284	0.469534	0.413681	0.01295751
2	rs7587916	0.31769	0.372954	0.012964416
11	rs10832616	0.177419	0.224361	0.012964416
8	rs436753	0.179856	0.139857	0.012971326
15	rs7178422	0.397849	0.454174	0.012971326
2	SNP_A-1932873	0.173835	0.220879	0.01297824
2	rs9808497	0.18638	0.233992	0.01297824
18	rs9959663	0.473118	0.416695	0.012985158
2	rs1971877	0.306452	0.256725	0.012992079
1	rs10908528	0.245487	0.199897	0.012999004
2	rs11125555	0.292115	0.243699	0.012999004
1	rs2992650	0.366426	0.422014	0.013005933
6	rs3117039	0.360215	0.416553	0.013012866
8	rs17748677	0.143369	0.186882	0.013012866
8	rs10109232	0.0663082	0.0991468	0.013012866
19	rs11668892	0.365591	0.420784	0.013012866
2	rs1020678	0.302867	0.35668	0.013019803
9	rs7019439	0.11828	0.159973	0.013019803
4	rs2196983	0.322581	0.272139	0.013026743
3	rs12638937	0.0519713	0.0829642	0.013033687
3	rs1354211	0.318841	0.373765	0.013033687
22	rs9613476	0.193548	0.152366	0.013040635

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs9294327	0.114695	0.0829642	0.013047587
4	rs4234981	0.418773	0.475988	0.013054542
9	rs260221	0.34767	0.29588	0.013061502
8	rs890315	0.4319	0.375937	0.013068465
7	rs6463750	0.374552	0.321477	0.013075432
7	rs887822	0.23741	0.288855	0.013075432
18	rs11151159	0.145683	0.190225	0.013075432
6	rs794100	0.169675	0.130887	0.013089377
6	rs9503735	0.327957	0.277078	0.013096356
13	rs9562532	0.274368	0.226389	0.013096356
15	rs7163029	0.0770609	0.0514831	0.013096356
6	rs515259	0.25	0.203488	0.013103338
6	rs760855	0.356631	0.304229	0.013110324
14	rs17442995	0.175627	0.222846	0.013110324
4	rs7659988	0.27957	0.332822	0.013117314
9	rs4978098	0.170251	0.131131	0.013117314
22	rs4838823	0.27957	0.231674	0.013117314
2	rs12467460	0.25	0.302587	0.013124308
12	rs7305621	0.418773	0.363032	0.013131306
6	rs17058533	0.16129	0.123505	0.013138307
13	rs8001140	0.333333	0.38796	0.013145312
7	rs10274515	0.419355	0.364828	0.013152321
11	rs12283211	0.274194	0.226422	0.013159334
15	rs2679098	0.22043	0.177842	0.013159334
3	rs1375832	0.272401	0.224685	0.013173372
10	rs12776743	0.139785	0.104528	0.013180396
11	rs1567352	0.376344	0.322998	0.013180396
1	rs4911997	0.429856	0.374829	0.013187425
2	rs13012745	0.102888	0.141397	0.013194457
2	rs12477902	0.146953	0.190996	0.013194457
5	rs10900751	0.311828	0.261263	0.013194457
9	rs11138278	0.204301	0.162121	0.013201493
12	rs12296857	0.0681004	0.101294	0.013208533
15	rs2245899	0.369176	0.424599	0.013208533
18	rs2219281	0.494624	0.438181	0.013208533
18	rs8092980	0.28777	0.23936	0.013215577
4	rs1983212	0.458781	0.40283	0.013222624
1	rs1329125	0.375899	0.322427	0.013229676
8	rs10958095	0.293478	0.347284	0.013229676
10	rs2394277	0.473118	0.41715	0.013229676
17	rs1561902	0.378136	0.434004	0.013229676
13	rs2002748	0.161871	0.124275	0.013236731
13	rs4771391	0.385305	0.332083	0.013243791
3	rs6781474	0.182796	0.230429	0.013250854
9	rs7850497	0.378136	0.433686	0.013250854
5	rs17141409	0.315412	0.265108	0.013257921
2	rs13002945	0.173835	0.220688	0.013272066
3	rs1913295	0.229391	0.279993	0.013272066
8	rs983270	0.134409	0.10017	0.013272066
5	rs294041	0.15343	0.199353	0.013279145
16	rs16954729	0.172043	0.133527	0.013279145
1	rs10911042	0.405018	0.461001	0.013286227

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs3748872	0.387097	0.333504	0.013286227
4	rs4860767	0.155914	0.118812	0.013286227
5	rs702085	0.491007	0.433834	0.013286227
10	rs1915429	0.324373	0.273099	0.013286227
17	rs806941	0.399642	0.344857	0.013286227
6	rs587437	0.34767	0.402967	0.013293314
8	rs13282410	0.202509	0.251875	0.013293314
12	rs10161245	0.411871	0.358507	0.013293314
16	rs8055236	0.15233	0.197785	0.013293314
17	rs8075374	0.147482	0.111452	0.013293314
5	rs1154758	0.395683	0.451415	0.013300404
13	rs1104539	0.344086	0.292816	0.013300404
5	rs294143	0.076087	0.0509543	0.013307498
15	rs2239994	0.134058	0.0990791	0.013307498
12	rs10506250	0.166667	0.212338	0.013314596
17	rs11080277	0.354839	0.303066	0.013314596
9	rs7874261	0.263441	0.216474	0.013321698
7	rs12673136	0.311828	0.366951	0.013328804
13	rs1337276	0.342294	0.396593	0.013335914
3	rs2196427	0.523297	0.46661	0.013343028
17	rs4969183	0.53405	0.47735	0.013343028
19	rs12710309	0.111111	0.0801839	0.013343028
13	rs9513027	0.16129	0.207425	0.013350145
21	rs9974455	0.263441	0.315395	0.013357267
3	rs11714658	0.322581	0.377301	0.013364392
6	rs6902173	0.546595	0.49081	0.013364392
7	rs10245818	0.213262	0.170698	0.013364392
11	rs11604455	0.0809353	0.116303	0.013371521
2	rs12478788	0.238351	0.288632	0.013378654
3	rs4600836	0.194245	0.152877	0.013378654
2	rs10495701	0.115108	0.0832766	0.013392932
11	rs4601750	0.310036	0.259973	0.013392932
8	rs12682345	0.330935	0.279632	0.013400077
16	rs8043793	0.44964	0.39506	0.013400077
5	rs211001	0.191756	0.23936	0.013407226
17	rs7212961	0.202509	0.160416	0.013407226
2	rs17032064	0.197133	0.155824	0.013414379
2	rs16824247	0.420863	0.36653	0.013414379
5	SNP_A-1980406	0.374101	0.321185	0.013414379
9	rs16907484	0.136201	0.102044	0.013414379
5	rs10940327	0.435018	0.492339	0.013421536
8	rs6984857	0.505396	0.449438	0.013421536
17	rs4924832	0.361511	0.308728	0.013421536
4	rs12054628	0.125448	0.167007	0.013443029
6	rs9343942	0.267025	0.219687	0.013443029
2	rs2246050	0.235612	0.190996	0.013450202
3	rs10935649	0.402878	0.458433	0.013450202
13	rs9544109	0.252708	0.304608	0.013450202
5	rs11242337	0.449458	0.393769	0.013457378
11	SNP_A-1865513	0.216846	0.266519	0.013457378
2	rs13387608	0.350719	0.405535	0.013464558
4	rs1396691	0.0985663	0.136457	0.013471743

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs6437123	0.299283	0.352641	0.013478931
5	rs463102	0.152878	0.198432	0.013478931
7	rs2024235	0.203237	0.160976	0.013478931
2	rs2166906	0.173835	0.220613	0.013493319
18	rs7228353	0.270609	0.322828	0.013493319
6	rs1150644	0.302867	0.253917	0.013500519
6	rs659675	0.255396	0.307364	0.013500519
8	rs16904944	0.145683	0.189932	0.013507723
9	rs869563	0.318345	0.268746	0.013507723
17	rs12952920	0.191756	0.151329	0.013507723
1	rs900890	0.296763	0.350375	0.013514931
5	rs387238	0.491007	0.434745	0.013522143
9	rs1593270	0.0748175	0.109764	0.013522143
1	rs7417430	0.357401	0.30494	0.013529358
5	rs257796	0.47482	0.419305	0.013529358
5	rs17798594	0.0448029	0.0737649	0.013529358
1	rs1032534	0.0519713	0.0831346	0.013536578
3	rs1394597	0.274194	0.327704	0.013536578
10	rs7911065	0.399281	0.455832	0.013536578
14	rs912343	0.229391	0.185261	0.013536578
18	rs4796972	0.261649	0.214749	0.013536578
2	rs7607596	0.157706	0.120913	0.013543802
8	rs3898982	0.190647	0.150102	0.013543802
10	rs7075861	0.302867	0.35746	0.01355103
15	rs3743046	0.395307	0.451228	0.01355103
18	rs12455715	0.123656	0.165075	0.01355103
2	rs1364648	0.297834	0.247866	0.013558261
4	SNP_A-1941634	0.250903	0.30256	0.013558261
3	rs4688658	0.131295	0.173476	0.013572737
12	rs7960515	0.482014	0.426014	0.013572737
1	rs7512365	0.196043	0.244127	0.01357998
3	rs4686228	0.415771	0.361035	0.013587228
8	rs1660333	0.444444	0.390252	0.013616258
15	rs4776065	0.242806	0.293286	0.013616258
3	rs7622435	0.465827	0.410672	0.013630797
12	rs7397851	0.146953	0.111395	0.013630797
20	rs2425530	0.116487	0.156719	0.013630797
6	rs9503015	0.444444	0.389816	0.013638072
18	rs12964110	0.145161	0.188862	0.013638072
2	rs17451360	0.172662	0.133231	0.013645352
6	rs10485355	0.148746	0.192216	0.013652635
10	rs1007740	0.473118	0.417405	0.013652635
16	rs2967134	0.111111	0.151175	0.013652635
8	rs746917	0.11828	0.158603	0.013667214
9	rs2027383	0.263441	0.216672	0.013667214
5	rs6450151	0.435484	0.492499	0.013674509
20	rs6100856	0.268817	0.222317	0.013674509
4	rs10517464	0.183453	0.230664	0.013681809
8	rs7816535	0.224014	0.180266	0.013681809
13	rs9285282	0.206093	0.254682	0.013681809
16	rs7198299	0.22043	0.270344	0.013689112
1	rs12759145	0.424731	0.370358	0.01369642

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs1002666	0.193141	0.24165	0.01369642
15	rs4603514	0.333333	0.282527	0.013703731
16	rs1651189	0.422939	0.368906	0.013703731
14	rs4902904	0.362007	0.417971	0.013718366
11	rs10734562	0.204301	0.2523	0.01372569
6	rs583072	0.491039	0.434753	0.013733017
12	rs7310555	0.259928	0.213456	0.013733017
16	rs8060234	0.508961	0.452965	0.013740349
11	rs7104221	0.312274	0.26253	0.013747685
5	rs2069662	0.0358423	0.0627986	0.013755024
6	rs706216	0.249104	0.202997	0.013755024
6	rs2206980	0.527076	0.4712	0.013755024
22	rs1115764	0.224014	0.180702	0.013755024
5	rs7701403	0.285971	0.237398	0.013762368
5	rs11242245	0.353047	0.301262	0.013762368
16	rs1477389	0.258065	0.310415	0.013762368
3	rs6806186	0.492806	0.436094	0.013769716
4	SNP_A-2152782	0.120072	0.160873	0.013769716
5	rs2290697	0.435484	0.492502	0.013769716
18	rs1157104	0.151079	0.195334	0.013769716
1	rs11265455	0.115942	0.156816	0.013777067
3	rs233164	0.140794	0.184219	0.013777067
3	rs17041614	0.0519713	0.0826798	0.013784423
18	rs4891961	0.0899281	0.126576	0.013784423
5	rs308271	0.224014	0.179898	0.013791783
11	rs12221729	0.181004	0.227924	0.013791783
12	rs11059508	0.150538	0.19486	0.013799147
18	rs9304421	0.362007	0.30984	0.013799147
18	rs4892037	0.181004	0.227954	0.013799147
17	rs4795658	0.242806	0.197991	0.013806515
21	rs11088696	0.322581	0.272541	0.013813887
1	rs235487	0.354317	0.302726	0.013821263
20	rs6027495	0.265233	0.219027	0.013821263
4	rs2681339	0.102888	0.0728172	0.013828643
14	rs10873339	0.378136	0.325665	0.013828643
2	rs901466	0.270609	0.223415	0.013836027
18	rs637828	0.408602	0.464894	0.013836027
5	rs1433608	0.200717	0.159176	0.013843415
3	rs6803572	0.140288	0.104993	0.013850807
8	rs16923480	0.157706	0.202146	0.013858203
11	rs1519073	0.222222	0.271876	0.013858203
6	rs7741196	0.548561	0.492667	0.013865604
12	rs11057572	0.0412186	0.0691417	0.013865604
1	rs4501824	0.412186	0.468835	0.013873008
5	rs10454920	0.311828	0.261864	0.013873008
11	rs170487	0.494624	0.438629	0.013873008
12	rs7967289	0.165468	0.211172	0.013873008
4	rs1495607	0.197133	0.244543	0.013887829
2	rs10173261	0.0770609	0.0515358	0.013895246
12	rs4759490	0.384892	0.440745	0.013895246
22	rs1569437	0.390681	0.337935	0.013895246
22	rs4838832	0.27957	0.232119	0.013895246

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs9518494	0.548387	0.492337	0.013902666
7	rs765855	0.290323	0.343164	0.013910091
2	rs6705692	0.143369	0.187372	0.01391752
10	rs686441	0.353791	0.409401	0.01391752
2	rs11886734	0.179211	0.225477	0.013924953
5	rs1989919	0.263441	0.217058	0.013924953
7	rs1030268	0.214801	0.264585	0.013924953
2	rs4614937	0.232014	0.282253	0.01393239
2	rs7577417	0.198925	0.157464	0.01393239
4	rs17375440	0.256272	0.210221	0.01393239
6	rs973093	0.256272	0.307981	0.01393239
4	rs6824459	0.284946	0.338215	0.013939831
6	rs794602	0.138489	0.181538	0.013939831
20	rs6081362	0.318996	0.268733	0.013939831
20	rs2425754	0.184116	0.144001	0.013939831
20	rs6027497	0.265233	0.21908	0.013947276
6	rs11154581	0.0899281	0.0621382	0.013954726
6	SNP_A-4293886	0.112903	0.081716	0.013962179
16	rs9929165	0.358423	0.306446	0.013962179
5	rs10039805	0.512545	0.457226	0.013969636
8	rs1788174	0.446043	0.39192	0.013969636
8	rs6989968	0.435484	0.380457	0.013969636
21	rs2830909	0.143885	0.187415	0.013969636
7	SNP_A-2253825	0.143369	0.186605	0.013984564
11	rs10500830	0.177419	0.223792	0.013984564
2	rs4669550	0.129032	0.170657	0.013992033
5	rs30466	0.401434	0.348449	0.013992033
5	rs620498	0.197133	0.156335	0.013992033
13	rs7986101	0.397849	0.344986	0.013992033
12	rs1530833	0.265233	0.218889	0.013999507
18	rs12606011	0.285199	0.338501	0.013999507
2	rs4973006	0.545126	0.488745	0.014006985
11	rs609996	0.378136	0.324821	0.014006985
22	rs135826	0.150538	0.114598	0.014006985
4	rs6855295	0.498201	0.441567	0.014021954
8	rs1660351	0.446237	0.39226	0.014021954
13	rs2018051	0.164875	0.127257	0.014021954
1	rs1687064	0.231183	0.187073	0.014036938
5	rs10075735	0.446237	0.390897	0.014036938
2	rs1961609	0.102888	0.0732289	0.014044437
4	rs10024026	0.242806	0.197548	0.01405194
8	rs10101449	0.363799	0.419052	0.01405194
21	rs462840	0.18638	0.233651	0.01405194
22	rs6006743	0.390681	0.33799	0.01405194
1	rs2794600	0.252688	0.206233	0.014059446
9	rs3808709	0.250896	0.301941	0.014059446
3	rs6549953	0.546595	0.49046	0.014066957
22	rs2015453	0.284946	0.237138	0.014066957
3	rs3804859	0.173835	0.135356	0.014074472
8	rs2736340	0.293165	0.244884	0.014074472
8	rs10086522	0.240143	0.290729	0.014074472
18	rs6567247	0.358423	0.414651	0.014074472

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs9838594	0.258993	0.21256	0.014081992
1	rs638425	0.200717	0.159905	0.014089515
4	rs1595856	0.240143	0.195297	0.014089515
5	rs12332549	0.163082	0.125427	0.014097042
1	rs7555906	0.543011	0.487394	0.014104574
5	rs7733275	0.0394265	0.0671667	0.014104574
5	SNP_A-2196258	0.0394265	0.0672455	0.014104574
9	rs10756904	0.18638	0.233549	0.014104574
1	rs2814091	0.284946	0.236726	0.01411211
11	rs11212474	0.159498	0.122271	0.01411211
13	rs12430992	0.120072	0.161164	0.01411211
1	rs4532841	0.121864	0.163314	0.01411965
11	rs7949294	0.379496	0.325708	0.01411965
14	rs986055	0.378136	0.325843	0.01411965
6	rs1145908	0.394265	0.340436	0.014127194
8	rs12680762	0.320789	0.271253	0.014127194
7	rs10261581	0.205036	0.162973	0.014134742
9	rs11792190	0.234767	0.286055	0.014134742
3	rs2921253	0.389892	0.336689	0.014142294
3	rs2724721	0.17446	0.135481	0.014142294
1	rs10911813	0.448029	0.503575	0.014149851
4	rs1483597	0.241935	0.197718	0.014157411
22	rs9621489	0.285971	0.23838	0.014157411
1	rs6424722	0.303957	0.254859	0.014164976
18	rs12963193	0.38172	0.328907	0.014164976
5	rs7703380	0.0830325	0.118179	0.014172545
11	rs1468291	0.433692	0.379475	0.014172545
12	rs1400062	0.329749	0.278384	0.014172545
9	rs12555267	0.0935252	0.13131	0.014180118
14	rs17185050	0.12724	0.093654	0.014180118
4	rs4639051	0.196043	0.154908	0.014187695
8	rs7825551	0.253597	0.207525	0.014195277
4	rs4399974	0.0701439	0.103996	0.014202862
2	rs16825226	0.135379	0.178316	0.014210452
16	rs8048917	0.25448	0.305774	0.014210452
6	rs10807357	0.242806	0.197238	0.014218046
12	rs2888896	0.329749	0.383709	0.014218046
3	rs2677219	0.426259	0.372435	0.014225644
13	rs4415922	0.234767	0.190354	0.014233246
7	rs4074826	0.129032	0.170137	0.014240853
10	rs10879	0.366906	0.314568	0.014240853
11	rs1955024	0.335125	0.389267	0.014240853
3	rs4685835	0.057554	0.0888662	0.014248464
4	rs10023943	0.476619	0.420784	0.014248464
1	rs3753737	0.263441	0.315663	0.014256079
2	rs2714302	0.408602	0.355196	0.014256079
2	rs10180047	0.232014	0.187798	0.014256079
4	rs2168907	0.251799	0.205902	0.014256079
6	rs4959501	0.271583	0.225145	0.014256079
1	rs4927247	0.380866	0.436989	0.014271321
18	rs2117200	0.151625	0.195741	0.014271321
21	rs459090	0.181004	0.227598	0.014271321

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
15	rs2929639	0.494604	0.438055	0.014278948
19	rs8111575	0.366906	0.421412	0.01428658
15	rs289161	0.0752688	0.0505963	0.014301856
18	rs12963714	0.38172	0.328907	0.014301856
3	rs715882	0.106115	0.0759278	0.0143095
17	rs3862148	0.203237	0.162005	0.0143095
6	rs4946847	0.078853	0.113667	0.014317148
7	rs7791650	0.139785	0.183014	0.014317148
1	rs12080175	0.303249	0.254263	0.014324801
12	rs6488258	0.154122	0.117206	0.014324801
5	rs10065459	0.267025	0.318352	0.014332458
6	rs182791	0.249104	0.203269	0.014332458
11	rs16917433	0.141577	0.106339	0.014332458
11	rs10501441	0.109319	0.148382	0.014332458
16	rs7188458	0.413978	0.469847	0.014332458
5	rs6882638	0.268116	0.320443	0.014340119
8	rs6995242	0.382671	0.330208	0.014340119
16	rs2967162	0.258065	0.212751	0.014340119
3	rs1488135	0.120072	0.160708	0.014347784
4	rs230500	0.40681	0.353733	0.014347784
17	rs10432016	0.521661	0.466246	0.014347784
20	rs13044720	0.206835	0.164736	0.014347784
13	rs2083547	0.206093	0.254341	0.014355454
17	rs6504617	0.145161	0.188798	0.014355454
2	rs1405799	0.147482	0.191061	0.014363127
3	rs10936611	0.378136	0.325894	0.014363127
10	rs2918091	0.154122	0.117757	0.014363127
1	rs1166928	0.277778	0.230324	0.014370805
20	rs7269295	0.0591398	0.0908626	0.014370805
15	rs2016840	0.223022	0.272495	0.014386174
18	rs949025	0.176895	0.223513	0.014386174
2	rs13005482	0.406475	0.462534	0.014393864
4	rs17037141	0.0985663	0.0697754	0.014393864
9	rs3001093	0.258065	0.309054	0.014393864
9	rs12344392	0.112903	0.152456	0.014393864
18	rs9955192	0.249104	0.204615	0.014393864
4	rs594497	0.114695	0.0835322	0.014401559
11	rs586026	0.386282	0.441377	0.014401559
1	rs6541402	0.408273	0.354025	0.014409258
3	rs2734350	0.28777	0.240116	0.014409258
17	rs8073001	0.426523	0.371847	0.014409258
15	rs12900605	0.410394	0.465723	0.014416962
1	rs4636424	0.20471	0.163147	0.014424669
18	rs9961629	0.182796	0.143684	0.014424669
3	rs4626115	0.193548	0.152759	0.014432381
4	rs908531	0.295699	0.349387	0.014432381
9	rs16934170	0.192446	0.151862	0.014432381
7	rs2215564	0.0896057	0.126746	0.014440097
10	rs12773730	0.181004	0.227428	0.014447817
7	rs1882094	0.350719	0.3	0.014455542
13	rs7336943	0.206093	0.25426	0.014455542
14	rs847318	0.331541	0.385598	0.014455542

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
20	rs6134689	0.0591398	0.0908316	0.014455542
12	rs17109924	0.099278	0.0700887	0.014463271
6	rs9370893	0.318996	0.270003	0.014471004
7	rs6969323	0.272401	0.22529	0.014471004
12	rs16919295	0.293165	0.345879	0.014471004
2	rs556650	0.253597	0.208149	0.014478741
2	rs6704641	0.136201	0.178998	0.014478741
3	rs163967	0.125448	0.166553	0.014486483
3	rs16861123	0.358423	0.306841	0.014486483
17	rs9303298	0.206835	0.164395	0.014486483
4	rs10001127	0.114695	0.0835037	0.014494228
16	rs9939575	0.0376344	0.0645436	0.014494228
17	rs2955384	0.360215	0.308177	0.014494228
3	rs1488795	0.326165	0.276567	0.014501978
13	rs5005836	0.33213	0.281165	0.014501978
2	rs4552196	0.170251	0.21594	0.014509733
4	rs2728113	0.138489	0.103748	0.014509733
1	rs2281870	0.0752688	0.0504431	0.014517491
2	rs5011376	0.323741	0.377342	0.014517491
11	rs11030552	0.219424	0.269533	0.014517491
2	rs6741926	0.157706	0.121212	0.014525254
4	rs221592	0.130824	0.097615	0.014525254
1	rs17160305	0.184588	0.144486	0.014533021
18	rs2850280	0.397849	0.345656	0.014533021
18	rs17775161	0.505376	0.450256	0.014533021
16	rs1389529	0.0322581	0.0582624	0.014540793
2	rs7421696	0.17446	0.220804	0.014548569
11	SNP_A-2044755	0.216846	0.265918	0.014548569
1	SNP_A-2045577	0.377698	0.325094	0.014556349
1	rs1337071	0.125899	0.092952	0.014564133
10	rs721033	0.417563	0.364658	0.014564133
2	rs10211389	0.229391	0.27861	0.014579714
6	rs10945767	0.445848	0.501874	0.014579714
12	rs12312130	0.146953	0.111869	0.014579714
13	rs4374035	0.149281	0.112892	0.014579714
2	rs13396831	0.252688	0.207296	0.014587511
2	rs1861985	0.15233	0.196489	0.014587511
18	rs12962942	0.38172	0.329131	0.014587511
3	rs6803293	0.394265	0.449881	0.014595313
20	rs1009737	0.195341	0.154778	0.014595313
8	rs10504506	0.322464	0.272727	0.014603118
2	rs4670214	0.156475	0.120096	0.014610928
5	rs730781	0.405018	0.460607	0.014618743
11	rs11028973	0.09319	0.129901	0.014626561
5	rs160061	0.550179	0.494037	0.014634384
6	rs681502	0.494624	0.439755	0.014634384
11	rs12804856	0.111511	0.0805792	0.014634384
1	rs7555443	0.401434	0.348604	0.014642212
2	rs10195937	0.0377698	0.0648022	0.014642212
6	rs10498942	0.202509	0.161158	0.014642212
14	rs8019504	0.403636	0.458972	0.014642212
4	rs1597977	0.272401	0.3238	0.014650043

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs1384762	0.183453	0.230454	0.014657879
7	rs10486881	0.236559	0.192203	0.014657879
22	rs460106	0.336331	0.285422	0.014657879
4	rs4469035	0.12724	0.16888	0.014673564
10	rs7915235	0.133094	0.0993863	0.014673564
17	rs12451246	0.150538	0.114427	0.014673564
20	rs11697918	0.501792	0.446038	0.014673564
4	rs869537	0.295699	0.349233	0.014689266
16	rs7189213	0.469534	0.415332	0.014689266
17	rs2108978	0.437276	0.382543	0.014689266
18	rs12458006	0.301075	0.353683	0.014704985
8	rs16921974	0.132616	0.0992847	0.014712851
6	rs9387156	0.249104	0.299557	0.014720721
19	rs724637	0.120072	0.0881651	0.014720721
4	rs2351299	0.132616	0.174224	0.014728596
1	rs6704014	0.390681	0.337308	0.014736475
12	rs10902450	0.435252	0.490119	0.014736475
22	rs16979684	0.320789	0.270819	0.014736475
6	rs3800184	0.136201	0.10201	0.014744359
18	rs6507110	0.137184	0.179959	0.014744359
20	rs6055877	0.239209	0.194993	0.014744359
10	rs11001444	0.073741	0.108436	0.014752246
12	rs7980996	0.27957	0.232289	0.014752246
14	rs2681749	0.358423	0.41314	0.014752246
14	rs8015982	0.203971	0.251703	0.014752246
4	rs4859932	0.161871	0.124488	0.014760139
11	rs11237911	0.154676	0.118399	0.014760139
2	rs9808365	0.386691	0.333731	0.014768035
8	rs4075826	0.247292	0.201635	0.014783841
9	rs7863152	0.123656	0.164113	0.014783841
10	rs2696309	0.238351	0.288416	0.014783841
16	rs7197247	0.202509	0.161208	0.014783841
1	rs17111725	0.289568	0.242594	0.014791751
2	rs4538209	0.172662	0.218579	0.014799665
4	rs11100897	0.410394	0.466451	0.014799665
6	rs6457873	0.23741	0.28744	0.014799665
12	rs7967313	0.265233	0.219271	0.014799665
17	rs691127	0.218638	0.17628	0.014807583
11	rs10838923	0.157706	0.201294	0.014815505
1	rs17160264	0.163082	0.12517	0.014823432
12	rs11182402	0.0681004	0.100545	0.014823432
1	rs11203367	0.458781	0.404397	0.014831364
1	rs563768	0.330935	0.385075	0.014831364
5	rs7726671	0.334532	0.283719	0.014839299
6	rs2057350	0.374552	0.323399	0.014839299
10	rs6602099	0.181655	0.227878	0.014839299
10	rs881631	0.123656	0.165188	0.014839299
18	rs7239312	0.293907	0.247013	0.014855184
6	rs1474986	0.107914	0.0773688	0.014863133
7	rs10231898	0.422662	0.478868	0.014879044
5	rs4867709	0.249104	0.204468	0.014887006
9	rs4979248	0.148746	0.113211	0.014887006

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
12	rs10841413	0.413669	0.468825	0.014887006
14	rs10150189	0.09319	0.130746	0.014887006
1	rs2201848	0.327957	0.382022	0.014894972
1	rs2644454	0.0519713	0.0825672	0.014894972
6	rs12663742	0.417266	0.363884	0.014894972
8	rs17732043	0.141577	0.106474	0.014894972
17	rs7226127	0.0519713	0.0819142	0.014894972
2	rs2385394	0.428058	0.373551	0.014902943
18	rs680253	0.410394	0.46611	0.014902943
21	rs2834976	0.119565	0.160116	0.014902943
4	rs2075094	0.073741	0.0495572	0.014910918
13	rs7322477	0.236559	0.192268	0.014910918
8	rs4840510	0.0773381	0.112001	0.014918898
3	rs1995395	0.402878	0.457936	0.014926882
6	rs9472250	0.456679	0.402759	0.014926882
1	rs10798036	0.447842	0.503064	0.01493487
2	rs6436328	0.102518	0.14062	0.01493487
3	rs1436826	0.317204	0.37049	0.01493487
5	rs245466	0.0878136	0.0612837	0.01493487
11	rs595102	0.270758	0.322938	0.01493487
18	rs8093493	0.111111	0.0804637	0.01493487
12	rs10850556	0.519713	0.464018	0.014942863
1	rs2935	0.148551	0.11259	0.014966867
12	rs11044375	0.209677	0.167578	0.014966867
17	rs7225332	0.464158	0.410702	0.014966867
2	rs17532798	0.120504	0.160873	0.014974878
10	rs6583967	0.231183	0.28192	0.014990912
11	rs12362371	0.216606	0.265609	0.014990912
18	rs4940851	0.340502	0.393893	0.014990912
18	rs7245110	0.170251	0.131937	0.014998935
18	rs4797330	0.209677	0.258092	0.014998935
2	rs7558379	0.304659	0.357898	0.015006963
12	rs11049684	0.351254	0.300579	0.015006963
18	rs1893799	0.284946	0.337474	0.015006963
2	rs1427604	0.304659	0.3578	0.015014996
14	rs12892499	0.166667	0.128659	0.015014996
16	rs13335964	0.09319	0.0652915	0.015014996
3	rs1456116	0.510753	0.455381	0.015031074
22	rs136382	0.213262	0.171268	0.01503912
4	rs7680340	0.256272	0.210679	0.01504717
6	rs4538755	0.451264	0.396287	0.01504717
6	rs973094	0.256272	0.307325	0.01504717
6	rs971215	0.385305	0.441357	0.01504717
12	rs10507120	0.342294	0.396628	0.01504717
17	rs203466	0.437276	0.382754	0.01504717
12	rs2110073	0.0591398	0.090273	0.015055225
1	rs899380	0.0949821	0.0666099	0.015063284
10	rs10762521	0.433453	0.379387	0.015071347
12	rs1382635	0.4319	0.486887	0.015071347
2	rs17733015	0.315884	0.266724	0.015079415
9	rs7037490	0.202509	0.160933	0.015079415
18	rs8085955	0.329749	0.383606	0.015079415

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs4864540	0.228417	0.278024	0.015087488
11	rs10831988	0.550179	0.494549	0.015087488
14	rs11159509	0.228417	0.1855	0.015087488
3	rs2886242	0.0917266	0.12807	0.015103646
13	rs7992504	0.370968	0.318863	0.015103646
15	rs2292547	0.246403	0.296555	0.015111732
7	rs2051750	0.175627	0.220708	0.015119822
8	rs455071	0.173835	0.135466	0.015127917
2	rs6430411	0.295699	0.348722	0.01514412
3	rs6780434	0.0394265	0.0668258	0.01514412
6	rs9372118	0.431655	0.377729	0.015152228
7	rs523343	0.523297	0.467121	0.015152228
7	rs622671	0.523297	0.467132	0.015152228
10	rs1992625	0.164875	0.20971	0.015152228
20	rs1475232	0.0863309	0.122487	0.015152228
3	rs7623989	0.195341	0.242765	0.01516034
9	rs7021289	0.308244	0.259877	0.01516034
5	rs159969	0.224014	0.180456	0.015176579
5	rs7702763	0.192446	0.238938	0.015176579
6	rs531173	0.22043	0.269401	0.015176579
4	rs9995611	0.0842294	0.120102	0.015184705
4	rs12651625	0.113309	0.0824813	0.015184705
6	rs9388752	0.318996	0.269676	0.015184705
3	rs1349607	0.271583	0.224778	0.015192835
8	rs1788173	0.446237	0.392881	0.015192835
5	rs245467	0.0878136	0.061287	0.01520097
9	rs2377423	0.261649	0.215917	0.01520911
1	rs10915692	0.198925	0.157975	0.015217254
2	rs1474052	0.386691	0.334072	0.015225402
3	rs1802481	0.394265	0.449063	0.015225402
4	rs7667341	0.0985663	0.0700409	0.015225402
6	rs977674	0.299283	0.35218	0.015225402
8	rs7004990	0.412186	0.467791	0.015225402
13	rs1753738	0.243728	0.199762	0.015241713
2	rs10803535	0.193548	0.240716	0.015266212
5	rs2973869	0.458633	0.404339	0.015266212
6	rs1794856	0.44964	0.394549	0.015266212
1	rs2012235	0.324373	0.274727	0.015274387
4	rs13118541	0.487455	0.432879	0.015274387
12	rs6488494	0.410072	0.464882	0.015274387
5	rs11956132	0.267025	0.31846	0.015290752
7	rs799580	0.462366	0.408101	0.015290752
1	rs953654	0.526882	0.472402	0.015298941
1	rs2120434	0.353791	0.40824	0.015298941
2	rs10190015	0.218638	0.175777	0.015298941
7	rs4726747	0.073741	0.0493701	0.015298941
21	rs2837132	0.170251	0.215235	0.015298941
1	rs6676840	0.390681	0.337538	0.015307134
2	rs6757233	0.332734	0.283401	0.015307134
5	rs17209947	0.155914	0.119332	0.015307134
9	rs17259739	0.351254	0.405963	0.015307134
18	rs2712735	0.28853	0.240545	0.015307134

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs16896096	0.234657	0.284691	0.015323535
6	rs2608912	0.258065	0.212534	0.015323535
1	rs6663223	0.314748	0.265066	0.015331742
3	rs7427456	0.329749	0.279066	0.015331742
2	rs4849404	0.159498	0.204329	0.015339953
7	rs1435534	0.281362	0.234503	0.015339953
1	rs17038321	0.115108	0.0837875	0.01534817
7	rs6963945	0.492806	0.4375	0.01534817
17	rs171440	0.408602	0.46493	0.01534817
1	rs6702367	0.107914	0.147039	0.01535639
6	rs9294116	0.482079	0.427062	0.01535639
11	rs10838954	0.335125	0.388699	0.01535639
2	rs11685807	0.283154	0.235765	0.015364615
9	rs1041174	0.044964	0.0732332	0.015364615
14	rs10145503	0.16426	0.209286	0.015364615
4	rs10011322	0.130824	0.172061	0.015372845
10	rs2688749	0.413669	0.469645	0.015381079
16	rs2086824	0.516129	0.460423	0.015381079
1	rs585315	0.253597	0.304799	0.015389318
12	rs4313630	0.0359712	0.0623935	0.015389318
2	rs3769745	0.249097	0.204499	0.015397562
2	rs314709	0.125448	0.165415	0.015397562
10	rs10999905	0.12724	0.0941237	0.015397562
21	rs11088595	0.267025	0.318275	0.015397562
6	rs2282237	0.236559	0.286201	0.015405809
19	rs7254891	0.516129	0.460688	0.015405809
1	rs10918732	0.125448	0.092845	0.015414062
9	rs3808747	0.104317	0.142906	0.015414062
21	rs2830117	0.0949821	0.131597	0.015414062
1	rs17131041	0.0412186	0.0683834	0.015430581
8	rs901172	0.31362	0.367201	0.015438847
10	rs10824538	0.0842294	0.0582906	0.015438847
13	rs7993642	0.206093	0.253749	0.015438847
2	rs1858308	0.34767	0.296966	0.015463672
6	rs2150232	0.08	0.115188	0.015463672
6	rs2621384	0.44086	0.386751	0.015463672
7	rs12534697	0.09319	0.129522	0.015463672
22	rs450975	0.350719	0.299386	0.015463672
1	rs10801772	0.392473	0.340273	0.015471957
5	rs6450868	0.395683	0.451124	0.015471957
15	rs11635754	0.252708	0.30359	0.015471957
22	rs2587108	0.438849	0.384458	0.015471957
5	rs9293194	0.47491	0.421322	0.015480246
17	rs119672	0.437276	0.382924	0.015480246
19	rs3752135	0.123656	0.163881	0.015480246
7	rs6979375	0.304659	0.255973	0.015488539
11	rs10501559	0.318996	0.269165	0.015488539
20	rs2206920	0.129032	0.0960818	0.015488539
1	rs2647389	0.102151	0.139551	0.015496837
4	rs1866497	0.100719	0.138671	0.015496837
22	rs3788483	0.456835	0.402451	0.015496837
4	rs1879827	0.17446	0.220327	0.015513447

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
15	rs11071467	0.227599	0.184435	0.015513447
6	rs2478228	0.0734767	0.106912	0.015521759
11	rs11040428	0.374552	0.428523	0.015521759
12	rs3818343	0.113309	0.0828503	0.015521759
20	rs6097782	0.103943	0.142541	0.015521759
4	rs17225222	0.057554	0.0884157	0.015530076
9	rs4880142	0.268817	0.222336	0.015530076
19	rs4802905	0.139785	0.10555	0.015530076
5	rs217771	0.224014	0.180565	0.015538397
6	rs7776283	0.492832	0.437947	0.015538397
16	rs7202791	0.408602	0.463896	0.015546722
8	rs16897552	0.370909	0.319312	0.015555053
10	rs2274629	0.315412	0.26611	0.015555053
19	rs274861	0.507168	0.451894	0.015555053
4	rs2132880	0.519784	0.464371	0.015571727
2	rs17044597	0.17446	0.220252	0.015580071
3	rs2622726	0.173835	0.135434	0.015580071
5	rs11242527	0.207885	0.167178	0.015580071
2	rs1374230	0.326165	0.276033	0.01558842
3	rs2034870	0.222222	0.179789	0.01558842
4	rs181999	0.446237	0.392164	0.015605131
5	rs966702	0.243728	0.293456	0.015605131
2	rs1347630	0.102518	0.1403	0.015613493
6	rs977673	0.299283	0.351959	0.015613493
6	rs6927351	0.160072	0.123169	0.015613493
10	rs10762885	0.336918	0.39046	0.015613493
5	rs264843	0.170251	0.132243	0.01562186
1	rs7535776	0.25448	0.209397	0.015630232
7	rs6978677	0.224014	0.273656	0.015630232
11	rs12785840	0.173835	0.13531	0.015630232
14	rs12589351	0.426259	0.373	0.015630232
2	rs7603762	0.351254	0.404746	0.015638608
5	rs12520410	0.09319	0.0654397	0.015638608
5	rs16869777	0.15233	0.116786	0.015638608
10	rs726176	0.315412	0.26611	0.015638608
13	rs1337144	0.323741	0.27454	0.015638608
10	rs17752045	0.0989209	0.137045	0.015646989
21	rs2835561	0.264388	0.315117	0.015646989
1	rs2927934	0.193548	0.153715	0.015655375
11	rs7943714	0.374552	0.322487	0.015663765
13	rs637412	0.18638	0.233049	0.01567216
3	rs7612873	0.114695	0.154096	0.01568056
8	rs7820147	0.496403	0.441066	0.01568056
12	rs10843580	0.320789	0.374617	0.01568056
21	rs2834424	0.0953237	0.132323	0.01568056
6	rs10946146	0.0953237	0.0671896	0.015688964
16	rs8045889	0.336918	0.287347	0.015688964
12	rs1965728	0.304659	0.256214	0.015697372
16	rs8054668	0.320144	0.270478	0.015697372
3	rs2410776	0.241935	0.196799	0.015705786
3	rs17049505	0.116906	0.0859721	0.015714204
7	SNP_A-4221783	0.140288	0.106107	0.015714204

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs12511409	0.114695	0.0837875	0.015722627
4	rs650435	0.114695	0.0837875	0.015722627
8	rs2325777	0.197133	0.157177	0.015722627
18	rs8092549	0.163082	0.126192	0.015731054
2	rs13002785	0.155914	0.120061	0.015739486
13	rs9576072	0.374552	0.42952	0.015747923
20	rs467129	0.326165	0.380676	0.015747923
2	rs1448831	0.283154	0.235955	0.015756364
4	rs16839667	0.121864	0.162355	0.015756364
20	rs4814335	0.224014	0.180982	0.015756364
2	rs17750431	0.362007	0.311562	0.015773261
4	rs13109348	0.256272	0.210876	0.015773261
10	rs871262	0.473118	0.419564	0.015773261
1	rs11121605	0.114695	0.155196	0.015781716
3	rs1371568	0.0341727	0.0597345	0.015790176
11	rs10831631	0.378136	0.432469	0.015790176
11	rs4755450	0.302867	0.355975	0.015790176
16	rs6539984	0.188172	0.234151	0.015790176
3	rs12497688	0.208633	0.167462	0.015798641
10	rs7898120	0.0935252	0.065906	0.015798641
13	rs4943157	0.408602	0.464042	0.015798641
11	rs11039885	0.431655	0.486514	0.01580711
1	rs4920579	0.11828	0.0867712	0.015815584
8	rs7825887	0.322581	0.375725	0.015815584
15	rs4553601	0.157706	0.201841	0.015815584
1	rs10888935	0.318996	0.371935	0.015824063
15	rs7181180	0.0629496	0.0945486	0.015824063
18	rs654975	0.286738	0.338336	0.015824063
1	rs4559477	0.132616	0.0994541	0.015832546
18	rs8088243	0.181004	0.142371	0.015832546
22	rs6004454	0.320144	0.270684	0.015832546
3	rs13081010	0.259857	0.310838	0.015841034
12	rs2446343	0.172043	0.133764	0.015841034
12	rs10859907	0.286738	0.239441	0.015841034
19	rs10402957	0.243728	0.293526	0.015841034
22	rs135810	0.150538	0.115254	0.015841034
4	SNP_A-2127460	0.25448	0.209441	0.015849527
4	rs2203017	0.155914	0.119754	0.015866527
9	rs912202	0.304659	0.356826	0.015866527
17	rs854767	0.363799	0.312223	0.015866527
1	rs6664088	0.329749	0.279802	0.015875034
7	rs1880297	0.498201	0.443631	0.015875034
13	rs1407992	0.408602	0.464018	0.015875034
1	rs3790766	0.383513	0.33095	0.015883545
11	rs2283233	0.428315	0.375	0.015883545
14	rs1058010	0.0448029	0.0731333	0.015883545
5	rs17780860	0.12724	0.167689	0.015892062
20	rs17729021	0.273381	0.227226	0.015892062
1	rs3845431	0.510791	0.456048	0.015909108
8	rs1427067	0.347122	0.296322	0.015909108
16	rs11640128	0.30036	0.251362	0.015909108
20	rs218466	0.356631	0.305451	0.015909108

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs1395122	0.103943	0.14186	0.015917639
6	rs602890	0.494624	0.440415	0.015917639
9	rs2694058	0.410394	0.465441	0.015917639
12	rs12822943	0.259857	0.214918	0.015917639
14	rs1189042	0.458781	0.404324	0.015917639
16	rs4985010	0.299283	0.351839	0.015917639
11	rs4414211	0.154122	0.197785	0.015934713
6	rs9486471	0.09319	0.0655067	0.015943258
22	rs7284633	0.150538	0.11528	0.015943258
1	rs235503	0.231183	0.188075	0.015951807
3	rs1500704	0.073741	0.108044	0.015951807
5	rs33895	0.403226	0.350528	0.01596892
8	rs16897057	0.530576	0.475094	0.015994625
2	rs13368872	0.302158	0.354409	0.016003202
6	rs6912006	0.276978	0.328674	0.016003202
10	rs6599621	0.0752688	0.0507493	0.016003202
2	rs7599681	0.200717	0.16002	0.016011785
2	rs10930397	0.259857	0.214675	0.016011785
13	rs981674	0.240143	0.289707	0.016011785
9	rs1929536	0.424731	0.371204	0.016020372
10	rs12258036	0.508993	0.453306	0.016028964
16	rs747641	0.311828	0.364008	0.016028964
7	rs1543239	0.129032	0.170536	0.01603756
13	rs2775058	0.268953	0.222127	0.01603756
15	rs549914	0.424731	0.480369	0.016046162
13	rs4883921	0.224014	0.272743	0.016063379
17	rs806933	0.397849	0.344634	0.016063379
22	rs463426	0.342294	0.290872	0.016063379
15	rs7165146	0.422939	0.478883	0.016071994
6	rs2855459	0.102151	0.140082	0.016080615
1	rs6694039	0.394265	0.342356	0.01608924
6	rs4945784	0.0791367	0.113381	0.01608924
10	rs7076997	0.37276	0.321295	0.01608924
15	rs11630493	0.301075	0.353883	0.01608924
7	rs2191533	0.233813	0.190525	0.01609787
7	rs2471290	0.0923913	0.0650393	0.01609787
12	rs4081670	0.329749	0.382674	0.016106505
7	rs7803844	0.16129	0.124659	0.016115144
11	rs11032614	0.163082	0.126068	0.016115144
1	rs191942	0.386691	0.334015	0.016123789
8	rs4401868	0.433213	0.379257	0.01614975
13	rs7320751	0.275986	0.22943	0.016158414
3	rs1392566	0.324373	0.377513	0.016167082
4	rs9991256	0.15233	0.116655	0.016167082
5	rs2015904	0.342294	0.292504	0.016167082
6	rs9381097	0.311828	0.263373	0.016175755
7	rs12702496	0.311828	0.262683	0.016175755
13	rs9513000	0.154676	0.198637	0.016175755
18	rs1550598	0.530466	0.475631	0.016184433
1	rs1677761	0.0949821	0.0668822	0.016193115
2	rs1002537	0.335125	0.387526	0.016193115
18	rs4797739	0.260791	0.215138	0.016201803

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
20	rs6027861	0.111111	0.149284	0.016201803
6	rs2816242	0.482079	0.428596	0.016210495
11	rs11039820	0.335125	0.388302	0.016210495
7	rs7777812	0.207885	0.166667	0.016219192
16	rs4784852	0.111511	0.149778	0.016219192
20	rs1005920	0.386691	0.440204	0.016219192
1	rs6541245	0.293165	0.345538	0.016227894
6	rs3777707	0.399642	0.454096	0.016227894
6	rs3903759	0.184588	0.145542	0.016227894
7	rs12531851	0.11828	0.157123	0.0162366
11	rs7949349	0.16426	0.208774	0.0162366
13	rs4941832	0.0791367	0.0540034	0.0162366
5	rs1432677	0.224014	0.181384	0.016245312
6	rs2487373	0.345878	0.399148	0.016245312
8	rs2568447	0.102888	0.0736196	0.016245312
16	rs164749	0.485663	0.431369	0.016245312
18	rs1550597	0.530466	0.475655	0.016245312
7	rs541186	0.530466	0.474796	0.016254028
18	rs11661039	0.146953	0.189932	0.016254028
5	rs2269282	0.24552	0.294649	0.016262749
12	rs11066410	0.0719424	0.0483265	0.016262749
18	rs9964111	0.0920578	0.0649506	0.016262749
2	rs6543594	0.482079	0.42823	0.016271475
4	SNP_A-2220351	0.0773381	0.0523712	0.016280206
6	rs16883398	0.123656	0.164337	0.016288941
11	rs7106314	0.261649	0.215967	0.016288941
6	rs2479017	0.368705	0.421896	0.016297682
8	rs13271014	0.0645161	0.0959768	0.016297682
11	rs610160	0.154122	0.118048	0.016297682
21	rs535457	0.318996	0.270095	0.016297682
11	rs353608	0.535842	0.481431	0.016306427
20	rs6095069	0.197133	0.244293	0.016306427
7	rs10950115	0.336918	0.390198	0.016315177
8	rs1379134	0.125448	0.165475	0.016323932
20	rs1886308	0.103943	0.142127	0.016323932
2	rs12616954	0.272401	0.322427	0.016332692
2	rs2602380	0.320789	0.374021	0.016341456
4	rs6831310	0.154122	0.118358	0.016341456
6	rs226914	0.148746	0.191573	0.016341456
8	rs7823138	0.18638	0.231936	0.016341456
11	rs12420372	0.335125	0.388169	0.016341456
19	rs1062098	0.408273	0.356267	0.016341456
15	rs1432129	0.496416	0.441749	0.016350226
20	rs6081714	0.322581	0.374872	0.016350226
1	rs235885	0.229391	0.186542	0.016359
9	rs10125660	0.232975	0.281846	0.016359
9	rs10812604	0.248201	0.29744	0.016359
2	rs4672274	0.451264	0.396622	0.016367779
1	rs2146340	0.392473	0.34077	0.016376563
8	rs351562	0.283154	0.236087	0.016376563
10	rs10786112	0.392086	0.339884	0.016376563
12	rs838177	0.125448	0.165702	0.016376563

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs7981779	0.401434	0.348841	0.016376563
5	rs1863975	0.112903	0.0825391	0.016385352
7	SNP_A-2068030	0.304659	0.256231	0.016385352
9	rs10760481	0.182796	0.22845	0.016385352
7	rs17172953	0.0734767	0.0491999	0.016394146
3	rs9872427	0.214801	0.173609	0.016402945
2	rs3113224	0.145161	0.187223	0.016411748
2	rs12473563	0.4319	0.37807	0.016411748
12	rs2341292	0.184588	0.145486	0.016420556
15	rs4984473	0.442652	0.497617	0.016420556
18	rs9955120	0.125	0.16553	0.016420556
22	rs7287460	0.0752688	0.109029	0.016420556
12	rs2288132	0.257194	0.212193	0.01642937
21	rs2835035	0.478417	0.423995	0.01642937
7	rs2529038	0.32554	0.27632	0.016447011
8	rs6989913	0.0305755	0.0550443	0.016447011
9	rs7859254	0.333333	0.284254	0.016447011
16	rs1552425	0.372302	0.427208	0.016447011
17	rs2350977	0.424731	0.371292	0.016447011
1	rs4263970	0.439068	0.49421	0.016455839
2	rs4662908	0.307554	0.360279	0.016455839
2	rs12622547	0.34767	0.296934	0.016455839
2	rs3821002	0.351254	0.404226	0.016455839
3	rs6801853	0.405018	0.353051	0.016455839
3	rs17272509	0.0773381	0.111376	0.016464671
3	rs1606393	0.44086	0.495737	0.016464671
7	rs6975407	0.349462	0.402011	0.016464671
16	rs7196508	0.365591	0.420342	0.016464671
10	rs2394264	0.473118	0.418942	0.016473509
3	rs2682386	0.418478	0.36528	0.016482351
4	rs4834722	0.0949821	0.131086	0.016482351
6	rs17461290	0.227599	0.184605	0.016482351
14	rs11628576	0.240072	0.289294	0.016482351
15	rs17806738	0.172662	0.135232	0.016482351
18	rs4553711	0.223022	0.272417	0.016482351
2	rs17044974	0.0665468	0.0991144	0.016491199
5	rs13170578	0.270609	0.224472	0.016491199
5	rs1991483	0.394265	0.342249	0.016491199
6	rs6935912	0.356115	0.305394	0.016491199
9	rs4403479	0.232975	0.282134	0.016491199
17	rs758304	0.0322581	0.0570504	0.016491199
15	rs10518766	0.107914	0.0778955	0.016500051
8	rs7462005	0.0322581	0.0569577	0.016508908
21	rs2836452	0.215054	0.173595	0.016508908
12	rs7980801	0.154122	0.117928	0.016517771
12	rs7956731	0.0884477	0.0613046	0.016517771
14	rs2415872	0.548387	0.494042	0.016517771
18	rs206420	0.435484	0.490798	0.016517771
18	rs4613156	0.100719	0.137308	0.016517771
2	rs10929918	0.353047	0.302112	0.016526638
19	rs880896	0.27957	0.233038	0.016526638
22	rs11912715	0.150538	0.115463	0.016526638

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs6714879	0.0719424	0.104465	0.01653551
3	rs2856238	0.394265	0.448417	0.01653551
2	rs4673212	0.232975	0.282431	0.016544386
9	rs10124892	0.458781	0.404665	0.016544386
13	rs17084776	0.0557554	0.0859535	0.016544386
18	rs1159861	0.403226	0.457907	0.016544386
2	rs1517707	0.202509	0.248978	0.016553268
20	rs1343178	0.273381	0.324251	0.016553268
22	rs137205	0.367384	0.316076	0.016553268
6	rs2055261	0.431408	0.486376	0.016562155
9	rs2031970	0.263441	0.218516	0.016562155
16	rs12149938	0.317204	0.37001	0.016562155
18	rs2712767	0.530466	0.476134	0.016562155
20	rs805754	0.227599	0.185602	0.016562155
5	rs6876198	0.28777	0.240096	0.016571047
5	rs463219	0.317204	0.269336	0.016571047
6	rs6927011	0.256272	0.305593	0.016571047
11	rs10501087	0.164875	0.209271	0.016571047
4	rs3796660	0.102151	0.0732538	0.016579943
5	rs10050653	0.512545	0.458631	0.016579943
12	rs991427	0.154122	0.118869	0.016588844
13	rs9507991	0.16129	0.205762	0.016588844
15	rs7170841	0.107914	0.146458	0.016588844
1	rs443850	0.250896	0.301193	0.016597751
3	rs1398634	0.201439	0.160824	0.016606662
10	rs10884340	0.34767	0.4016	0.016606662
11	rs10832515	0.232852	0.281986	0.016606662
3	SNP_A-1957820	0.0845324	0.120143	0.016615578
4	rs1450140	0.393502	0.448517	0.016615578
12	rs7961901	0.269784	0.224267	0.016615578
12	rs2373461	0.0268817	0.0498634	0.016615578
3	rs1354197	0.148746	0.190996	0.016633426
6	rs9396195	0.0376344	0.0642296	0.016633426
13	rs4619293	0.241007	0.196727	0.016633426
20	rs6079649	0.226619	0.183646	0.016633426
7	rs4726344	0.464158	0.410763	0.016642357
11	rs7395662	0.335125	0.388016	0.016642357
16	rs8046766	0.284946	0.238225	0.016642357
1	rs10801805	0.413669	0.360922	0.016651293
3	rs711967	0.401434	0.455907	0.016651293
5	rs4527556	0.0322581	0.0575417	0.016651293
11	rs4639931	0.154122	0.19748	0.016651293
12	rs1867003	0.422939	0.369802	0.016651293
18	rs13381824	0.340502	0.393149	0.016651293
21	rs2833555	0.0985663	0.135945	0.016651293
1	rs1234285	0.491039	0.436903	0.016660234
5	rs271913	0.396057	0.344581	0.016660234
18	rs8094588	0.333333	0.386882	0.016660234
13	rs994513	0.167266	0.212142	0.01666918
18	rs7229850	0.137993	0.179837	0.01666918
13	rs17067931	0.0322581	0.057712	0.016678131
17	rs4496207	0.283154	0.236187	0.016678131

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs2746543	0.333333	0.283719	0.016687086
2	rs1355847	0.329749	0.382453	0.016687086
2	rs6544416	0.408273	0.355877	0.016696047
2	rs1037173	0.411871	0.466724	0.016696047
20	rs6109593	0.0573477	0.0877433	0.016696047
1	rs7547190	0.16129	0.124829	0.016705013
2	rs10173173	0.365591	0.315036	0.016705013
14	rs9322961	0.258065	0.308819	0.016705013
1	rs12407953	0.0340502	0.059536	0.016713984
1	rs1687061	0.229391	0.186753	0.016722959
2	rs10930892	0.130824	0.0976816	0.016722959
11	rs586662	0.305755	0.257416	0.016722959
12	rs9669600	0.510753	0.456574	0.016722959
22	rs6006904	0.118182	0.0870604	0.016722959
2	rs1641147	0.42446	0.479911	0.016740926
7	rs17310949	0.238351	0.194927	0.016740926
10	rs10999500	0.357401	0.411474	0.016740926
10	rs7920282	0.112903	0.0827375	0.016740926
1	rs11587876	0.236559	0.193186	0.016758912
3	rs1393367	0.320789	0.373383	0.016758912
22	rs3810973	0.277778	0.231674	0.016758912
12	rs7960706	0.469534	0.415901	0.016767912
9	rs870463	0.316547	0.268484	0.016776918
12	rs11180419	0.172043	0.134117	0.016776918
21	rs2834844	0.100719	0.137649	0.016776918
22	rs3810974	0.277778	0.231687	0.016776918
1	rs780082	0.275986	0.327257	0.016785928
10	rs3122227	0.206093	0.165246	0.016785928
17	rs4584886	0.359206	0.308151	0.016785928
1	rs1145535	0.391697	0.446204	0.016794944
8	rs4631498	0.155914	0.119761	0.016794944
4	rs1512949	0.206093	0.165872	0.016803964
14	rs2369898	0.521505	0.466951	0.016803964
1	rs2807562	0.250896	0.206333	0.01681299
2	rs2367957	0.401434	0.349693	0.01681299
2	rs6431472	0.198925	0.158433	0.01681299
5	rs11738537	0.222222	0.179714	0.01681299
17	rs203457	0.437276	0.383606	0.01681299
21	rs2824060	0.234767	0.283692	0.01681299
14	rs2352906	0.169065	0.131346	0.016831056
6	rs2776892	0.100358	0.0718665	0.016840097
10	rs1570427	0.102151	0.138671	0.016840097
12	rs2374670	0.329749	0.382383	0.016840097
20	rs6110699	0.162455	0.125426	0.016840097
21	rs2075899	0.207885	0.255109	0.016840097
11	rs1498477	0.0770609	0.111244	0.016849142
12	rs17026787	0.310036	0.261856	0.016849142
12	rs7295176	0.295699	0.248551	0.016849142
11	rs12365014	0.335125	0.387943	0.016867248
11	rs1397727	0.154122	0.196459	0.016867248
2	rs1404182	0.109319	0.0794408	0.016876309
5	rs13182871	0.281362	0.234503	0.016876309

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs10492434	0.225806	0.182948	0.016885374
16	rs2024447	0.408602	0.463203	0.016885374
1	rs10494368	0.125899	0.0935583	0.016894445
9	rs7860480	0.062724	0.0941437	0.016894445
12	rs11105842	0.417266	0.36359	0.016894445
8	rs4466418	0.386691	0.441417	0.016903521
18	rs7235529	0.0949821	0.0672126	0.016903521
3	rs3811686	0.0848375	0.12056	0.016912601
4	rs13126656	0.255396	0.210535	0.016912601
21	rs1734930	0.31362	0.265188	0.016912601
5	rs7730403	0.480287	0.42631	0.016921687
5	rs10472388	0.0341727	0.0593249	0.016930778
1	rs2644457	0.0519713	0.0818275	0.016939874
3	rs1523109	0.234767	0.191888	0.016939874
11	rs1400386	0.109319	0.0790191	0.016939874
12	rs7309484	0.205036	0.163714	0.016939874
1	rs17742601	0.0953237	0.131301	0.016948974
5	rs7445841	0.376344	0.324864	0.016948974
10	rs11195324	0.103943	0.14062	0.016948974
12	rs4765417	0.0974729	0.134412	0.016948974
20	rs1002120	0.106115	0.143975	0.016948974
6	rs4945783	0.078853	0.112645	0.01695808
2	rs10185455	0.204301	0.251364	0.016967191
7	rs11980485	0.435484	0.49046	0.016967191
8	rs17659540	0.51083	0.455521	0.016967191
12	rs10841059	0.396739	0.344539	0.016967191
6	rs10807242	0.417563	0.472411	0.016976307
7	rs10954365	0.27957	0.23339	0.016976307
8	rs10504398	0.176259	0.138113	0.016976307
10	rs7894587	0.514337	0.459796	0.016976307
1	rs2795417	0.0521583	0.0820845	0.016985428
6	rs6912552	0.277778	0.328903	0.016985428
8	rs7461351	0.315412	0.367757	0.016985428
14	rs2254973	0.246403	0.29571	0.016985428
3	rs9833997	0.396057	0.344475	0.017003685
4	rs1503881	0.317204	0.268301	0.017003685
6	rs408359	0.0884477	0.0614125	0.017003685
3	rs2526747	0.393885	0.447835	0.017012822
6	rs6913994	0.367384	0.316292	0.017012822
9	rs16922143	0.245487	0.294981	0.017021963
1	rs4603104	0.125448	0.0932925	0.017031109
2	rs13411233	0.231183	0.188075	0.017031109
4	rs7660368	0.335125	0.387602	0.017031109
5	rs7706238	0.33871	0.289142	0.017031109
12	rs10735364	0.18638	0.232265	0.017031109
1	rs527442	0.107273	0.145613	0.01704026
1	rs2795408	0.0521583	0.081998	0.01704026
10	rs10887878	0.134409	0.100955	0.01704026
11	rs984496	0.491039	0.436625	0.01704026
11	rs1690812	0.378136	0.32605	0.01704026
11	rs606803	0.376344	0.324591	0.01704026
12	rs11182405	0.062724	0.093633	0.01704026

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs17033891	0.122744	0.163422	0.017049417
4	rs230505	0.455036	0.401771	0.017058579
10	rs3125327	0.344086	0.293697	0.017058579
11	rs6485884	0.335125	0.387866	0.017058579
19	rs741584	0.370968	0.319482	0.017076917
5	rs252614	0.293907	0.24684	0.017086094
12	rs12812739	0.259857	0.214748	0.017086094
15	rs876383	0.494604	0.440204	0.017086094
21	rs9981939	0.280576	0.234322	0.017095275
1	rs859388	0.464158	0.410082	0.017104462
8	rs7832096	0.281362	0.234753	0.017104462
10	rs3125331	0.322581	0.273145	0.017104462
17	rs11656166	0.0824373	0.118058	0.017104462
1	rs6701504	0.28853	0.242342	0.017113655
3	rs349543	0.0752688	0.0510239	0.017113655
17	rs7222197	0.327957	0.278289	0.017113655
1	rs4649904	0.123656	0.0918089	0.017132054
2	rs918290	0.0376344	0.0635029	0.017132054
7	rs10241383	0.358423	0.307771	0.017132054
11	rs4882017	0.335125	0.387866	0.017132054
1	rs577528	0.25448	0.304799	0.017141261
2	rs11127466	0.383513	0.33197	0.017141261
8	rs1660332	0.444444	0.39203	0.017141261
12	rs16930563	0.136201	0.102315	0.017141261
16	rs10514389	0.324373	0.275357	0.017141261
19	rs11084582	0.44086	0.388037	0.017141261
4	rs4693920	0.105735	0.0760164	0.017150474
8	rs4841200	0.214029	0.17252	0.017150474
1	rs9436398	0.329749	0.28043	0.017159691
11	rs721238	0.106115	0.0764244	0.017159691
5	rs11167927	0.433692	0.381498	0.017168914
22	rs4838830	0.277778	0.231845	0.017168914
2	rs12478344	0.302158	0.354394	0.017187375
5	rs2062695	0.405018	0.4591	0.017187375
22	rs9617024	0.277778	0.231857	0.017187375
3	rs1436832	0.316547	0.368744	0.017196613
4	rs921729	0.105735	0.143514	0.017196613
2	rs6724073	0.197842	0.244793	0.017205856
6	rs2322433	0.521505	0.466917	0.017205856
7	rs6977656	0.229391	0.186562	0.017205856
13	rs3848084	0.297491	0.250768	0.017205856
14	rs12717393	0.168459	0.131005	0.017205856
16	rs7204765	0.516245	0.461866	0.017205856
1	rs10494367	0.125448	0.0933879	0.017215104
9	rs1327398	0.078853	0.0539249	0.017215104
16	rs13333251	0.494624	0.440415	0.017215104
6	rs603284	0.257194	0.307286	0.017224358
2	rs4670906	0.401434	0.349864	0.017233616
3	rs1440518	0.544803	0.49029	0.017233616
10	rs1592037	0.232014	0.281601	0.017233616
10	rs11195323	0.103943	0.140572	0.017233616
14	rs10483639	0.243728	0.200102	0.017233616

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs2476731	0.306452	0.259366	0.01724288
3	rs1524557	0.360215	0.309946	0.017252149
2	rs12478317	0.22043	0.267973	0.017261423
3	rs1320160	0.113309	0.151929	0.017261423
4	rs12498640	0.27957	0.330837	0.017270702
11	rs4937548	0.439068	0.493015	0.017270702
19	rs2278260	0.541219	0.486362	0.017270702
1	rs12087645	0.0305755	0.0548178	0.017279986
2	rs17608651	0.218638	0.266599	0.017279986
4	rs10517982	0.155914	0.12015	0.017279986
8	rs997084	0.133094	0.100136	0.017279986
11	rs10766928	0.154122	0.197274	0.017279986
17	rs4925126	0.424731	0.371506	0.017279986
1	rs10157397	0.236559	0.285276	0.017289275
8	rs12680380	0.105735	0.144001	0.017289275
15	rs1863512	0.232975	0.281037	0.017289275
12	rs1245652	0.351986	0.405451	0.01729857
1	rs11206628	0.318996	0.371204	0.01730787
1	rs2492279	0.216846	0.264726	0.01730787
5	rs6894471	0.210432	0.169338	0.01730787
7	rs2941538	0.376812	0.325665	0.01730787
10	rs1414681	0.387097	0.441377	0.01730787
12	rs10745752	0.177419	0.139551	0.01730787
3	rs4685070	0.38172	0.330722	0.017317174
8	rs7014327	0.333333	0.284056	0.017317174
10	rs7083541	0.53777	0.483294	0.017317174
3	rs6443100	0.435484	0.38144	0.017326484
7	rs799578	0.462366	0.409168	0.017326484
12	rs11049715	0.336918	0.287688	0.017326484
3	rs6781156	0.456989	0.403958	0.0173358
6	rs9371823	0.433692	0.488253	0.0173358
11	rs10766922	0.154122	0.197207	0.0173358
16	rs7195891	0.242806	0.292491	0.0173358
13	rs2036113	0.273381	0.324311	0.017354446
16	rs8050643	0.492832	0.43912	0.017363776
20	rs1076688	0.530466	0.475826	0.017363776
2	rs7368833	0.263538	0.313565	0.017373112
7	rs2237702	0.47491	0.421151	0.017391799
22	rs5752591	0.292115	0.343154	0.017391799
22	rs5750373	0.413978	0.361622	0.017391799
1	rs235493	0.229391	0.186967	0.017401151
14	rs10483400	0.126354	0.0942078	0.017401151
15	rs17646800	0.146953	0.189544	0.017401151
5	rs17114459	0.139493	0.105119	0.017410507
18	rs17642569	0.340502	0.290515	0.017410507
3	rs3101096	0.424731	0.372659	0.017419869
6	rs221527	0.200717	0.160477	0.017419869
8	rs13365225	0.201439	0.161104	0.017419869
17	rs7207388	0.172662	0.217962	0.017419869
10	rs10795679	0.136201	0.102691	0.017429236
17	rs10514925	0.0985663	0.0705521	0.017429236
7	rs2158889	0.33213	0.28289	0.017447986

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
17	rs7217540	0.0322581	0.0568801	0.017457368
2	rs7591263	0.175627	0.137649	0.017476149
8	rs6995845	0.295699	0.347782	0.017476149
20	rs459681	0.326165	0.379809	0.017476149
1	SNP_A-2038955	0.184588	0.229891	0.017485548
1	rs7524931	0.139785	0.180935	0.017485548
2	rs7558082	0.176259	0.138595	0.017494951
14	rs8022637	0.145161	0.11077	0.017494951
14	rs847314	0.327957	0.38032	0.017494951
18	rs2303508	0.430108	0.484678	0.017494951
1	rs4582848	0.270609	0.320954	0.01750436
21	rs7277699	0.113309	0.0829642	0.01750436
12	rs897658	0.437276	0.490798	0.017513774
1	rs6664177	0.329749	0.280409	0.017523193
2	rs17644183	0.34767	0.400919	0.017523193
11	rs1268309	0.342294	0.396204	0.017523193
3	rs12631421	0.378136	0.327545	0.017532617
7	rs6971537	0.0896057	0.125085	0.017532617
1	rs287235	0.286738	0.240798	0.017542047
4	rs1440312	0.239209	0.195741	0.017542047
12	rs11059501	0.419355	0.366814	0.017542047
6	rs16885480	0.0824373	0.0568995	0.017551481
15	rs17665327	0.109319	0.0793327	0.017551481
17	rs8081885	0.0467626	0.0743013	0.017551481
1	rs12087337	0.124101	0.0924284	0.017560921
8	rs10112387	0.345878	0.295943	0.017560921
11	rs1371329	0.357401	0.410891	0.017560921
18	rs4941349	0.543011	0.488594	0.017560921
6	rs10499028	0.203237	0.162526	0.017570367
8	rs10086105	0.360215	0.310157	0.017570367
8	rs4240626	0.280576	0.234173	0.017570367
10	rs10883782	0.204301	0.163432	0.017570367
12	rs11048790	0.0716846	0.104465	0.017570367
21	rs1556277	0.435484	0.489071	0.017570367
3	rs7625438	0.102518	0.139571	0.017579817
3	rs9877549	0.0917266	0.0643952	0.017579817
5	rs11742602	0.480287	0.426601	0.017579817
6	rs234915	0.482079	0.429326	0.017579817
2	rs13390691	0.202509	0.248805	0.017589273
2	rs10183022	0.451613	0.398499	0.017589273
7	rs2525734	0.182796	0.227861	0.017589273
2	rs12693613	0.157706	0.121847	0.017598734
3	rs17657688	0.405018	0.458759	0.017598734
9	rs10733610	0.200717	0.246508	0.017598734
16	rs11149692	0.229391	0.187223	0.017617672
4	rs300913	0.412186	0.3597	0.017627149
11	rs11220773	0.376344	0.324881	0.017627149
15	rs7403502	0.253597	0.303614	0.017627149
5	rs6886510	0.287004	0.239672	0.017636631
4	rs1013029	0.284173	0.335376	0.017646118
4	rs2059107	0.18638	0.147189	0.017655611
10	rs7101216	0.433453	0.381139	0.017655611

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
12	rs10770599	0.27957	0.233538	0.017655611
12	rs17802036	0.240143	0.289267	0.017665108
7	rs4541797	0.0770609	0.1106	0.017674612
14	rs847317	0.333333	0.38586	0.017674612
2	rs1545359	0.0647482	0.0965152	0.01768412
4	rs6830360	0.16129	0.124957	0.01768412
7	rs1345526	0.411871	0.465746	0.01768412
8	rs2053340	0.125899	0.0939734	0.01768412
1	rs4657581	0.285971	0.337023	0.017693634
2	rs1982446	0.215054	0.173935	0.017693634
5	rs12658367	0.358423	0.411745	0.017693634
12	rs9788199	0.123656	0.163547	0.017693634
18	rs2196113	0.152878	0.195504	0.017693634
2	rs17576915	0.225806	0.183322	0.017703153
4	rs1391262	0.406137	0.352931	0.017703153
20	rs478451	0.476619	0.422514	0.017712677
5	rs6887852	0.209677	0.16888	0.017722207
4	rs728171	0.467742	0.413969	0.017731741
7	rs6972902	0.120072	0.158478	0.017731741
8	rs7823934	0.28777	0.24088	0.017731741
19	rs1912579	0.118705	0.0875427	0.017731741
5	rs252616	0.293907	0.247017	0.017741281
11	rs480569	0.138489	0.104905	0.017741281
11	rs4754668	0.383094	0.436797	0.017750827
12	rs17441172	0.205036	0.163996	0.017750827
13	rs9796066	0.422939	0.370358	0.017750827
14	rs1892220	0.163082	0.126917	0.017750827
6	rs9293854	0.361511	0.413858	0.017760378
20	rs6015703	0.247312	0.204089	0.017760378
10	rs7478060	0.478495	0.425749	0.017769934
5	rs6877525	0.415468	0.469836	0.017779495
7	rs2040897	0.354839	0.408456	0.017779495
5	rs2935637	0.306452	0.358555	0.017798634
13	rs9316188	0.198925	0.244978	0.017798634
12	rs17820032	0.120939	0.0900409	0.017808211
15	rs1712391	0.102151	0.0732538	0.017808211
4	rs843596	0.456989	0.404121	0.017817794
7	rs10233124	0.106115	0.07691	0.017817794
9	rs10810821	0.249104	0.298123	0.017827381
11	rs652769	0.37276	0.321587	0.017827381
11	rs674682	0.37276	0.321587	0.017827381
13	rs7333778	0.188172	0.148893	0.017827381
18	rs12967871	0.478495	0.425162	0.017827381
1	rs1318222	0.0949821	0.0672455	0.017836975
8	rs9298430	0.345878	0.296082	0.017856177
2	rs11678785	0.415468	0.363574	0.017865786
11	rs17693632	0.213262	0.172232	0.017865786
13	rs2147453	0.448029	0.395642	0.017865786
1	rs6687387	0.40681	0.354415	0.017875401
3	rs4687304	0.34767	0.297854	0.017875401
17	rs2879165	0.428315	0.375085	0.017875401
4	rs13147741	0.25448	0.210167	0.017885021

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs9575378	0.255396	0.305177	0.017885021
17	rs8064833	0.103943	0.0750597	0.017885021
2	rs1397088	0.0953237	0.0678024	0.017894646
2	rs4673215	0.241935	0.29134	0.017894646
7	rs3094893	0.310036	0.261751	0.017894646
1	rs6675409	0.401434	0.350034	0.017904277
4	rs4690569	0.311828	0.264135	0.017904277
6	rs3130233	0.439068	0.492494	0.017904277
6	rs17745356	0.415468	0.363497	0.017904277
14	rs7160250	0.521505	0.467462	0.017904277
15	rs2602141	0.251799	0.300068	0.017904277
16	rs12596563	0.307554	0.359748	0.017904277
11	rs1351517	0.447842	0.393903	0.017913913
13	rs9511097	0.417563	0.47138	0.017913913
7	rs893785	0.444245	0.498296	0.017933201
8	rs7013186	0.50361	0.449523	0.017933201
8	rs4421354	0.541219	0.486882	0.017933201
8	rs17053536	0.0306859	0.0550239	0.017933201
1	rs1455703	0.23741	0.285958	0.017942853
3	rs4955692	0.53405	0.479223	0.017942853
5	rs4415088	0.270609	0.225009	0.01795251
7	rs12698901	0.234767	0.191482	0.01795251
10	rs16931765	0.163082	0.126789	0.01795251
13	rs9599174	0.213262	0.172566	0.01795251
14	rs2190508	0.345878	0.398773	0.01795251
5	rs4868746	0.449821	0.397506	0.017962173
18	rs4799791	0.0645161	0.0956433	0.017962173
2	rs1446355	0.243728	0.200579	0.017971841
4	rs10017663	0.329749	0.382112	0.017971841
2	rs16865965	0.179211	0.141664	0.017981515
2	rs17017756	0.154676	0.197207	0.017981515
7	rs4960617	0.0949821	0.0676781	0.017981515
13	rs3829342	0.0863309	0.0602595	0.017981515
16	rs8050659	0.492832	0.439482	0.017981515
9	rs10869425	0.512635	0.459611	0.017991194
10	rs16917330	0.0809353	0.11431	0.018000878
12	rs4255604	0.0949821	0.0675077	0.018000878
1	rs1926306	0.128159	0.168432	0.018010568
7	rs2171356	0.0878136	0.0616883	0.018010568
18	rs17798773	0.253597	0.209128	0.018010568
1	rs2489189	0.0340502	0.059094	0.018020263
9	rs829311	0.376344	0.430205	0.018029963
8	rs11136442	0.370504	0.424165	0.018039669
13	rs9316186	0.198925	0.244888	0.018039669
16	rs1549268	0.286738	0.241385	0.018039669
18	rs12953454	0.318996	0.37044	0.018039669
22	rs132438	0.123188	0.0916382	0.018039669
13	rs9319399	0.196043	0.156622	0.01804938
8	rs7843557	0.383513	0.332254	0.018059097
9	rs1927898	0.216846	0.264235	0.018068819
9	rs10987598	0.182796	0.227676	0.018068819
5	rs11746093	0.512545	0.4594	0.018078546

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
11	rs673798	0.37276	0.321696	0.018078546
1	rs12066439	0.311828	0.264055	0.018088279
1	rs3767910	0.163082	0.205963	0.018088279
1	rs1213856	0.31295	0.364906	0.018088279
8	rs17724226	0.410394	0.463981	0.018088279
20	rs534498	0.250896	0.206726	0.018088279
5	rs980496	0.116487	0.15529	0.018098017
8	rs12708146	0.405018	0.45886	0.018098017
8	rs7834730	0.345878	0.296183	0.018098017
8	rs2981074	0.295699	0.346233	0.018098017
12	rs4931161	0.274194	0.228932	0.018098017
18	rs8094863	0.0681004	0.0995228	0.018098017
3	rs3087253	0.534173	0.480232	0.018107761
5	rs16882488	0.09319	0.0660988	0.018107761
1	rs2819516	0.283154	0.236726	0.01811751
2	rs10178350	0.329749	0.381561	0.01811751
5	rs1422969	0.295699	0.248553	0.01811751
7	rs4726348	0.350719	0.301498	0.01811751
16	rs16974822	0.218638	0.177353	0.01811751
16	rs17781978	0.257194	0.212726	0.01811751
3	rs7638734	0.277778	0.328907	0.018127264
4	rs2278149	0.16129	0.125085	0.018127264
5	rs335207	0.0681004	0.0998977	0.018127264
5	rs6891724	0.296763	0.249574	0.018127264
5	rs2161430	0.295699	0.248552	0.018137024
10	rs10906786	0.271739	0.321575	0.018137024
11	rs2279533	0.224014	0.18188	0.018137024
11	rs1849342	0.261649	0.216525	0.018137024
8	rs6473569	0.34657	0.296625	0.01814679
13	rs3742127	0.130824	0.0983635	0.01814679
7	rs2855939	0.360215	0.413629	0.01815656
10	rs2394272	0.471119	0.417603	0.01815656
9	rs1854574	0.296763	0.347678	0.018166337
14	rs2114616	0.231183	0.278971	0.018166337
17	rs3091327	0.107527	0.0781676	0.018176118
11	rs610728	0.446043	0.50017	0.018195698
13	rs17057156	0.274194	0.324651	0.018195698
3	rs1111622	0.155914	0.198194	0.018215299
6	rs6921588	0.464029	0.411373	0.018215299
7	rs215699	0.256272	0.306001	0.018215299
10	rs992250	0.44086	0.38834	0.018215299
17	rs4925123	0.426523	0.373722	0.018215299
22	rs16993280	0.102151	0.138851	0.018215299
1	rs1281001	0.426259	0.480586	0.018225108
13	rs687582	0.179211	0.223985	0.018225108
8	rs1025233	0.345878	0.296221	0.018234922
21	rs1735936	0.428058	0.375767	0.018234922
2	rs17390622	0.12724	0.094954	0.018244742
10	rs11252746	0.164875	0.128537	0.018244742
2	rs4487120	0.512545	0.458801	0.018254567
9	rs7048037	0.362007	0.312202	0.018254567
3	rs7372254	0.444444	0.392224	0.018264398

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
14	rs7160247	0.215827	0.174728	0.018264398
8	rs10808533	0.295699	0.347478	0.018284076
15	rs2959014	0.146953	0.188544	0.018284076
14	rs7153220	0.0734767	0.106474	0.018303776
9	rs10738727	0.481949	0.428669	0.018313634
19	rs17687371	0.154122	0.119406	0.018313634
14	rs7493582	0.317204	0.269087	0.018323497
18	rs1573388	0.227599	0.185198	0.018333366
1	SNP_A-2135045	0.102518	0.0739857	0.018343241
7	rs12538991	0.367384	0.420757	0.018343241
12	rs527118	0.202509	0.162568	0.018343241
1	rs11585820	0.143369	0.10971	0.018353121
1	rs2795398	0.0519713	0.0814033	0.018353121
2	rs10209188	0.157706	0.122018	0.018353121
2	rs6761246	0.320789	0.372956	0.018353121
3	rs1603492	0.302867	0.255956	0.018353121
6	rs2745636	0.482079	0.429618	0.018353121
9	rs10984840	0.266187	0.315736	0.018372897
10	rs7080052	0.275986	0.230167	0.018372897
15	rs11631663	0.473118	0.419959	0.018372897
1	rs12079477	0.154122	0.119339	0.018382794
4	rs10517625	0.123656	0.163596	0.018382794
9	rs9696306	0.247312	0.296694	0.018382794
14	rs1950668	0.379928	0.32879	0.018382794
9	rs3849943	0.207885	0.254428	0.018392696
11	rs2237914	0.428315	0.376234	0.018402603
7	rs6459879	0.442652	0.496241	0.018412516
7	rs318572	0.397849	0.346626	0.018422435
10	rs7922846	0.297491	0.250511	0.018422435
14	rs7142128	0.168459	0.131382	0.018422435
15	rs16949681	0.243728	0.200649	0.018422435
16	rs11860907	0.340502	0.393429	0.018422435
1	rs1014098	0.149281	0.191011	0.018432359
5	rs36715	0.216846	0.263543	0.018432359
18	rs12960274	0.329137	0.280633	0.018432359
15	rs10152457	0.0770609	0.0525777	0.018442289
4	rs17375482	0.25448	0.210392	0.018452224
6	rs2776797	0.259857	0.214845	0.018452224
10	rs2279216	0.350719	0.300409	0.018452224
1	rs6695961	0.133574	0.100886	0.018462164
3	rs1166980	0.136201	0.176781	0.018462164
5	rs17703748	0.0845324	0.0589438	0.01847211
19	rs1433123	0.248201	0.297104	0.01847211
8	rs10097414	0.345878	0.296322	0.018482062
8	rs1159873	0.159498	0.202353	0.018482062
12	rs10770590	0.232975	0.19063	0.018482062
12	rs2113879	0.276978	0.231346	0.018482062
15	rs11638893	0.5	0.446544	0.018482062
5	rs702714	0.15233	0.117337	0.018492019
8	rs10094069	0.508993	0.454592	0.018492019
11	rs3016380	0.116906	0.155208	0.018492019
15	rs11635392	0.456835	0.403281	0.018492019

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs10180903	0.21147	0.171326	0.018501982
3	rs1502298	0.150538	0.193108	0.018501982
11	rs1944156	0.0806452	0.114008	0.018501982
1	rs7538533	0.476703	0.423261	0.018511951
2	rs6718607	0.286738	0.240286	0.018511951
2	rs722082	0.0645161	0.0957411	0.018511951
11	rs1807939	0.485663	0.432345	0.018511951
12	rs10492314	0.0896057	0.0630324	0.018511951
14	SNP_A-2215287	0.246403	0.202661	0.018511951
1	rs6685823	0.340502	0.393258	0.018521924
2	rs6435309	0.229391	0.187457	0.018521924
13	rs719223	0.309353	0.360751	0.018521924
14	rs4902923	0.351254	0.301398	0.018521924
4	rs17577747	0.428058	0.375383	0.018531904
6	rs2857161	0.433692	0.381171	0.018531904
8	rs7341577	0.0809353	0.0558393	0.018531904
2	rs847191	0.383513	0.436308	0.018541889
3	rs1908599	0.184116	0.228698	0.018541889
14	rs11848645	0.446237	0.50017	0.018541889
10	rs1915428	0.322581	0.273765	0.018551879
4	rs10518439	0.0770609	0.0526047	0.018561876
6	rs6924993	0.386691	0.335663	0.018561876
11	rs7479975	0.375451	0.428109	0.018571877
12	rs4763171	0.311828	0.363791	0.018571877
12	rs10773003	0.120504	0.0892491	0.018571877
11	rs2231963	0.444043	0.391201	0.018581884
13	rs7322803	0.244604	0.200987	0.018581884
9	rs12003093	0.191756	0.237568	0.018591897
9	rs10124632	0.216846	0.264045	0.018591897
4	rs4834723	0.286738	0.337483	0.018601916
18	rs4493146	0.228417	0.275792	0.018601916
9	rs9694998	0.100358	0.0716962	0.01861194
12	rs7485393	0.281362	0.235444	0.01861194
12	rs4964996	0.385305	0.438118	0.01861194
15	rs2059637	0.464029	0.410331	0.01861194
9	rs12337165	0.181004	0.226081	0.018621969
4	rs6551722	0.284173	0.334867	0.018632004
5	rs12514247	0.208633	0.168767	0.018632004
2	rs2571614	0.406475	0.35507	0.018642045
14	rs1951462	0.317204	0.269231	0.018642045
12	rs7304889	0.521505	0.467813	0.018652091
6	rs161062	0.297491	0.348004	0.018662143
5	rs2935624	0.519713	0.466599	0.018672201
5	rs1835098	0.224014	0.272029	0.018672201
11	rs1540157	0.195341	0.155654	0.018672201
18	rs2212980	0.206093	0.165645	0.018672201
3	rs17233898	0.0985663	0.134275	0.018682264
5	rs10512927	0.218638	0.177172	0.018682264
6	rs9370422	0.46595	0.412807	0.018682264
5	rs4336380	0.462366	0.40906	0.018692332
10	rs11251744	0.349462	0.299387	0.018692332
12	rs11051641	0.123656	0.163199	0.018692332

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs11708786	0.149281	0.114441	0.018702407
9	rs7862638	0.116487	0.0865417	0.018702407
11	rs11220719	0.232975	0.280218	0.018702407
1	rs2786967	0.390288	0.443515	0.018712486
16	rs2656649	0.145683	0.110903	0.018712486
2	rs4255987	0.382671	0.331687	0.018722572
2	rs12464933	0.433692	0.487547	0.018722572
6	rs13203299	0.159498	0.202385	0.018722572
8	rs10216846	0.467742	0.414368	0.018722572
12	rs1558905	0.182796	0.144853	0.018722572
2	rs6718868	0.0935252	0.129131	0.018732663
2	rs2018302	0.161871	0.205482	0.01874276
2	rs12694580	0.103943	0.140742	0.01874276
5	rs3798128	0.415162	0.468227	0.01874276
2	rs4669044	0.299283	0.25247	0.018752862
2	rs4952359	0.40681	0.355465	0.018752862
9	rs512623	0.345878	0.398296	0.018752862
6	rs9453912	0.367384	0.317098	0.01876297
7	rs4948173	0.159498	0.202592	0.01876297
2	rs6747985	0.154122	0.119202	0.018773084
4	rs12646209	0.23741	0.194274	0.018773084
5	rs11954404	0.210432	0.170017	0.018773084
9	SNP_A-2210895	0.352518	0.302421	0.018773084
9	rs17371809	0.0752688	0.0512602	0.018773084
13	rs1022897	0.336918	0.287662	0.018793328
5	rs2973868	0.456835	0.404299	0.018803458
6	rs9482859	0.222222	0.180797	0.018803458
11	rs2299628	0.428058	0.376065	0.018803458
11	rs7943389	0.129032	0.168484	0.018803458
6	rs6913825	0.541516	0.488416	0.018813595
14	rs17110072	0.0896057	0.0630324	0.018813595
17	rs8065563	0.426523	0.373978	0.018813595
17	rs4925129	0.426523	0.373978	0.018813595
18	rs1869724	0.246403	0.203173	0.018813595
3	rs1500420	0.317204	0.369372	0.018823736
11	rs1450208	0.0681004	0.1	0.018823736
11	rs10891248	0.420863	0.369469	0.018823736
12	rs3925064	0.236559	0.284814	0.018823736
12	rs2293515	0.241007	0.289608	0.018823736
15	rs169345	0.350719	0.30133	0.018823736
4	rs159864	0.0985663	0.0711361	0.018833884
13	rs874266	0.0341727	0.0591746	0.018833884
8	rs16898244	0.18638	0.231005	0.018844037
19	rs1533675	0.27957	0.233833	0.018844037
9	rs4978914	0.116487	0.0865188	0.018854196
14	rs978956	0.062724	0.0938032	0.018854196
20	rs2903094	0.247312	0.20453	0.01886436
3	rs17043569	0.0842294	0.118018	0.01887453
14	rs4398038	0.318345	0.270427	0.01887453
16	rs247062	0.340502	0.392137	0.01887453
21	rs1014840	0.390681	0.339298	0.01887453
6	rs802288	0.103943	0.141008	0.018884706

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs2070951	0.440647	0.494208	0.018894888
5	rs1345731	0.16426	0.128323	0.018894888
9	rs1927902	0.216846	0.263974	0.018894888
16	rs12927445	0.412186	0.360572	0.018894888
20	rs3787146	0.32852	0.380839	0.018894888
1	rs656801	0.102151	0.138501	0.018905075
3	rs12715571	0.161871	0.205381	0.018905075
18	rs9965312	0.293165	0.24778	0.018905075
1	rs1414073	0.179856	0.224685	0.018925466
7	rs10215935	0.358423	0.308478	0.018925466
10	rs7919547	0.476703	0.423706	0.018925466
18	rs12960691	0.523381	0.468995	0.018925466
9	rs10733366	0.078853	0.0543071	0.01893567
11	rs11023934	0.182796	0.227505	0.01893567
12	rs1275619	0.261649	0.310861	0.01893567
1	rs1925958	0.327338	0.27863	0.01894588
3	rs17368986	0.246403	0.202624	0.01894588
5	rs4703535	0.435252	0.382573	0.01894588
11	rs4641448	0.276978	0.326917	0.01894588
15	rs4777788	0.268953	0.22385	0.01894588
1	rs4661553	0.180505	0.14198	0.018956095
2	rs6711185	0.208633	0.167802	0.018956095
4	rs17400392	0.18638	0.14751	0.018956095
3	rs3755713	0.351254	0.302009	0.018966316
4	rs7693546	0.0827338	0.0572597	0.018966316
5	rs1654209	0.0881295	0.0619877	0.018966316
6	rs7751588	0.172043	0.134707	0.018966316
4	SNP_A-1851302	0.413978	0.362521	0.018976543
14	rs11621622	0.376344	0.326065	0.018976543
22	rs4303814	0.397112	0.450461	0.018986776
2	rs1125184	0.155914	0.198332	0.018997014
4	rs12498151	0.329749	0.381642	0.018997014
6	rs3806113	0.310036	0.262853	0.018997014
6	rs12214856	0.344086	0.294859	0.018997014
11	rs2291840	0.202509	0.162573	0.018997014
13	rs1022239	0.464158	0.410733	0.018997014
2	rs10178618	0.358423	0.411134	0.019007258
5	rs16890269	0.0501792	0.0785082	0.019007258
7	rs12538858	0.358423	0.308598	0.019007258
8	rs10112627	0.0647482	0.0954654	0.019007258
11	rs16911616	0.0881295	0.0618169	0.019007258
13	rs7328295	0.257194	0.306474	0.019007258
20	rs6090583	0.419355	0.472241	0.019007258
13	rs9316184	0.198925	0.244463	0.019017508
19	rs2650781	0.246403	0.202763	0.019017508
1	rs3767001	0.109319	0.146778	0.019027763
4	rs2969174	0.338129	0.289097	0.019027763
4	rs1461595	0.0824373	0.115764	0.019027763
8	rs16933666	0.0752688	0.0514305	0.019027763
15	rs2249312	0.362816	0.415049	0.019027763
16	rs3844608	0.398917	0.4523	0.019027763
12	rs7971161	0.508961	0.455907	0.019038024

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs10025560	0.107527	0.144486	0.019048291
17	rs7224969	0.0770609	0.0529372	0.019048291
2	rs11125011	0.305054	0.35629	0.019058564
2	rs1898291	0.104317	0.141056	0.019058564
4	rs17037125	0.0985663	0.0708447	0.019068842
8	rs16875901	0.0842294	0.118529	0.019068842
7	rs4723331	0.120504	0.158641	0.019079126
20	rs6071592	0.0860215	0.121114	0.019079126
8	rs1487152	0.442652	0.496076	0.019089416
9	rs7023244	0.19964	0.245148	0.019089416
9	rs6475326	0.46223	0.409261	0.019089416
11	rs665097	0.372302	0.321587	0.019089416
4	rs17062314	0.0899281	0.124488	0.019099711
5	rs1368356	0.349462	0.401977	0.019110013
6	rs10946739	0.347122	0.399522	0.019110013
9	rs943935	0.181004	0.142711	0.019110013
20	rs3787348	0.501805	0.447988	0.019110013
2	rs334160	0.227437	0.185393	0.01912032
3	rs1403076	0.162455	0.205049	0.01912032
2	rs818185	0.330935	0.381992	0.019130632
3	rs718634	0.544964	0.4913	0.019130632
5	rs249729	0.202509	0.162747	0.019130632
18	rs383624	0.370036	0.422487	0.019130632
7	rs2525733	0.182796	0.22718	0.019140951
9	rs10118506	0.216846	0.263794	0.019140951
9	rs7036316	0.216846	0.263794	0.019140951
11	rs11020703	0.463768	0.411233	0.019140951
18	rs611263	0.242806	0.200068	0.019140951
3	rs6763181	0.428058	0.482277	0.019151275
21	rs1735989	0.218412	0.177062	0.019151275
2	rs17649894	0.0878136	0.122317	0.019161605
10	rs10884461	0.260791	0.309898	0.019171941
12	rs12424188	0.0878136	0.0617978	0.019171941
14	rs12880596	0.394265	0.447189	0.019171941
16	rs10521275	0.440647	0.494382	0.019171941
20	rs6029378	0.40681	0.459312	0.019171941
1	rs1009941	0.456835	0.404429	0.019182282
2	rs340732	0.172043	0.135264	0.019182282
3	rs1385194	0.0896057	0.0629263	0.019182282
4	rs7693170	0.286738	0.240184	0.019182282
4	rs2070950	0.44086	0.494206	0.019182282
7	rs6970481	0.125899	0.165361	0.019182282
7	rs4719344	0.166667	0.210123	0.019182282
12	rs11053580	0.152878	0.117507	0.019182282
2	rs7425883	0.268953	0.223944	0.019192629
7	SNP_A-4286663	0.0842294	0.0587935	0.019192629
10	rs10885239	0.202509	0.248466	0.019192629
13	rs7994077	0.345878	0.398603	0.019192629
2	rs1039766	0.116487	0.15475	0.019202982
18	rs470497	0.363799	0.416695	0.019202982
1	rs10779417	0.37276	0.424966	0.019213341
8	rs10957640	0.350181	0.301363	0.019234076

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs1571625	0.121864	0.0908316	0.019254834
2	rs17815112	0.412186	0.465781	0.019265222
4	rs955185	0.38172	0.434664	0.019265222
19	SNP_A-1927977	0.111111	0.149404	0.019265222
1	rs11118329	0.388889	0.337649	0.019275615
11	rs2570310	0.347122	0.39925	0.019275615
10	rs7907569	0.424731	0.373213	0.01929642
13	rs7997299	0.358423	0.308728	0.01929642
14	rs10134939	0.317204	0.269493	0.01929642
2	rs13027490	0.508961	0.455198	0.019306831
2	rs801340	0.0863309	0.120654	0.019306831
12	rs7967900	0.204301	0.163887	0.019306831
2	rs17010098	0.0395683	0.0653807	0.019317247
5	rs2962587	0.306859	0.358433	0.019317247
6	rs9378593	0.102151	0.0740804	0.019317247
10	rs11002535	0.241935	0.19891	0.019317247
4	rs2412522	0.275986	0.325894	0.01932767
12	rs10878103	0.261649	0.21728	0.01932767
4	rs1567567	0.284946	0.335264	0.019348532
7	rs1476623	0.482079	0.43013	0.019348532
10	rs11008213	0.223022	0.181431	0.019348532
20	rs6129503	0.121864	0.0905995	0.019348532
4	rs335070	0.422939	0.371039	0.019358972
11	rs11040465	0.397849	0.450579	0.019358972
14	rs8018800	0.374552	0.324582	0.019358972
2	rs1020677	0.28777	0.337819	0.019369418
4	rs1553047	0.362007	0.414988	0.019369418
8	rs2702887	0.135379	0.175657	0.019369418
12	rs3217906	0.30036	0.253324	0.019369418
5	rs1393174	0.421147	0.473586	0.019379869
5	rs248774	0.433453	0.382122	0.019379869
22	rs11089574	0.284946	0.239612	0.019379869
7	rs10225341	0.354839	0.305593	0.019390327
11	rs11222166	0.21147	0.17117	0.019390327
16	rs11640993	0.352518	0.404908	0.019390327
9	rs1983753	0.190647	0.15184	0.01940079
14	rs11847326	0.0985663	0.134366	0.01940079
3	rs1453744	0.197133	0.158146	0.019411259
3	rs1379623	0.42446	0.373127	0.019411259
8	rs10081429	0.320789	0.273347	0.019411259
19	rs416231	0.204301	0.164337	0.019432215
1	rs12130868	0.34767	0.298228	0.019442702
4	rs260932	0.448029	0.395848	0.019453194
5	rs11952681	0.0322581	0.0567291	0.019453194
8	rs7008249	0.129496	0.169336	0.019453194
10	rs11003226	0.268817	0.31795	0.019453194
3	rs11709034	0.428058	0.481759	0.019463692
21	rs464519	0.311151	0.264535	0.019463692
1	rs7556242	0.155914	0.198502	0.019474197
13	rs2803209	0.146953	0.112363	0.019474197
8	rs6472656	0.252688	0.209441	0.019484707
8	rs7830840	0.191756	0.23712	0.019484707

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
11	rs11023685	0.301075	0.25435	0.019484707
2	rs12989756	0.0773381	0.110279	0.019495222
20	rs6064700	0.363799	0.314802	0.019505744
10	rs515910	0.356631	0.409277	0.019516272
12	rs4913307	0.362007	0.312074	0.019516272
5	rs881236	0.464029	0.411513	0.019526805
10	rs10824826	0.268817	0.317934	0.019526805
6	rs200827	0.417266	0.365928	0.019537345
9	rs774354	0.241935	0.289823	0.019537345
4	rs4692351	0.410394	0.359332	0.01954789
10	rs12268030	0.28777	0.242337	0.01954789
14	rs8022542	0.314748	0.36653	0.01954789
21	rs2826951	0.446237	0.394208	0.01954789
1	rs12048846	0.329749	0.381139	0.019558441
3	rs17038558	0.102151	0.138084	0.019558441
3	rs1464790	0.360215	0.310926	0.019558441
9	rs7858424	0.272401	0.321745	0.019558441
16	rs16964529	0.263441	0.312372	0.019558441
2	rs1641143	0.426523	0.480566	0.019568998
10	rs2182965	0.145161	0.185904	0.019568998
12	rs7314055	0.332734	0.284421	0.019568998
16	rs274079	0.204301	0.251107	0.019568998
18	rs1444072	0.147482	0.113551	0.019579561
19	rs733102	0.109712	0.0805792	0.019579561
1	rs1146303	0.31362	0.364828	0.01959013
5	rs2015911	0.340502	0.292093	0.01959013
6	rs2815743	0.53405	0.481216	0.01959013
17	rs4426402	0.362816	0.31267	0.01959013
3	rs6795389	0.368705	0.319018	0.019600705
12	rs12308338	0.109712	0.146888	0.019600705
14	SNP_A-1815467	0.229391	0.187607	0.019600705
15	rs582122	0.516129	0.46302	0.019600705
4	rs6823673	0.310036	0.262343	0.019611285
10	rs3107450	0.34296	0.293556	0.019611285
10	rs11595793	0.379928	0.432663	0.019611285
13	rs9531958	0.376344	0.429496	0.019611285
15	rs1357370	0.437276	0.385154	0.019611285
4	rs4861041	0.175627	0.138747	0.019621872
17	rs2531853	0.40681	0.460334	0.019621872
5	rs2526152	0.426523	0.374915	0.019632464
7	rs4726441	0.290323	0.339918	0.019632464
13	rs723436	0.302158	0.352439	0.019632464
3	rs2240920	0.286738	0.336571	0.019643063
5	rs17384294	0.387097	0.337138	0.019643063
6	rs9405149	0.0555556	0.0847544	0.019643063
6	rs2071286	0.147482	0.189162	0.019643063
6	rs2057518	0.247312	0.203678	0.019643063
20	rs1238200	0.136691	0.103812	0.019643063
3	rs7431389	0.184588	0.228557	0.019653667
6	rs7743622	0.476619	0.424361	0.019653667
9	rs17214837	0.0286738	0.0519303	0.019653667
18	rs4324212	0.179211	0.223433	0.019653667

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs12528912	0.415771	0.364658	0.019664277
7	rs7791324	0.371841	0.424795	0.019664277
8	rs6982592	0.177419	0.1403	0.019664277
12	rs881613	0.33871	0.289751	0.019664277
12	rs10444533	0.275986	0.230494	0.019664277
5	rs13163457	0.433692	0.382584	0.019674893
18	rs7243624	0.329749	0.281431	0.019674893
1	rs7556116	0.132246	0.172014	0.019685515
5	rs7446869	0.0322581	0.0566712	0.019685515
7	rs2471214	0.448029	0.500853	0.019685515
10	rs3862129	0.208633	0.168712	0.019685515
12	rs17512574	0.201439	0.161323	0.019685515
16	rs1875207	0.290323	0.341235	0.019685515
7	rs6465748	0.195341	0.156271	0.019696143
8	rs4145821	0.31362	0.266519	0.019706777
16	rs8063761	0.295699	0.346469	0.019706777
20	rs2179604	0.0561594	0.0853202	0.019706777
2	rs10498223	0.435484	0.48876	0.019717417
15	rs1200349	0.43705	0.490634	0.019717417
20	rs2247963	0.240143	0.28744	0.019717417
14	rs4519265	0.236559	0.28406	0.019728063
4	rs4835033	0.172043	0.21599	0.019738715
7	rs13243874	0.374552	0.324923	0.019738715
12	rs4930919	0.311828	0.264646	0.019738715
3	rs17033961	0.320789	0.272324	0.019749372
4	rs7690600	0.223022	0.270201	0.019749372
14	rs3813402	0.283154	0.333163	0.019749372
13	rs9526841	0.258065	0.306303	0.019760036
2	rs12052409	0.0770609	0.0529993	0.019770705
2	rs4416163	0.265233	0.314159	0.019770705
5	rs7703318	0.408273	0.461683	0.019770705
10	rs1415880	0.250903	0.207566	0.019770705
16	rs12597733	0.223022	0.181942	0.019770705
1	rs7546709	0.406475	0.355317	0.019781381
2	rs9789490	0.170251	0.134017	0.019781381
6	rs10498774	0.265233	0.221069	0.019781381
7	rs819436	0.379061	0.43216	0.019781381
9	rs2418198	0.260791	0.216451	0.019781381
13	rs9534843	0.412186	0.465711	0.019781381
15	rs1399077	0.304659	0.258103	0.019781381
2	rs17048253	0.204301	0.164622	0.019792062
4	rs300915	0.412186	0.360619	0.019792062
17	rs9909477	0.0359712	0.0608592	0.019792062
1	rs235905	0.226619	0.18509	0.01980275
10	rs1891789	0.532258	0.478727	0.01980275
1	rs2185196	0.403226	0.35263	0.019813443
4	rs4862411	0.183453	0.228387	0.019813443
5	rs1428048	0.297491	0.347922	0.019813443
8	rs4545066	0.154122	0.119299	0.019813443
8	rs1156154	0.483871	0.431733	0.019824143
11	rs2082544	0.229391	0.276907	0.019824143
18	rs526989	0.532258	0.479216	0.019824143

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs6937607	0.188172	0.149983	0.019834848
10	rs3982199	0.155914	0.197991	0.019834848
10	rs4644590	0.363799	0.314973	0.019834848
16	rs8051496	0.140288	0.180858	0.019834848
17	rs9896969	0.215054	0.261352	0.019834848
15	rs4886931	0.0755396	0.051636	0.019845559
20	rs6039215	0.322581	0.37419	0.019845559
11	rs2741771	0.435484	0.489101	0.019856277
17	rs9912895	0.42446	0.372311	0.019856277
2	rs17024849	0.17509	0.137743	0.019867
4	rs17775309	0.311151	0.36131	0.019867
7	rs17288345	0.157706	0.19983	0.019867
8	rs17481221	0.148746	0.115123	0.019867
11	rs10500963	0.231047	0.278289	0.019867
11	rs1829	0.179211	0.223433	0.019867
20	rs8124740	0.116487	0.0864828	0.019867
5	rs1529688	0.158845	0.123849	0.019877729
17	rs2305923	0.336918	0.28856	0.019877729
1	rs7539860	0.353047	0.405111	0.019888464
11	rs670627	0.155914	0.197924	0.019899206
13	rs7985623	0.274194	0.32384	0.019899206
2	rs478793	0.413357	0.466122	0.019909953
22	rs5765377	0.127698	0.166723	0.019909953
5	rs248772	0.433692	0.382624	0.019920706
20	rs1923113	0.240143	0.287368	0.019920706
1	rs3753745	0.109712	0.147119	0.019931466
2	rs12991182	0.109319	0.146728	0.019942231
5	rs159971	0.224014	0.18188	0.019942231
4	rs1013028	0.284946	0.335094	0.019953002
15	rs2930848	0.146953	0.187905	0.019953002
16	rs12448813	0.543011	0.490126	0.019953002
20	rs154873	0.311828	0.361793	0.019953002
22	rs17003912	0.150538	0.116315	0.019953002
1	rs1604137	0.424731	0.372743	0.01996378
9	rs1927900	0.215827	0.262385	0.01996378
1	rs10779279	0.112903	0.0831063	0.019974563
5	rs2861946	0.469534	0.417291	0.019974563
11	rs453838	0.315412	0.366951	0.019974563
1	rs311441	0.11828	0.156783	0.019985352
2	rs13428571	0.137993	0.178705	0.019985352
11	rs4753717	0.143369	0.184175	0.019985352
12	rs1045741	0.250896	0.207079	0.019985352
18	rs2000841	0.107527	0.144293	0.019985352
2	rs1641145	0.426259	0.480245	0.019996148
10	rs1254964	0.354839	0.305963	0.019996148
4	rs4696207	0.396057	0.448927	0.020006949
6	rs802289	0.105735	0.142614	0.020006949
14	rs3784004	0.231183	0.27861	0.020006949
1	rs6682638	0.11828	0.0877433	0.020017757
2	rs11687166	0.44086	0.494033	0.020017757
5	rs10516030	0.112903	0.150375	0.020017757
7	rs10081247	0.311828	0.362785	0.020017757

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
11	rs4752791	0.105735	0.142152	0.020017757
11	rs3914694	0.0866426	0.061113	0.020017757
11	rs17740690	0.0913978	0.0643514	0.020017757
2	rs10168212	0.331541	0.382413	0.02002857
5	rs13180334	0.375899	0.325383	0.02002857
2	rs4952361	0.406475	0.355559	0.02003939
5	rs13184546	0.264388	0.219155	0.02003939
8	rs6651353	0.103943	0.0754685	0.02003939
13	rs9540226	0.134892	0.174328	0.02003939
3	rs9637536	0.18705	0.148722	0.020050215
13	rs2478327	0.482079	0.428985	0.020050215
11	rs6485872	0.336331	0.387828	0.020061047
9	rs7047242	0.298561	0.348655	0.020071884
14	rs17127912	0.177419	0.221295	0.020082728
3	SNP_A-2232449	0.27957	0.329472	0.020093578
15	rs2414382	0.413669	0.466655	0.020093578
3	rs4927941	0.0734767	0.105514	0.020104434
9	rs7849813	0.215054	0.174684	0.020115296
14	rs10144991	0.362007	0.413717	0.020115296
1	rs7367532	0.157706	0.122275	0.020126164
5	rs958582	0.306452	0.357508	0.020126164
5	rs9312746	0.229391	0.27632	0.020126164
6	rs2039560	0.516129	0.46319	0.020126164
5	rs1363933	0.102151	0.0740804	0.020137038
13	rs3910574	0.399642	0.349182	0.020137038
11	rs4755447	0.259857	0.215696	0.020147918
19	rs1390754	0.438849	0.387355	0.020147918
5	rs295699	0.416968	0.365608	0.020158804
5	rs11949065	0.21147	0.171433	0.020158804
11	rs11214463	0.0949821	0.130628	0.020158804
1	rs11118858	0.241935	0.199385	0.020169696
2	rs11678782	0.265233	0.313585	0.020169696
5	rs10051002	0.273381	0.228016	0.020169696
5	rs36701	0.197133	0.243174	0.020169696
5	rs17229259	0.223022	0.182112	0.020169696
11	rs675450	0.336918	0.388113	0.020169696
14	rs10150578	0.420863	0.369809	0.020169696
15	rs8024206	0.143885	0.184453	0.020169696
1	rs12563027	0.111111	0.14811	0.020180595
2	rs11096686	0.172662	0.136426	0.020180595
2	rs1396134	0.40681	0.356048	0.020180595
10	rs556292	0.356631	0.408998	0.020180595
1	rs7516645	0.437276	0.490466	0.020191499
5	rs4868265	0.250896	0.208135	0.020191499
12	rs2171392	0.155914	0.198126	0.020191499
1	rs10799612	0.224014	0.270713	0.02020241
3	rs17181547	0.163082	0.205993	0.02020241
6	rs4246081	0.246403	0.203988	0.020213327
1	rs6663717	0.421147	0.473962	0.020224249
12	rs17440942	0.204301	0.164169	0.020224249
9	rs11793279	0.435484	0.488416	0.020235178
12	rs11612882	0.311828	0.265066	0.020235178

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
15	rs2507373	0.362007	0.31201	0.020246113
10	rs1259578	0.33935	0.391104	0.020257054
3	rs17388505	0.235612	0.283475	0.020268002
16	rs10492813	0.359712	0.412116	0.020268002
1	rs546583	0.33871	0.389741	0.020278955
2	rs7370999	0.353047	0.304192	0.020278955
3	rs10513295	0.311828	0.265257	0.020278955
11	rs371157	0.318345	0.369884	0.020278955
2	rs1000919	0.0989209	0.135218	0.020289914
9	rs10983772	0.216846	0.263292	0.020289914
4	rs6843957	0.21147	0.171097	0.02030088
5	rs1862523	0.263441	0.312841	0.02030088
5	rs6580403	0.433692	0.382805	0.02030088
6	rs17592421	0.453405	0.400953	0.02030088
6	rs4498412	0.26259	0.311797	0.02030088
8	rs17445916	0.235612	0.193697	0.02030088
17	rs7215966	0.272401	0.321927	0.02030088
2	rs6749325	0.311151	0.362334	0.020311852
7	rs7780515	0.326165	0.377217	0.020311852
8	rs3134389	0.0770609	0.0531516	0.020311852
16	rs9939492	0.230216	0.278459	0.020311852
1	rs3123736	0.227599	0.273968	0.02032283
3	rs12695385	0.428315	0.481942	0.02032283
4	rs7656442	0.47482	0.422684	0.02032283
5	rs332042	0.430108	0.378788	0.02032283
8	rs2941479	0.387097	0.439244	0.02032283
9	rs888225	0.078853	0.111717	0.02032283
12	rs1403091	0.0698925	0.101634	0.02032283
17	rs4368210	0.355596	0.306314	0.02032283
18	rs12150701	0.368705	0.31925	0.02032283
1	rs16863860	0.062724	0.09294	0.020333814
3	rs6770338	0.352518	0.404697	0.020333814
4	rs6448067	0.405018	0.457907	0.020333814
4	rs9307462	0.0896057	0.123977	0.020333814
5	rs2102125	0.370968	0.321063	0.020333814
7	rs6942609	0.170251	0.21324	0.020333814
18	rs7229071	0.247312	0.204631	0.020333814
2	rs1979038	0.132616	0.100375	0.020344804
11	rs353589	0.133094	0.172854	0.020344804
15	rs12438640	0.120072	0.0893769	0.0203558
7	rs1706911	0.195341	0.157148	0.020366802
3	rs1400286	0.073741	0.0500852	0.020377811
11	rs1940026	0.078853	0.0545517	0.020377811
13	rs9551419	0.195341	0.156739	0.020377811
13	rs9316187	0.200717	0.245818	0.020377811
15	rs8037251	0.284173	0.238291	0.020377811
1	rs10922725	0.421147	0.473926	0.020388826
5	rs3911209	0.306452	0.357654	0.020388826
8	rs10087741	0.532374	0.479216	0.020388826
1	rs1752189	0.243728	0.2015	0.020399847
10	rs2247383	0.354839	0.407187	0.020399847
13	rs17374863	0.129032	0.0974446	0.020399847

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs1997802	0.239209	0.196623	0.020410874
8	rs2241896	0.324373	0.375	0.020410874
1	rs3750300	0.11828	0.0877342	0.020421907
11	rs1784975	0.320789	0.372275	0.020421907
14	rs7142620	0.431655	0.484482	0.020421907
14	rs10131741	0.206093	0.251362	0.020421907
14	rs8007791	0.206093	0.251362	0.020421907
16	rs6497421	0.145683	0.186542	0.020421907
1	rs3790363	0.330935	0.283453	0.020432946
2	rs10931294	0.378136	0.42986	0.020443992
12	rs4761278	0.194946	0.156239	0.020443992
1	rs2147599	0.43705	0.385009	0.020455043
1	rs10482751	0.242806	0.291624	0.020455043
2	rs10188763	0.38172	0.331631	0.020455043
3	rs1471969	0.304659	0.258098	0.020455043
9	rs7021909	0.31362	0.266951	0.020455043
1	rs7512409	0.342294	0.394172	0.020466101
3	rs7061	0.395683	0.448176	0.020466101
4	rs2172339	0.537634	0.485354	0.020466101
6	rs910536	0.322581	0.373638	0.020466101
8	rs1293303	0.399281	0.451448	0.020466101
1	rs499345	0.24552	0.292604	0.020477166
15	rs12440759	0.244604	0.293356	0.020477166
20	rs462145	0.326165	0.378374	0.020477166
4	rs6537027	0.122744	0.1619	0.020488236
8	rs964763	0.508961	0.455412	0.020488236
8	rs11994633	0.207885	0.167973	0.020499312
10	rs4933471	0.417563	0.36661	0.020499312
21	rs2836631	0.444245	0.496925	0.020499312
7	rs2103134	0.390288	0.44312	0.020510395
8	rs17068294	0.0770609	0.109503	0.020510395
16	rs7206844	0.100358	0.0723056	0.020510395
4	rs1837711	0.517921	0.465247	0.020521484
4	rs335069	0.422939	0.37155	0.020521484
5	rs7727473	0.397849	0.450426	0.020521484
10	rs7080061	0.315884	0.268338	0.020521484
3	rs6444640	0.482014	0.429544	0.020532579
4	rs10520376	0.134409	0.101805	0.020532579
16	rs2194278	0.11828	0.156271	0.020532579
1	rs414176	0.341727	0.393903	0.02054368
3	rs6796318	0.0967742	0.132298	0.02054368
13	rs1538050	0.243728	0.201671	0.02054368
15	rs2241267	0.107914	0.0787589	0.02054368
19	rs11672743	0.129496	0.169333	0.02054368
2	rs4672695	0.265233	0.313799	0.020554788
2	rs6718201	0.265233	0.313819	0.020565901
7	rs4960618	0.0949821	0.0681818	0.020565901
10	rs16909819	0.107527	0.143854	0.020565901
3	rs9826051	0.114695	0.152404	0.020577021
1	rs3118412	0.369176	0.319113	0.020588148
3	rs9862576	0.464158	0.411304	0.020588148
8	rs16873932	0.184588	0.146919	0.020588148

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs1417441	0.374101	0.324591	0.02059928
5	rs9313108	0.25448	0.21127	0.02059928
12	rs11612436	0.331541	0.283986	0.02059928
18	rs9946768	0.469424	0.416865	0.02059928
9	rs12552748	0.505376	0.452981	0.020610418
11	rs4536260	0.236559	0.283549	0.020610418
13	rs1431769	0.256318	0.304192	0.020610418
15	rs903428	0.275986	0.324642	0.020610418
17	rs12951053	0.0989209	0.0716968	0.020610418
21	rs9983328	0.201439	0.161614	0.020610418
10	rs9423936	0.297834	0.251533	0.020621563
10	rs17824653	0.100358	0.136751	0.020621563
12	rs11175944	0.0412186	0.0669734	0.020621563
6	rs7741085	0.471326	0.419564	0.020632714
13	rs10507375	0.184588	0.146798	0.020632714
3	rs1918399	0.519713	0.467962	0.020643872
2	rs707098	0.417266	0.470338	0.020655035
2	rs2042784	0.265233	0.313799	0.020655035
3	rs6775783	0.296763	0.345957	0.020655035
8	rs1077434	0.143885	0.110372	0.020655035
13	rs2491218	0.247292	0.20371	0.020655035
13	rs10508168	0.306159	0.260136	0.020655035
2	rs13385981	0.424731	0.373593	0.020666205
4	rs1430581	0.510791	0.458078	0.020666205
2	rs2374240	0.40681	0.356218	0.020677381
3	rs4465943	0.410394	0.463215	0.020688563
6	rs7743738	0.227437	0.185817	0.020688563
20	rs462202	0.32852	0.380928	0.020688563
3	rs6438441	0.105735	0.077448	0.020699752
9	rs10820241	0.272401	0.321173	0.020699752
12	rs7953657	0.0701439	0.101877	0.020699752
13	rs7986361	0.276978	0.231437	0.020699752
14	rs10136383	0.0956679	0.0685002	0.020699752
21	rs9977075	0.283154	0.332766	0.020699752
1	rs11118429	0.132616	0.17212	0.020710947
7	rs10233490	0.191756	0.153427	0.020710947
10	rs11816824	0.107527	0.143805	0.020722148
12	rs7304118	0.329749	0.381601	0.020722148
13	rs7317693	0.421147	0.370225	0.020722148
2	rs6706570	0.310469	0.361546	0.020733355
6	rs17421624	0.250896	0.300034	0.020733355
8	rs1346090	0.401434	0.351038	0.020733355
15	rs899746	0.333333	0.284911	0.020733355
22	rs130503	0.46223	0.410068	0.020733355
1	rs10494369	0.124549	0.0938991	0.020744569
9	rs745852	0.127698	0.0964225	0.020744569
12	rs2374710	0.406475	0.356094	0.020744569
16	rs17487769	0.146209	0.187329	0.020744569
22	rs17759843	0.128159	0.0964942	0.020744569
2	rs7581682	0.156475	0.121341	0.020755789
3	rs33485	0.221223	0.267881	0.020755789
5	rs1508873	0.208633	0.16871	0.020755789

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs1334706	0.048913	0.0771068	0.020755789
8	rs4737311	0.143369	0.109973	0.020755789
11	rs11225907	0.143885	0.110354	0.020755789
15	rs8032981	0.286738	0.240716	0.020755789
6	rs9365310	0.448029	0.500854	0.020767015
20	rs6016445	0.397849	0.450085	0.020767015
4	rs11947781	0.172043	0.215626	0.020778247
11	rs6578793	0.223022	0.181679	0.020778247
1	rs12754690	0.541367	0.4879	0.020789486
5	rs7706656	0.433692	0.382975	0.020789486
16	rs6497420	0.145683	0.186415	0.020789486
20	rs8117563	0.0770609	0.109311	0.020789486
2	rs10221863	0.179211	0.142346	0.020800731
3	rs1349608	0.507194	0.454158	0.020800731
4	rs315372	0.127698	0.0963773	0.020800731
4	rs12331118	0.349462	0.300613	0.020800731
5	rs11133684	0.256272	0.212704	0.020800731
6	rs4945983	0.385305	0.33532	0.020800731
8	rs2006717	0.385305	0.437138	0.020800731
13	rs875913	0.164875	0.206914	0.020800731
5	rs257699	0.189964	0.152196	0.020811982
10	rs16909813	0.107527	0.143782	0.020811982
6	rs679313	0.521583	0.469485	0.02082324
7	rs3807811	0.318996	0.370181	0.02082324
11	rs1388535	0.224014	0.18264	0.02082324
5	rs2731824	0.334532	0.38569	0.020834504
9	rs10116672	0.120072	0.0891763	0.020834504
17	rs6503197	0.505396	0.452827	0.020834504
19	rs17309382	0.170251	0.133776	0.020834504
4	rs1158684	0.537634	0.484173	0.020845774
5	rs4957204	0.370968	0.321234	0.020845774
5	rs6875344	0.275986	0.325732	0.020845774
6	rs1572208	0.464158	0.411755	0.020845774
17	rs9747501	0.311828	0.265066	0.020845774
2	rs7561407	0.137993	0.178377	0.020857051
13	rs2261120	0.136691	0.103996	0.020857051
20	rs2294906	0.24552	0.203552	0.020857051
22	rs5769820	0.292115	0.342195	0.020857051
1	rs4648500	0.320789	0.371633	0.020868334
3	rs1545324	0.31362	0.266178	0.020868334
2	rs4667175	0.378136	0.429666	0.020879623
9	rs9785204	0.116487	0.0869639	0.020879623
10	rs2306319	0.349462	0.300205	0.020879623
16	rs11860830	0.267986	0.224232	0.020879623
2	rs12712756	0.40681	0.356339	0.020890918
2	rs13029838	0.250896	0.207184	0.020890918
14	rs10131427	0.314748	0.365974	0.020890918
2	rs9636438	0.31362	0.266962	0.020913528
2	rs7583970	0.0683453	0.099182	0.020913528
3	rs779596	0.209677	0.255881	0.020913528
4	rs1026529	0.146953	0.187883	0.020913528
11	rs12806901	0.274194	0.229472	0.020924843

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs286451	0.344086	0.295609	0.020936164
6	rs7775215	0.419355	0.368914	0.020936164
12	rs17512763	0.203971	0.16394	0.020936164
4	rs12511441	0.113309	0.0837875	0.020947491
12	rs4763181	0.433692	0.382383	0.020947491
6	rs9384573	0.179211	0.141908	0.020958824
10	rs2148269	0.155914	0.121295	0.020958824
14	rs10136006	0.136691	0.103584	0.020958824
19	rs11673332	0.102151	0.138066	0.020958824
10	rs11008642	0.128159	0.166894	0.020970164
16	rs9937227	0.0824373	0.11566	0.020970164
4	rs11944996	0.125448	0.0944426	0.02098151
4	rs13125312	0.297834	0.347871	0.02098151
22	rs4820242	0.426523	0.376108	0.02098151
5	rs32784	0.170863	0.214505	0.020992863
10	rs303468	0.0878136	0.0620102	0.020992863
1	rs298152	0.311828	0.265678	0.021004222
21	rs4817775	0.47491	0.423208	0.021004222
2	rs6738923	0.0683453	0.0988412	0.021015587
6	rs3128966	0.130824	0.170412	0.021015587
13	rs2066629	0.107914	0.144804	0.021015587
1	rs1335929	0.374552	0.42609	0.021026959
3	rs9810132	0.207885	0.25332	0.021026959
3	rs9289536	0.220217	0.179277	0.021026959
5	rs721077	0.0996377	0.135278	0.021026959
16	rs1876976	0.141577	0.107836	0.021026959
22	rs451740	0.354839	0.305688	0.021026959
5	rs2176831	0.225806	0.184642	0.021038337
6	rs6902115	0.294964	0.249489	0.021038337
2	rs969876	0.455197	0.403885	0.021049721
2	rs864697	0.38172	0.43322	0.021049721
4	rs1598859	0.413669	0.363497	0.021049721
5	rs7702424	0.241935	0.199251	0.021049721
5	rs1643893	0.415468	0.364814	0.021049721
5	rs7729949	0.157706	0.123292	0.021049721
10	rs7096206	0.166667	0.208958	0.021049721
3	rs11129300	0.528777	0.475443	0.021061112
5	rs2561142	0.394265	0.445693	0.021061112
20	rs11696113	0.261649	0.31018	0.021061112
1	rs959414	0.501799	0.448875	0.021072509
4	rs3774959	0.413669	0.363528	0.021072509
6	rs1036288	0.34767	0.398807	0.021072509
11	rs6589684	0.248188	0.20526	0.021072509
16	rs2315080	0.0395683	0.0646317	0.021072509
21	rs2823084	0.15343	0.119299	0.021072509
8	rs1532799	0.508961	0.455677	0.021083912
14	rs8020986	0.116487	0.154527	0.021083912
2	rs185925	0.375899	0.325894	0.021095322
7	rs1562835	0.141577	0.108518	0.021095322
8	rs7816345	0.204301	0.16485	0.021095322
12	rs1860394	0.411552	0.360457	0.021095322
5	rs13164890	0.408602	0.357508	0.021106739

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs4935545	0.130824	0.0987697	0.021106739
7	rs11978267	0.23741	0.284571	0.021118161
10	rs12571870	0.478495	0.426431	0.021118161
17	rs4985955	0.166667	0.209639	0.021118161
9	rs12686449	0.24552	0.293103	0.02112959
20	rs154876	0.311828	0.361282	0.02112959
22	rs13055147	0.22043	0.179775	0.02112959
5	rs13153619	0.296763	0.250427	0.021141026
7	rs719423	0.437276	0.386123	0.021141026
1	rs10922726	0.469534	0.417405	0.021152468
5	rs4554233	0.222222	0.181261	0.021152468
3	rs17380584	0.243728	0.290943	0.021163916
4	rs315343	0.129032	0.0977188	0.021163916
11	rs10894834	0.406475	0.356288	0.021163916
12	rs9300191	0.261649	0.218111	0.021163916
1	rs6657415	0.236559	0.283816	0.021175371
1	rs3922506	0.401434	0.35029	0.021175371
2	rs1430195	0.259857	0.307666	0.021175371
5	rs4382127	0.284173	0.333958	0.021175371
17	rs17249326	0.193548	0.155472	0.021175371
5	rs2086634	0.370504	0.320832	0.021186832
6	rs7757142	0.163082	0.204731	0.021186832
8	rs8180892	0.419355	0.367757	0.021186832
8	rs964764	0.508961	0.455707	0.021186832
16	rs13332945	0.476703	0.423798	0.021186832
7	rs4722426	0.415771	0.467769	0.0211983
10	rs11006908	0.309353	0.359332	0.0211983
13	rs7335638	0.430108	0.379175	0.0211983
20	rs845597	0.136201	0.104025	0.0211983
10	rs10785909	0.33871	0.291012	0.021209773
13	rs184828	0.408602	0.357362	0.021209773
1	rs17315298	0.157706	0.122783	0.021221254
6	rs12525019	0.167266	0.131525	0.021221254
10	rs10823747	0.329749	0.282283	0.021221254
11	rs424989	0.318996	0.370143	0.021221254
11	rs2173406	0.177419	0.221485	0.021232741
13	rs17088577	0.0681004	0.0458575	0.021232741
15	rs7496712	0.327338	0.378664	0.021232741
20	rs16999008	0.105735	0.142589	0.021232741
2	rs908993	0.253597	0.21015	0.021244234
4	rs10939243	0.330935	0.382022	0.021244234
2	rs3748863	0.392473	0.342599	0.021255734
2	rs12694416	0.359206	0.411725	0.02126724
7	rs10232053	0.17509	0.217769	0.02126724
10	rs4750290	0.0358423	0.060477	0.02126724
13	rs7999734	0.160072	0.124701	0.02126724
1	rs4658015	0.0860215	0.0605182	0.021278753
4	rs10857214	0.248201	0.205491	0.021278753
7	rs17507248	0.214029	0.174284	0.021278753
3	rs11918416	0.256272	0.21302	0.021290272
5	rs4835768	0.539427	0.486887	0.021290272
16	rs1390892	0.333333	0.384379	0.021290272

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs4952362	0.40681	0.356486	0.021301797
11	rs1241863	0.304659	0.258345	0.021301797
22	rs450960	0.354839	0.305792	0.021301797
3	rs11709024	0.265233	0.314247	0.021313329
4	rs315364	0.129032	0.097752	0.021313329
1	rs12044778	0.215054	0.175017	0.021324868
1	rs6662583	0.342294	0.393867	0.021324868
4	rs2969172	0.336331	0.288153	0.021324868
13	rs4147047	0.179211	0.142005	0.021324868
2	rs2363078	0.299283	0.348655	0.021336412
8	rs6981388	0.189964	0.235254	0.021336412
16	rs1865806	0.514337	0.461958	0.021336412
13	rs9554196	0.195341	0.157016	0.021347964
21	rs13049227	0.469424	0.418315	0.021347964
12	rs11058785	0.113309	0.150563	0.021359522
3	rs6784820	0.384477	0.436903	0.021371086
3	rs6776166	0.12724	0.0958461	0.021371086
5	rs12654393	0.285971	0.240204	0.021371086
5	rs4704591	0.348921	0.400683	0.021371086
5	rs11740646	0.433692	0.383214	0.021371086
8	rs7818056	0.343525	0.295152	0.021371086
12	rs17120381	0.170863	0.134707	0.021371086
16	rs9939346	0.09319	0.128109	0.021371086
1	rs12034802	0.446237	0.498298	0.021382657
5	rs11949567	0.415771	0.468473	0.021382657
1	rs7527490	0.449821	0.501873	0.021394234
10	rs2742234	0.190647	0.234673	0.021394234
18	rs12955772	0.444444	0.392638	0.021405818
1	rs7525422	0.156475	0.198534	0.021417408
5	rs248779	0.430108	0.379598	0.021417408
12	rs7972187	0.15233	0.117637	0.021417408
1	rs11585077	0.218638	0.178255	0.021429005
2	rs2374342	0.317204	0.367892	0.021429005
3	rs17807236	0.430108	0.482283	0.021429005
8	rs4875442	0.467626	0.415899	0.021429005
11	rs16917285	0.143369	0.109802	0.021429005
11	rs517089	0.140288	0.180688	0.021429005
16	rs12925035	0.168459	0.132709	0.021429005
1	rs10495244	0.145161	0.1855	0.021440608
6	rs220383	0.512545	0.459768	0.021440608
8	SNP_A-2309173	0.207885	0.168256	0.021440608
10	rs2580887	0.0359712	0.060477	0.021440608
13	rs7994951	0.0683453	0.0459966	0.021440608
1	rs17709142	0.0701439	0.101909	0.021452218
16	rs12709102	0.37276	0.423943	0.021452218
17	rs11078060	0.158273	0.124064	0.021452218
19	rs17691043	0.21147	0.171156	0.021452218
11	rs2305982	0.105735	0.141616	0.021463834
13	rs17088579	0.0681004	0.0458262	0.021463834
2	rs759357	0.188172	0.150034	0.021475457
2	rs12693888	0.201439	0.24676	0.021475457
5	rs2007136	0.354839	0.406517	0.021487086

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs1695960	0.132616	0.172232	0.021498722
4	rs12501586	0.338129	0.289662	0.021498722
16	rs4356478	0.146953	0.187351	0.021498722
2	rs4571012	0.198925	0.159796	0.021510365
7	rs1377374	0.448029	0.500512	0.021510365
11	rs1113480	0.227599	0.274122	0.021510365
4	rs4648055	0.345324	0.297412	0.021522014
6	rs9405550	0.132616	0.100647	0.021522014
8	rs16934224	0.379061	0.328956	0.021522014
8	rs9297482	0.508961	0.455832	0.021522014
11	rs4923460	0.166667	0.209298	0.021522014
14	rs1257416	0.293907	0.343495	0.021522014
10	rs2148021	0.259857	0.309004	0.021533669
1	rs1690551	0.505396	0.454189	0.021545331
3	rs9839551	0.428315	0.481437	0.021545331
4	rs16897607	0.0685921	0.0996593	0.021545331
4	rs2461796	0.43705	0.38586	0.021545331
11	rs10501083	0.462366	0.410733	0.021545331
11	rs17094347	0.109319	0.0804089	0.021545331
18	rs624735	0.11828	0.0878747	0.021545331
8	rs6472997	0.234767	0.282016	0.021556999
17	rs4239268	0.0878136	0.062223	0.021556999
18	rs3017274	0.424731	0.373638	0.021556999
2	rs7565546	0.240143	0.287321	0.021568674
7	rs10046536	0.424731	0.477172	0.021568674
12	rs6488250	0.15233	0.117717	0.021568674
13	rs9531827	0.243728	0.202008	0.021568674
15	rs7181856	0.360215	0.312564	0.021568674
19	rs8104094	0.227437	0.186094	0.021568674
1	rs6702820	0.18638	0.22955	0.021580356
2	rs10191817	0.100719	0.0725724	0.021580356
7	rs10226831	0.0698925	0.100681	0.021580356
10	rs619824	0.376344	0.429083	0.021580356
13	rs206321	0.204301	0.164906	0.021580356
13	rs9594780	0.257194	0.305281	0.021580356
13	rs354784	0.154122	0.194653	0.021580356
17	rs8077375	0.113718	0.151484	0.021580356
18	rs7240443	0.419355	0.471891	0.021580356
5	rs1376326	0.136691	0.103982	0.021592044
7	rs801145	0.141577	0.108348	0.021592044
2	rs4952460	0.40681	0.356583	0.021603739
8	rs9329223	0.392473	0.44399	0.021603739
15	rs11856226	0.256272	0.304259	0.021603739
3	rs12497163	0.428315	0.481437	0.02161544
9	rs1348452	0.225806	0.185116	0.02161544
11	rs2595478	0.434783	0.487913	0.02161544
13	rs17312529	0.168459	0.211342	0.02161544
1	rs6426434	0.267148	0.315565	0.021627148
1	rs7523829	0.519713	0.466814	0.021627148
20	rs6043282	0.480287	0.42862	0.021627148
8	rs17117615	0.473118	0.421609	0.021638862
10	rs10509066	0.107527	0.143539	0.021638862

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
16	rs11149888	0.209677	0.254598	0.021638862
3	rs13088064	0.428315	0.481418	0.021650583
3	rs4679958	0.472924	0.419905	0.021650583
3	rs2055033	0.297491	0.347767	0.021650583
11	rs2595456	0.435484	0.488416	0.021650583
13	rs7326697	0.185921	0.147952	0.021650583
5	rs7723446	0.202509	0.246846	0.021662311
11	rs10500791	0.0413669	0.0672684	0.021662311
15	rs17779494	0.177419	0.220102	0.021662311
1	rs11118430	0.132616	0.171726	0.021674045
4	rs17029494	0.198925	0.159973	0.021674045
12	rs10734948	0.112903	0.150204	0.021674045
3	rs4687321	0.241007	0.198637	0.021685786
5	SNP_A-2241696	0.0985663	0.0714042	0.021685786
8	rs7842864	0.240072	0.287466	0.021685786
9	rs4877824	0.442652	0.391349	0.021685786
9	rs12337267	0.217626	0.263714	0.021685786
12	rs11116088	0.281362	0.23641	0.021685786
14	rs3783437	0.231183	0.189585	0.021685786
18	rs583523	0.347122	0.299387	0.021685786
10	rs10762712	0.401079	0.453476	0.021697533
1	rs457397	0.0734767	0.0502898	0.021709287
3	rs6785140	0.184588	0.228124	0.021709287
9	rs10125466	0.405018	0.355124	0.021709287
11	rs10768202	0.258993	0.215285	0.021709287
13	rs1867768	0.27518	0.230153	0.021709287
14	rs7159423	0.420863	0.472932	0.021709287
9	rs681572	0.347122	0.398398	0.021721047
11	rs1786845	0.157706	0.199351	0.021721047
20	rs1998118	0.399281	0.451124	0.021721047
2	rs2085852	0.383094	0.33339	0.021732814
5	rs529279	0.516129	0.463045	0.021732814
8	rs10955009	0.204301	0.165077	0.021732814
15	rs12443387	0.390681	0.442511	0.021732814
17	rs2125348	0.336331	0.288612	0.021732814
1	rs11261025	0.057971	0.0873422	0.021744588
2	SNP_A-1791407	0.259857	0.30743	0.021744588
3	rs17033655	0.127698	0.0964942	0.021744588
18	rs10153433	0.390288	0.442662	0.021744588
2	rs17328734	0.544803	0.491828	0.021756368
2	rs6744383	0.193548	0.237747	0.021756368
13	rs10851295	0.350719	0.30225	0.021756368
15	rs2959016	0.146953	0.187223	0.021756368
2	rs10205312	0.374552	0.42638	0.021791749
6	rs7769605	0.305755	0.259619	0.021791749
6	rs626068	0.21147	0.17155	0.021803555
7	rs4726388	0.191756	0.153781	0.021803555
12	rs11182273	0.183453	0.226499	0.021803555
16	rs1450360	0.139785	0.180205	0.021803555
20	rs4814334	0.22482	0.183628	0.021803555
8	rs4875133	0.297491	0.251279	0.021815369
18	rs7233297	0.120072	0.157814	0.021815369

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
18	rs768206	0.345878	0.397204	0.021815369
1	rs1740118	0.132616	0.17196	0.021827189
4	rs2319246	0.417563	0.470027	0.021827189
20	rs6080716	0.532258	0.479571	0.021827189
2	rs6721943	0.18705	0.231005	0.021850849
5	rs257700	0.189964	0.152522	0.021850849
11	rs6590474	0.316364	0.36645	0.021850849
16	rs312135	0.526978	0.474608	0.021850849
12	SNP_A-2117262	0.194946	0.156793	0.021862689
3	rs10513294	0.311151	0.265157	0.021874535
5	rs7718813	0.0412186	0.0672226	0.021874535
15	rs12916488	0.177419	0.220764	0.021874535
1	rs16839634	0.318996	0.27265	0.021886388
5	rs13153032	0.140794	0.107459	0.021886388
11	rs6589369	0.539427	0.486878	0.021886388
12	rs7133790	0.111111	0.0818584	0.021886388
13	rs11618006	0.0752688	0.107021	0.021886388
1	rs3811024	0.19964	0.244214	0.021898248
3	rs6785030	0.18638	0.230048	0.021898248
1	rs3790437	0.209386	0.170245	0.021910115
10	rs3852459	0.227599	0.186415	0.021910115
18	rs10502927	0.0681004	0.0983997	0.021910115
1	rs1466654	0.374552	0.425717	0.021921988
16	rs8049171	0.347122	0.39748	0.021921988
12	rs17722716	0.193141	0.237129	0.021933868
1	rs6426096	0.378136	0.430522	0.021945754
3	rs4686274	0.286738	0.336797	0.021957647
6	rs10456715	0.320789	0.371891	0.021957647
6	rs7762618	0.377698	0.430177	0.021957647
10	rs10788229	0.478495	0.426746	0.021957647
19	rs4804596	0.476364	0.424036	0.021957647
9	rs11140857	0.0577617	0.0868529	0.021969547
5	rs16893684	0.286738	0.24182	0.021981454
17	rs6502674	0.376344	0.327304	0.021981454
18	rs1840558	0.247312	0.20515	0.021981454
2	rs6728124	0.137993	0.178316	0.021993367
5	rs6880870	0.483871	0.432437	0.021993367
7	rs9638699	0.207885	0.252386	0.021993367
7	rs7795598	0.270609	0.319577	0.021993367
19	rs17685204	0.0752688	0.107459	0.021993367
20	rs6045798	0.261649	0.30937	0.021993367
4	rs6831735	0.501799	0.449387	0.022005287
5	rs6882897	0.491039	0.438821	0.022005287
9	rs4837502	0.227599	0.274199	0.022005287
10	SNP_A-4255892	0.315412	0.268733	0.022005287
12	rs2430624	0.203237	0.164108	0.022005287
15	rs7171020	0.304659	0.258004	0.022005287
2	rs7599534	0.40681	0.356729	0.022017213
1	rs2576234	0.216846	0.262781	0.022029147
13	rs9551011	0.193548	0.238404	0.022029147
3	rs2167937	0.428315	0.481273	0.022041086
10	rs4748047	0.422939	0.372271	0.022041086

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
12	rs10777745	0.467742	0.416325	0.022041086
13	rs9579129	0.197133	0.158487	0.022041086
3	rs7649133	0.451439	0.400545	0.022053033
4	rs4389575	0.440647	0.493011	0.022053033
6	rs1415030	0.336331	0.289025	0.022053033
11	rs572075	0.238267	0.285032	0.022053033
4	rs2629718	0.0340502	0.0577186	0.022064987
5	rs460844	0.505376	0.453941	0.022064987
7	rs17163237	0.244565	0.293374	0.022064987
15	rs5000770	0.375	0.326228	0.022064987
1	rs7414079	0.0591398	0.0881552	0.022076947
17	rs8080471	0.354317	0.306369	0.022076947
2	rs1548876	0.188172	0.150204	0.022088913
3	rs11923256	0.33213	0.383345	0.022088913
5	rs2619861	0.0519713	0.0802112	0.022088913
13	rs17543181	0.315412	0.26855	0.022088913
20	rs16999368	0.0899281	0.0639277	0.022088913
20	rs2057402	0.261649	0.309305	0.022088913
2	rs17010908	0.155914	0.121212	0.022112867
2	rs12466233	0.474729	0.423051	0.022112867
11	rs11232580	0.204301	0.16502	0.022112867
15	rs6494286	0.285971	0.33498	0.022112867
4	SNP_A-2156303	0.408602	0.460724	0.022124854
3	rs9713061	0.218638	0.178304	0.022136848
11	rs11220676	0.172043	0.214237	0.022136848
22	rs5754734	0.473022	0.419939	0.022148848
9	rs16922134	0.0949821	0.0685305	0.022160856
13	rs2175712	0.374101	0.42592	0.022172869
21	rs1473771	0.379928	0.330381	0.02218489
1	rs2480693	0.306452	0.35629	0.022196918
1	rs4649382	0.23741	0.284886	0.022196918
2	rs4488652	0.172043	0.135683	0.022196918
15	rs11636972	0.204301	0.249404	0.022196918
19	rs274876	0.336331	0.38779	0.022196918
4	rs4699030	0.460573	0.409632	0.022208952
11	rs7931713	0.227599	0.186585	0.022208952
20	rs1885080	0.111111	0.14765	0.022208952
4	rs10009859	0.317204	0.367497	0.022220993
5	rs7704624	0.535971	0.483986	0.022220993
18	rs206545	0.16129	0.126276	0.022220993
18	rs1473980	0.424731	0.373765	0.022220993
20	rs4814622	0.532258	0.479727	0.022220993
3	rs1212278	0.510791	0.458404	0.02223304
5	rs34224	0.155914	0.198158	0.02223304
8	rs2511694	0.277778	0.327251	0.02223304
12	rs4463881	0.241935	0.289581	0.02223304
4	SNP_A-2229768	0.251799	0.209044	0.022245095
4	rs2597462	0.397849	0.348619	0.022245095
8	rs6990912	0.396057	0.346285	0.022245095
12	rs7959282	0.351254	0.402589	0.022245095
15	rs4343227	0.109319	0.145926	0.022245095
6	rs2275094	0.0806452	0.113838	0.022257156

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
16	rs3809609	0.114695	0.15121	0.022257156
1	rs3766031	0.161871	0.127	0.022269224
9	rs10990275	0.247312	0.294719	0.022269224
15	rs2117234	0.429856	0.481261	0.022269224
1	rs6666248	0.422939	0.475315	0.022293381
8	rs2608212	0.363799	0.415078	0.022293381
11	rs11040111	0.33871	0.389098	0.022293381
16	rs1687632	0.11828	0.0883856	0.022293381
1	rs9726956	0.510753	0.459496	0.022305469
5	rs12655994	0.263441	0.310963	0.022305469
15	rs8027342	0.295699	0.250256	0.022305469
21	rs8133101	0.107527	0.143101	0.022305469
5	rs6881598	0.415771	0.468132	0.022317564
10	rs2842096	0.207885	0.252813	0.022317564
11	rs7114598	0.215054	0.260566	0.022317564
22	rs1003499	0.415162	0.364349	0.022317564
13	rs9545074	0.38172	0.33231	0.022329666
8	rs17257150	0.157706	0.199421	0.022341775
13	rs9557793	0.413978	0.36359	0.022341775
17	rs8070668	0.324373	0.374702	0.022341775
9	rs7041183	0.0503597	0.0779973	0.02235389
11	rs10742827	0.215054	0.26047	0.02235389
1	rs875976	0.320789	0.37155	0.022366013
4	rs2699027	0.489247	0.43767	0.022366013
4	rs12647340	0.526882	0.474267	0.022378142
6	rs7761069	0.384892	0.335775	0.022378142
6	rs3761789	0.15233	0.118138	0.022378142
9	rs2518110	0.0899281	0.124403	0.022378142
13	rs9634528	0.43705	0.386108	0.022378142
4	rs13123498	0.415771	0.365142	0.022390278
5	rs4700823	0.143369	0.110884	0.022390278
7	rs11971451	0.121864	0.0914198	0.022390278
12	rs11113470	0.28777	0.242166	0.022390278
16	rs752076	0.31362	0.363016	0.022390278
20	rs486937	0.0806452	0.113745	0.022402421
8	rs17292662	0.354317	0.406069	0.02241457
15	rs1200348	0.439068	0.491476	0.02241457
2	SNP_A-2132886	0.0989209	0.0714773	0.022426727
5	rs1689671	0.267025	0.22368	0.022426727
6	rs3792935	0.0863309	0.061113	0.022426727
9	rs13290547	0.0842294	0.0591141	0.022426727
13	rs9530375	0.155914	0.197512	0.022426727
14	rs1099968	0.34767	0.398706	0.022426727
4	rs6534838	0.267986	0.316678	0.02243889
4	rs1817417	0.16129	0.126278	0.02243889
9	rs6479386	0.408602	0.358773	0.02243889
5	rs423531	0.424731	0.374233	0.02245106
6	rs2781652	0.263441	0.220061	0.02245106
2	rs11676644	0.351254	0.302829	0.022463237
3	rs6808230	0.209677	0.254518	0.022463237
8	rs10957008	0.185252	0.148211	0.022463237
8	rs1473923	0.194245	0.239101	0.022463237

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
12	rs755660	0.133094	0.101432	0.022463237
16	rs16941875	0.184588	0.22752	0.022463237
18	rs17526045	0.105735	0.142078	0.022463237
18	SNP_A-2292382	0.140794	0.107863	0.022463237
18	rs1506326	0.291367	0.246332	0.022463237
1	rs1361461	0.4319	0.483276	0.022475421
1	rs12033565	0.0878136	0.121631	0.022475421
5	rs17528473	0.100358	0.135899	0.022475421
6	rs11757427	0.175627	0.218931	0.022475421
8	rs17720712	0.0913978	0.125853	0.022475421
9	rs12552784	0.0665468	0.0971321	0.022475421
4	rs17282576	0.164875	0.207184	0.022487612
1	rs10922771	0.360215	0.311244	0.022499809
3	rs11921483	0.430108	0.481936	0.022499809
13	rs12864664	0.0609319	0.0896999	0.022499809
14	rs11628713	0.210432	0.170931	0.022499809
18	rs7231282	0.292115	0.248125	0.022499809
3	rs7631170	0.351986	0.303828	0.022512013
1	rs2576235	0.21223	0.257746	0.022524225
16	rs4407079	0.489209	0.437735	0.022524225
1	rs10924577	0.203237	0.164505	0.022536443
3	rs7631593	0.374552	0.426431	0.022536443
11	rs6590937	0.0878136	0.0621594	0.022536443
4	rs11724809	0.331541	0.382112	0.022548668
6	rs9501885	0.112903	0.0832766	0.0225609
10	rs2255030	0.428058	0.480252	0.0225609
10	rs11187161	0.141577	0.181431	0.0225609
1	rs859725	0.202509	0.247446	0.022573138
2	rs1609470	0.103943	0.139126	0.022573138
5	rs464881	0.505376	0.454189	0.022573138
5	rs11747250	0.256272	0.304562	0.022573138
9	rs10733261	0.263441	0.219911	0.022573138
11	rs2511345	0.158273	0.199251	0.022573138
1	rs451171	0.399642	0.450767	0.022585384
4	rs970046	0.257194	0.305357	0.022585384
13	rs9575421	0.367384	0.418454	0.022585384
4	rs6845027	0.34767	0.398842	0.022597636
1	rs11118428	0.132616	0.171438	0.022609896
2	rs1607331	0.275986	0.324991	0.022609896
5	rs1428007	0.229391	0.275792	0.022609896
6	rs13210587	0.444444	0.393125	0.022609896
20	rs1156958	0.206093	0.250681	0.022609896
21	rs378108	0.530466	0.478209	0.022609896
1	rs10917434	0.302158	0.352129	0.022622162
4	rs871541	0.3213	0.274838	0.022622162
6	rs927340	0.134892	0.174328	0.022622162
13	rs7985120	0.270609	0.319095	0.022622162
8	rs1064556	0.0698925	0.0473595	0.022634435
1	rs12129026	0.512545	0.460858	0.022646715
6	rs12664069	0.298913	0.253497	0.022646715
2	rs4497835	0.266187	0.313525	0.022659002
2	rs10166032	0.247292	0.294549	0.022659002

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	SNP_A-1833513	0.173835	0.138178	0.022659002
4	rs11728028	0.0989209	0.071794	0.022659002
5	rs3117725	0.406475	0.356022	0.022659002
1	rs10779702	0.399642	0.349607	0.022671296
2	rs13397724	0.144404	0.18439	0.022671296
3	rs17759069	0.157706	0.123509	0.022671296
5	rs2059796	0.379928	0.43188	0.022671296
5	rs267293	0.0860215	0.0607556	0.022683597
13	rs913908	0.175627	0.218473	0.022683597
17	rs3883317	0.0967742	0.070017	0.022683597
18	rs9954646	0.252688	0.299898	0.022683597
1	rs7534239	0.510753	0.458717	0.022708219
5	rs17283841	0.25448	0.212287	0.022708219
1	rs773618	0.306452	0.35668	0.022720541
2	rs6715390	0.235612	0.194653	0.022720541
2	rs12694415	0.363309	0.415159	0.022720541
6	rs9368922	0.21147	0.171609	0.022720541
8	rs6991723	0.415771	0.467484	0.022720541
11	rs1787102	0.33871	0.38904	0.022720541
19	rs10853928	0.485663	0.434901	0.022720541
20	rs362616	0.134409	0.173995	0.022720541
3	rs1317402	0.11413	0.151107	0.022732869
3	rs7632904	0.0913978	0.065121	0.022732869
5	rs12716433	0.147482	0.11431	0.022732869
7	rs2694933	0.47491	0.424046	0.022732869
2	rs6758995	0.258993	0.21594	0.022745204
9	rs10869041	0.223827	0.182469	0.022745204
9	rs16922089	0.246403	0.293597	0.022745204
9	rs962396	0.314748	0.268982	0.022745204
12	rs1499909	0.356631	0.308663	0.022745204
14	rs11157928	0.225806	0.185242	0.022745204
1	rs2790622	0.177419	0.140348	0.022757547
5	rs399760	0.320789	0.274106	0.022757547
3	rs2886980	0.399642	0.349966	0.022769896
5	rs331717	0.361511	0.312564	0.022769896
11	rs11023707	0.240072	0.28686	0.022769896
12	rs10861779	0.250896	0.208049	0.022769896
6	rs794609	0.143369	0.183879	0.022782252
7	rs699485	0.494624	0.443023	0.022782252
2	rs757920	0.168459	0.210392	0.022794615
4	rs10805288	0.353047	0.402863	0.022794615
5	rs1466054	0.0869565	0.120137	0.022794615
5	rs28014	0.25448	0.302076	0.022794615
5	rs987280	0.541219	0.488578	0.022794615
9	rs4740377	0.22043	0.179898	0.022794615
2	rs4281947	0.342294	0.295431	0.022806985
5	rs970999	0.120939	0.158687	0.022806985
8	rs10100191	0.155914	0.121424	0.022806985
2	rs17010743	0.0971223	0.131812	0.022819363
15	rs12909509	0.33213	0.284763	0.022819363
5	rs13189655	0.232975	0.279557	0.022831747
11	rs10790557	0.455036	0.404023	0.022831747

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
15	rs10519250	0.284946	0.333958	0.022831747
16	rs3743807	0.18638	0.148791	0.022831747
6	rs6911094	0.0376344	0.0622018	0.022844138
11	rs4393297	0.426523	0.376192	0.022844138
2	rs6739409	0.546595	0.494545	0.022856536
2	rs16852600	0.311828	0.265257	0.022856536
20	rs2024799	0.108303	0.0797818	0.022856536
4	rs4833207	0.0896057	0.123255	0.022881352
8	rs2469522	0.181004	0.224079	0.022881352
11	rs2071461	0.233813	0.280409	0.022881352
15	rs16973148	0.102151	0.0742254	0.022881352
1	rs260519	0.32554	0.375811	0.022893771
1	rs17121978	0.0430108	0.0686542	0.022893771
2	rs17789375	0.31362	0.267632	0.022893771
2	rs1523305	0.447842	0.499829	0.022893771
2	rs10497241	0.274194	0.322768	0.022893771
3	rs12107971	0.292115	0.340886	0.022893771
5	rs6890248	0.370968	0.321915	0.022893771
4	rs6551565	0.327957	0.378494	0.022906197
5	rs2183463	0.535842	0.484146	0.022906197
6	rs9405509	0.0555556	0.0837312	0.022906197
6	rs10498670	0.121864	0.159625	0.022906197
14	rs7148983	0.111111	0.0820565	0.022906197
2	rs11904079	0.165468	0.207525	0.02291863
3	rs2288370	0.323741	0.37419	0.02291863
11	rs11235843	0.0806452	0.11287	0.02291863
5	rs392077	0.320789	0.274199	0.02293107
2	rs6745656	0.507168	0.455058	0.022943517
3	rs1866298	0.143369	0.110297	0.022943517
4	rs12649426	0.526882	0.474464	0.022943517
8	rs1460165	0.202509	0.163655	0.022943517
9	rs10115168	0.233813	0.192373	0.022943517
15	rs4641721	0.375451	0.42638	0.022943517
2	rs4954438	0.464029	0.412266	0.022955971
5	rs1991520	0.222222	0.267881	0.022955971
12	rs770738	0.389892	0.441658	0.022955971
6	rs7749433	0.303957	0.258609	0.022968432
9	rs4877866	0.215827	0.26167	0.022968432
13	rs6561072	0.448029	0.397069	0.022968432
4	rs7681368	0.149281	0.190225	0.0229809
1	rs12120656	0.397482	0.348568	0.022993375
14	rs1959993	0.0752688	0.0518064	0.022993375
18	rs17717617	0.292115	0.247187	0.022993375
20	rs2268922	0.329749	0.380198	0.022993375
5	rs890970	0.523381	0.472061	0.023005857
6	rs673410	0.22043	0.266269	0.023005857
13	rs9543129	0.249104	0.295911	0.023005857
15	rs4886922	0.0770609	0.0532675	0.023005857
11	rs11040016	0.335125	0.385442	0.023030841
9	rs10820259	0.247312	0.294448	0.023043345
6	rs7773485	0.177419	0.220177	0.023055855
10	rs1898096	0.132616	0.172061	0.023055855

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
12	rs11175622	0.0896057	0.0637355	0.023055855
3	rs9822053	0.112903	0.150085	0.023068372
4	rs17608192	0.116487	0.0873422	0.023068372
3	rs347128	0.392086	0.343154	0.023080896
8	rs6994146	0.111511	0.0824532	0.023080896
8	rs4395860	0.379928	0.33106	0.023080896
13	rs1343804	0.249104	0.295811	0.023080896
21	rs2155605	0.415771	0.365758	0.023080896
2	rs7568933	0.277978	0.23339	0.023093427
3	rs12489521	0.241935	0.20075	0.023093427
7	rs12702682	0.279783	0.328157	0.023093427
13	rs9301196	0.353261	0.403204	0.023093427
3	rs9834435	0.18638	0.229564	0.023105965
4	rs4374667	0.271739	0.31953	0.023105965
20	rs6091793	0.145161	0.184946	0.023105965
1	rs238098	0.469424	0.4182	0.023118511
4	rs478179	0.292115	0.247275	0.023118511
13	rs7993437	0.249104	0.295842	0.023118511
14	rs175490	0.514337	0.46256	0.023118511
15	rs11574495	0.435484	0.487381	0.023118511
11	rs10769895	0.543165	0.491488	0.023131063
13	rs314690	0.302867	0.352199	0.023131063
14	rs4900237	0.136201	0.103642	0.023131063
18	rs2096823	0.444444	0.496426	0.023131063
3	rs1403910	0.408602	0.35797	0.023143622
8	rs16875066	0.169675	0.134117	0.023143622
13	rs7327101	0.116906	0.0871199	0.023143622
21	rs879894	0.401079	0.352319	0.023143622
2	rs3109146	0.315412	0.268812	0.023156189
5	rs262851	0.146953	0.113969	0.023156189
8	rs6986887	0.130824	0.168712	0.023156189
12	rs10841420	0.225806	0.185242	0.023156189
2	rs1453125	0.31362	0.363373	0.023168762
2	rs7593777	0.342294	0.294479	0.023168762
6	rs2753136	0.177419	0.220613	0.023168762
8	rs13273889	0.451087	0.503753	0.023168762
12	rs1496212	0.273381	0.229785	0.023168762
12	rs17039588	0.247312	0.205211	0.023168762
13	rs309433	0.276978	0.325307	0.023168762
1	rs607407	0.281362	0.330269	0.023181343
2	rs12614960	0.327338	0.280164	0.023181343
10	rs10906138	0.317204	0.27121	0.023181343
10	rs3011382	0.47491	0.423772	0.023181343
12	rs7134917	0.469534	0.418114	0.023181343
14	rs10133111	0.197133	0.159549	0.023193931
2	rs2953175	0.28853	0.337249	0.023206526
13	rs11147611	0.377256	0.429107	0.023206526
5	rs4921164	0.258065	0.214578	0.023219128
6	rs2496292	0.301075	0.350528	0.023219128
11	rs12222164	0.291367	0.34101	0.023219128
11	rs7949313	0.375899	0.326213	0.023219128
1	rs9425886	0.53405	0.482295	0.023231737

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs6428586	0.421147	0.370995	0.023231737
1	rs1494373	0.155914	0.12129	0.023231737
1	rs2795395	0.0519713	0.079809	0.023231737
3	rs7649846	0.207885	0.252472	0.023231737
4	rs11725389	0.336918	0.387564	0.023231737
13	rs9520682	0.405018	0.456403	0.023231737
2	rs1653780	0.415162	0.365201	0.023244353
4	rs6536921	0.15233	0.118529	0.023244353
13	rs1020684	0.268817	0.31719	0.023256976
5	rs1479560	0.105735	0.141301	0.023269606
7	rs6465877	0.207581	0.167975	0.023269606
21	rs975184	0.268817	0.317081	0.023269606
2	rs10173996	0.0665468	0.0969945	0.023282244
4	rs7685043	0.247312	0.205281	0.023282244
5	rs1567339	0.205036	0.166211	0.023282244
14	rs12100866	0.0896057	0.123255	0.023282244
3	rs17031374	0.0896057	0.12304	0.023294888
10	rs789970	0.358423	0.409571	0.023294888
18	rs8094453	0.22482	0.184219	0.023294888
1	rs720972	0.451439	0.502903	0.02330754
2	rs9784022	0.268817	0.22546	0.02330754
6	rs2753137	0.177419	0.220558	0.023320199
11	rs1195962	0.507168	0.455071	0.023332865
1	rs12138067	0.121864	0.0913118	0.023345538
5	rs13179136	0.125899	0.163543	0.023345538
13	rs17534263	0.0683453	0.098873	0.023345538
17	rs2856206	0.183453	0.226994	0.023345538
1	rs4926547	0.27957	0.327821	0.023358218
4	rs1347700	0.526882	0.474617	0.023358218
13	rs1028671	0.192446	0.236277	0.023358218
4	rs7659413	0.467509	0.415955	0.023370905
6	rs17072830	0.103943	0.0763203	0.023370905
6	rs3127196	0.430108	0.379428	0.023370905
8	rs12680363	0.118705	0.0888359	0.023370905
5	rs2962041	0.0842294	0.0595563	0.0233836
6	rs9404372	0.185252	0.147801	0.0233836
8	rs1508086	0.400722	0.452251	0.0233836
15	rs11633431	0.388889	0.440021	0.0233836
2	rs1879147	0.258065	0.305414	0.023396301
12	rs11059698	0.17446	0.138283	0.023396301
19	rs4805298	0.546931	0.49522	0.023396301
22	rs383391	0.0791367	0.111149	0.023396301
3	rs6795956	0.112903	0.150034	0.02340901
11	rs955019	0.350719	0.401332	0.02340901
13	rs11618716	0.401079	0.452843	0.02340901
18	rs1261112	0.143369	0.111111	0.02340901
5	rs151800	0.305054	0.259139	0.023421726
10	rs2251062	0.395307	0.346337	0.023421726
15	rs17596793	0.0752688	0.0522998	0.023421726
3	rs13080035	0.429856	0.482283	0.023434449
5	rs4419568	0.460432	0.409447	0.023434449
6	rs9272346	0.437276	0.386789	0.023434449

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs476366	0.386691	0.438501	0.023434449
11	rs10769616	0.430108	0.481601	0.023434449
13	SNP_A-1882199	0.415468	0.365417	0.023447179
18	rs11151084	0.173835	0.138113	0.023447179
22	rs8136206	0.159498	0.200545	0.023447179
6	rs6933344	0.0376344	0.0619891	0.023459917
8	rs11993442	0.153986	0.195126	0.023459917
13	rs1020685	0.268817	0.317127	0.023459917
5	rs10065159	0.275986	0.324702	0.023472662
8	rs2680606	0.099278	0.0722089	0.023472662
15	rs2412781	0.253623	0.300102	0.023472662
5	rs7718472	0.410072	0.462036	0.023485413
6	rs2396829	0.413669	0.364147	0.023485413
14	rs12588812	0.0806452	0.0563308	0.023485413
15	rs7164437	0.100358	0.0728635	0.023485413
22	rs17657174	0.281362	0.236878	0.023485413
4	rs11737218	0.267986	0.223756	0.023498172
4	rs2597455	0.397849	0.349063	0.023498172
7	rs6463774	0.0791367	0.0549488	0.023498172
19	rs6509283	0.516187	0.464517	0.023498172
22	rs5749087	0.282374	0.237551	0.023498172
1	rs7521429	0.229391	0.275886	0.023510939
5	rs1847042	0.0395683	0.0644172	0.023510939
7	rs12533905	0.22043	0.1803	0.023510939
7	rs4612282	0.218412	0.178169	0.023510939
8	rs891540	0.367384	0.417971	0.023510939
1	rs12129036	0.342294	0.391698	0.023523712
19	rs8109787	0.306452	0.355658	0.023523712
21	rs1571733	0.109319	0.145997	0.023523712
5	rs1860059	0.166667	0.131731	0.023536492
9	rs7350197	0.247312	0.294178	0.023536492
20	rs6121844	0.0698925	0.0473595	0.023536492
15	rs220027	0.370504	0.421205	0.02354928
7	rs4612246	0.192446	0.154802	0.023562075
1	rs233112	0.345324	0.394925	0.023574877
3	rs17415202	0.111111	0.147309	0.023574877
6	rs6901441	0.472924	0.421816	0.023574877
6	rs11155055	0.240143	0.198432	0.023574877
11	rs723077	0.543011	0.491147	0.023587687
1	rs2375803	0.208633	0.170133	0.023600503
1	rs3843304	0.28853	0.337249	0.023600503
5	rs4700425	0.284946	0.240709	0.023600503
8	rs7827685	0.426523	0.375936	0.023600503
11	rs2355017	0.218638	0.264215	0.023600503
14	rs8012593	0.444444	0.39349	0.023600503
2	rs10182522	0.25448	0.212462	0.023626158
5	rs10045122	0.138989	0.106717	0.023626158
1	rs4657213	0.185921	0.22842	0.023638997
1	rs6694102	0.370504	0.322658	0.023638997
13	rs9545302	0.378136	0.3297	0.023638997
14	rs17741591	0.52509	0.474188	0.023638997
8	rs10503664	0.187726	0.150444	0.023651842

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs12155722	0.0591398	0.088105	0.023651842
11	rs2741774	0.435484	0.487551	0.023651842
14	rs2057369	0.241935	0.200443	0.023651842
3	rs6794337	0.428315	0.480586	0.023664695
5	rs905097	0.370968	0.322207	0.023664695
7	rs17167462	0.120504	0.0905525	0.023664695
9	rs1934735	0.181004	0.22402	0.023664695
17	rs16942361	0.0878136	0.0625641	0.023664695
7	rs17551064	0.125899	0.164278	0.023690422
15	rs6493083	0.253597	0.299829	0.023690422
6	rs4256438	0.430108	0.481948	0.023703297
14	rs447600	0.40681	0.458063	0.023703297
3	rs4327395	0.366906	0.318957	0.023716178
9	rs2209440	0.42446	0.476328	0.023716178
14	rs7148830	0.241935	0.289294	0.023716178
15	rs4774381	0.144404	0.183555	0.023716178
15	rs8032461	0.208633	0.253413	0.023716178
18	rs10502913	0.27957	0.235765	0.023716178
3	rs10513283	0.244604	0.202491	0.023729067
5	rs1479561	0.105735	0.141178	0.023729067
9	rs4842092	0.280576	0.328567	0.023729067
4	rs6449005	0.379928	0.330607	0.023741964
7	rs758937	0.141577	0.181756	0.023754867
11	rs10835398	0.40681	0.457936	0.023754867
13	rs1577406	0.306859	0.26124	0.023754867
11	rs10895041	0.18638	0.148943	0.023767778
7	rs2343295	0.270609	0.318863	0.023793622
10	rs12161672	0.200717	0.162462	0.023793622
2	rs918352	0.270609	0.318166	0.023806554
4	rs767652	0.0860215	0.061221	0.023806554
9	rs10820255	0.247312	0.294068	0.023806554
1	rs2926484	0.197842	0.242084	0.023819494
2	rs2885116	0.225806	0.185393	0.023819494
3	rs4311168	0.209386	0.16957	0.023819494
6	rs2814811	0.451613	0.400511	0.023819494
10	rs10490898	0.315412	0.269322	0.023819494
1	rs1334125	0.523381	0.472374	0.023832442
11	rs657405	0.344086	0.296347	0.023832442
16	rs7187762	0.421147	0.371463	0.023832442
2	rs13398137	0.0412186	0.066712	0.023845396
7	rs39395	0.411871	0.463058	0.023845396
8	rs9298166	0.311828	0.26628	0.023845396
10	rs7094883	0.385305	0.436627	0.023845396
19	rs1284521	0.111111	0.14748	0.023845396
2	rs16985453	0.443431	0.494708	0.023858358
5	rs300329	0.221223	0.180626	0.023858358
3	rs1522270	0.349462	0.301842	0.023871327
5	rs7730020	0.299283	0.348041	0.023871327
11	rs1994214	0.496416	0.445352	0.023871327
2	rs17048092	0.034296	0.0577383	0.023884304
2	rs17326398	0.408273	0.460293	0.023884304
4	rs300906	0.195341	0.157698	0.023884304

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
15	rs989547	0.530576	0.478705	0.023884304
3	rs1492035	0.482079	0.430811	0.023897288
6	rs10949437	0.329749	0.282698	0.023897288
6	rs914349	0.394265	0.34491	0.023897288
8	rs764738	0.345878	0.297883	0.023897288
9	rs10809928	0.376344	0.327827	0.023897288
12	rs10843573	0.349462	0.302147	0.023897288
13	rs2390913	0.181655	0.224983	0.023897288
18	rs8090010	0.170251	0.212802	0.023897288
5	rs4958160	0.102518	0.137496	0.023910279
5	rs2962522	0.433692	0.384026	0.023910279
5	rs10068944	0.116487	0.0874531	0.023910279
6	rs7773293	0.232975	0.19257	0.023910279
7	rs2190010	0.217626	0.177683	0.023910279
14	rs2214965	0.361511	0.412176	0.023910279
2	rs6718488	0.266187	0.313649	0.023923277
14	rs2358785	0.449821	0.501704	0.023923277
7	rs10256513	0.37276	0.42385	0.023936283
8	rs7006936	0.175627	0.218473	0.023936283
10	rs11239832	0.16129	0.126149	0.023936283
11	rs1783925	0.341727	0.295191	0.023936283
10	rs11000542	0.259857	0.30671	0.023949296
12	rs11177680	0.0501792	0.0768052	0.023962317
4	rs1425628	0.28442	0.332992	0.023975344
5	rs6886783	0.417266	0.469016	0.023975344
18	rs4800466	0.437276	0.488594	0.023975344
5	rs1651058	0.107914	0.143759	0.023988379
7	rs799971	0.200717	0.244289	0.023988379
9	rs1492592	0.247312	0.293967	0.023988379
13	rs9553425	0.283154	0.238428	0.023988379
15	rs1234805	0.371841	0.32379	0.023988379
20	rs461863	0.385305	0.336233	0.023988379
1	rs4838890	0.458781	0.40858	0.024001422
5	rs12657433	0.111111	0.0823108	0.024001422
20	rs6069909	0.336918	0.289779	0.024001422
5	rs9293330	0.410394	0.462036	0.024014472
5	rs12520809	0.505376	0.4547	0.024014472
9	rs10976368	0.326165	0.37615	0.024014472
18	rs12456284	0.27957	0.235865	0.024014472
1	rs459160	0.0701439	0.0481722	0.024027529
1	rs731360	0.143369	0.110354	0.024027529
7	rs2700300	0.22482	0.184534	0.024027529
7	rs7787946	0.387097	0.438501	0.024027529
21	rs427991	0.519713	0.468346	0.024027529
10	rs2249698	0.154676	0.195097	0.024040594
14	rs7161385	0.388087	0.339078	0.024053666
18	rs7237387	0.109712	0.145513	0.024053666
1	rs2795396	0.0537634	0.0819421	0.024066745
9	rs10976369	0.326165	0.376192	0.024066745
9	rs3737152	0.078853	0.0550068	0.024066745
16	rs2908899	0.453405	0.402555	0.024066745
18	rs4327121	0.0878136	0.120995	0.024066745

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs17512269	0.277778	0.233992	0.024079832
2	rs16865045	0.0842294	0.116354	0.024079832
2	rs17457136	0.12724	0.0965599	0.024079832
3	rs1320162	0.114695	0.151091	0.024079832
2	rs17033012	0.0645161	0.0941437	0.024092926
9	rs11788620	0.18638	0.229458	0.024092926
14	rs11621718	0.212996	0.257757	0.024092926
1	rs3125887	0.368705	0.319761	0.024106027
2	rs10165981	0.176259	0.140444	0.024106027
5	rs6896953	0.410394	0.461997	0.024106027
7	rs6970151	0.12724	0.165188	0.024106027
12	rs216905	0.280576	0.237031	0.024106027
1	rs2220728	0.278777	0.326864	0.024119136
11	rs769149	0.154122	0.119973	0.024119136
16	rs3024585	0.516245	0.463969	0.024119136
16	rs11640435	0.4319	0.381301	0.024119136
18	rs17521158	0.311828	0.361641	0.024119136
2	rs10932513	0.266187	0.313585	0.024132252
3	rs7620792	0.138489	0.106133	0.024132252
4	rs2309710	0.431655	0.381601	0.024132252
7	rs39745	0.157706	0.19775	0.024132252
10	rs12357206	0.428315	0.480566	0.024132252
17	rs4968920	0.100358	0.134845	0.024132252
20	rs2749951	0.433453	0.484833	0.024145376
3	rs1548188	0.240143	0.198569	0.024158507
6	rs17573187	0.18638	0.149506	0.024158507
12	rs4763845	0.356631	0.407218	0.024158507
2	rs10191557	0.408602	0.359263	0.024171646
7	rs17401797	0.526978	0.475273	0.024171646
9	rs10991016	0.438628	0.489601	0.024171646
11	rs1471759	0.272401	0.22879	0.024171646
18	rs7506207	0.34657	0.299148	0.024171646
1	rs12133535	0.116487	0.153152	0.024184792
1	rs7549482	0.160072	0.125725	0.024184792
1	rs7538087	0.355596	0.406239	0.024184792
1	rs9428826	0.175627	0.138936	0.024184792
4	rs1509306	0.107527	0.142784	0.024184792
4	rs1540470	0.52518	0.473065	0.024184792
4	rs10006992	0.415771	0.467132	0.024197945
8	rs17117611	0.381295	0.431857	0.024197945
2	rs4234124	0.28853	0.336853	0.024211106
10	rs2985519	0.31295	0.361775	0.024211106
2	rs7594498	0.0806452	0.056501	0.024224274
6	rs6933014	0.356631	0.30967	0.024224274
7	rs4722438	0.415468	0.466417	0.024224274
8	rs17319073	0.0448029	0.0704057	0.024224274
18	rs528801	0.249097	0.296183	0.024224274
21	rs2075906	0.165468	0.130583	0.024224274
3	rs13090351	0.394265	0.344792	0.024237449
4	rs1809992	0.317204	0.271224	0.024237449
5	rs3846609	0.460573	0.409928	0.024237449
2	rs4854302	0.413978	0.364147	0.024250633

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs13074575	0.0647482	0.0944976	0.024250633
9	rs16928717	0.195341	0.238938	0.024250633
9	rs2026587	0.0827338	0.115897	0.024250633
10	rs3816699	0.109319	0.145315	0.024250633
12	rs1353460	0.132616	0.101706	0.024250633
12	rs17614926	0.249104	0.206673	0.024250633
19	rs2097982	0.143369	0.110485	0.024250633
3	rs2290610	0.308244	0.357411	0.024263823
14	rs8021587	0.188172	0.150442	0.024263823
2	SNP_A-2163379	0.0967742	0.131346	0.024277021
17	rs216459	0.388489	0.439249	0.024277021
1	rs4143025	0.360215	0.411815	0.024290226
3	rs9814881	0.210432	0.171667	0.024290226
3	rs814756	0.176259	0.218259	0.024290226
5	rs17434434	0.102518	0.137743	0.024290226
5	rs11960137	0.137993	0.106376	0.024290226
6	rs9393605	0.38172	0.432584	0.024290226
12	rs747906	0.100358	0.0731084	0.024290226
9	rs10963391	0.408273	0.359066	0.024303439
3	rs1502618	0.464158	0.412888	0.024316659
5	rs4865747	0.154122	0.119973	0.024316659
9	rs4742554	0.440647	0.390119	0.024316659
9	rs12554306	0.175627	0.217399	0.024316659
14	rs1568404	0.516187	0.464748	0.024316659
10	rs10824825	0.274545	0.323279	0.024329887
13	rs1360812	0.456989	0.406069	0.024343122
2	rs1921251	0.228417	0.188245	0.024356365
2	rs4663721	0.0593525	0.0883055	0.024356365
9	rs10869430	0.383513	0.335037	0.024356365
3	rs2724509	0.222222	0.182437	0.024369615
3	rs1492036	0.482079	0.431005	0.024369615
20	rs570376	0.0483871	0.0752725	0.024369615
2	rs2082331	0.0557554	0.0840708	0.024382873
8	rs6470126	0.521661	0.469635	0.024382873
3	rs7628275	0.494565	0.444104	0.024396138
14	rs10147424	0.277174	0.233572	0.024396138
18	rs8095785	0.480287	0.429326	0.024396138
1	rs17097780	0.0591398	0.0872826	0.024409411
8	rs11166611	0.304659	0.354415	0.024409411
20	rs6027482	0.225806	0.185943	0.024409411
2	rs4519500	0.188172	0.150767	0.024422691
8	rs4345596	0.505376	0.454019	0.024422691
2	rs6753320	0.451439	0.400068	0.024435978
6	rs17840186	0.078853	0.0546476	0.024435978
8	rs7833057	0.160072	0.20133	0.024435978
14	rs11850904	0.394265	0.445467	0.024435978
20	rs6080334	0.370504	0.420954	0.024435978
21	rs2835762	0.206093	0.167121	0.024435978
5	rs17062854	0.130824	0.168256	0.024449273
4	rs17620330	0.09319	0.0669628	0.024462576
5	rs2972393	0.480216	0.42879	0.024462576
16	rs7195330	0.297491	0.252386	0.024462576

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs10916711	0.382671	0.334016	0.024475886
2	rs11563233	0.0467626	0.0731333	0.024475886
4	rs7654137	0.103943	0.139305	0.024475886
6	rs9401725	0.111913	0.0833902	0.024475886
11	rs1280216	0.33871	0.388321	0.024475886
16	rs17737220	0.235612	0.194208	0.024475886
4	rs1546176	0.222222	0.267711	0.024489204
6	rs3804498	0.0917266	0.0660538	0.024489204
8	rs7831259	0.426523	0.376234	0.024489204
16	rs6499142	0.467742	0.417547	0.024489204
13	rs7139964	0.241007	0.288133	0.024502529
19	rs175628	0.327957	0.378535	0.024502529
20	rs1884137	0.132616	0.101328	0.024502529
21	rs382816	0.519784	0.468484	0.024502529
18	rs632912	0.115108	0.0859242	0.024515862
20	rs2425764	0.217626	0.177732	0.024515862
2	rs9989867	0.0719424	0.0495557	0.024529202
4	rs2646320	0.503597	0.452162	0.024529202
13	rs11148349	0.163669	0.205089	0.024529202
1	rs2376018	0.207885	0.169679	0.02454255
1	rs11582061	0.146209	0.113063	0.02454255
3	rs9864910	0.18705	0.229721	0.02454255
4	rs1420877	0.440647	0.491655	0.02454255
17	rs883541	0.193548	0.236206	0.02454255
4	rs7682828	0.272563	0.32015	0.024555905
5	rs10900707	0.267025	0.314872	0.024555905
5	rs11748238	0.431655	0.382283	0.024555905
6	rs7746473	0.0949821	0.128664	0.024555905
9	rs1537011	0.107527	0.14332	0.024555905
13	rs386809	0.215054	0.259278	0.024555905
18	rs11151086	0.374552	0.425017	0.024555905
2	rs10932423	0.448029	0.397886	0.024569268
6	rs7751379	0.31362	0.362955	0.024569268
12	rs4237941	0.525362	0.474088	0.024569268
8	rs2120473	0.295699	0.251107	0.024582638
3	rs1966047	0.422939	0.373849	0.024609402
5	rs11750771	0.132616	0.101776	0.024609402
6	rs13215498	0.483755	0.432198	0.024609402
1	rs3024505	0.198556	0.160696	0.024622795
11	rs12286785	0.0645161	0.0941437	0.024622795
2	rs1897911	0.453405	0.40361	0.024636195
21	rs2142124	0.106115	0.078418	0.024636195
1	rs481776	0.166065	0.207155	0.024649603
3	rs12632454	0.409747	0.359748	0.024649603
4	rs10518512	0.322581	0.276338	0.024649603
9	rs10818097	0.304659	0.353202	0.024649603
6	rs16895234	0.155914	0.121889	0.024663019
8	rs9297357	0.24552	0.291681	0.024663019
17	rs850622	0.292115	0.247359	0.024663019
6	rs9321467	0.383513	0.334809	0.024676442
10	rs4751296	0.385305	0.436308	0.024676442
12	rs1561555	0.0812274	0.0574693	0.024676442

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs574053	0.123656	0.0933879	0.024689873
4	rs7674135	0.172043	0.213556	0.024689873
6	rs6910325	0.356631	0.309816	0.024689873
8	rs2894493	0.130824	0.168143	0.024689873
18	rs7230580	0.378136	0.329356	0.024689873
1	rs10926557	0.156475	0.122188	0.024703312
5	rs9324823	0.148746	0.115634	0.024703312
9	rs17499507	0.228417	0.187628	0.024703312
13	rs7991338	0.246403	0.293656	0.024703312
5	rs1396484	0.204301	0.165928	0.024730212
10	rs16909818	0.107527	0.142443	0.024730212
10	rs10787774	0.324373	0.373765	0.024730212
4	rs4693369	0.408602	0.358555	0.024743673
6	rs6913089	0.0376344	0.0622867	0.024743673
8	rs2980773	0.26259	0.219816	0.024743673
19	rs1651801	0.482014	0.43057	0.024743673
5	rs2301001	0.378136	0.428693	0.024757142
12	rs7964939	0.0953237	0.068671	0.024757142
6	rs9496646	0.301075	0.349404	0.024770618
9	rs17782173	0.0967742	0.0700409	0.024770618
15	rs7182797	0.100358	0.0730835	0.024770618
5	rs11955470	0.0770609	0.0539433	0.024784103
10	rs10904906	0.197133	0.159331	0.024784103
3	rs10510597	0.21147	0.255703	0.024797594
11	rs11224802	0.119134	0.0899453	0.024797594
11	rs120434	0.514337	0.46302	0.024797594
12	rs10467157	0.234767	0.280463	0.024797594
1	rs4656862	0.119134	0.156485	0.024811094
5	rs1428660	0.387097	0.338556	0.024811094
5	rs7709822	0.19964	0.16201	0.024811094
10	rs7070319	0.116487	0.154003	0.024811094
11	rs11040338	0.367384	0.41695	0.024811094
13	rs605695	0.0394265	0.0643952	0.024811094
14	rs1158282	0.293907	0.342356	0.024811094
4	rs7682994	0.125448	0.162125	0.024824601
5	rs173587	0.433692	0.384497	0.024824601
9	rs10972434	0.284173	0.240539	0.024824601
11	rs11233474	0.203237	0.164794	0.024824601
13	rs7982889	0.21147	0.172296	0.024824601
15	rs7165051	0.358423	0.40954	0.024824601
7	rs7793114	0.130824	0.16843	0.024838115
8	rs1293320	0.37276	0.325375	0.024838115
11	rs11020175	0.44086	0.390119	0.024838115
16	rs4784368	0.24552	0.203855	0.024851638
2	rs332068	0.297491	0.2523	0.024865167
3	rs1492034	0.482079	0.431152	0.024865167
12	rs1165669	0.306452	0.261572	0.024878705
20	rs6084189	0.149281	0.189249	0.024878705
8	rs2098885	0.0985663	0.132914	0.02489225
11	rs7130751	0.465827	0.415416	0.02489225
13	rs9535822	0.424731	0.475256	0.02489225
1	rs2744750	0.331541	0.381512	0.024905803

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs6714010	0.297491	0.252895	0.024905803
9	rs2453552	0.215827	0.260655	0.024905803
16	rs11644034	0.193548	0.236609	0.024905803
18	rs12458824	0.417563	0.368188	0.024905803
4	rs336298	0.223022	0.268301	0.024919364
9	rs700782	0.215054	0.259796	0.024919364
11	rs10902006	0.526978	0.475971	0.024919364
11	rs6590	0.0806452	0.112381	0.024919364
1	rs17127838	0.225806	0.186328	0.024932932
5	rs11135178	0.0842294	0.116695	0.024932932
6	rs9503642	0.213262	0.173654	0.024932932
7	rs12707128	0.333333	0.383174	0.024946508
9	rs4743577	0.301075	0.349352	0.024946508
11	SNP_A-4198155	0.0323741	0.055404	0.024946508
15	rs11636064	0.503597	0.452779	0.024946508
17	rs8069182	0.373646	0.324872	0.024946508
1	rs1416095	0.405018	0.355877	0.024960091
2	rs334137	0.225806	0.185671	0.024960091
4	rs17528160	0.267025	0.22385	0.024960091
16	rs7201414	0.232975	0.192229	0.024960091
2	rs10181042	0.455036	0.404705	0.024973682
6	rs4467744	0.167266	0.132298	0.024973682
3	rs13092094	0.136691	0.175307	0.025000888
9	rs17213494	0.234767	0.280771	0.025000888
1	rs12121403	0.517921	0.46711	0.025014502
2	rs2868435	0.159498	0.199626	0.025014502
2	rs4663834	0.283154	0.239441	0.025014502
5	rs4593303	0.204301	0.166042	0.025014502
7	rs4267	0.114695	0.0860014	0.025014502
4	rs4508957	0.330935	0.380594	0.025028124
7	rs7811128	0.335125	0.384275	0.025028124
21	rs1735937	0.222222	0.182407	0.025028124
2	rs207942	0.446237	0.396181	0.025041754
3	rs6550440	0.208633	0.252727	0.025041754
5	rs1345732	0.16426	0.129857	0.025041754
7	rs2099205	0.0503597	0.0773301	0.025041754
8	rs7813143	0.388489	0.339578	0.025041754
10	rs16932949	0.132616	0.171667	0.025041754
10	rs7097572	0.544803	0.493526	0.025041754
16	rs12917871	0.147482	0.186989	0.025041754
16	rs4782271	0.137993	0.176881	0.025041754
3	rs6767825	0.207885	0.252045	0.025055391
16	rs9933832	0.361511	0.313395	0.025055391
10	rs11009897	0.351254	0.401296	0.025069036
15	rs1465511	0.290323	0.339693	0.025069036
4	rs17002416	0.0376344	0.0619031	0.025082689
4	rs17071251	0.249104	0.206985	0.025082689
9	rs10963233	0.188172	0.231267	0.025082689
13	rs7330265	0.231183	0.19029	0.025082689
14	rs4465541	0.0716846	0.10242	0.025082689
5	rs2624459	0.37276	0.4233	0.02509635
8	rs4503102	0.34767	0.300579	0.02509635

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
17	rs3744226	0.413978	0.364985	0.02509635
2	rs1356738	0.258065	0.304845	0.025110018
6	rs12664516	0.213262	0.173706	0.025110018
12	rs7311050	0.0537634	0.0813161	0.025110018
9	rs2780203	0.0663082	0.0963506	0.025123694
12	rs17018731	0.146953	0.114388	0.025123694
17	rs8067711	0.426523	0.376065	0.025123694
2	rs6750111	0.444444	0.495063	0.025137378
15	rs17674023	0.0896057	0.0641811	0.025137378
17	rs17606460	0.196043	0.239509	0.025137378
3	rs4677698	0.40681	0.458234	0.025151069
9	rs2025882	0.302867	0.351245	0.025151069
21	rs13433446	0.0913978	0.0657895	0.025151069
5	rs11950379	0.417563	0.468771	0.025164768
6	rs1472641	0.460573	0.41002	0.025164768
8	rs7841785	0.131295	0.100307	0.025164768
8	rs4282579	0.295699	0.343558	0.025164768
19	rs1520068	0.27957	0.328109	0.025164768
1	rs4428890	0.0806452	0.112098	0.025178475
5	rs1011220	0.388489	0.438803	0.025178475
8	rs7826222	0.200717	0.162121	0.025178475
11	rs1077858	0.401434	0.3523	0.025178475
20	rs2567609	0.496416	0.445674	0.025178475
2	rs1437689	0.189964	0.233651	0.02519219
19	rs4802906	0.133094	0.101805	0.02519219
4	rs3775940	0.370968	0.420416	0.025205912
4	rs1527328	0.44086	0.391104	0.025205912
11	rs7129133	0.222222	0.182221	0.025205912
11	rs1280214	0.33871	0.388037	0.025205912
15	rs16963037	0.166667	0.131767	0.025205912
20	rs963576	0.0967742	0.131005	0.025205912
1	rs5177	0.366906	0.417519	0.025219643
1	rs7538578	0.421147	0.47208	0.025219643
1	rs7413154	0.370968	0.421268	0.025219643
1	rs12136759	0.419355	0.369973	0.025219643
10	rs7919851	0.47482	0.424217	0.025219643
15	rs990526	0.277778	0.233675	0.025219643
1	rs11119499	0.207885	0.25196	0.025233381
2	rs10197121	0.295699	0.344399	0.025233381
19	rs2246914	0.243728	0.202523	0.025233381
4	SNP_A-1797970	0.37276	0.325383	0.025247126
4	rs1567497	0.152878	0.11938	0.025247126
5	rs2188500	0.266187	0.314076	0.025247126
8	rs270791	0.360215	0.410283	0.025247126
8	rs2911752	0.129032	0.166156	0.025247126
11	rs1512355	0.261649	0.218665	0.025247126
11	rs1559854	0.266187	0.223074	0.02526088
13	rs9561694	0.269784	0.316973	0.02526088
20	rs4810210	0.0485612	0.0756131	0.02526088
5	rs10491280	0.111111	0.147379	0.025274641
5	rs888644	0.12724	0.096686	0.025274641
8	rs7009936	0.16129	0.201332	0.025274641

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
9	rs10986849	0.350719	0.40109	0.025274641
1	rs6690583	0.222222	0.182004	0.02528841
1	rs10754020	0.356115	0.406505	0.02528841
7	rs17173681	0.240143	0.286469	0.02528841
1	rs12117214	0.446237	0.396558	0.025302187
10	rs3904887	0.225806	0.185709	0.025302187
3	rs2316685	0.482014	0.431105	0.025315972
14	rs8022049	0.340502	0.293756	0.025315972
3	rs1878428	0.351254	0.304259	0.025329764
6	rs228439	0.410394	0.361746	0.025329764
3	rs795437	0.5	0.448858	0.025343565
4	rs2726648	0.403226	0.354124	0.025343565
6	rs6910043	0.178058	0.219877	0.025343565
7	rs3094895	0.189964	0.152404	0.025343565
18	rs17228566	0.289568	0.245572	0.025343565
7	rs17173682	0.240143	0.286421	0.025357373
11	rs7930322	0.0341727	0.0573379	0.025357373
1	rs1000050	0.177419	0.14176	0.025385012
4	rs4241863	0.127698	0.165072	0.025385012
7	rs9641850	0.316547	0.365634	0.025385012
15	rs11634135	0.451613	0.502045	0.025385012
18	rs7242115	0.105735	0.0779332	0.025385012
2	rs12993413	0.0860215	0.11908	0.025398844
5	rs1396486	0.204301	0.166099	0.025398844
10	rs3125329	0.341727	0.294418	0.025398844
14	rs2681768	0.367384	0.417801	0.025398844
1	rs2462012	0.123656	0.0935264	0.025412683
2	rs7603747	0.188849	0.152011	0.025412683
11	rs7943358	0.274194	0.231018	0.025412683
6	rs12194111	0.34767	0.397239	0.02542653
6	rs7764771	0.166667	0.131857	0.02542653
9	rs10974769	0.109319	0.0809199	0.02542653
9	rs7048827	0.274194	0.321356	0.02542653
12	rs17813371	0.152878	0.192806	0.02542653
1	rs3811387	0.516129	0.465417	0.025440385
11	rs10769168	0.0752688	0.0517359	0.025440385
13	rs1536134	0.25	0.296082	0.025440385
20	rs6111621	0.111913	0.147762	0.025440385
1	rs6540802	0.09319	0.0672913	0.025454248
11	rs10893605	0.16129	0.201602	0.025454248
11	rs4753821	0.366906	0.417376	0.025454248
14	rs17198805	0.201439	0.163144	0.025454248
15	rs293385	0.421147	0.47155	0.025454248
22	rs7289890	0.184588	0.14758	0.025454248
1	rs912759	0.44964	0.500854	0.025468119
1	rs572609	0.0483871	0.0747616	0.025468119
3	rs11130012	0.133094	0.101808	0.025468119
8	rs6980601	0.353047	0.306435	0.025468119
8	rs10093908	0.413978	0.465077	0.025468119
12	rs17722632	0.28853	0.336286	0.025468119
13	SNP_A-1879746	0.188172	0.231346	0.025468119
14	rs10150417	0.379928	0.331744	0.025468119

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs7536712	0.451439	0.502557	0.025481998
1	rs2391383	0.0971223	0.0704801	0.025481998
1	rs10158309	0.433692	0.484113	0.025481998
6	rs959687	0.18638	0.229302	0.025481998
7	rs1008038	0.285971	0.334185	0.025481998
11	rs7949022	0.170863	0.212995	0.025481998
9	rs11791135	0.234767	0.280621	0.025495884
11	rs3922	0.446237	0.396558	0.025495884
12	rs10506375	0.260791	0.21842	0.025495884
14	rs8008996	0.207885	0.251532	0.025495884
1	rs618675	0.155914	0.196349	0.025509778
3	rs2029591	0.129032	0.167121	0.025509778
5	rs840390	0.0938628	0.128109	0.025509778
6	rs2180030	0.451613	0.401091	0.025509778
20	rs17502794	0.115108	0.08606	0.025509778
5	rs903420	0.125899	0.163262	0.025523681
12	rs11107901	0.274194	0.231412	0.025523681
13	rs1410643	0.218638	0.264395	0.025523681
15	rs536313	0.253597	0.298907	0.025523681
19	rs3730976	0.327957	0.378157	0.025523681
22	rs7290139	0.428315	0.379387	0.025523681
1	rs2038901	0.369176	0.320735	0.025537591
3	rs4677697	0.40681	0.458092	0.025537591
5	rs32880	0.304659	0.260143	0.025551508
8	rs4495475	0.189964	0.23381	0.025551508
1	rs10802051	0.218638	0.263704	0.025565434
1	rs12122495	0.446043	0.396387	0.025565434
2	rs2271333	0.526978	0.476986	0.025565434
4	rs17314203	0.403226	0.353504	0.025565434
7	rs6461425	0.155914	0.122404	0.025565434
14	rs1958217	0.379496	0.331516	0.025565434
16	rs17693924	0.293907	0.342195	0.025565434
2	rs16865067	0.0842294	0.115935	0.025579368
2	rs11896869	0.399642	0.350426	0.025579368
5	rs6450206	0.0685921	0.0984332	0.025579368
6	rs1474963	0.177419	0.21957	0.025579368
16	rs4587975	0.146953	0.186138	0.025579368
19	SNP_A-1892174	0.102151	0.0749574	0.025579368
1	rs16826818	0.225632	0.270634	0.025593309
2	rs6729754	0.146953	0.186435	0.025593309
3	rs1031838	0.370968	0.421519	0.025593309
9	rs7044154	0.182796	0.146337	0.025593309
11	rs11602521	0.501792	0.451261	0.025593309
17	rs740805	0.150538	0.117105	0.025593309
10	rs10827405	0.351254	0.401226	0.025607259
9	rs3015182	0.126354	0.0964493	0.025621216
1	rs4233435	0.437276	0.488071	0.025649155
3	rs842500	0.275986	0.232003	0.025649155
12	rs7970203	0.179856	0.144244	0.025649155
6	rs9460417	0.179211	0.143392	0.025663136
8	rs7833804	0.308244	0.263032	0.025663136
20	rs514706	0.336918	0.291042	0.025663136

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
20	rs643022	0.306452	0.26184	0.025663136
1	rs11211414	0.283154	0.240116	0.025677125
1	rs10918549	0.290323	0.338396	0.025677125
20	rs2422707	0.478417	0.427524	0.025677125
9	rs4542000	0.259857	0.21728	0.025691122
10	rs2022103	0.177419	0.219229	0.025691122
6	rs3857597	0.125448	0.0952949	0.025705126
10	rs2010363	0.185252	0.228016	0.025705126
12	rs2731272	0.492832	0.441547	0.025705126
1	rs9660009	0.258065	0.304969	0.025719139
1	rs10789368	0.543011	0.49165	0.025719139
8	rs10088694	0.154122	0.120902	0.025719139
16	rs11642397	0.304659	0.353152	0.025719139
2	rs12623575	0.198925	0.160878	0.02573316
4	rs4493502	0.48917	0.437798	0.02573316
6	rs9462165	0.155914	0.196319	0.02573316
7	rs7779245	0.123656	0.160696	0.02573316
8	rs1424874	0.154676	0.194785	0.02573316
19	rs171853	0.34	0.293426	0.02573316
3	rs1979750	0.18705	0.229238	0.025747188
4	rs12511966	0.129032	0.16661	0.025747188
7	rs11977021	0.278777	0.235254	0.025747188
18	rs9945468	0.247312	0.206063	0.025747188
3	rs2675229	0.0698925	0.0997956	0.025761225
9	rs10959870	0.0896057	0.122998	0.025761225
13	rs9528038	0.270909	0.318724	0.025761225
14	rs3790040	0.134892	0.172455	0.025761225
17	rs6501685	0.143885	0.111642	0.025761225
9	rs501434	0.43705	0.487201	0.025775269
16	rs1123925	0.464029	0.414709	0.025775269
14	rs8011611	0.317204	0.366553	0.025789322
6	rs1044429	0.156475	0.122744	0.025803382
2	rs12691894	0.255396	0.302318	0.025817451
6	rs222450	0.145161	0.183663	0.025817451
8	rs4875444	0.46595	0.415872	0.025817451
8	rs1909023	0.146953	0.186371	0.025817451
5	rs17166268	0.111111	0.147239	0.025831527
12	rs7962483	0.261649	0.307627	0.025831527
22	rs1033667	0.345878	0.298332	0.025831527
1	rs16835155	0.107527	0.143369	0.025845611
7	rs7790738	0.347122	0.396628	0.025845611
4	rs7696450	0.170251	0.211119	0.025859704
5	rs1452027	0.386691	0.338441	0.025859704
7	rs1849672	0.168459	0.209639	0.025859704
9	rs12000674	0.0663082	0.0959441	0.025859704
21	rs8134523	0.148746	0.115962	0.025859704
17	rs8074080	0.24552	0.204189	0.025873804
18	rs508987	0.203237	0.246251	0.025873804
2	rs7419564	0.21147	0.173424	0.025887912
3	rs4681784	0.367384	0.320382	0.025887912
6	rs9385301	0.105735	0.140668	0.025887912
7	rs3113123	0.38172	0.334128	0.025887912

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs4835382	0.448029	0.39751	0.025902029
7	rs6969899	0.331541	0.380839	0.025902029
9	rs7025941	0.181655	0.145656	0.025902029
10	rs6481942	0.225806	0.185841	0.025902029
11	rs2860521	0.152878	0.192689	0.025902029
11	rs1949885	0.449458	0.501024	0.025902029
12	rs1684387	0.46223	0.411775	0.025902029
2	rs6729353	0.480216	0.429717	0.025916153
3	rs2695642	0.383513	0.434219	0.025916153
9	rs17060403	0.0395683	0.0643952	0.025916153
5	rs4921078	0.204301	0.166269	0.025930285
6	rs2621383	0.433692	0.384103	0.025930285
10	rs10824019	0.277778	0.23437	0.025930285
3	rs155207	0.242806	0.201943	0.025944425
3	rs11551405	0.24552	0.204468	0.025944425
7	rs6583418	0.401079	0.352931	0.025944425
14	rs1956533	0.396057	0.447189	0.025944425
1	rs3125929	0.353047	0.305432	0.025958574
3	rs12487050	0.326165	0.28013	0.025958574
6	rs9365311	0.387097	0.437521	0.025958574
10	rs10509645	0.302158	0.350375	0.025958574
10	rs4611123	0.168459	0.209568	0.025958574
12	rs11181556	0.197842	0.160532	0.025958574
12	rs34580	0.172043	0.136627	0.025958574
10	rs1674922	0.455197	0.405451	0.02597273
7	rs1049334	0.107914	0.0799795	0.025986894
15	rs7174236	0.24552	0.203988	0.025986894
2	rs16866785	0.274368	0.230586	0.026001067
3	rs267480	0.353047	0.403303	0.026001067
4	rs11733293	0.365591	0.318569	0.026001067
5	rs37575	0.378136	0.329642	0.026001067
5	rs2279855	0.0701439	0.100136	0.026001067
5	rs17098828	0.0985663	0.132343	0.026001067
10	rs4962558	0.229242	0.189249	0.026001067
12	rs3759187	0.103943	0.139353	0.026001067
20	rs11696305	0.222222	0.182902	0.026001067
3	rs352276	0.339928	0.390119	0.026015247
3	rs9289218	0.508961	0.458248	0.026015247
4	rs7684055	0.0340502	0.0567678	0.026015247
10	rs10509415	0.31362	0.268039	0.026015247
13	rs1333525	0.0394265	0.0635434	0.026015247
13	rs9573440	0.315412	0.363543	0.026015247
4	rs1437843	0.424731	0.374531	0.026029436
5	rs6868264	0.366906	0.319145	0.026029436
1	rs873448	0.200717	0.244281	0.026043632
1	rs6698381	0.345878	0.395436	0.026043632
7	rs11763010	0.33213	0.381682	0.026043632
16	rs328345	0.355072	0.405143	0.026043632
18	rs9962096	0.252688	0.298803	0.026043632
1	rs259361	0.442652	0.392808	0.026072049
5	rs40468	0.374552	0.327205	0.026072049
5	rs10866726	0.308244	0.263239	0.026072049

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs1978661	0.241007	0.28681	0.026072049
8	rs949449	0.116487	0.152929	0.026072049
2	rs17026901	0.129496	0.0989441	0.02608627
15	rs16973097	0.100719	0.0735746	0.02608627
5	rs16870514	0.0430108	0.0681431	0.026100498
2	rs12694794	0.16129	0.127514	0.026114735
8	rs7015143	0.227599	0.272232	0.026114735
13	rs724705	0.349638	0.302524	0.026114735
17	rs7209653	0.327957	0.281697	0.026114735
3	rs9809852	0.399642	0.449744	0.02612898
6	rs9378629	0.480287	0.430746	0.02612898
8	rs6988693	0.156475	0.196562	0.02612898
10	rs7916058	0.193548	0.156335	0.02612898
11	rs1627802	0.195341	0.157625	0.02612898
16	rs9926618	0.359206	0.409199	0.02612898
21	rs7281816	0.109319	0.144584	0.02612898
1	rs12034657	0.0824373	0.113954	0.026143233
7	rs3823523	0.460573	0.410252	0.026143233
16	rs16960309	0.22482	0.185027	0.026143233
19	rs10423679	0.102151	0.136519	0.026143233
5	rs2114991	0.392473	0.344016	0.026157494
7	rs6955290	0.261649	0.219208	0.026157494
8	rs10098381	0.0433213	0.0682285	0.026157494
12	rs11068274	0.403226	0.452837	0.026157494
6	rs4708374	0.142086	0.181818	0.026171763
1	rs17379833	0.320789	0.368958	0.02618604
2	rs1105047	0.284946	0.241062	0.02618604
11	rs2595455	0.439068	0.490296	0.02618604
16	rs12446944	0.44086	0.390444	0.02618604
5	rs7711326	0.356631	0.406474	0.026200325
6	rs649395	0.19964	0.243101	0.026200325
7	rs7792546	0.331541	0.38079	0.026200325
7	rs7801166	0.106115	0.140471	0.026200325
13	rs1859756	0.395683	0.347071	0.026200325
16	rs2967284	0.326165	0.280504	0.026200325
18	rs8082727	0.258065	0.304807	0.026200325
3	rs9882210	0.197133	0.160313	0.026214618
5	rs10039804	0.344086	0.393356	0.026214618
11	rs10501924	0.209677	0.171545	0.026214618
1	rs12117194	0.530466	0.479387	0.02622892
8	rs12056740	0.415468	0.466154	0.02622892
9	rs12344698	0.044964	0.070017	0.02622892
10	rs2355638	0.228417	0.188586	0.02622892
11	rs11228120	0.21223	0.173817	0.02622892
2	rs2621978	0.195341	0.238241	0.026243229
3	rs1719607	0.323741	0.277797	0.026243229
13	rs1164139	0.136691	0.175699	0.026243229
15	rs924551	0.0645161	0.093356	0.026243229
21	rs11088961	0.28853	0.245065	0.026243229
2	rs4670469	0.170863	0.135914	0.026257547
5	rs190313	0.0555556	0.0829925	0.026257547
9	rs4837521	0.30036	0.348315	0.026257547

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
16	rs1875205	0.231183	0.190704	0.026257547
18	rs1217190	0.18638	0.229039	0.026257547
20	rs6012080	0.0541516	0.0812883	0.026257547
4	rs9683663	0.333333	0.287249	0.026271873
6	rs9390095	0.301075	0.348909	0.026271873
8	rs17079553	0.0752688	0.106071	0.026271873
11	rs11232211	0.17446	0.139088	0.026271873
17	rs2952283	0.184588	0.226808	0.026271873
19	rs3817397	0.27957	0.327715	0.026271873
19	rs4805273	0.136201	0.174335	0.026271873
21	rs7282352	0.164875	0.130628	0.026271873
2	rs759358	0.18705	0.150136	0.026286207
4	rs1441062	0.295699	0.344282	0.026286207
7	rs2190242	0.168459	0.209639	0.026286207
9	rs3808746	0.108303	0.143929	0.026286207
13	rs10508036	0.270609	0.227861	0.026286207
16	rs1003341	0.197133	0.240034	0.026286207
2	rs4894214	0.0305755	0.0531335	0.026300549
3	rs496479	0.458781	0.409199	0.026300549
5	rs10515588	0.157706	0.124447	0.026300549
6	rs1472642	0.460573	0.410361	0.026300549
10	rs793091	0.286738	0.334355	0.026300549
21	rs229347	0.354839	0.404835	0.026300549
3	rs9878953	0.134409	0.103072	0.026314899
8	rs11779569	0.431408	0.481936	0.026314899
3	rs7637711	0.143885	0.183072	0.026329257
3	rs10513296	0.310036	0.265508	0.026329257
8	rs10955409	0.447653	0.398123	0.026329257
13	rs2875194	0.184588	0.147871	0.026329257
18	rs17729447	0.240143	0.285982	0.026329257
12	rs7963345	0.487455	0.436989	0.026343624
13	rs9582391	0.155914	0.196149	0.026343624
7	rs958404	0.331541	0.380701	0.026357998
14	rs8015726	0.408602	0.359529	0.026357998
6	rs9499580	0.415771	0.366803	0.026372381
9	rs10818472	0.218638	0.263283	0.026372381
11	rs12417545	0.336331	0.29013	0.026372381
12	rs7298492	0.124549	0.094613	0.026372381
13	rs17604461	0.0755396	0.0529552	0.026372381
1	rs1570870	0.177419	0.21859	0.026386772
2	rs1518784	0.146209	0.11432	0.026386772
9	rs870186	0.438849	0.488749	0.026386772
12	rs7299897	0.271583	0.319345	0.026386772
13	rs7336862	0.329749	0.379686	0.026386772
10	rs7069053	0.413978	0.365201	0.026401171
2	rs1385430	0.172043	0.212947	0.026415578
5	rs10042020	0.0521583	0.0789833	0.026415578
6	rs6908010	0.505376	0.454871	0.026415578
1	rs1764319	0.177419	0.218548	0.026429993
4	rs10520320	0.0734767	0.103819	0.026429993
7	rs7790881	0.24552	0.204189	0.026429993
7	rs2348280	0.444444	0.495058	0.026429993

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs913380	0.361511	0.3145	0.026444417
1	rs12035880	0.219424	0.264435	0.026444417
1	rs10863562	0.227599	0.187372	0.026444417
5	rs32776	0.173835	0.21594	0.026444417
8	rs4737999	0.239209	0.285032	0.026444417
10	rs10995412	0.229242	0.189014	0.026444417
5	rs1477281	0.102518	0.137432	0.026458849
7	rs1369496	0.248201	0.207238	0.026458849
8	rs12674548	0.12724	0.097208	0.026458849
1	rs16854012	0.0539568	0.0813715	0.026473289
8	rs12547632	0.310036	0.264656	0.026473289
14	rs10483708	0.228417	0.273083	0.026473289
17	rs4591205	0.0376344	0.0614782	0.026473289
22	rs4819892	0.11828	0.15509	0.026473289
14	rs8013489	0.317204	0.36636	0.026487737
21	rs2838635	0.40681	0.456826	0.026487737
1	rs9426541	0.342294	0.391943	0.026502193
16	rs1531562	0.295699	0.251107	0.026502193
2	rs7582080	0.252688	0.210831	0.026516657
6	rs13203149	0.11828	0.0889193	0.026516657
6	rs4716334	0.138489	0.176551	0.026516657
17	rs11079884	0.0985663	0.132663	0.026516657
4	rs1609116	0.469424	0.41925	0.02653113
5	rs246664	0.0555556	0.082936	0.02653113
5	rs248771	0.430108	0.38148	0.02653113
8	rs2624076	0.145161	0.112662	0.02653113
8	rs2981309	0.25448	0.300681	0.02653113
10	rs7081821	0.0645161	0.0932377	0.02653113
11	rs11225308	0.277778	0.234231	0.02653113
16	rs2923140	0.410394	0.460334	0.02653113
2	rs2244340	0.356631	0.405888	0.026545611
5	rs257474	0.424731	0.375809	0.026545611
7	rs6978512	0.331541	0.380457	0.026545611
8	rs7014649	0.213262	0.174787	0.026545611
10	rs16909797	0.109319	0.144149	0.026545611
11	rs651853	0.0824373	0.114782	0.026545611
14	SNP_A-4276631	0.0949821	0.0689714	0.026545611
14	rs2210180	0.317204	0.366315	0.026545611
15	rs951171	0.28777	0.335264	0.026545611
22	rs6000533	0.521505	0.471229	0.026545611
2	rs2345160	0.139785	0.108044	0.0265601
7	rs9691916	0.447842	0.398536	0.0265601
20	rs17747544	0.444444	0.495051	0.0265601
6	rs7754964	0.449821	0.500511	0.026574598
11	rs17615246	0.189964	0.152863	0.026574598
17	rs3922495	0.197842	0.240886	0.026574598
21	rs9977484	0.177419	0.142028	0.026574598
1	rs997641	0.345878	0.298978	0.026589103
2	rs7571233	0.507194	0.456078	0.026589103
9	rs10817291	0.249104	0.295183	0.026589103
10	rs867626	0.436823	0.487376	0.026589103
2	rs6712089	0.239209	0.285009	0.026603617

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs1240833	0.367273	0.31998	0.026603617
7	rs17598306	0.100719	0.134923	0.026603617
9	rs10858396	0.267025	0.224361	0.026603617
12	rs4764008	0.0698925	0.100136	0.026603617
14	rs2144042	0.192446	0.155419	0.026603617
3	rs6788467	0.0866426	0.118682	0.026618139
10	rs2305206	0.433692	0.483458	0.026618139
20	rs6043283	0.469534	0.419816	0.026618139
1	rs4838908	0.121864	0.158836	0.026632669
2	rs1863071	0.170251	0.135094	0.026632669
9	rs894241	0.044964	0.0706726	0.026632669
14	rs1356843	0.367384	0.41732	0.026632669
18	rs9962558	0.270609	0.317393	0.026632669
1	rs11119552	0.284946	0.241732	0.026647208
3	rs1996663	0.143369	0.182315	0.026647208
13	rs2765320	0.143885	0.111225	0.026647208
14	rs2350137	0.404332	0.355487	0.026647208
17	rs17185043	0.0752688	0.106097	0.026647208
20	rs6022965	0.203237	0.247021	0.026647208
1	rs1974080	0.22043	0.180935	0.026661755
2	rs976160	0.415771	0.36703	0.026661755
5	rs4912933	0.333333	0.287832	0.026661755
7	rs2700919	0.175627	0.217139	0.026661755
8	rs11990285	0.0431655	0.0678949	0.026661755
8	rs7821631	0.158273	0.198532	0.026661755
10	rs12571712	0.412186	0.462521	0.026661755
11	rs6483478	0.134892	0.172795	0.026661755
12	SNP_A-2200553	0.0539568	0.081201	0.026661755
15	rs11857061	0.148746	0.115634	0.026661755
1	rs513049	0.16129	0.201465	0.02667631
5	rs7715679	0.429856	0.38118	0.02667631
7	rs6946418	0.345878	0.300034	0.02667631
13	rs9520260	0.197133	0.159952	0.02667631
17	rs17138469	0.207885	0.169448	0.02667631
1	rs11545882	0.129496	0.166837	0.026690873
3	rs1522936	0.471326	0.420694	0.026690873
12	rs12423796	0.517921	0.467484	0.026690873
14	rs11850831	0.240143	0.285154	0.026690873
16	rs12448471	0.272401	0.229826	0.026690873
17	rs7216570	0.243728	0.289877	0.026690873
1	rs12408916	0.169065	0.134242	0.026705445
1	rs17706475	0.297491	0.253149	0.026705445
11	rs2595468	0.437276	0.488249	0.026705445
13	rs17257154	0.104317	0.138766	0.026705445
4	rs12644073	0.267025	0.224285	0.026720024
5	rs1529686	0.157706	0.124489	0.026720024
8	rs6990764	0.0629496	0.0913593	0.026720024
20	rs6029609	0.421147	0.472061	0.026720024
4	rs2622351	0.344086	0.297854	0.026734613
1	rs2789792	0.413978	0.365293	0.026749209
4	rs706349	0.286738	0.334299	0.026749209
10	rs2420060	0.16129	0.127514	0.026749209

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs10496185	0.0860215	0.118488	0.026763814
2	rs960246	0.0752688	0.105559	0.026763814
8	SNP_A-2128346	0.0698925	0.048277	0.026763814
1	rs605025	0.0467626	0.0723774	0.026778427
3	rs7626018	0.464158	0.413687	0.026778427
13	rs793638	0.195341	0.158316	0.026778427
14	rs2150298	0.317204	0.366236	0.026778427
19	rs2650757	0.243728	0.202864	0.026778427
1	rs12129635	0.0860215	0.0616065	0.026793048
4	rs13115839	0.207885	0.252472	0.026793048
4	rs337628	0.215054	0.259196	0.026793048
17	rs2909218	0.167266	0.207624	0.026793048
4	rs6553184	0.415771	0.366655	0.026807677
5	rs1330647	0.519856	0.469123	0.026807677
7	rs17823517	0.182796	0.146578	0.026807677
12	rs2047054	0.419355	0.370528	0.026807677
8	rs1378035	0.320789	0.368771	0.026822315
12	rs1532349	0.099278	0.0730835	0.026822315
1	rs6424940	0.301075	0.349166	0.026836961
3	rs13071246	0.539711	0.489086	0.026836961
6	rs1325476	0.0501792	0.0771721	0.026836961
12	rs10745735	0.117329	0.088045	0.026836961
14	rs10131137	0.221223	0.265827	0.026836961
2	rs6713754	0.0358423	0.0589438	0.026851616
3	rs17354174	0.310036	0.265668	0.026851616
5	rs1477612	0.458781	0.40906	0.026851616
6	rs542538	0.392473	0.344027	0.026851616
8	rs2360804	0.132616	0.102114	0.026866279
11	rs10082687	0.275986	0.322888	0.026866279
5	rs32775	0.173835	0.21587	0.02688095
6	rs9490794	0.105735	0.140375	0.02688095
11	rs1481892	0.252688	0.299285	0.02688095
18	rs17581972	0.494624	0.444085	0.02688095
2	rs13427223	0.0842294	0.116445	0.026895629
2	rs7599379	0.379928	0.429083	0.026895629
2	rs4675226	0.299639	0.255616	0.026910317
9	rs10973825	0.131295	0.169278	0.026910317
15	rs3816940	0.172043	0.136286	0.026910317
18	rs9941423	0.421147	0.472232	0.026910317
19	rs10520203	0.0681004	0.0977816	0.026910317
20	rs2208185	0.535842	0.485865	0.026910317
2	rs4458144	0.324373	0.278876	0.026925013
13	rs7139557	0.365108	0.318089	0.026925013
1	rs1417231	0.0881295	0.062968	0.026939718
11	rs10898589	0.100358	0.0736447	0.026939718
1	rs2483062	0.0860215	0.0616275	0.026954431
3	rs3845864	0.34767	0.301129	0.026954431
7	rs1450869	0.327957	0.376661	0.026954431
7	rs17147002	0.34767	0.396963	0.026954431
8	rs7818064	0.218638	0.179837	0.026954431
16	rs7203816	0.271583	0.318337	0.026954431
2	rs12618854	0.0815217	0.057771	0.026969152

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs11129740	0.209677	0.253236	0.026969152
4	rs10517741	0.413978	0.365169	0.026969152
5	rs2007303	0.37276	0.422658	0.026969152
2	rs11096605	0.116487	0.151856	0.026983881
6	rs2503627	0.431159	0.381691	0.026983881
10	rs2256766	0.480287	0.430905	0.026983881
13	rs765410	0.119134	0.0898398	0.026983881
9	rs4742226	0.442652	0.393003	0.026998619
11	rs2741775	0.436823	0.487909	0.026998619
22	rs1009150	0.329749	0.284401	0.026998619
2	rs10445757	0.294224	0.342356	0.027013365
6	rs16890791	0.256272	0.302587	0.027013365
8	rs4875445	0.46595	0.416269	0.027013365
10	rs7088780	0.207885	0.251876	0.027013365
20	rs6142044	0.326715	0.375937	0.027013365
5	rs6887275	0.204301	0.166496	0.02702812
13	rs495838	0.210432	0.254511	0.02702812
21	rs8127865	0.172043	0.212972	0.02702812
1	rs565742	0.157706	0.198055	0.027042883
3	SNP_A-2198811	0.177419	0.21825	0.027042883
6	rs2050056	0.0878136	0.120389	0.027042883
8	rs6472776	0.233813	0.193763	0.027042883
8	rs10875380	0.306452	0.355317	0.027042883
9	rs9409992	0.395307	0.445467	0.027042883
12	rs2673689	0.408602	0.359843	0.027042883
14	rs11627587	0.317204	0.366178	0.027042883
20	rs200184	0.415468	0.465711	0.027042883
21	rs2836317	0.111511	0.147149	0.027042883
2	rs6736508	0.451439	0.400886	0.027057655
5	rs4235536	0.451613	0.402451	0.027057655
11	rs11214457	0.0949821	0.128376	0.027057655
18	rs7242969	0.125448	0.16201	0.027057655
6	rs2022991	0.379496	0.332595	0.027072434
10	rs872875	0.244604	0.203779	0.027072434
12	rs9669474	0.155914	0.1224	0.027072434
1	rs12081961	0.259857	0.306853	0.027087223
10	rs1886280	0.420863	0.371677	0.027087223
17	rs12602529	0.0773381	0.107836	0.027087223
22	rs9610304	0.207885	0.251704	0.027087223
2	rs443852	0.315412	0.36359	0.027102019
2	rs2872379	0.196043	0.238768	0.027102019
2	rs11682779	0.359712	0.409942	0.027102019
3	rs4241545	0.317204	0.272557	0.027102019
5	rs6860516	0.417563	0.468132	0.027102019
7	rs6957876	0.476619	0.426771	0.027102019
18	rs6507820	0.0483871	0.0747107	0.027102019
1	rs1853827	0.178058	0.219155	0.027116824
4	rs17314252	0.413978	0.365201	0.027116824
11	rs4128868	0.168459	0.20937	0.027116824
21	rs1735961	0.27957	0.326124	0.027116824
2	rs6436110	0.272401	0.229656	0.027131638
3	rs4688610	0.0878136	0.119721	0.027131638

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs9404463	0.308244	0.263543	0.027131638
2	rs744636	0.338129	0.386712	0.027146459
2	rs1371144	0.15343	0.120143	0.027146459
6	rs9379638	0.453405	0.40344	0.027146459
12	rs1895980	0.203237	0.165644	0.027146459
8	rs13265571	0.482079	0.432538	0.02716129
9	rs7858435	0.473118	0.423732	0.02716129
1	rs2802722	0.408273	0.458078	0.027176128
2	rs7560515	0.0609319	0.0892371	0.027176128
2	rs13410843	0.487455	0.437479	0.027176128
4	rs7659833	0.308244	0.263454	0.027176128
4	rs12501949	0.489209	0.439353	0.027176128
12	rs7975752	0.519713	0.469144	0.027176128
18	rs1786776	0.0394265	0.0638624	0.027176128
18	rs8084077	0.324373	0.279101	0.027176128
1	rs11580965	0.181004	0.144925	0.027190976
6	rs227837	0.360215	0.408859	0.027205831
14	rs17095814	0.218638	0.179618	0.027205831
2	rs6728366	0.476703	0.426796	0.027220695
8	rs1487742	0.121818	0.0920109	0.027220695
13	rs9530499	0.259928	0.306342	0.027220695
15	rs8036777	0.439068	0.389059	0.027220695
1	rs10922719	0.421147	0.47138	0.027235567
5	rs11950065	0.252688	0.211368	0.027235567
6	rs2753138	0.178058	0.220123	0.027235567
7	rs2237326	0.154122	0.121036	0.027235567
9	rs1888150	0.134409	0.171944	0.027235567
8	rs1601194	0.206093	0.168029	0.027250448
10	rs12246611	0.207885	0.251618	0.027250448
18	rs9964176	0.449821	0.400102	0.027250448
20	rs913785	0.0967742	0.130405	0.027250448
20	rs6026274	0.446237	0.396898	0.027250448
1	rs1472051	0.318345	0.272975	0.027265338
11	rs10892975	0.512545	0.462377	0.027265338
12	rs7960614	0.378136	0.330948	0.027265338
5	rs294094	0.105735	0.140811	0.027280235
6	rs443971	0.403986	0.355465	0.027280235
8	rs10503779	0.302158	0.350034	0.027280235
10	rs11248533	0.078853	0.109465	0.027280235
20	rs2244059	0.240143	0.284888	0.027280235
9	rs1359170	0.336331	0.289877	0.027295142
20	rs6042992	0.0971223	0.130835	0.027295142
3	rs2284843	0.354839	0.404364	0.027310056
18	rs4798749	0.241935	0.201294	0.027310056
2	rs2571642	0.404332	0.35612	0.02732498
2	rs7604877	0.541219	0.489615	0.02732498
2	rs10175397	0.201439	0.244372	0.02732498
4	rs7659511	0.52518	0.474258	0.02732498
9	rs7873512	0.454874	0.40559	0.02732498
11	rs4752897	0.163669	0.203678	0.02732498
16	rs2550698	0.141577	0.109199	0.02732498
20	rs6015949	0.308244	0.357143	0.02732498

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs2291853	0.467742	0.418228	0.027339911
11	rs7942222	0.494604	0.444615	0.027339911
11	rs2121575	0.526882	0.476669	0.027339911
15	rs11635019	0.189964	0.153492	0.027339911
5	rs10515771	0.125448	0.163092	0.027354852
6	rs2438074	0.274368	0.321782	0.027354852
16	rs8050204	0.17446	0.139448	0.027354852
17	rs9908987	0.25448	0.3	0.027354852
1	rs17431127	0.341727	0.294549	0.0273698
3	rs6785972	0.353047	0.30654	0.0273698
4	rs10517117	0.175627	0.217547	0.0273698
4	rs11728461	0.518051	0.467588	0.0273698
1	rs12087666	0.394265	0.444046	0.027384757
5	rs1106895	0.155914	0.122956	0.027384757
8	rs10096243	0.33213	0.381301	0.027384757
9	rs696284	0.403226	0.355026	0.027384757
15	rs1466930	0.451613	0.501364	0.027384757
18	rs633286	0.232852	0.277248	0.027384757
14	rs698015	0.396057	0.348041	0.027399723
14	rs10134944	0.115108	0.0860893	0.027399723
1	rs1552290	0.111111	0.0829077	0.027414697
5	rs10061706	0.229391	0.273842	0.027414697
8	rs729513	0.241935	0.28727	0.027414697
16	rs7199774	0.435484	0.387185	0.027414697
1	rs6667780	0.258993	0.305489	0.02742968
4	rs12508566	0.428315	0.379216	0.02742968
7	rs7795595	0.428315	0.379727	0.02742968
13	rs9518615	0.435484	0.386387	0.02742968
18	rs17646035	0.290323	0.246678	0.02742968
1	rs10798330	0.145161	0.184031	0.027444671
1	rs1373293	0.433453	0.483311	0.027444671
2	rs16861121	0.0734767	0.0509543	0.027444671
5	rs456741	0.142086	0.180669	0.027444671
5	rs262859	0.145683	0.11359	0.027444671
16	rs4273053	0.163082	0.203786	0.027444671
3	rs17029455	0.073741	0.0513302	0.027459671
12	rs7957302	0.267025	0.313779	0.027459671
1	rs12137505	0.448029	0.398533	0.027474679
16	rs8062466	0.215827	0.177623	0.027474679
8	rs4737009	0.189964	0.23207	0.027489696
10	rs4489642	0.170863	0.211951	0.027489696
11	rs1615640	0.33871	0.293415	0.027489696
15	rs11633122	0.0434783	0.068942	0.027489696
13	rs9602630	0.228417	0.273177	0.027504721
4	rs17090188	0.104317	0.139059	0.027519755
5	rs12187784	0.483871	0.43439	0.027519755
12	rs11058062	0.134409	0.103207	0.027519755
18	rs2419037	0.453405	0.403689	0.027519755
6	rs1180227	0.449821	0.400477	0.027534797
8	rs6990385	0.228417	0.272805	0.027534797
5	rs10514916	0.284946	0.241743	0.027549848
22	rs16998380	0.141577	0.109785	0.027549848

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs12247217	0.0842294	0.115594	0.027564908
12	rs1473652	0.543165	0.49267	0.027564908
12	rs11109705	0.269784	0.227505	0.027564908
18	rs12607408	0.105735	0.078141	0.027564908
3	rs33493	0.298561	0.346455	0.027579976
11	rs4930430	0.426523	0.477311	0.027579976
1	rs9651083	0.370504	0.323499	0.027595053
9	rs10820215	0.304659	0.352571	0.027595053
9	rs1591421	0.411871	0.363156	0.027595053
10	rs3852458	0.225806	0.186264	0.027595053
11	rs11026455	0.133574	0.103213	0.027595053
13	rs1924299	0.104317	0.138501	0.027595053
1	rs1334806	0.267148	0.225299	0.027610138
2	rs11696024	0.116487	0.151567	0.027610138
2	rs863926	0.333333	0.382363	0.027610138
8	rs6996939	0.360215	0.409277	0.027610138
9	rs10809918	0.224014	0.184264	0.027610138
12	rs16919561	0.0860215	0.0616065	0.027610138
8	rs16904963	0.105735	0.0785617	0.027625232
15	rs7177316	0.439068	0.389192	0.027625232
6	rs511319	0.44086	0.391482	0.027640334
8	rs4073623	0.292115	0.247866	0.027640334
16	rs8062216	0.147482	0.186244	0.027640334
5	rs16891116	0.12724	0.16411	0.027655445
2	rs497973	0.397849	0.447153	0.027670565
10	rs7089243	0.222222	0.183753	0.027670565
1	rs12568218	0.0645161	0.0934197	0.027685693
5	rs16896087	0.240143	0.285495	0.027685693
14	rs8008961	0.238351	0.283282	0.027685693
14	rs10467722	0.274194	0.321356	0.02770083
15	rs690367	0.25448	0.299319	0.02770083
1	rs11162766	0.0609319	0.0894988	0.027715975
4	rs16883273	0.0483871	0.0745913	0.027715975
5	rs9292118	0.22043	0.264595	0.027715975
8	rs13252356	0.22043	0.181756	0.027715975
4	rs1344033	0.212996	0.174804	0.027731129
8	rs10098626	0.437276	0.389097	0.027731129
12	rs11176917	0.0827338	0.11414	0.027731129
16	rs2194279	0.0681004	0.0970048	0.027731129
1	rs859665	0.285971	0.333163	0.027746292
18	rs1702459	0.0539568	0.0807167	0.027746292
1	rs17126675	0.0593525	0.0878148	0.027776643
3	rs6765624	0.209677	0.252985	0.027776643
6	rs973089	0.104317	0.0766074	0.027776643
9	rs2768278	0.115108	0.151107	0.027776643
20	rs911352	0.111111	0.145954	0.027791831
4	SNP_A-4227770	0.306452	0.353883	0.027807028
6	rs9501762	0.178058	0.220273	0.027807028
12	rs11174783	0.159498	0.126022	0.027807028
16	rs9937138	0.449821	0.40017	0.027807028
8	rs6470263	0.241935	0.287125	0.027822234
10	rs4146431	0.435484	0.38658	0.027822234

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
11	rs2166658	0.526882	0.476839	0.027822234
12	rs269806	0.320789	0.275545	0.027822234
17	rs7222501	0.37276	0.324906	0.027822234
20	rs2567608	0.496403	0.446392	0.027822234
7	rs12530540	0.0645161	0.0938671	0.027837449
9	rs1331897	0.339928	0.294178	0.027837449
2	rs16864736	0.537634	0.487743	0.027852672
4	rs16891402	0.0755396	0.106303	0.027852672
4	rs17008373	0.111111	0.146317	0.027852672
1	rs1886503	0.38172	0.333844	0.027867903
9	rs10820216	0.306452	0.354344	0.027867903
9	rs4842091	0.302867	0.258268	0.027867903
3	rs4591526	0.331541	0.28608	0.027883144
8	rs4242497	0.408602	0.360184	0.027883144
13	rs9572034	0.21147	0.254768	0.027883144
5	rs10045987	0.419355	0.469676	0.027898393
7	rs11767506	0.37276	0.422526	0.027898393
12	rs11169170	0.422662	0.472743	0.027898393
13	rs1438646	0.21147	0.254775	0.027898393
13	rs7995700	0.53405	0.483487	0.027898393
20	rs6112513	0.408602	0.458433	0.027898393
2	rs1518099	0.221223	0.265849	0.027913651
5	rs814586	0.324373	0.372188	0.027913651
5	rs4470727	0.415468	0.367632	0.027913651
7	rs4329194	0.190647	0.154174	0.027913651
8	rs2970631	0.366906	0.416269	0.027913651
21	rs2825415	0.284173	0.33106	0.027913651
2	rs10188899	0.270609	0.316462	0.027928917
5	rs25943	0.179856	0.144074	0.027928917
16	rs8045963	0.234767	0.279707	0.027928917
19	rs2133820	0.243728	0.203168	0.027928917
3	rs17043640	0.184588	0.225834	0.027944192
4	rs2118355	0.117329	0.153452	0.027944192
4	rs2171233	0.235612	0.195704	0.027944192
11	rs2840342	0.367384	0.417008	0.027944192
16	rs4787235	0.183453	0.14748	0.027944192
18	rs4940595	0.318996	0.273688	0.027944192
21	rs1709833	0.388889	0.438372	0.027944192
4	rs931448	0.0913978	0.124064	0.027959476
7	rs12698422	0.0483871	0.0745479	0.027959476
2	rs1000624	0.209677	0.253492	0.027974769
11	rs586473	0.344086	0.297651	0.027974769
1	rs1476267	0.351254	0.401056	0.02800538
1	rs10158307	0.433692	0.483311	0.02800538
8	rs11779314	0.12724	0.0972411	0.02800538
8	rs1500898	0.365591	0.414875	0.02800538
13	rs6492172	0.259857	0.218399	0.02800538
6	rs9342585	0.354839	0.403925	0.028020699
12	rs1922270	0.109319	0.0819142	0.028020699
15	rs4924127	0.358423	0.312904	0.028020699
6	rs6908964	0.159498	0.126108	0.028036026
20	rs618897	0.306452	0.26253	0.028036026

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs1414520	0.366906	0.415901	0.028051362
5	rs3846608	0.274194	0.321185	0.028051362
5	rs17061105	0.188172	0.151464	0.028051362
7	rs962294	0.253597	0.299523	0.028051362
20	rs6047191	0.309353	0.265146	0.028051362
2	rs13034681	0.206835	0.168658	0.028066707
3	rs3772883	0.40681	0.359088	0.028066707
4	rs4975071	0.235612	0.280824	0.028066707
6	rs910553	0.428315	0.478542	0.028066707
7	rs10271154	0.213262	0.256734	0.028066707
21	rs2834845	0.184588	0.22557	0.028066707
2	rs6728048	0.231183	0.276338	0.028082061
4	rs6824412	0.430108	0.381431	0.028082061
5	rs573125	0.0555556	0.0828221	0.028082061
7	rs4721102	0.448029	0.498127	0.028082061
18	rs16940664	0.197842	0.161263	0.028082061
19	rs1607664	0.243728	0.203168	0.028082061
1	rs10779675	0.112903	0.148072	0.028097423
2	rs9631013	0.161871	0.128367	0.028097423
12	rs4762205	0.217626	0.261085	0.028097423
16	rs12456	0.100719	0.0742068	0.028097423
4	rs12505222	0.261649	0.308543	0.028112794
11	rs1164673	0.336918	0.384458	0.028112794
1	rs17382457	0.281362	0.328508	0.028128174
3	rs13087397	0.354839	0.404128	0.028128174
21	rs11701265	0.275986	0.322608	0.028128174
3	rs4683029	0.462366	0.413088	0.028143562
8	rs4633069	0.206093	0.168199	0.028143562
21	rs2837623	0.28853	0.336233	0.028143562
21	rs4818873	0.170251	0.210688	0.028143562
1	rs2319971	0.320789	0.368511	0.02815896
5	rs877069	0.244604	0.290218	0.02815896
15	rs16953669	0.0809353	0.112398	0.02815896
1	rs12021752	0.238351	0.283839	0.028174366
2	rs6728347	0.413978	0.365928	0.028174366
2	rs7571015	0.129496	0.0989441	0.028174366
3	rs9826632	0.0555556	0.0827375	0.028174366
3	rs1050088	0.388889	0.438671	0.028174366
3	rs1512044	0.100719	0.0743266	0.028174366
8	rs1382611	0.415771	0.46594	0.028174366
9	rs328846	0.383513	0.336001	0.028174366
11	rs1498476	0.078853	0.110164	0.028174366
3	rs9853121	0.100719	0.074276	0.028189781
4	rs1874648	0.426259	0.377558	0.028189781
11	rs716281	0.49639	0.446642	0.028189781
12	rs1684388	0.462366	0.412777	0.028189781
16	rs7203144	0.37276	0.325494	0.028189781
3	rs310704	0.0913978	0.123808	0.028205204
3	rs13067150	0.394265	0.346796	0.028205204
4	rs13124562	0.177419	0.142175	0.028205204
5	rs375359	0.449821	0.400545	0.028205204
7	rs7782579	0.107527	0.141445	0.028205204

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
12	rs741366	0.150538	0.117427	0.028205204
18	rs8093289	0.22043	0.18109	0.028205204
1	rs7535666	0.24552	0.291284	0.028220637
4	rs8180200	0.234767	0.195097	0.028220637
9	rs1514773	0.301075	0.348366	0.028220637
6	rs2389542	0.18638	0.150375	0.028251528
7	rs6968031	0.166667	0.132458	0.028251528
10	rs11254433	0.189964	0.153649	0.028251528
12	rs7304088	0.131295	0.10116	0.028251528
17	rs4925094	0.519713	0.469857	0.028251528
17	rs3815180	0.11828	0.154514	0.028251528
2	rs6725315	0.182796	0.147189	0.028266987
3	rs7635818	0.492832	0.443914	0.028266987
5	rs26531	0.339928	0.38853	0.028266987
9	rs1806697	0.442652	0.394074	0.028266987
10	rs12411538	0.335125	0.288999	0.028266987
20	rs845605	0.136691	0.105622	0.028266987
1	rs1773560	0.467742	0.417461	0.028282454
2	rs17628074	0.537634	0.4879	0.028282454
7	rs1569079	0.168459	0.134438	0.028282454
12	rs7967625	0.27518	0.232606	0.028282454
17	rs1044420	0.177419	0.218739	0.028282454
1	rs12407822	0.388087	0.437969	0.028297931
2	rs6707030	0.0806452	0.112151	0.028297931
7	rs971648	0.501792	0.451959	0.028297931
7	rs1527479	0.390681	0.440143	0.028297931
14	rs2210181	0.317204	0.365758	0.028297931
15	rs2292175	0.437276	0.487044	0.028297931
17	rs11078512	0.124549	0.161208	0.028297931
2	rs6740818	0.0734767	0.103066	0.028313416
6	rs1513013	0.197842	0.160593	0.028313416
9	rs7034015	0.0824373	0.0588336	0.028313416
10	rs4881109	0.208633	0.252472	0.028313416
10	rs11005618	0.182796	0.224455	0.028313416
12	rs2239050	0.12724	0.0973406	0.028313416
18	rs3098920	0.246403	0.292135	0.028313416
3	rs2134427	0.0896057	0.0644831	0.028359925
8	rs1077593	0.453237	0.50324	0.028359925
9	rs10739343	0.259857	0.218111	0.028359925
10	rs2806158	0.396057	0.445789	0.028359925
13	rs9319303	0.125448	0.162406	0.028359925
14	rs8012559	0.261649	0.307889	0.028359925
3	rs689307	0.244604	0.203918	0.028375445
5	rs1386320	0.216846	0.178134	0.028375445
5	rs1862174	0.216846	0.26064	0.028375445
16	rs1874021	0.218638	0.262002	0.028375445
1	rs1504703	0.387097	0.339523	0.028390975
3	rs1375799	0.103943	0.138577	0.028390975
4	rs1542459	0.148746	0.187543	0.028390975
5	SNP_A-1814267	0.282374	0.238753	0.028390975
7	rs10215545	0.356115	0.30937	0.028390975
9	rs4740823	0.356631	0.310051	0.028390975

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs7601880	0.0949821	0.127852	0.028406513
2	rs2894451	0.0949821	0.127852	0.028406513
5	rs2240800	0.181004	0.145606	0.028406513
12	rs17440893	0.204301	0.166325	0.028406513
13	rs2994906	0.170251	0.209952	0.028406513
15	rs4129470	0.270609	0.228294	0.028406513
5	rs185119	0.215054	0.1761	0.02842206
17	rs203093	0.223022	0.267973	0.02842206
12	rs1993981	0.383513	0.336286	0.028437616
12	rs7964815	0.131295	0.101195	0.028453181
15	rs4774376	0.124549	0.0947924	0.028453181
19	rs9807872	0.225806	0.186435	0.028453181
2	rs2135999	0.402878	0.355003	0.028468754
3	rs12638088	0.267025	0.31299	0.028468754
17	rs1044414	0.166667	0.207255	0.028468754
12	rs3825300	0.151079	0.118018	0.028484337
18	rs7233897	0.31295	0.268222	0.028484337
3	rs4622897	0.324373	0.372446	0.028499928
4	rs1486496	0.235612	0.195838	0.028499928
4	rs4077693	0.46595	0.416269	0.028499928
9	rs10814834	0.498208	0.448959	0.028499928
4	rs195891	0.148746	0.116263	0.028515529
20	rs6086370	0.214029	0.17586	0.028515529
2	rs10490621	0.0899281	0.0650323	0.028531138
4	rs10517595	0.278777	0.235855	0.028531138
7	rs6965205	0.338129	0.292533	0.028531138
13	rs4943327	0.428315	0.378958	0.028531138
2	rs11883583	0.442446	0.492147	0.028562383
6	rs4509144	0.105735	0.139836	0.028562383
8	rs752040	0.270609	0.317036	0.028562383
10	rs4917464	0.399281	0.448705	0.028562383
4	rs2055942	0.318996	0.273919	0.028578019
14	rs8008285	0.11828	0.154069	0.028578019
22	rs1076298	0.281362	0.238152	0.028578019
1	rs4658154	0.410072	0.361793	0.028593664
11	rs2861990	0.523297	0.473442	0.028593664
15	rs399119	0.252688	0.211414	0.028593664
16	rs173759	0.52509	0.475145	0.028593664
2	rs10187299	0.526882	0.476839	0.028609317
3	rs17025857	0.255396	0.300852	0.028609317
4	rs7683010	0.297834	0.345931	0.028609317
5	rs880770	0.315412	0.363	0.028609317
6	rs9368906	0.218638	0.179884	0.028609317
8	rs13267913	0.256272	0.301704	0.028609317
3	rs9868885	0.462366	0.413288	0.02862498
13	rs17471066	0.267025	0.22506	0.02862498
5	rs11953497	0.107527	0.141493	0.028640652
5	rs2300066	0.166667	0.132368	0.028640652
11	rs11026257	0.5	0.449864	0.028640652
2	rs12329085	0.194245	0.237308	0.028656332
4	rs3113757	0.159498	0.198908	0.028656332
13	rs9317240	0.523297	0.472991	0.028656332

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs7635212	0.4319	0.382453	0.028672021
12	rs3759173	0.210432	0.172578	0.028672021
20	rs941798	0.501792	0.451838	0.028672021
1	rs10923015	0.322581	0.370743	0.02868772
5	rs10042097	0.516129	0.466428	0.02868772
19	rs11879589	0.11828	0.0895472	0.02868772
1	rs12048201	0.114695	0.150834	0.028703427
15	rs6494590	0.496416	0.446794	0.028703427
3	rs1153584	0.476703	0.428279	0.028719143
4	rs4648068	0.359712	0.313415	0.028719143
5	rs1422178	0.231183	0.191954	0.028719143
10	rs11191734	0.361511	0.314714	0.028719143
14	rs17103113	0.200717	0.163376	0.028719143
19	rs1897823	0.374552	0.423995	0.028719143
20	rs4297946	0.410394	0.460634	0.028719143
2	rs17335631	0.270609	0.317439	0.028734869
4	rs1825238	0.281588	0.23919	0.028734869
11	rs1481872	0.541219	0.491312	0.028734869
18	rs4441369	0.435484	0.484848	0.028734869
3	rs17354202	0.310036	0.266178	0.028766346
13	rs9567331	0.192446	0.234763	0.028766346
13	rs7984771	0.0430108	0.0674292	0.028766346
13	rs7991916	0.214029	0.257834	0.028766346
14	rs1076861	0.0755396	0.105828	0.028766346
11	rs621363	0.22043	0.181772	0.028782098
12	rs16919502	0.0860215	0.0618188	0.028782098
15	rs10518738	0.111111	0.146146	0.028782098
2	rs9752743	0.492806	0.443101	0.028797859
3	rs2317704	0.370036	0.419223	0.028797859
12	rs10847047	0.243728	0.288908	0.028797859
2	rs4503943	0.430108	0.381682	0.028813629
6	rs6899693	0.363799	0.317144	0.028813629
8	rs11786343	0.311151	0.359407	0.028813629
11	rs570739	0.129032	0.164959	0.028813629
13	rs354789	0.164875	0.204019	0.028813629
4	rs10938502	0.489247	0.440014	0.028829409
12	rs716704	0.133094	0.102761	0.028829409
13	rs1446754	0.146953	0.114402	0.028829409
20	rs12625561	0.299283	0.256127	0.028829409
9	rs1182648	0.528777	0.478727	0.028845197
12	rs7138309	0.442446	0.393965	0.028845197
14	rs847235	0.309353	0.357362	0.028845197
16	rs1546586	0.358423	0.311925	0.028845197
1	rs2820046	0.176259	0.140668	0.028860994
2	rs2709590	0.449821	0.498636	0.028860994
2	rs4670467	0.146953	0.114754	0.028860994
3	rs9863185	0.105735	0.0786517	0.028860994
4	rs1402481	0.439068	0.390231	0.028860994
9	rs2997685	0.0773381	0.108348	0.028860994
11	rs4910511	0.37276	0.325665	0.028860994
16	rs906796	0.320144	0.368601	0.028860994
3	rs9862864	0.193548	0.236035	0.0288768

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs1545876	0.102151	0.0750085	0.0288768
15	rs3784374	0.129032	0.0987402	0.0288768
1	rs17332279	0.148746	0.116695	0.028892615
7	rs2721777	0.326165	0.281144	0.028892615
7	rs2267710	0.267025	0.313224	0.028892615
8	rs7812965	0.261649	0.307862	0.028892615
2	rs11887366	0.193141	0.235354	0.028908439
3	rs7648156	0.485663	0.435753	0.028908439
12	rs1965297	0.419355	0.469346	0.028908439
13	rs3803264	0.301075	0.348242	0.028908439
18	rs1442075	0.324373	0.279462	0.028908439
22	rs16983971	0.241935	0.201396	0.028908439
3	rs7646775	0.166667	0.206503	0.028924272
5	rs1376855	0.385305	0.33816	0.028924272
8	rs1679666	0.145161	0.183339	0.028924272
12	rs4767708	0.354839	0.308819	0.028924272
13	rs4238266	0.159498	0.125894	0.028924272
16	rs12444627	0.0896057	0.0645656	0.028924272
20	rs4603839	0.261649	0.307732	0.028924272
1	rs2282322	0.197133	0.160477	0.028940115
2	rs6718558	0.392086	0.442039	0.028940115
8	rs4541896	0.168459	0.208419	0.028940115
13	rs9509161	0.274194	0.231832	0.028940115
15	rs4932474	0.369176	0.417575	0.028940115
16	rs2343519	0.197842	0.24081	0.028940115
3	rs12152513	0.33574	0.384169	0.028955966
3	rs1105076	0.0430108	0.0679727	0.028955966
11	rs7932890	0.21147	0.173476	0.028955966
12	rs10845472	0.238351	0.282453	0.028955966
18	rs595997	0.146953	0.184712	0.028955966
2	rs1921668	0.27518	0.322438	0.028971826
4	rs1014932	0.31362	0.269349	0.028971826
4	rs1433216	0.512545	0.461853	0.028971826
4	rs10019614	0.421147	0.373297	0.028971826
6	rs9359682	0.311151	0.359237	0.028971826
8	rs11787434	0.19964	0.162581	0.028971826
11	rs11025798	0.376344	0.425383	0.028971826
5	rs6894815	0.519784	0.470508	0.028987695
11	rs2897525	0.194946	0.237048	0.028987695
17	rs3826529	0.44086	0.491479	0.028987695
17	rs9898649	0.123656	0.0942078	0.028987695
1	rs298151	0.31295	0.269074	0.029003574
8	rs10955383	0.310036	0.266099	0.029003574
2	rs17327578	0.173835	0.139003	0.029019461
7	rs4722309	0.386282	0.435775	0.029019461
9	rs10793904	0.367384	0.320491	0.029019461
1	rs637168	0.132616	0.16985	0.029035358
1	rs1539438	0.277778	0.324513	0.029035358
2	rs7563796	0.154122	0.121042	0.029035358
2	rs6433658	0.271583	0.229131	0.029035358
2	rs12613195	0.293907	0.34111	0.029035358
6	rs7767502	0.173835	0.139353	0.029035358

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs9864057	0.256272	0.215503	0.029051263
3	rs12493050	0.240143	0.199898	0.029051263
4	rs1837655	0.306452	0.262432	0.029051263
6	rs9503011	0.0716846	0.0496937	0.029051263
11	rs643744	0.343525	0.297343	0.029051263
16	rs16962157	0.109319	0.0815143	0.029051263
21	rs2823061	0.5	0.450205	0.029051263
22	rs5753105	0.281362	0.238257	0.029051263
1	rs10493414	0.362007	0.411985	0.029067178
1	rs3010370	0.234767	0.279802	0.029067178
1	rs2820026	0.173285	0.138066	0.029083102
3	rs17788518	0.409747	0.459086	0.029083102
10	rs7922151	0.206093	0.248808	0.029083102
11	rs4756756	0.521505	0.471749	0.029083102
11	rs17149234	0.12724	0.0976068	0.029083102
17	rs1448	0.413669	0.365804	0.029083102
2	rs4446018	0.532258	0.482806	0.029099034
5	rs7719851	0.453237	0.503242	0.029099034
5	rs1909705	0.222222	0.265961	0.029099034
8	rs6991513	0.267025	0.225213	0.029099034
14	rs2079505	0.369176	0.418399	0.029099034
17	rs12944809	0.0734767	0.103131	0.029099034
4	rs6827754	0.370968	0.419163	0.029114976
5	rs2397714	0.173835	0.215065	0.029114976
11	rs3942852	0.164875	0.20446	0.029114976
18	rs8087849	0.408273	0.360307	0.029114976
5	rs26998	0.282374	0.239789	0.029130927
7	rs5005919	0.444444	0.494194	0.029130927
12	rs10843993	0.107527	0.141763	0.029130927
16	rs2133804	0.464158	0.415303	0.029130927
3	rs7616180	0.224014	0.267711	0.029146887
5	rs7735361	0.25	0.295369	0.029146887
9	rs12238738	0.34767	0.396181	0.029146887
22	rs2186370	0.223022	0.183691	0.029146887
4	rs10866213	0.238351	0.198672	0.029162857
5	rs6860505	0.359712	0.408299	0.029162857
6	rs9504737	0.100719	0.0743703	0.029162857
1	rs6696853	0.102518	0.136503	0.029178835
4	rs230529	0.451439	0.402726	0.029178835
7	rs2335167	0.482079	0.433435	0.029178835
17	rs12150054	0.136201	0.105425	0.029178835
1	rs2789716	0.218638	0.262351	0.029194822
5	rs1991519	0.223022	0.266792	0.029194822
7	rs7791794	0.136201	0.105111	0.029194822
8	rs4909374	0.385305	0.435116	0.029194822
12	rs10849014	0.247312	0.207114	0.029194822
12	rs697869	0.501792	0.452519	0.029194822
13	rs9302001	0.401079	0.353883	0.029194822
14	rs2210179	0.318345	0.366735	0.029194822
3	rs9882153	0.143369	0.181478	0.029210819
3	rs7373907	0.0899281	0.0648464	0.029210819
3	rs10513813	0.0698925	0.0480736	0.029210819

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs6537852	0.120504	0.091451	0.029226825
1	rs2807875	0.363799	0.412326	0.029226825
4	rs7660113	0.483871	0.434775	0.029226825
6	rs12198605	0.204301	0.16735	0.029226825
6	rs12178740	0.106115	0.1403	0.029226825
18	rs4800973	0.408602	0.36077	0.029226825
20	rs3761218	0.349462	0.397344	0.029226825
2	rs11680216	0.530576	0.480586	0.029242839
2	rs4605311	0.464029	0.415361	0.029242839
5	rs335212	0.0595668	0.0872014	0.029242839
13	rs2991465	0.25448	0.299693	0.029242839
15	rs7165446	0.439068	0.389683	0.029242839
3	rs16831500	0.0896057	0.0648842	0.029258863
4	rs1597473	0.351254	0.305252	0.029258863
5	rs457961	0.143369	0.181555	0.029258863
3	rs3821379	0.265233	0.311755	0.029274896
5	rs17454632	0.272563	0.230245	0.029274896
10	rs11254908	0.356631	0.405281	0.029274896
11	rs1353465	0.494604	0.445997	0.029274896
18	rs7243135	0.440647	0.392845	0.029274896
4	rs2218000	0.148746	0.187287	0.029290939
4	rs1437844	0.419355	0.370446	0.029290939
2	rs4852620	0.0860215	0.117667	0.02930699
6	rs1884270	0.113309	0.148142	0.02930699
7	rs2968854	0.281362	0.239168	0.02930699
2	rs10194273	0.172043	0.212338	0.029323051
8	rs17801625	0.215827	0.178134	0.029323051
8	rs17321459	0.335125	0.289447	0.029323051
10	rs16905928	0.132616	0.101943	0.029323051
11	rs12286769	0.413978	0.463228	0.029323051
1	rs1499678	0.397482	0.447037	0.02933912
3	rs11914870	0.21147	0.173876	0.02933912
4	rs11725660	0.173835	0.214845	0.02933912
10	rs7080111	0.353047	0.401807	0.02933912
11	rs11226019	0.100358	0.133402	0.02933912
3	rs1384175	0.44086	0.49029	0.029355199
4	rs4864440	0.383513	0.432833	0.029355199
5	rs16896083	0.240143	0.284935	0.029355199
5	rs4580755	0.334532	0.382735	0.029355199
5	rs1978629	0.421147	0.470889	0.029355199
8	rs17150478	0.220217	0.181493	0.029355199
10	rs2668902	0.0376344	0.0609673	0.029355199
3	rs1438545	0.326165	0.280504	0.029371287
4	rs1510738	0.159498	0.126194	0.029371287
13	rs6490838	0.193141	0.235705	0.029371287
6	rs3102966	0.428058	0.37934	0.029387385
2	rs6743363	0.11828	0.154239	0.029403491
2	rs12619896	0.46595	0.416894	0.029403491
7	rs6971879	0.175627	0.216354	0.029403491
7	rs304763	0.336918	0.385442	0.029403491
10	rs10732812	0.52509	0.475273	0.029403491
18	rs478743	0.358423	0.407698	0.029403491

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs318362	0.412186	0.364271	0.029419607
13	SNP_A-2205921	0.327957	0.283356	0.029419607
1	rs10752857	0.387097	0.339578	0.029435732
1	rs9427698	0.139785	0.108214	0.029435732
4	rs1549443	0.329749	0.377982	0.029435732
7	rs3800962	0.379928	0.429083	0.029435732
7	rs856554	0.21223	0.255106	0.029435732
7	rs438660	0.0935252	0.126362	0.029435732
10	rs7087980	0.314748	0.362087	0.029435732
13	rs9565393	0.251799	0.297753	0.029435732
17	rs2877762	0.0340502	0.0564269	0.029435732
20	rs383329	0.213262	0.256646	0.029435732
22	rs11090751	0.107914	0.142127	0.029435732
4	rs752970	0.161871	0.128542	0.029451866
11	rs7110568	0.218638	0.179959	0.029451866
12	rs11179324	0.25	0.295431	0.029451866
2	rs16984221	0.0716846	0.101124	0.029468009
6	rs11754064	0.372302	0.326673	0.029468009
10	rs10996893	0.166667	0.206154	0.029468009
20	rs6036748	0.268817	0.227474	0.029468009
2	rs1448317	0.0358423	0.0584128	0.029484161
13	rs9550642	0.112319	0.0844422	0.029484161
1	rs6696547	0.439068	0.390157	0.029500323
5	rs1582420	0.182796	0.147239	0.029500323
6	rs7750835	0.078853	0.109332	0.029500323
10	rs2488576	0.286738	0.333333	0.029500323
10	rs7895609	0.292115	0.249062	0.029500323
20	rs3817877	0.22043	0.181322	0.029500323
2	rs6751330	0.4319	0.384103	0.029516494
4	rs16990587	0.157706	0.125213	0.029516494
22	rs5767670	0.410394	0.362304	0.029516494
2	rs837839	0.336918	0.385456	0.029532674
3	rs13063547	0.252688	0.212168	0.029532674
5	rs1866390	0.250896	0.296113	0.029532674
6	rs10484940	0.412186	0.363977	0.029532674
14	rs7146988	0.0716846	0.101057	0.029532674
20	rs6068345	0.239209	0.283328	0.029532674
12	rs1119678	0.428315	0.380109	0.029548864
16	rs10500388	0.222222	0.183458	0.029548864
2	rs2077783	0.478495	0.429253	0.029565062
8	rs4609225	0.424731	0.376106	0.029565062
9	rs11140836	0.0698925	0.0992847	0.029565062
2	rs6717924	0.164875	0.131391	0.02958127
2	rs17226763	0.304659	0.352199	0.02958127
4	rs10005921	0.335125	0.383345	0.02958127
13	rs6490820	0.145161	0.183413	0.02958127
2	rs2901908	0.168459	0.134412	0.029597487
8	rs2590467	0.182796	0.146928	0.029597487
12	rs11050511	0.102518	0.0762278	0.029597487
14	rs17769866	0.0376344	0.0611584	0.029597487
17	rs11077558	0.123656	0.15906	0.029597487
1	rs197427	0.411871	0.46167	0.029613714

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs7007241	0.155914	0.195297	0.029613714
10	rs4880595	0.216846	0.260722	0.029613714
5	rs1217765	0.249104	0.294348	0.029629949
1	rs11102372	0.408602	0.359993	0.029646194
2	rs10197232	0.541219	0.490447	0.029646194
3	rs4381987	0.0878136	0.0635434	0.029646194
13	rs238270	0.308244	0.355635	0.029646194
5	rs17207212	0.213262	0.175519	0.029662449
17	rs7215210	0.132616	0.10242	0.029662449
2	rs12463406	0.0806452	0.111755	0.029678712
9	rs4421419	0.143369	0.181029	0.029678712
12	rs4765525	0.103943	0.138008	0.029678712
13	rs11616518	0.166667	0.132834	0.029678712
14	rs2243751	0.062724	0.0906453	0.029678712
15	rs16965650	0.392473	0.345039	0.029678712
21	rs2829542	0.451439	0.501364	0.029678712
2	rs970308	0.274194	0.231425	0.029694985
2	rs1979028	0.327957	0.282601	0.029694985
3	rs4854828	0.0860215	0.118358	0.029694985
13	rs9546505	0.386691	0.435945	0.029694985
4	rs1380425	0.149281	0.187841	0.029711267
7	rs10248542	0.491007	0.441658	0.029711267
8	rs11779768	0.385305	0.338501	0.029711267
10	rs3911781	0.166065	0.205552	0.029711267
11	rs11041186	0.0842294	0.0602184	0.029711267
14	rs17183738	0.112903	0.148072	0.029711267
15	rs1393943	0.374552	0.423195	0.029711267
3	rs1522457	0.310036	0.357873	0.029727559
5	rs6871772	0.4319	0.384065	0.029727559
2	rs447721	0.315412	0.362785	0.029743859
3	rs6439158	0.0752688	0.105389	0.029743859
13	rs1410738	0.419065	0.468835	0.029743859
16	rs1039330	0.220217	0.181601	0.029743859
19	rs17684904	0.0935252	0.12671	0.029743859
1	rs1572495	0.114695	0.0865417	0.029760169
1	rs1341988	0.301075	0.348382	0.029760169
3	rs11926976	0.413978	0.463531	0.029760169
4	rs2232028	0.410394	0.460661	0.029760169
5	rs463803	0.143369	0.181431	0.029760169
6	rs1180208	0.449821	0.40109	0.029760169
12	rs10878697	0.164875	0.204731	0.029760169
19	rs7248035	0.0913978	0.123978	0.029760169
2	rs11691702	0.175627	0.141104	0.029776489
2	rs219145	0.361511	0.315162	0.029776489
2	rs2711452	0.385305	0.338847	0.029776489
12	rs12424054	0.273381	0.230939	0.029776489
13	rs1981125	0.136201	0.173891	0.029776489
7	rs10260177	0.136691	0.105523	0.029792817
16	rs720763	0.358423	0.311777	0.029792817
17	rs8064435	0.167266	0.207608	0.029792817
19	rs1533674	0.280576	0.327768	0.029792817
19	rs11084544	0.170863	0.211047	0.029792817

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs1531327	0.181004	0.221767	0.029809155
6	rs565450	0.220217	0.181369	0.029809155
11	rs10742829	0.164875	0.20429	0.029809155
11	rs11224685	0.0430108	0.0674617	0.029809155
18	rs2053519	0.21147	0.254688	0.029809155
2	rs837841	0.336918	0.385363	0.029825503
12	rs11058001	0.136201	0.104905	0.029825503
2	rs1379020	0.0412186	0.0652026	0.029841859
3	rs1320158	0.16426	0.204197	0.029841859
3	rs3821895	0.268817	0.3145	0.029841859
5	rs153012	0.246403	0.206303	0.029841859
5	rs6872437	0.295699	0.341567	0.029841859
6	rs7758230	0.204301	0.16678	0.029841859
8	rs1364960	0.367384	0.320456	0.029841859
4	rs218162	0.312727	0.268417	0.029858225
5	rs10940489	0.539568	0.488923	0.029858225
14	rs734313	0.482079	0.432981	0.029858225
18	rs922048	0.349462	0.397375	0.029858225
1	rs12045240	0.31295	0.360893	0.029874601
2	rs6717207	0.0609319	0.0890061	0.029874601
5	rs11738925	0.451613	0.403643	0.029874601
8	rs7007275	0.374552	0.327774	0.029874601
14	rs2079506	0.368705	0.417804	0.029874601
15	rs871505	0.378136	0.427058	0.029874601
3	rs1949350	0.318996	0.366826	0.029890986
6	rs9459593	0.255396	0.300307	0.029890986
7	rs579049	0.191756	0.155313	0.029890986
13	rs9581774	0.234767	0.279141	0.029890986
3	rs1716741	0.155914	0.195392	0.02990738
3	rs3772884	0.349462	0.303748	0.02990738
13	rs9511625	0.172043	0.211486	0.02990738
16	rs17410049	0.149281	0.188012	0.02990738
16	rs1230	0.366906	0.415474	0.02990738
4	rs11930917	0.15233	0.119809	0.029923783
7	rs1639481	0.380866	0.429033	0.029923783
14	rs10130192	0.455036	0.406303	0.029923783
2	rs4267549	0.339928	0.29523	0.029940196
3	rs2271492	0.232975	0.193449	0.029940196
5	rs7722980	0.516187	0.466712	0.029956618
9	rs1538769	0.258123	0.216672	0.029956618
12	rs11048606	0.0645161	0.0929083	0.029956618
14	rs8015242	0.193548	0.235094	0.029956618
16	rs1110528	0.297491	0.344399	0.029956618
4	rs716201	0.249104	0.294338	0.02997305
6	rs1328691	0.469534	0.420667	0.02997305
3	rs11130100	0.516245	0.466417	0.029989491
5	rs158704	0.105735	0.139891	0.029989491
9	rs10972365	0.303957	0.260655	0.029989491
7	rs1996161	0.33871	0.292462	0.030005941
11	rs682120	0.354839	0.308177	0.030005941
22	rs1441033	0.133094	0.102866	0.030005941
2	rs1460665	0.0878136	0.11998	0.030022401

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs654576	0.143885	0.112095	0.030022401
9	rs1931321	0.143885	0.181555	0.030022401
12	rs2127205	0.435252	0.484455	0.030022401
12	rs2188399	0.353047	0.402044	0.030022401
1	rs4240896	0.422662	0.375724	0.03003887
3	rs4411908	0.406475	0.359237	0.03003887
9	rs1327878	0.258993	0.217621	0.03003887
15	rs7171889	0.107527	0.0800681	0.03003887
2	rs899846	0.143369	0.111811	0.030055349
18	rs6566942	0.222022	0.183276	0.030055349
5	rs40046	0.349638	0.303821	0.030071837
6	rs1890954	0.273381	0.319544	0.030071837
6	rs16882214	0.09319	0.126149	0.030071837
7	rs1189209	0.140288	0.108747	0.030071837
11	rs3858510	0.0752688	0.104869	0.030071837
11	rs12291631	0.109319	0.143661	0.030071837
18	rs470498	0.146953	0.184453	0.030071837
22	rs5756441	0.170251	0.136487	0.030071837
2	rs9309541	0.534173	0.48381	0.030088334
3	rs12639285	0.100358	0.0739101	0.030088334
9	rs7850461	0.387097	0.339986	0.030088334
16	rs4843376	0.437276	0.486717	0.030088334
2	rs2103226	0.274194	0.232356	0.030104841
7	rs10952813	0.209091	0.170761	0.030104841
11	rs11223303	0.0985663	0.0726932	0.030104841
5	rs847821	0.446043	0.495911	0.030121358
11	rs581359	0.388889	0.437905	0.030121358
5	rs1421686	0.182796	0.147379	0.030137884
8	rs7814222	0.305755	0.352911	0.030137884
14	rs11157723	0.442652	0.491823	0.030137884
20	rs6049617	0.297491	0.254598	0.030137884
10	rs10437496	0.160072	0.127003	0.030154419
17	rs17604987	0.290323	0.247107	0.030154419
2	rs13394478	0.0949821	0.127468	0.030170963
4	rs17753973	0.125448	0.161219	0.030170963
4	rs3828502	0.350719	0.399522	0.030170963
8	rs17365982	0.0806452	0.0576989	0.030170963
1	rs10802598	0.0394265	0.0630324	0.030187518
4	rs11723176	0.350719	0.305451	0.030187518
6	rs9386144	0.16129	0.200715	0.030187518
7	rs11763514	0.216846	0.178474	0.030187518
11	rs7114303	0.362007	0.315996	0.030187518
6	rs9479942	0.0394265	0.062649	0.030204081
15	rs2433283	0.215054	0.176941	0.030204081
20	rs6063929	0.142086	0.180314	0.030204081
7	rs11773503	0.397849	0.446678	0.030220654
14	rs17096618	0.406475	0.358577	0.030220654
1	rs7667	0.304659	0.35206	0.030237237
1	rs10443904	0.202509	0.24463	0.030237237
3	rs6767708	0.209677	0.252384	0.030237237
10	rs11259762	0.34767	0.302282	0.030237237
10	rs7475474	0.374552	0.422972	0.030237237

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
12	rs2430605	0.392473	0.441928	0.030237237
13	rs7328345	0.197133	0.239182	0.030237237
1	rs1338188	0.120072	0.155537	0.030253829
2	rs7603585	0.206093	0.249489	0.030253829
2	rs4674516	0.251799	0.21058	0.030253829
7	rs1544011	0.514337	0.46487	0.030253829
8	rs2022958	0.53405	0.484998	0.030253829
11	rs532781	0.336918	0.384707	0.030253829
2	rs6430791	0.227599	0.271394	0.030270431
3	rs16843947	0.370504	0.419223	0.030270431
10	rs10885514	0.270609	0.228698	0.030270431
11	rs7479713	0.223022	0.183986	0.030270431
16	rs12923268	0.464029	0.41539	0.030270431
18	rs13370227	0.348921	0.303547	0.030270431
2	rs2970911	0.399642	0.35189	0.030287042
6	rs17085896	0.177419	0.217695	0.030287042
12	rs3908177	0.51259	0.463032	0.030287042
17	rs11650448	0.365591	0.414593	0.030287042
19	rs2377288	0.158273	0.197104	0.030287042
2	rs11687226	0.209677	0.252895	0.030303662
6	rs628134	0.378136	0.331233	0.030303662
13	rs12430310	0.369176	0.323509	0.030303662
13	rs4771403	0.435018	0.484998	0.030303662
21	rs225427	0.385305	0.433753	0.030303662
1	rs7172	0.137993	0.175068	0.030320292
4	rs1425551	0.516129	0.466769	0.030320292
2	rs1515950	0.21223	0.255457	0.030336932
2	rs1437873	0.145161	0.113513	0.030336932
9	rs555244	0.516129	0.467621	0.030336932
12	rs1922752	0.345324	0.300068	0.030336932
20	rs6047205	0.324373	0.279918	0.030336932
1	rs12081718	0.120072	0.155472	0.030353581
5	SNP_A-1796294	0.109712	0.0820259	0.030353581
5	rs10476663	0.480287	0.431246	0.030353581
6	rs2874334	0.196751	0.160007	0.030353581
7	rs9769615	0.444444	0.395904	0.030353581
20	rs6024830	0.224014	0.267462	0.030353581
1	rs648614	0.462366	0.414276	0.03037024
3	rs13091217	0.442238	0.393722	0.03037024
4	rs4861387	0.27957	0.2373	0.03037024
4	rs17035270	0.236559	0.197611	0.03037024
10	rs10829447	0.170251	0.136286	0.03037024
11	rs11024098	0.261649	0.220293	0.03037024
11	rs687660	0.388489	0.341297	0.03037024
18	rs2542176	0.301075	0.257426	0.03037024
21	rs2823181	0.422939	0.472932	0.03037024
2	rs2239596	0.356631	0.311263	0.030386908
6	SNP_A-2118454	0.078853	0.0556124	0.030386908
5	rs2004010	0.226619	0.187734	0.030403585
5	rs2287655	0.182796	0.147429	0.030403585
5	rs6892403	0.182796	0.147429	0.030403585
10	rs16909800	0.109712	0.143733	0.030403585

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
16	rs16950935	0.197133	0.238923	0.030403585
20	rs1293381	0.302158	0.34896	0.030403585
2	rs1914030	0.145161	0.113041	0.030420273
6	rs17067938	0.0734767	0.0514305	0.030420273
5	rs9292856	0.200717	0.164225	0.030436969
13	rs9514153	0.183453	0.225026	0.030436969
15	rs6495428	0.356631	0.404292	0.030436969
1	rs11163400	0.158273	0.125469	0.030453676
1	rs10754730	0.360215	0.409137	0.030453676
3	rs10935417	0.104317	0.13796	0.030453676
12	rs7315852	0.246403	0.290773	0.030453676
13	rs1359479	0.258123	0.216576	0.030453676
17	rs2969	0.216846	0.259877	0.030453676
1	rs574441	0.1787	0.218942	0.030470392
9	rs306783	0.403226	0.451772	0.030470392
10	rs12768113	0.345878	0.300649	0.030470392
10	rs12219156	0.127698	0.164507	0.030470392
15	rs6496603	0.335125	0.382924	0.030470392
20	rs2284380	0.0376344	0.0613915	0.030470392
9	rs10982546	0.390681	0.343291	0.030487117
11	rs10766064	0.221223	0.264846	0.030487117
1	rs6662879	0.103943	0.0771984	0.030503852
4	rs17086692	0.259857	0.305347	0.030503852
1	rs12091351	0.0866426	0.118098	0.030520597
6	rs585635	0.51444	0.465723	0.030520597
11	rs1783919	0.286738	0.243616	0.030520597
16	rs247403	0.354317	0.308547	0.030520597
7	rs10952923	0.349462	0.397445	0.030537351
9	rs4978927	0.143885	0.181431	0.030537351
11	rs11603299	0.424731	0.376834	0.030537351
13	rs17078956	0.197133	0.239101	0.030554114
20	rs8114158	0.200717	0.163764	0.030554114
11	rs2283238	0.424731	0.474097	0.030570888
16	rs4442833	0.142086	0.18075	0.030570888
10	rs793083	0.291367	0.337829	0.030587671
22	rs5997062	0.384892	0.338155	0.030587671
1	rs16859491	0.0323741	0.0543441	0.030604463
2	rs7421552	0.12724	0.0974446	0.030604463
2	rs11683100	0.0949821	0.127428	0.030604463
5	rs10045029	0.0358423	0.0581514	0.030604463
6	rs2626094	0.165468	0.205521	0.030604463
20	SNP_A-4300291	0.422939	0.472743	0.030604463
1	rs7520755	0.352518	0.401569	0.030621266
7	rs4373455	0.444444	0.493697	0.030621266
8	rs7837703	0.116487	0.151159	0.030621266
10	rs2224532	0.195341	0.159006	0.030621266
1	rs349433	0.422939	0.471541	0.030638077
4	rs2044018	0.0716846	0.0498124	0.030638077
6	rs4463281	0.410394	0.460307	0.030638077
13	rs1241671	0.250896	0.295741	0.030638077
1	rs6696089	0.269784	0.315503	0.030654899
5	rs11949411	0.422939	0.37517	0.030654899

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
7	rs2896350	0.236559	0.19731	0.030654899
9	rs4977372	0.244604	0.204468	0.030654899
10	rs11003114	0.18638	0.227598	0.030654899
18	rs949317	0.271583	0.316803	0.030654899
1	rs4651066	0.0323741	0.0544959	0.03067173
2	rs1561018	0.272401	0.230638	0.03067173
4	rs13123027	0.38172	0.430905	0.03067173
1	rs955894	0.139785	0.108348	0.03068857
2	rs4420663	0.159498	0.126319	0.03068857
3	rs9823782	0.388889	0.342078	0.03068857
5	rs10515379	0.241935	0.286592	0.03068857
12	rs12425238	0.148746	0.116275	0.03068857
8	rs2430804	0.120072	0.155431	0.030705421
10	rs4746374	0.130824	0.168086	0.030705421
1	rs239341	0.422939	0.47156	0.030722281
5	rs13165524	0.272401	0.229983	0.030722281
12	rs11175257	0.0539568	0.0802932	0.030722281
16	rs1498780	0.34767	0.301941	0.030722281
2	rs4666429	0.0595668	0.0872311	0.03073915
2	rs2395847	0.0949821	0.127301	0.03073915
4	rs11100924	0.164875	0.20477	0.03073915
10	rs4622208	0.353047	0.401396	0.03073915
13	rs12431364	0.184588	0.149114	0.03073915
2	rs12619237	0.304659	0.35189	0.03075603
6	rs2457336	0.363309	0.317252	0.03075603
7	rs12705437	0.390681	0.440014	0.03075603
8	rs17367922	0.111111	0.0831346	0.03075603
10	rs12772977	0.111511	0.145997	0.03075603
11	rs11023689	0.492806	0.443876	0.03075603
14	rs8003629	0.275986	0.233731	0.03075603
18	rs16957410	0.326165	0.282082	0.03075603
3	rs6793043	0.265233	0.311308	0.030772919
3	rs6768201	0.145161	0.183482	0.030772919
5	rs2933608	0.433692	0.483464	0.030772919
6	rs6920375	0.444444	0.493518	0.030772919
6	rs9381035	0.311828	0.358433	0.030772919
7	rs10242121	0.429603	0.38166	0.030772919
13	rs2185964	0.143885	0.112228	0.030772919
6	rs3127194	0.428058	0.379727	0.030789817
18	SNP_A-1805881	0.141577	0.110109	0.030789817
2	rs6720459	0.136691	0.105658	0.030806725
6	rs3129932	0.27957	0.236698	0.030806725
13	rs7996230	0.326165	0.374063	0.030806725
20	rs6063881	0.234767	0.278345	0.030806725
13	rs17604530	0.078853	0.0558393	0.030823643
17	rs2018675	0.290323	0.337483	0.030823643
20	rs8173	0.228417	0.272526	0.030823643
3	rs9825983	0.327957	0.376065	0.030840571
6	rs6453848	0.286738	0.333277	0.030840571
7	rs17143933	0.16129	0.200443	0.030840571
7	rs12704036	0.259857	0.304978	0.030840571
16	rs11150206	0.284946	0.242512	0.030840571

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs463750	0.143885	0.181741	0.030857508
5	rs185258	0.0573477	0.0848412	0.030857508
5	rs6866664	0.120072	0.0916525	0.030857508
6	rs2126237	0.146953	0.114729	0.030857508
7	rs10277199	0.0505415	0.0764646	0.030857508
10	rs2384044	0.16787	0.207637	0.030857508
1	rs4659544	0.0722022	0.101874	0.030874455
2	rs10497602	0.114695	0.149523	0.030874455
3	rs12635525	0.456989	0.408348	0.030874455
6	rs4959200	0.144404	0.112534	0.030874455
9	rs1006280	0.264388	0.309264	0.030874455
20	rs2422669	0.139785	0.176902	0.030874455
1	rs2292275	0.297491	0.344422	0.030891412
3	rs6437794	0.442652	0.394683	0.030891412
4	rs2086242	0.160072	0.126749	0.030891412
7	rs7778443	0.342294	0.390423	0.030891412
9	rs4979455	0.422662	0.471721	0.030891412
16	rs1972577	0.421147	0.470869	0.030891412
16	rs1894879	0.299283	0.345603	0.030891412
16	rs6564664	0.460432	0.411584	0.030891412
1	rs2767515	0.412186	0.461683	0.030908379
5	rs10515140	0.261649	0.307404	0.030908379
7	rs3887998	0.353047	0.401533	0.030908379
14	rs1046311	0.154676	0.193306	0.030908379
15	rs4380011	0.375899	0.329472	0.030908379
17	rs203098	0.224014	0.268143	0.030908379
5	rs4705377	0.367384	0.416326	0.030925355
7	rs842449	0.138989	0.10774	0.030925355
18	rs9955907	0.157706	0.196732	0.030925355
20	rs197196	0.344086	0.39186	0.030925355
3	rs17038576	0.0967742	0.12934	0.030942341
4	rs11727749	0.099278	0.132458	0.030942341
18	rs1811441	0.320789	0.276414	0.030942341
22	rs882442	0.242806	0.28681	0.030942341
7	rs1862871	0.238351	0.198945	0.030959336
8	rs6999153	0.491039	0.442249	0.030959336
13	rs12869136	0.249097	0.294499	0.030959336
2	rs17414390	0.0593525	0.0868304	0.030976342
4	rs10030362	0.534173	0.485003	0.030976342
1	rs10736392	0.379928	0.428912	0.030993357
1	rs4907889	0.281362	0.326858	0.030993357
5	rs6872947	0.390681	0.343729	0.030993357
8	rs10504684	0.155797	0.195089	0.030993357
10	rs1870097	0.143885	0.182361	0.030993357
12	rs11173654	0.38172	0.335262	0.030993357
21	rs2834415	0.0949821	0.127304	0.030993357
15	rs12441273	0.11828	0.0896693	0.031010382
20	rs6417404	0.197133	0.161141	0.031010382
3	rs459980	0.514337	0.465723	0.031027416
3	rs9867336	0.275986	0.321976	0.031027416
10	rs11596167	0.129496	0.0995228	0.031027416
2	rs17049328	0.191336	0.233618	0.031044461

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs1542458	0.148746	0.186819	0.031044461
5	rs32783	0.17446	0.215429	0.031044461
5	rs702634	0.267025	0.311713	0.031044461
7	rs1510303	0.528674	0.479053	0.031044461
17	rs9901155	0.168459	0.208518	0.031044461
22	rs405490	0.348921	0.303134	0.031044461
2	rs4849710	0.18638	0.227986	0.031061515
4	rs6843590	0.234767	0.278005	0.031061515
11	rs737502	0.137993	0.175238	0.031061515
11	rs2162159	0.137993	0.175238	0.031061515
2	rs17456106	0.478417	0.429546	0.031078579
5	rs2560593	0.374101	0.422854	0.031078579
6	rs7749074	0.356631	0.405005	0.031078579
13	rs17081386	0.0412186	0.0652915	0.031078579
16	rs6499044	0.33871	0.294178	0.031078579
5	rs10076149	0.422939	0.47208	0.031095652
7	rs7785899	0.299283	0.346167	0.031095652
11	rs1164666	0.369565	0.417376	0.031095652
12	rs10773444	0.367384	0.321416	0.031095652
13	rs9535083	0.539427	0.490123	0.031095652
13	rs2769875	0.343525	0.391735	0.031095652
17	rs16952511	0.140288	0.109364	0.031095652
3	rs544488	0.197133	0.238671	0.031112736
5	rs383830	0.179211	0.220177	0.031112736
6	rs672369	0.239209	0.199557	0.031112736
16	rs10454068	0.464029	0.415587	0.031112736
5	rs1909706	0.224014	0.267303	0.031129829
7	rs2188833	0.301075	0.257844	0.031129829
14	rs1956170	0.136201	0.172461	0.031129829
14	rs12436825	0.136201	0.172455	0.031129829
15	rs8031287	0.306452	0.353542	0.031129829
1	rs12564579	0.37276	0.421151	0.031146932
2	rs17616904	0.197133	0.239449	0.031146932
11	rs10765455	0.143369	0.11204	0.031146932
3	rs1316415	0.367384	0.415843	0.031164045
13	rs7995966	0.526882	0.477327	0.031164045
4	rs12505447	0.216606	0.177827	0.031181168
5	rs9686531	0.0913978	0.123381	0.031181168
6	rs386344	0.496403	0.448158	0.031181168
8	rs7011289	0.367384	0.321295	0.031181168
8	rs1353450	0.446237	0.398331	0.031181168
13	rs9317103	0.216846	0.259202	0.031181168
1	rs12143315	0.369176	0.418173	0.0311983
6	rs12528203	0.194946	0.158982	0.0311983
2	rs4319896	0.508993	0.459257	0.031215442
2	rs720453	0.478495	0.429714	0.031215442
3	rs17075328	0.116487	0.151345	0.031215442
6	rs2313753	0.309353	0.356656	0.031215442
9	rs17768235	0.483871	0.435264	0.031215442
9	rs10990265	0.150538	0.188309	0.031215442
11	rs733224	0.161871	0.128708	0.031215442
3	rs9858164	0.301075	0.257839	0.031232594

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs12205260	0.33935	0.386751	0.031232594
13	rs7336083	0.360215	0.314928	0.031232594
6	rs13219726	0.277778	0.32385	0.031249756
9	rs10980405	0.143369	0.180579	0.031249756
8	rs13272502	0.166667	0.206433	0.031266928
8	rs2616511	0.274194	0.232356	0.031266928
11	rs998686	0.460573	0.412517	0.031266928
13	rs1218307	0.343525	0.392053	0.031266928
20	rs6128922	0.444444	0.396323	0.031266928
1	rs1538687	0.270609	0.316274	0.03128411
7	rs701325	0.142086	0.179023	0.03128411
1	rs1409778	0.408602	0.45707	0.031301301
7	rs17483922	0.143885	0.182283	0.031301301
13	rs1886871	0.0985663	0.0725971	0.031301301
14	rs911671	0.379928	0.333447	0.031301301
4	rs527313	0.243728	0.203578	0.031318502
7	rs6957836	0.329137	0.377214	0.031318502
9	rs960935	0.286738	0.24438	0.031318502
11	rs4936168	0.397849	0.351089	0.031318502
13	rs9509124	0.426523	0.379087	0.031318502
4	rs9291545	0.291367	0.248295	0.031335714
12	rs10492371	0.111111	0.083959	0.031335714
17	rs566569	0.107527	0.141664	0.031335714
2	rs6759892	0.44964	0.400375	0.031352935
4	rs1346132	0.274194	0.232459	0.031352935
6	rs6913666	0.526978	0.47752	0.031352935
9	rs10809564	0.388889	0.341343	0.031352935
10	rs1649943	0.34	0.388093	0.031352935
12	rs4964217	0.15233	0.11955	0.031352935
21	rs183106	0.206835	0.169396	0.031352935
1	rs4650353	0.343525	0.29809	0.031370166
2	rs7563139	0.207885	0.250681	0.031370166
4	rs6833142	0.259857	0.30582	0.031370166
5	rs1017470	0.206835	0.249319	0.031370166
18	rs1907415	0.272401	0.318337	0.031370166
5	rs1450949	0.189964	0.23111	0.031387406
8	rs9969657	0.471326	0.422408	0.031387406
10	rs11202366	0.327338	0.375128	0.031387406
3	rs9881034	0.543011	0.493188	0.031404657
4	rs11725683	0.38172	0.430688	0.031404657
1	rs7354899	0.344086	0.391082	0.031421918
4	rs1903222	0.270609	0.316292	0.031421918
15	rs8029244	0.453237	0.501873	0.031421918
21	rs2205523	0.283154	0.329077	0.031421918
3	rs7620213	0.46223	0.413118	0.031439188
4	rs11729630	0.198925	0.240798	0.031439188
4	rs3849035	0.164875	0.2046	0.031439188
5	rs7708893	0.318996	0.275017	0.031439188
21	rs2245462	0.195341	0.159455	0.031456468
8	rs17078893	0.410072	0.363357	0.031473759
16	rs9635515	0.283154	0.241227	0.031473759
3	rs8179948	0.190647	0.155002	0.031491059

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs4677496	0.109319	0.0818863	0.031491059
7	rs1639484	0.379928	0.427549	0.031491059
11	rs599197	0.354839	0.308558	0.031491059
12	rs3751264	0.11828	0.089748	0.031491059
17	rs11078796	0.503584	0.45484	0.031491059
20	rs6047258	0.412186	0.365123	0.031491059
2	rs11123564	0.256272	0.21577	0.031508369
11	rs16913578	0.0430108	0.0672455	0.031508369
3	rs12498099	0.265343	0.223644	0.031525689
15	rs1108478	0.195341	0.236466	0.031525689
17	rs9901757	0.478339	0.429302	0.031525689
18	rs1788984	0.366906	0.320954	0.031525689
20	rs6117432	0.191756	0.232606	0.031525689
11	rs10892287	0.240143	0.200647	0.031543019
17	rs8073793	0.156475	0.195563	0.031543019
4	rs11942115	0.146953	0.115162	0.031560359
6	rs6921729	0.433692	0.385349	0.031560359
12	rs11613924	0.15233	0.120014	0.031560359
17	rs1552013	0.0806452	0.110619	0.031560359
14	rs17824591	0.239209	0.199625	0.031577709
1	rs11210251	0.451613	0.501192	0.031595068
4	rs7698838	0.11828	0.0899011	0.031595068
11	rs1079338	0.216846	0.178523	0.031595068
19	rs7257553	0.28777	0.245396	0.031595068
20	rs6086797	0.238351	0.198569	0.031595068
1	rs6685370	0.0467626	0.0716474	0.031612438
7	rs10255964	0.349462	0.3046	0.031612438
7	rs1450870	0.342294	0.390177	0.031612438
7	rs215705	0.112903	0.147549	0.031612438
13	rs4769010	0.275986	0.320954	0.031612438
19	rs11882104	0.0394265	0.062649	0.031612438
5	rs6889984	0.0698925	0.0989441	0.031629818
21	rs162378	0.385305	0.338567	0.031629818
2	rs6751123	0.0770609	0.0546262	0.031647208
10	rs10829446	0.170251	0.136534	0.031647208
11	rs3924915	0.265233	0.310627	0.031647208
14	rs10483944	0.142086	0.179522	0.031647208
1	rs17160256	0.142086	0.110542	0.031664607
5	rs6596595	0.154676	0.19295	0.031664607
10	rs17381591	0.360215	0.314632	0.031664607
12	rs7313041	0.204301	0.167291	0.031664607
17	rs16946601	0.130824	0.167405	0.031664607
21	rs2823149	0.419355	0.468984	0.031664607
5	rs10515889	0.182796	0.147712	0.031682017
8	rs1008055	0.47482	0.42616	0.031682017
10	rs2660109	0.530466	0.481103	0.031682017
19	rs2571043	0.401434	0.450136	0.031682017
2	rs11898344	0.193548	0.157357	0.031699437
9	rs3904475	0.249104	0.208546	0.031699437
11	rs2054733	0.464158	0.415928	0.031699437
15	rs7402237	0.349462	0.397204	0.031699437
17	rs1394389	0.222222	0.184435	0.031699437

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs16887914	0.100358	0.0744463	0.031716866
5	rs4703099	0.242806	0.287368	0.031716866
5	rs574071	0.197133	0.239331	0.031716866
13	rs7334739	0.21147	0.254257	0.031716866
6	rs7382464	0.31362	0.270542	0.031734306
7	rs12701864	0.367384	0.415217	0.031734306
9	rs586554	0.351254	0.399047	0.031734306
12	rs11174557	0.229391	0.190565	0.031734306
20	rs2762932	0.165468	0.132253	0.031734306
3	rs13072957	0.349462	0.304192	0.031751755
5	rs6451633	0.197842	0.161996	0.031751755
6	rs6935311	0.383513	0.337645	0.031751755
8	rs1040098	0.521505	0.47208	0.031751755
13	rs4771482	0.304659	0.351107	0.031751755
15	rs12595154	0.492832	0.443933	0.031751755
2	rs12621192	0.356631	0.310944	0.031769215
3	rs1406568	0.451439	0.403066	0.031769215
5	rs456775	0.501805	0.453461	0.031769215
5	rs13436709	0.204301	0.246253	0.031769215
7	rs819457	0.428315	0.477327	0.031769215
7	SNP_A-1846070	0.205036	0.167688	0.031769215
1	rs17414281	0.265233	0.224285	0.031786685
2	rs7578017	0.154122	0.121553	0.031786685
8	rs7009367	0.241935	0.202113	0.031786685
11	rs502834	0.390288	0.439461	0.031786685
13	rs9534842	0.0985663	0.0728669	0.031786685
19	rs2546127	0.212996	0.175409	0.031786685
2	rs6718785	0.0971223	0.130286	0.031804164
3	rs12493973	0.462094	0.41357	0.031804164
7	rs2001599	0.439068	0.487743	0.031804164
8	rs897735	0.537634	0.488582	0.031804164
2	rs17679370	0.535971	0.487214	0.031821654
8	rs17054120	0.147482	0.185773	0.031821654
12	rs607567	0.310036	0.356631	0.031821654
13	rs11069890	0.311151	0.266599	0.031821654
2	rs446947	0.308244	0.264656	0.031839154
2	rs1914029	0.145161	0.113288	0.031839154
5	rs7700866	0.136201	0.172343	0.031839154
6	rs275344	0.303249	0.260061	0.031839154
8	rs16894111	0.159498	0.126319	0.031839154
12	rs470506	0.424731	0.377387	0.031839154
14	rs2681767	0.369176	0.417575	0.031839154
5	rs26071	0.134409	0.10433	0.031856664
11	rs14983	0.265233	0.223944	0.031856664
16	rs2965798	0.363799	0.318801	0.031856664
20	rs6048289	0.462366	0.414422	0.031856664
1	rs2744749	0.347122	0.395095	0.031874183
7	rs12539207	0.0649819	0.0935264	0.031874183
1	rs6657926	0.0539568	0.080348	0.031891713
1	SNP_A-4201031	0.206835	0.1703	0.031891713
4	rs3756098	0.388889	0.342482	0.031891713
5	rs152490	0.113309	0.14789	0.031891713

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
7	rs4732082	0.444444	0.493363	0.031891713
8	rs1521154	0.197842	0.239441	0.031891713
14	rs17129526	0.136201	0.17229	0.031891713
17	rs16554	0.118705	0.15361	0.031891713
22	rs7292562	0.109319	0.0821404	0.031891713
1	rs652234	0.320789	0.276473	0.031909253
13	rs4772392	0.435252	0.484626	0.031909253
20	rs4815042	0.327338	0.283038	0.031909253
4	rs4479686	0.365591	0.413911	0.031926803
6	rs2883881	0.107527	0.0804911	0.031926803
6	rs7452300	0.426523	0.379428	0.031926803
2	rs12617520	0.136201	0.172913	0.031961934
12	rs474817	0.523466	0.474617	0.031961934
2	rs6757022	0.308244	0.264485	0.031979514
4	rs10021833	0.374552	0.327768	0.031979514
5	rs818740	0.473118	0.425068	0.031979514
6	rs541178	0.0863309	0.0624573	0.031979514
7	rs2078118	0.100358	0.074276	0.031979514
8	rs2609603	0.22043	0.182066	0.031979514
14	rs2772518	0.291367	0.249319	0.031979514
1	rs1392132	0.415771	0.368269	0.031997104
1	rs3856200	0.401434	0.450306	0.031997104
8	rs2168331	0.206093	0.169163	0.031997104
13	rs17079258	0.150538	0.188821	0.031997104
13	rs1324038	0.453237	0.405654	0.031997104
15	rs936929	0.31295	0.268825	0.031997104
3	rs9881520	0.510753	0.461355	0.032014705
5	rs449650	0.179211	0.219952	0.032014705
5	rs1501802	0.365591	0.413488	0.032014705
14	rs1756053	0.383513	0.431926	0.032014705
18	rs4800513	0.124101	0.0948158	0.032014705
2	rs7574442	0.265233	0.224403	0.032032315
7	rs12707449	0.336331	0.384576	0.032032315
10	rs1870098	0.143369	0.181523	0.032032315
10	rs4918538	0.215054	0.25801	0.032032315
11	rs2595467	0.439068	0.48842	0.032032315
18	rs9950114	0.21147	0.254434	0.032032315
7	rs11971677	0.44964	0.498806	0.032049936
16	rs7498340	0.26259	0.222203	0.032049936
1	rs10913334	0.0878136	0.11951	0.032067567
4	rs11940746	0.173835	0.21414	0.032067567
8	rs2128127	0.467742	0.41985	0.032067567
10	rs10905876	0.215054	0.177502	0.032067567
15	rs4887019	0.478495	0.430031	0.032067567
8	rs4871401	0.405018	0.454019	0.032085207
12	rs12227270	0.34767	0.302452	0.032085207
13	rs523671	0.193548	0.157751	0.032085207
14	rs2079504	0.369176	0.417519	0.032085207
15	rs10519060	0.307554	0.354536	0.032085207
16	rs9924993	0.166667	0.205862	0.032085207
17	rs2365494	0.0395683	0.062713	0.032085207
2	rs12691693	0.418773	0.371594	0.032102859

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
7	rs2052604	0.413357	0.366178	0.032102859
8	rs4734553	0.363309	0.411805	0.032102859
16	rs893174	0.462094	0.413687	0.032102859
20	rs226186	0.363309	0.31694	0.032102859
4	rs10517989	0.159498	0.126705	0.03212052
10	rs2664280	0.40681	0.455366	0.03212052
13	rs1854521	0.448029	0.497107	0.03212052
15	rs11070591	0.245487	0.290603	0.032138191
10	rs11016744	0.398551	0.351536	0.032155872
13	rs16971537	0.258065	0.217036	0.032155872
15	rs1706826	0.401434	0.450085	0.032155872
17	rs871289	0.413669	0.462142	0.032155872
22	rs132875	0.175627	0.141152	0.032155872
2	rs4246623	0.374101	0.421806	0.032173564
3	rs9870357	0.390681	0.344251	0.032173564
5	rs865410	0.151079	0.189567	0.032173564
6	rs4708347	0.219424	0.261662	0.032173564
14	rs17124909	0.428315	0.381131	0.032173564
2	rs6430833	0.399642	0.449233	0.032191266
3	rs2131108	0.144404	0.182237	0.032191266
20	rs6070143	0.532258	0.483992	0.032191266
1	rs6704373	0.23741	0.28109	0.032208978
6	rs3129249	0.188172	0.228854	0.032208978
9	rs11138012	0.508993	0.46015	0.032208978
2	rs445411	0.315412	0.362134	0.0322267
4	rs1601854	0.175627	0.216308	0.0322267
11	rs4627075	0.155914	0.194586	0.0322267
2	rs10200618	0.284946	0.242672	0.032244432
4	rs2390686	0.0448029	0.0692884	0.032244432
10	rs7917005	0.310036	0.356851	0.032244432
12	rs4931037	0.218638	0.261085	0.032244432
14	rs12883055	0.317204	0.364491	0.032244432
16	rs16977003	0.141577	0.178535	0.032244432
2	rs12621308	0.336918	0.384117	0.032262174
5	rs1366286	0.410394	0.458461	0.032262174
6	rs2496301	0.166667	0.205622	0.032262174
8	SNP_A-2182544	0.387097	0.435967	0.032262174
11	rs1027388	0.535971	0.487381	0.032262174
12	rs4964675	0.222222	0.266008	0.032262174
17	rs1805456	0.09319	0.125936	0.032262174
6	rs6916312	0.263441	0.222733	0.032279927
10	rs4253038	0.392473	0.440395	0.032279927
11	rs7942167	0.417266	0.369802	0.032279927
16	rs2965827	0.421147	0.470187	0.032279927
5	rs2398648	0.118705	0.152991	0.03229769
5	rs34122	0.350719	0.305451	0.03229769
6	rs9345907	0.356631	0.4046	0.03229769
12	rs812796	0.148014	0.186158	0.03229769
14	rs8017210	0.227437	0.189185	0.03229769
1	rs4987299	0.0776173	0.10791	0.032315463
13	rs6490819	0.145683	0.18343	0.032315463
18	rs10871585	0.413978	0.36661	0.032315463

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs6772601	0.460573	0.411785	0.032333246
3	rs12496159	0.370504	0.418569	0.032333246
5	rs461702	0.501792	0.45371	0.032333246
5	rs2964350	0.480287	0.43171	0.032333246
16	rs1641025	0.215054	0.257576	0.032333246
19	rs2681366	0.242806	0.203205	0.032333246
4	rs1400353	0.329749	0.377002	0.03235104
5	SNP_A-2256277	0.127698	0.0987044	0.03235104
8	rs4418381	0.216846	0.259537	0.03235104
9	rs3904024	0.0395683	0.062968	0.03235104
9	rs7846815	0.291367	0.337594	0.03235104
13	rs1334193	0.224014	0.185967	0.03235104
15	rs16973054	0.0989209	0.0729131	0.03235104
1	rs9426209	0.512545	0.463921	0.032368843
10	rs730357	0.24552	0.289222	0.032368843
12	rs7980125	0.27957	0.325716	0.032368843
21	rs11088379	0.304659	0.350614	0.032368843
7	rs11772829	0.250896	0.295811	0.032386657
8	rs7828391	0.351254	0.306474	0.032386657
13	rs2154071	0.143885	0.11259	0.032386657
16	rs7193741	0.366426	0.415385	0.032386657
2	rs1470962	0.370909	0.419305	0.032404482
6	rs6902741	0.327338	0.374617	0.032404482
12	rs2288270	0.422939	0.375681	0.032404482
1	rs2486424	0.401079	0.449744	0.032422316
8	rs767317	0.267986	0.312628	0.032422316
9	rs7872330	0.181004	0.220784	0.032422316
11	rs4265560	0.492806	0.444444	0.032422316
3	rs6787877	0.351254	0.305935	0.032440161
8	rs4872372	0.388489	0.437543	0.032440161
13	rs638323	0.0483871	0.0735444	0.032440161
3	rs6771057	0.42446	0.472922	0.032458015
12	rs2565666	0.0842294	0.11486	0.032458015
17	rs203092	0.22482	0.268654	0.032458015
20	rs6065515	0.541219	0.492497	0.032458015
22	rs1028283	0.155914	0.123255	0.032458015
6	rs802660	0.182796	0.148041	0.032475881
9	rs842304	0.383094	0.336683	0.032475881
14	rs1982963	0.275986	0.234151	0.032475881
16	rs17199690	0.11828	0.152929	0.032475881
21	rs634522	0.148746	0.116923	0.032475881
7	rs7792231	0.130824	0.101158	0.032493756
7	rs842447	0.139785	0.108747	0.032493756
8	rs7831538	0.310469	0.26644	0.032493756
9	rs7863227	0.208633	0.171492	0.032493756
13	rs7981254	0.503597	0.454514	0.032493756
3	rs6769288	0.265233	0.310627	0.032511642
3	rs3846211	0.351986	0.306446	0.032511642
12	rs10492157	0.195341	0.236376	0.032511642
1	rs3124456	0.0842294	0.0606267	0.032529538
4	rs12647211	0.234767	0.196038	0.032529538
8	rs1027264	0.18638	0.151175	0.032529538

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs10904905	0.189964	0.154462	0.032529538
18	rs2346058	0.541219	0.492845	0.032529538
1	rs11207909	0.196751	0.160458	0.032547444
2	rs1880039	0.0824373	0.112777	0.032547444
4	rs7440912	0.258065	0.217495	0.032547444
4	rs1922232	0.275986	0.321295	0.032547444
6	rs802661	0.182796	0.148091	0.032547444
7	rs6975610	0.401434	0.44954	0.032547444
16	rs7405353	0.336918	0.384379	0.032547444
5	rs11745874	0.482079	0.434085	0.03256536
7	rs36876	0.225806	0.187564	0.03256536
9	rs7862181	0.394265	0.347085	0.03256536
20	rs6017878	0.133094	0.103378	0.03256536
2	rs1207418	0.102151	0.135605	0.032583287
13	rs7334221	0.51259	0.463739	0.032583287
14	rs4476094	0.447842	0.496421	0.032583287
18	rs678870	0.383094	0.431834	0.032583287
1	rs4656013	0.460573	0.412807	0.032601224
1	rs10924239	0.113718	0.148294	0.032601224
3	rs4683981	0.296763	0.25393	0.032601224
3	rs17785714	0.0809353	0.111546	0.032601224
5	rs6451634	0.198925	0.163025	0.032601224
8	rs4327859	0.183453	0.14799	0.032601224
1	rs17535067	0.133574	0.103237	0.032619172
3	rs17570449	0.464158	0.416184	0.032619172
3	rs7646723	0.120072	0.0916239	0.032619172
3	rs10433430	0.485663	0.436605	0.032619172
9	rs7032733	0.28853	0.245997	0.032619172
12	rs6581196	0.485663	0.436562	0.032619172
17	rs7210988	0.103943	0.0778005	0.032619172
18	rs609744	0.517986	0.469186	0.032619172
21	SNP_A-2018573	0.120504	0.155537	0.032619172
1	rs10798508	0.31769	0.365155	0.03263713
2	rs1820295	0.201439	0.242925	0.03263713
2	rs10933253	0.205455	0.167973	0.03263713
7	rs2194752	0.353047	0.400409	0.03263713
15	rs8034650	0.0394265	0.0624147	0.03263713
2	rs7563561	0.449821	0.401056	0.032655098
2	rs934396	0.18638	0.226869	0.032655098
6	rs2268721	0.243728	0.287905	0.032655098
10	rs11193697	0.394265	0.348211	0.032655098
11	rs900517	0.100358	0.132709	0.032655098
12	rs11171569	0.26259	0.221806	0.032655098
20	rs6083296	0.305755	0.35273	0.032655098
4	rs1401535	0.258065	0.217665	0.032673076
5	rs17507502	0.100358	0.132754	0.032673076
12	rs9739764	0.261649	0.30654	0.032673076
12	rs7972272	0.354839	0.309751	0.032673076
17	rs7223475	0.164875	0.131534	0.032673076
22	rs16988632	0.21147	0.173935	0.032673076
2	rs4316910	0.318996	0.275128	0.032691065
6	rs7773507	0.356631	0.404462	0.032691065

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
9	rs11788572	0.367384	0.321173	0.032691065
16	rs7500549	0.514337	0.46476	0.032691065
18	rs1942965	0.534173	0.485695	0.032691065
22	rs2542334	0.378136	0.33197	0.032691065
22	rs132881	0.175627	0.141249	0.032691065
5	rs12657875	0.27957	0.324762	0.032709064
6	rs9365242	0.200717	0.164227	0.032709064
6	rs6907666	0.451439	0.404023	0.032709064
15	rs7496895	0.503584	0.454855	0.032709064
1	rs4245703	0.360215	0.407989	0.032727073
3	rs4928091	0.462366	0.414991	0.032727073
3	SNP_A-2060674	0.256272	0.216525	0.032727073
4	rs2063419	0.516187	0.467325	0.032727073
7	rs11531636	0.365591	0.412777	0.032727073
4	rs16869739	0.132246	0.102218	0.032745093
5	rs7707060	0.343525	0.298978	0.032745093
7	rs7803197	0.136201	0.105622	0.032745093
11	rs959367	0.438849	0.488071	0.032745093
11	rs10839656	0.22043	0.18219	0.032745093
1	rs12080191	0.0752688	0.104913	0.032763123
2	rs11680053	0.442029	0.490611	0.032763123
3	rs6438092	0.383094	0.337031	0.032763123
4	rs4388149	0.231183	0.19257	0.032763123
5	rs2168996	0.492832	0.444539	0.032763123
6	rs6910503	0.158845	0.19727	0.032763123
6	rs9365111	0.123656	0.159339	0.032763123
7	rs4725889	0.508961	0.461172	0.032763123
3	rs2317703	0.370968	0.418822	0.032781164
5	rs7705319	0.198925	0.162628	0.032781164
13	rs1445204	0.267025	0.31135	0.032781164
14	rs1958333	0.442238	0.394001	0.032781164
19	rs7252561	0.302867	0.348925	0.032781164
1	rs1890295	0.107527	0.141445	0.032799215
7	rs16872208	0.062724	0.0899489	0.032799215
11	rs11228506	0.482014	0.433721	0.032799215
16	rs10500519	0.532258	0.482629	0.032799215
18	rs2580135	0.467742	0.419959	0.032799215
6	rs2747682	0.215054	0.257328	0.032817276
10	rs11199073	0.0377698	0.0606216	0.032817276
14	rs1951055	0.48741	0.439249	0.032817276
1	rs1572999	0.0830325	0.0592845	0.032835348
8	rs10958656	0.210432	0.252384	0.032835348
13	rs9519365	0.227599	0.189438	0.032835348
1	rs2278652	0.09319	0.124787	0.03285343
6	rs7760466	0.0913978	0.123043	0.03285343
6	rs330839	0.240143	0.200715	0.03285343
7	rs12154282	0.333333	0.380579	0.03285343
18	rs1786768	0.0394265	0.0626066	0.03285343
20	rs17227126	0.102518	0.0759645	0.03285343
2	rs7586098	0.485663	0.438118	0.032871522
3	rs9819178	0.205036	0.24608	0.032871522
5	rs1115080	0.386282	0.339462	0.032871522

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
11	rs10833951	0.260791	0.305792	0.032871522
2	rs4410298	0.197842	0.239175	0.032889625
4	rs12644009	0.428058	0.38045	0.032889625
10	rs4935555	0.129496	0.0995907	0.032889625
11	rs702739	0.134409	0.170412	0.032889625
11	rs743632	0.134409	0.170412	0.032889625
14	rs7158068	0.359712	0.407187	0.032889625
20	rs398523	0.190647	0.231516	0.032889625
1	rs12122931	0.339928	0.294348	0.032907738
2	rs6754391	0.453405	0.405622	0.032907738
3	rs9822356	0.370968	0.418795	0.032907738
4	rs13148787	0.307554	0.353592	0.032907738
11	rs2509345	0.386691	0.434605	0.032907738
21	rs2150425	0.422662	0.375639	0.032907738
2	rs4670659	0.283154	0.240463	0.032925862
4	rs1392761	0.231183	0.192609	0.032925862
9	rs10962417	0.292115	0.337985	0.032925862
10	rs10508512	0.107527	0.0810351	0.032925862
16	rs11150205	0.284946	0.243018	0.032925862
17	rs4795653	0.236559	0.197445	0.032925862
18	rs12962859	0.194245	0.234792	0.032925862
3	rs10804509	0.397849	0.351397	0.032943996
5	rs10035334	0.269928	0.228172	0.032943996
7	rs318571	0.379928	0.334016	0.032943996
7	rs1849661	0.168459	0.207808	0.032943996
13	rs3827694	0.345878	0.300817	0.032943996
2	rs6723140	0.139785	0.1764	0.032962141
2	rs7608175	0.449821	0.401125	0.032962141
7	rs9656686	0.109319	0.143369	0.032962141
10	rs2181522	0.327957	0.375213	0.032962141
2	rs1580359	0.292115	0.249574	0.032980296
5	rs835066	0.116906	0.151567	0.032980296
6	rs9479453	0.0752688	0.104707	0.032980296
11	rs6483831	0.155914	0.194378	0.032980296
11	rs2298776	0.0304659	0.0511247	0.032980296
13	rs17620230	0.0956679	0.128157	0.032980296
15	rs1655213	0.537634	0.489449	0.032980296
1	rs10492998	0.195341	0.236348	0.032998461
2	rs10196226	0.0842294	0.11507	0.032998461
17	rs12603993	0.384892	0.432709	0.032998461
2	rs2304556	0.26259	0.307836	0.033016637
6	rs9351604	0.356631	0.404364	0.033016637
14	rs1950649	0.136201	0.172003	0.033016637
15	rs17684603	0.120504	0.0925103	0.033016637
1	rs12060187	0.541516	0.49285	0.033034823
3	rs1920190	0.387097	0.341002	0.033034823
12	rs12321565	0.107527	0.140982	0.033034823
18	rs7226966	0.269784	0.315314	0.033034823
8	rs1425894	0.360215	0.314973	0.03305302
16	rs11149776	0.293907	0.251278	0.03305302
1	rs12091215	0.0845324	0.0610297	0.033071227
8	rs6982653	0.358423	0.313842	0.033071227

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs9598504	0.334532	0.381852	0.033071227
16	rs1362441	0.494624	0.446678	0.033071227
7	rs10281424	0.149281	0.117918	0.033089445
8	rs7005198	0.155914	0.194037	0.033089445
11	rs2078158	0.388889	0.34294	0.033089445
18	rs2032712	0.102518	0.135434	0.033089445
1	rs12410629	0.247312	0.291368	0.033107673
3	rs9877101	0.234767	0.196185	0.033125912
7	rs11761080	0.301075	0.346967	0.033125912
8	rs1631550	0.363309	0.410702	0.033125912
13	rs1926012	0.433692	0.386123	0.033125912
14	rs12587308	0.453237	0.405451	0.033125912
5	rs42400	0.384477	0.338386	0.033144161
5	rs334890	0.136691	0.105947	0.033144161
6	rs9268645	0.326165	0.373165	0.033144161
9	rs8176720	0.374552	0.328674	0.033144161
11	rs2514088	0.124549	0.0956359	0.033144161
1	rs545711	0.232014	0.193581	0.033162421
4	rs1836781	0.417563	0.465735	0.033162421
8	rs11774381	0.233696	0.277588	0.033162421
11	rs1301784	0.412186	0.46032	0.033162421
12	rs12423726	0.301444	0.348315	0.033162421
13	rs4770836	0.33871	0.294619	0.033162421
16	rs513000	0.125448	0.0962193	0.033162421
5	rs6449561	0.261649	0.221069	0.033180691
6	rs929051	0.375899	0.424583	0.033180691
7	rs11980453	0.0394265	0.0621806	0.033180691
8	rs13257034	0.317204	0.364551	0.033180691
11	rs1393273	0.322581	0.369802	0.033180691
15	rs17421513	0.0376344	0.0610297	0.033180691
15	rs8023259	0.326165	0.282453	0.033180691
5	rs10477929	0.492832	0.443801	0.033198972
8	rs1877839	0.268817	0.313756	0.033198972
11	rs11225417	0.0863309	0.0626066	0.033198972
1	rs6691412	0.240143	0.201124	0.033217263
1	rs9427700	0.139785	0.108822	0.033217263
2	rs12713098	0.293907	0.251538	0.033235565
3	rs2673460	0.349462	0.30531	0.033235565
13	rs2181766	0.387097	0.341289	0.033235565
14	rs1244379	0.422662	0.375468	0.033235565
16	rs4780287	0.358423	0.406059	0.033235565
1	rs12085639	0.169065	0.135278	0.033253877
2	rs6712352	0.422939	0.375894	0.033253877
2	rs2059741	0.0938628	0.125298	0.033253877
3	rs925856	0.193841	0.234423	0.033253877
18	rs1941890	0.322581	0.279652	0.033253877
1	rs12745456	0.317204	0.273595	0.0332722
4	rs3101937	0.433692	0.385729	0.0332722
8	rs11785079	0.240143	0.284079	0.0332722
10	rs11007117	0.489247	0.440926	0.0332722
4	rs17054309	0.206093	0.169338	0.033290533
13	rs2136268	0.258065	0.217302	0.033290533

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
14	rs2150541	0.385305	0.339182	0.033290533
16	rs1900718	0.4319	0.480239	0.033290533
16	rs12921051	0.0842294	0.0608799	0.033290533
1	rs233124	0.348375	0.395087	0.033308877
4	rs233968	0.333333	0.289267	0.033308877
5	rs2081858	0.304659	0.350698	0.033308877
18	rs478692	0.359712	0.407944	0.033308877
3	rs2053859	0.295699	0.341172	0.033327231
3	rs12632067	0.516245	0.466872	0.033327231
4	rs7667016	0.353047	0.308217	0.033327231
8	rs17635461	0.203971	0.167462	0.033327231
13	rs11620298	0.0752688	0.104373	0.033327231
16	rs1344484	0.354839	0.402281	0.033327231
2	rs1461954	0.159498	0.127046	0.033345596
7	rs1076224	0.361511	0.40906	0.033345596
11	rs4426098	0.464158	0.416326	0.033345596
16	rs2550689	0.28853	0.334301	0.033345596
1	rs1352556	0.458781	0.410873	0.033363972
7	rs10274875	0.446237	0.494721	0.033363972
9	rs566587	0.431655	0.385009	0.033363972
10	rs7910788	0.302158	0.259707	0.033363972
12	rs2070876	0.427798	0.380587	0.033363972
15	rs293384	0.401434	0.449147	0.033363972
16	rs1424066	0.433692	0.386201	0.033363972
1	rs10873788	0.203971	0.246248	0.033382358
3	rs2276860	0.268817	0.313522	0.033382358
6	rs12662900	0.324373	0.28075	0.033382358
6	rs4383853	0.182796	0.148211	0.033382358
12	rs10777264	0.422939	0.375512	0.033382358
16	rs2102280	0.24552	0.205692	0.033382358
4	rs1402788	0.163082	0.12999	0.033400755
4	rs1876073	0.431655	0.384288	0.033400755
9	rs7048496	0.0949821	0.126919	0.033400755
10	rs2490699	0.431655	0.47987	0.033400755
12	rs10466956	0.112903	0.0856118	0.033400755
2	rs10186907	0.0645161	0.0920423	0.033419162
3	rs9825965	0.460573	0.412777	0.033419162
4	rs7676405	0.308244	0.265257	0.033419162
9	rs7859587	0.473118	0.424949	0.033419162
11	rs6592177	0.327957	0.283396	0.033419162
13	rs1475797	0.378136	0.426405	0.033419162
4	rs2637713	0.0842294	0.114519	0.03343758
7	rs2348285	0.446237	0.494717	0.03343758
9	rs17259350	0.116487	0.0888472	0.03343758
10	rs161016	0.410394	0.36376	0.03343758
11	rs7102678	0.155914	0.194312	0.03343758
15	rs8031935	0.306452	0.263481	0.03343758
1	rs1570355	0.543011	0.494044	0.033456009
3	rs7636734	0.496416	0.447736	0.033456009
13	rs1417285	0.27957	0.23799	0.033456009
18	rs1469295	0.269784	0.314695	0.033456009
1	rs2136243	0.297491	0.343718	0.033474448

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs3804141	0.0501792	0.075835	0.033474448
10	rs10490958	0.351254	0.306331	0.033474448
14	rs9285602	0.394265	0.347582	0.033474448
15	rs936111	0.179211	0.145073	0.033474448
16	rs11644367	0.428058	0.47632	0.033474448
7	rs10242225	0.294964	0.340429	0.033492898
8	rs11779401	0.388489	0.436286	0.033492898
10	rs11000693	0.277778	0.236466	0.033492898
10	rs11016759	0.120072	0.154937	0.033492898
14	rs11627566	0.320789	0.366951	0.033492898
3	rs2141034	0.141577	0.111225	0.033511358
18	rs16957481	0.327957	0.284424	0.033511358
20	rs12624669	0.103943	0.0775656	0.033511358
1	rs1339337	0.22043	0.263032	0.033529829
1	rs2820037	0.175627	0.141008	0.033529829
6	rs1329542	0.270609	0.229131	0.033529829
6	rs9347875	0.106115	0.139154	0.033529829
17	rs2289607	0.149281	0.187159	0.033529829
2	rs13405989	0.40681	0.455722	0.033548311
2	rs16829491	0.175627	0.141493	0.033548311
2	rs4667970	0.318345	0.364998	0.033548311
5	rs4428437	0.464158	0.417092	0.033548311
6	rs1883447	0.09319	0.125298	0.033548311
7	rs6969642	0.379928	0.428109	0.033548311
11	rs11223699	0.103943	0.137138	0.033548311
13	rs10508138	0.255396	0.215526	0.033548311
8	rs1350556	0.217626	0.179426	0.033566803
11	rs10766384	0.320789	0.27702	0.033566803
18	rs9964424	0.318996	0.276262	0.033566803
22	rs17002034	0.11828	0.0902422	0.033566803
5	rs846946	0.472924	0.425162	0.033585306
16	rs9302807	0.303957	0.350767	0.033585306
4	rs13125760	0.516129	0.467769	0.03360382
5	SNP_A-2022889	0.250896	0.211172	0.03360382
11	rs7951896	0.207885	0.249233	0.03360382
11	rs6483477	0.139785	0.17637	0.03360382
16	rs11639552	0.392473	0.440505	0.03360382
1	rs6671591	0.535842	0.48756	0.033622344
2	rs11894600	0.0770609	0.107155	0.033622344
8	rs10103808	0.062724	0.0900547	0.033622344
15	rs1896807	0.24552	0.206333	0.033622344
20	rs2093148	0.197133	0.160927	0.033622344
4	rs17581311	0.455197	0.407123	0.033640879
4	rs10018129	0.413669	0.461525	0.033640879
10	rs10997145	0.0431655	0.0670648	0.033640879
11	rs531917	0.384892	0.338671	0.033659425
16	rs7206197	0.118705	0.153152	0.033659425
2	rs16867415	0.0773381	0.0551771	0.033677981
3	rs1039024	0.326165	0.283083	0.033677981
8	rs11785512	0.204301	0.245829	0.033677981
14	rs879851	0.38172	0.335831	0.033677981
16	rs1111230	0.453405	0.502044	0.033677981

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs2376022	0.0863309	0.0623935	0.033696548
3	rs6795178	0.307554	0.264906	0.033696548
4	rs10007995	0.399642	0.448364	0.033696548
13	rs2490967	0.136201	0.105999	0.033696548
17	rs7213702	0.0448029	0.0687777	0.033696548
18	rs9952684	0.179211	0.21908	0.033696548
1	rs533483	0.283154	0.241479	0.033715126
2	rs11674647	0.154122	0.122574	0.033715126
4	rs10006360	0.0394265	0.0626917	0.033715126
5	rs960452	0.449821	0.402148	0.033715126
7	rs2299257	0.345324	0.392881	0.033715126
8	rs7017961	0.294224	0.340102	0.033715126
10	rs1503904	0.259928	0.304645	0.033715126
15	rs4405525	0.178058	0.218154	0.033715126
18	rs2044012	0.379928	0.33373	0.033715126
18	rs11082922	0.329749	0.285593	0.033715126
1	rs7519865	0.0878136	0.118529	0.033733714
2	rs10173714	0.453069	0.501875	0.033733714
3	rs2317750	0.370968	0.418569	0.033733714
13	SNP_A-1852125	0.456989	0.409277	0.033733714
15	rs4375605	0.453237	0.405908	0.033733714
16	rs1111223	0.0698925	0.0978187	0.033733714
16	rs3826122	0.193548	0.158029	0.033733714
18	rs7407082	0.358423	0.313522	0.033733714
5	rs12658519	0.234767	0.195941	0.033752314
7	rs3801211	0.38172	0.336512	0.033752314
13	rs2761388	0.492832	0.444482	0.033752314
16	rs12920919	0.390681	0.344528	0.033752314
2	rs2716692	0.453237	0.405193	0.033770923
5	rs10942029	0.0415162	0.0650171	0.033770923
8	rs4909376	0.387097	0.435495	0.033770923
14	rs7161611	0.306452	0.263221	0.033770923
15	rs4357923	0.482014	0.433946	0.033770923
20	rs2325842	0.476534	0.42789	0.033770923
3	rs6784661	0.308244	0.265668	0.033789544
4	rs2584346	0.0812274	0.11149	0.033789544
5	rs190034	0.467742	0.419673	0.033789544
9	rs10760155	0.471223	0.422802	0.033789544
1	rs1546264	0.197133	0.23799	0.033808175
2	rs17024145	0.408602	0.361575	0.033808175
3	rs6438104	0.362007	0.316462	0.033808175
4	rs6854347	0.15343	0.191388	0.033808175
7	rs10488497	0.234767	0.278915	0.033808175
8	rs4573318	0.173835	0.213067	0.033808175
10	rs2038577	0.189964	0.15475	0.033808175
10	rs11200762	0.277174	0.322487	0.033808175
11	rs7931872	0.369176	0.417405	0.033808175
13	rs1359478	0.258065	0.217451	0.033808175
22	rs2207451	0.28853	0.246421	0.033808175
1	rs7548984	0.270609	0.315143	0.033826817
7	rs12532057	0.301075	0.346835	0.033826817
12	rs1175500	0.322581	0.278705	0.033826817

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs4422479	0.189964	0.230494	0.03384547
5	rs4704509	0.25448	0.298807	0.03384547
5	rs1510063	0.208333	0.250085	0.03384547
5	rs2964653	0.435252	0.484322	0.03384547
15	rs11073133	0.291367	0.249233	0.03384547
15	rs17183085	0.0413669	0.0644172	0.03384547
1	rs4484966	0.120504	0.0921635	0.033864134
1	rs12087641	0.204301	0.245734	0.033864134
2	rs10196193	0.351254	0.397921	0.033864134
5	rs17061102	0.18638	0.150988	0.033864134
6	rs228446	0.405018	0.358992	0.033864134
7	rs6971616	0.397112	0.444767	0.033864134
10	rs1975458	0.413669	0.461945	0.033864134
16	rs13330623	0.0770609	0.0547035	0.033864134
19	rs12461618	0.469534	0.42195	0.033864134
21	rs2829547	0.530466	0.4821	0.033864134
2	rs7599060	0.393502	0.346351	0.033882808
4	rs6551666	0.215054	0.256305	0.033882808
6	rs9374204	0.336918	0.292093	0.033882808
18	rs216567	0.3213	0.368861	0.033882808
1	rs4912173	0.0989209	0.13166	0.033901493
12	rs11611737	0.127698	0.163147	0.033901493
18	rs12456880	0.179856	0.220123	0.033901493
4	rs10026591	0.249104	0.292916	0.033920189
5	rs369844	0.336331	0.292093	0.033920189
7	rs10267502	0.121864	0.156505	0.033920189
10	rs3907196	0.170863	0.209386	0.033920189
11	rs10502001	0.271583	0.230153	0.033920189
20	rs10485801	0.0881295	0.11925	0.033920189
21	rs4816665	0.24552	0.206914	0.033920189
6	rs11155003	0.189964	0.230507	0.033938895
6	rs603092	0.277778	0.23712	0.033938895
11	rs1793527	0.239209	0.200512	0.033938895
16	rs1528337	0.435252	0.3887	0.033938895
21	rs9983387	0.136201	0.1059	0.033938895
1	rs6698185	0.107527	0.141253	0.033957613
1	rs2036407	0.354317	0.309475	0.033957613
14	rs1461645	0.0806452	0.0576923	0.033957613
10	rs1904667	0.489209	0.441146	0.033976341
12	rs188551	0.507168	0.459086	0.033976341
13	rs287551	0.129032	0.0997956	0.033976341
13	rs7337292	0.435484	0.388151	0.033976341
16	rs8056052	0.38172	0.42952	0.033976341
6	rs1360468	0.293907	0.251534	0.03399508
18	rs10871580	0.195341	0.236385	0.03399508
2	rs2268987	0.197133	0.16091	0.034013829
3	rs5009801	0.370968	0.418454	0.034013829
3	rs9875156	0.370968	0.418454	0.034013829
3	rs12497154	0.370968	0.418454	0.034013829
14	rs2074932	0.32554	0.372275	0.034013829
16	rs6564592	0.268817	0.227319	0.034013829
16	rs11648855	0.284946	0.243275	0.034013829

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
14	rs712342	0.281362	0.239175	0.03403259
14	rs8007026	0.365591	0.319748	0.03403259
6	rs17654108	0.18638	0.1515	0.034051361
1	rs10927613	0.363799	0.318275	0.034070143
4	rs2278672	0.360215	0.315225	0.034070143
10	rs2577355	0.24552	0.288828	0.034070143
13	rs2260894	0.134892	0.104985	0.034070143
18	rs17644227	0.364621	0.319374	0.034070143
20	rs6057051	0.159498	0.127174	0.034070143
3	rs2717235	0.31362	0.269912	0.034088936
4	rs1462598	0.179211	0.2189	0.034088936
5	rs929458	0.306452	0.263472	0.034088936
11	rs211135	0.424731	0.472913	0.034088936
11	rs11221580	0.208633	0.17212	0.034088936
5	rs7729934	0.268817	0.31412	0.03410774
16	rs1672811	0.214029	0.25596	0.03410774
16	rs8046479	0.345324	0.393125	0.03410774
17	rs9902439	0.523297	0.475298	0.03410774
1	rs4233229	0.178058	0.143637	0.034126555
2	rs17456648	0.353047	0.308138	0.034126555
2	rs17356207	0.167266	0.206263	0.034126555
4	rs7670324	0.403226	0.451822	0.034126555
5	rs26929	0.0609319	0.0877641	0.034126555
6	rs10498686	0.142086	0.179339	0.034126555
6	rs10485001	0.340502	0.386998	0.034126555
8	rs10106730	0.157706	0.196118	0.034126555
8	rs1492649	0.218638	0.18157	0.034126555
8	rs17422137	0.164875	0.203407	0.034126555
10	rs1592050	0.305054	0.262351	0.034126555
1	rs4628571	0.47491	0.427865	0.034145381
1	rs6692645	0.437276	0.390119	0.034145381
2	rs1565073	0.442652	0.491971	0.034145381
13	rs1538801	0.232975	0.194208	0.034145381
15	rs8024461	0.455197	0.503745	0.034145381
18	rs17752493	0.0503597	0.0759796	0.034145381
18	rs6508087	0.120504	0.15526	0.034145381
8	rs2921060	0.48741	0.438779	0.034164217
11	rs1508607	0.252688	0.296252	0.034164217
3	rs4684288	0.0860215	0.0626494	0.034183064
5	rs7718817	0.112903	0.147289	0.034183064
9	rs503897	0.392473	0.34656	0.034183064
10	rs2022377	0.0770609	0.107046	0.034183064
16	rs2941709	0.324373	0.280845	0.034183064
2	rs6544414	0.396057	0.349847	0.034201922
3	rs7629239	0.0611511	0.0880546	0.034201922
7	rs17322413	0.09319	0.0682827	0.034201922
8	rs17347874	0.120072	0.154738	0.034201922
17	rs16954363	0.125448	0.0962722	0.034201922
17	rs202121	0.224014	0.26728	0.034201922
20	rs601470	0.383513	0.337483	0.034201922
1	rs10493174	0.176259	0.215162	0.034220791
3	rs11710959	0.266187	0.311202	0.034220791

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs2119530	0.238351	0.28175	0.034220791
9	rs10122135	0.215827	0.178365	0.034220791
10	rs11193695	0.392473	0.346901	0.034220791
13	rs9535862	0.417563	0.4651	0.034220791
16	rs1348665	0.0701439	0.0984668	0.034220791
18	rs8094680	0.257194	0.217302	0.034220791
1	rs12090588	0.148746	0.186114	0.034239671
2	rs6713895	0.172662	0.211755	0.034239671
6	rs763517	0.293907	0.251533	0.034239671
14	rs17096617	0.405018	0.358311	0.034239671
16	rs1345870	0.478495	0.430447	0.034239671
22	rs2051592	0.154122	0.122105	0.034239671
3	rs6414257	0.405018	0.358725	0.034258562
7	rs4727994	0.236559	0.198055	0.034258562
13	rs9536792	0.537634	0.489785	0.034258562
2	rs11681519	0.228417	0.190655	0.034277464
4	rs2175068	0.209386	0.172861	0.034277464
4	rs1017667	0.508993	0.460007	0.034277464
2	rs7600321	0.227599	0.189373	0.034296376
6	rs17053071	0.0304659	0.0517711	0.034296376
6	rs9365243	0.204301	0.167745	0.034296376
7	rs12718166	0.213262	0.255106	0.034296376
8	rs17685416	0.0377698	0.0602451	0.034296376
8	rs2609616	0.222222	0.183969	0.034296376
18	rs9957562	0.321942	0.278347	0.034296376
1	rs835344	0.403226	0.451618	0.0343153
3	rs1520653	0.370968	0.418371	0.0343153
11	rs7946787	0.236462	0.197476	0.0343153
16	rs2932819	0.142086	0.178924	0.0343153
1	rs683880	0.281362	0.240116	0.034334234
4	rs4697429	0.244604	0.20522	0.034334234
18	rs9949102	0.130824	0.16661	0.034334234
20	rs1571518	0.0985663	0.130843	0.034353179
2	rs7577271	0.125448	0.0968569	0.034372135
3	rs4234464	0.437276	0.486035	0.034372135
6	rs10499026	0.202166	0.165587	0.034372135
12	rs7967559	0.189964	0.15458	0.034372135
1	rs8179356	0.28777	0.332595	0.034391103
2	rs953006	0.0647482	0.0927062	0.034391103
4	rs1441064	0.173835	0.213483	0.034391103
5	rs2248878	0.469534	0.422173	0.034391103
5	rs255561	0.419355	0.467813	0.034391103
5	rs257059	0.221223	0.2634	0.034391103
7	rs6953980	0.204301	0.167575	0.034391103
8	rs3892265	0.0716846	0.0502213	0.034391103
12	rs2041769	0.164875	0.203578	0.034391103
4	rs13134194	0.494624	0.446356	0.034410081
5	rs1363883	0.330935	0.286202	0.034410081
5	rs12514766	0.197842	0.162411	0.034410081
11	rs1390174	0.521505	0.473415	0.034410081
11	rs12289202	0.151079	0.188396	0.034410081
15	rs1623753	0.361511	0.409106	0.034410081

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs4246534	0.388889	0.343047	0.03442907
2	rs6732625	0.09319	0.124744	0.03442907
2	rs13427761	0.370968	0.418541	0.03442907
4	rs2709842	0.390681	0.43848	0.03442907
6	rs12212067	0.0701439	0.0987718	0.03442907
11	rs587925	0.353791	0.308126	0.03442907
13	rs17682494	0.286738	0.245235	0.03442907
21	rs6517303	0.424731	0.473586	0.03442907
1	rs1510310	0.110108	0.0832196	0.03444807
5	rs200107	0.390681	0.344569	0.03444807
5	rs708459	0.419355	0.466962	0.03444807
9	rs7033529	0.104693	0.137649	0.03444807
10	rs3829918	0.307554	0.265157	0.03444807
12	rs10751692	0.422383	0.375855	0.03444807
13	rs773350	0.422939	0.376064	0.03444807
13	rs9519494	0.374101	0.328625	0.03444807
16	rs8054870	0.166667	0.133743	0.03444807
16	rs1874536	0.320789	0.367462	0.03444807
1	rs17406602	0.397849	0.445863	0.034467081
3	rs2054740	0.116487	0.150358	0.034467081
4	rs17539582	0.0863309	0.0627558	0.034467081
6	rs2153535	0.44964	0.498465	0.034467081
7	rs4074568	0.181004	0.146146	0.034467081
11	rs4414197	0.25448	0.298978	0.034467081
19	rs8111313	0.283154	0.329302	0.034467081
4	rs2724567	0.390288	0.43812	0.034486103
12	rs2363600	0.505396	0.457523	0.034486103
1	rs6669417	0.308244	0.264816	0.034505136
2	rs2305573	0.277778	0.235685	0.034505136
2	rs13033217	0.410394	0.459243	0.034505136
7	rs4727570	0.348921	0.304096	0.034505136
9	rs16906093	0.191756	0.156271	0.034505136
9	rs4744027	0.191756	0.156271	0.034505136
11	rs11023054	0.335125	0.38144	0.034505136
11	rs7947746	0.419065	0.372786	0.034505136
20	rs2295492	0.393885	0.441678	0.034505136
3	rs9876904	0.323741	0.370276	0.034524179
13	rs4303351	0.260791	0.220839	0.034524179
13	rs7327118	0.197842	0.238931	0.034524179
13	rs912941	0.0971223	0.0715995	0.034524179
4	rs13146686	0.369176	0.41624	0.034543234
4	rs10454251	0.390681	0.43848	0.034543234
1	rs10493595	0.240143	0.201434	0.0345623
11	rs4910014	0.124101	0.158836	0.0345623
16	rs5004760	0.356631	0.403105	0.0345623
12	rs248818	0.267148	0.226776	0.034581377
15	rs11070410	0.231183	0.273672	0.034581377
16	rs7187986	0.0555556	0.0816014	0.034581377
16	rs9923707	0.0555556	0.0816014	0.034581377
2	rs4665809	0.167266	0.205902	0.034600465
2	rs2879878	0.175627	0.141811	0.034600465
9	rs10760153	0.471119	0.422788	0.034600465

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs10508840	0.116487	0.150648	0.034600465
11	rs2511082	0.366906	0.414738	0.034600465
14	rs2079499	0.129032	0.16468	0.034600465
15	rs1002514	0.104693	0.0783009	0.034600465
16	rs9937943	0.252708	0.212312	0.034600465
4	rs3792211	0.376344	0.330664	0.034619564
4	rs17090336	0.234767	0.196453	0.034619564
4	rs1402787	0.433692	0.386751	0.034619564
5	rs455117	0.378136	0.425496	0.034619564
7	rs6467126	0.239209	0.282549	0.034619564
18	rs7229171	0.15233	0.189973	0.034619564
22	rs165670	0.485663	0.4375	0.034619564
1	rs11203368	0.433692	0.386921	0.034638674
1	rs2814046	0.28777	0.332538	0.034638674
4	rs936589	0.417266	0.465429	0.034638674
8	rs2935766	0.149281	0.186755	0.034638674
10	rs11004515	0.129032	0.0996587	0.034638674
11	rs8177388	0.0896057	0.120566	0.034638674
14	rs11845173	0.0359712	0.0579019	0.034638674
18	rs17628762	0.381295	0.335206	0.034638674
1	rs12044442	0.372302	0.420075	0.034657795
3	rs1877544	0.134409	0.10477	0.034657795
4	rs6823069	0.22043	0.183151	0.034657795
4	rs11735639	0.154122	0.191652	0.034657795
8	rs584541	0.176259	0.142322	0.034657795
9	rs676932	0.209677	0.251448	0.034657795
11	rs3934815	0.292115	0.337645	0.034657795
13	rs9534613	0.261649	0.221465	0.034657795
2	rs1396133	0.394265	0.348263	0.034676927
5	rs13189973	0.239209	0.200272	0.034676927
6	rs17556952	0.179211	0.219591	0.034676927
8	rs11989307	0.157609	0.196075	0.034676927
9	rs17789217	0.354839	0.310116	0.034676927
11	rs10831675	0.213262	0.17615	0.034676927
7	rs6979600	0.213262	0.255026	0.03469607
7	rs4719045	0.0706522	0.0996241	0.03469607
8	rs1373387	0.09319	0.12419	0.03469607
14	rs8006818	0.34296	0.298943	0.03469607
1	rs10921219	0.360215	0.407559	0.034715224
8	rs2719277	0.182796	0.14782	0.034715224
10	rs11004466	0.129496	0.0999659	0.034715224
10	rs7073314	0.295699	0.253576	0.034715224
10	rs7099404	0.541219	0.493354	0.034715224
1	rs2248698	0.421147	0.469134	0.034734389
2	rs7573518	0.229391	0.272061	0.034734389
3	rs9815265	0.508961	0.461355	0.034734389
5	rs830871	0.143369	0.180068	0.034734389
11	rs7396009	0.353047	0.308768	0.034734389
14	rs17179664	0.201439	0.164905	0.034734389
15	rs17819096	0.370504	0.325324	0.034734389
3	rs6773049	0.028777	0.0494543	0.034753565
6	rs441539	0.335125	0.381521	0.034753565

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs17818622	0.137993	0.107726	0.034753565
11	rs2512653	0.12724	0.0979557	0.034753565
12	rs973328	0.322581	0.368529	0.034753565
14	rs4981158	0.308244	0.265077	0.034753565
18	rs4390682	0.439068	0.392845	0.034753565
1	rs239340	0.42446	0.472184	0.034772752
7	rs2283034	0.124101	0.15923	0.034772752
11	rs7395893	0.0806452	0.11077	0.034772752
17	rs17692444	0.491007	0.443139	0.034772752
18	rs17595308	0.0703971	0.0490463	0.034772752
16	rs4782275	0.138489	0.175265	0.034791951
18	rs17774975	0.241877	0.202624	0.034791951
1	rs12129250	0.202509	0.243257	0.03481116
1	rs2820038	0.17509	0.140668	0.03481116
4	rs1976201	0.0960145	0.128328	0.03481116
11	rs4881740	0.353047	0.308713	0.03481116
17	rs16968024	0.168459	0.207155	0.03481116
18	rs11150978	0.145161	0.181958	0.03481116
1	rs10494372	0.268817	0.228464	0.034830381
5	rs17701996	0.0860215	0.0626703	0.034830381
6	rs1180232	0.447842	0.400545	0.034830381
13	rs238328	0.448029	0.400579	0.034830381
6	rs9268877	0.426523	0.380239	0.034849612
13	rs7986481	0.27518	0.320225	0.034849612
18	rs4800259	0.252688	0.212704	0.034849612
2	rs16859703	0.0758123	0.105451	0.034868855
4	rs17314364	0.411871	0.365247	0.034868855
16	rs31982	0.519713	0.47173	0.034868855
5	rs6884962	0.311828	0.357556	0.034888109
6	rs7356818	0.139785	0.109615	0.034888109
12	rs10770927	0.15704	0.195222	0.034888109
17	rs9910842	0.225806	0.188225	0.034888109
20	rs852017	0.235612	0.197238	0.034888109
22	rs132884	0.175627	0.141616	0.034888109
1	rs10753559	0.303957	0.350017	0.034907374
1	rs239967	0.439068	0.487223	0.034907374
8	rs2609651	0.182796	0.147851	0.034907374
8	rs6470447	0.0899281	0.0657357	0.034907374
12	rs12305806	0.259857	0.219857	0.034907374
14	rs10133342	0.172043	0.138595	0.034907374
15	rs2655129	0.268817	0.313629	0.034907374
16	rs6499203	0.271583	0.230835	0.034907374
19	rs1620082	0.381295	0.335041	0.034907374
20	rs6119410	0.0960145	0.071015	0.034907374
4	rs10517460	0.127698	0.0985339	0.03492665
6	rs9390331	0.494604	0.447359	0.03492665
13	rs597425	0.0322581	0.0533583	0.034945937
13	rs7335400	0.123656	0.158541	0.034945937
1	rs7523475	0.107527	0.141056	0.034965236
3	rs12715171	0.365591	0.319857	0.034965236
5	rs6452501	0.422939	0.471785	0.034965236
5	rs17105175	0.132616	0.102996	0.034965236

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
7	rs10224683	0.334532	0.381391	0.034965236
8	rs6557666	0.311828	0.357582	0.034965236
10	rs1006217	0.130824	0.16661	0.034965236
11	rs4753552	0.458633	0.411524	0.034965236
14	rs10132818	0.534296	0.486206	0.034965236
14	rs1956162	0.136691	0.172173	0.034965236
5	rs1689680	0.151625	0.11938	0.034984545
6	rs4959982	0.516245	0.4681	0.034984545
7	rs12540568	0.320789	0.367099	0.034984545
13	rs9315892	0.190647	0.155366	0.034984545
14	rs4903350	0.115108	0.149523	0.034984545
19	rs1834985	0.121864	0.0934085	0.034984545
2	rs723705	0.189964	0.155002	0.035003866
3	SNP_A-2238650	0.0806452	0.110789	0.035003866
4	rs11944669	0.338129	0.385022	0.035003866
4	rs2709819	0.390681	0.438351	0.035003866
6	rs13205986	0.322581	0.279272	0.035003866
8	rs2673590	0.483813	0.436243	0.035003866
14	rs7141366	0.168459	0.135651	0.035003866
15	rs4775261	0.465827	0.418117	0.035003866
16	rs16966881	0.0896057	0.0653361	0.035003866
21	rs2836823	0.501792	0.453631	0.035003866
3	rs10513627	0.154122	0.122446	0.035023197
4	rs6819385	0.439068	0.487066	0.035023197
7	rs4518599	0.428315	0.476442	0.035023197
9	rs901992	0.31362	0.270003	0.035023197
16	rs4984954	0.125899	0.161378	0.035023197
2	rs17526033	0.222022	0.264254	0.03504254
2	rs2711425	0.384892	0.339803	0.03504254
5	rs28068	0.523297	0.474804	0.03504254
7	rs7385360	0.168459	0.207267	0.03504254
1	rs2576238	0.206093	0.247103	0.035061895
8	rs13273164	0.208633	0.251108	0.035061895
10	rs2384682	0.426523	0.475264	0.035061895
13	rs4943388	0.367384	0.415248	0.035061895
16	rs2970077	0.106115	0.0795144	0.035061895
20	rs509062	0.460573	0.413147	0.035061895
8	rs872137	0.27957	0.238722	0.03508126
8	rs10956701	0.435484	0.388492	0.03508126
9	rs646885	0.510753	0.462274	0.03508126
22	rs737750	0.281362	0.23953	0.03508126
3	rs1431968	0.225806	0.268155	0.035100636
4	rs2631265	0.124549	0.0962521	0.035100636
12	rs7308066	0.0501792	0.0745225	0.035100636
16	rs2192859	0.354839	0.401804	0.035100636
17	rs203090	0.22482	0.267985	0.035100636
17	rs1012249	0.0341727	0.055764	0.035100636
1	rs1241181	0.0609319	0.088015	0.035120024
3	rs6443661	0.264388	0.224285	0.035120024
6	rs4896331	0.0448029	0.069312	0.035120024
12	rs1807989	0.256318	0.300613	0.035120024
18	SNP_A-2059249	0.147482	0.18456	0.035120024

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
20	rs564744	0.333333	0.38	0.035120024
2	rs2655450	0.365591	0.320906	0.035139423
6	rs1265290	0.539427	0.49147	0.035139423
8	rs11784248	0.537634	0.489441	0.035139423
16	rs11075661	0.447842	0.400852	0.035139423
21	rs1892728	0.215054	0.256982	0.035139423
4	rs11735670	0.173835	0.213313	0.035158833
9	rs10757743	0.334532	0.291098	0.035158833
12	rs10783194	0.191756	0.232015	0.035158833
19	rs11669301	0.311151	0.356631	0.035158833
1	rs12134611	0.115108	0.0874233	0.035178254
2	rs2460405	0.316547	0.362521	0.035178254
9	rs4977233	0.451613	0.499319	0.035178254
4	rs9996286	0.319495	0.366473	0.035197687
6	rs513776	0.52509	0.476839	0.035197687
6	rs9458064	0.351254	0.398091	0.035197687
7	rs2299394	0.123656	0.158611	0.035197687
10	rs16933842	0.0773381	0.106485	0.035197687
17	rs7215959	0.0448029	0.0682669	0.035197687
2	rs7590342	0.526882	0.478498	0.035217131
6	rs4490696	0.301075	0.346981	0.035217131
21	rs1892729	0.215054	0.256899	0.035217131
2	rs722889	0.103943	0.0779442	0.035236586
6	rs6934927	0.4319	0.479911	0.035236586
7	rs819456	0.428315	0.476336	0.035236586
7	rs10269665	0.408602	0.362521	0.035236586
18	rs2612341	0.160072	0.127982	0.035236586
7	rs842435	0.140288	0.109556	0.035256052
12	rs2655888	0.514337	0.466451	0.035256052
13	rs1331535	0.149281	0.118148	0.035256052
13	rs4578513	0.188172	0.153152	0.035256052
15	rs939626	0.429603	0.477838	0.035256052
1	rs697260	0.102151	0.134517	0.03527553
2	rs426590	0.308244	0.265407	0.03527553
6	rs9381594	0.396057	0.350358	0.03527553
17	rs2429431	0.52509	0.477358	0.03527553
18	rs12954315	0.154122	0.122105	0.03527553
20	rs1474734	0.270609	0.230402	0.03527553
1	rs2311336	0.37276	0.327028	0.035295018
1	rs2744741	0.34767	0.394746	0.035295018
3	rs2717319	0.0645161	0.0924098	0.035295018
4	rs17330649	0.299283	0.344569	0.035295018
6	rs6922518	0.372302	0.419993	0.035295018
3	rs301542	0.308244	0.354103	0.035314518
7	rs3807806	0.453237	0.405567	0.035314518
1	rs12563264	0.336918	0.383986	0.03533403
2	rs12470949	0.247312	0.290361	0.03533403
3	rs2553419	0.543011	0.494888	0.03533403
8	rs2624100	0.0752688	0.104394	0.03533403
2	rs1405646	0.426523	0.379598	0.035353552
3	rs6769283	0.266187	0.310926	0.035353552
3	rs11708123	0.252688	0.213092	0.035353552

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs4697381	0.21223	0.175666	0.035353552
12	rs12306748	0.150538	0.119072	0.035353552
17	rs755424	0.217626	0.259884	0.035353552
21	rs2838445	0.482014	0.434412	0.035353552
1	rs897635	0.283394	0.241621	0.035373086
1	rs12408952	0.19964	0.24045	0.035373086
1	rs622239	0.362007	0.409727	0.035373086
7	rs2216951	0.353047	0.399625	0.035373086
9	rs9299104	0.206093	0.170133	0.035373086
11	rs1945110	0.327338	0.283498	0.035373086
15	rs4547312	0.272401	0.316229	0.035373086
1	rs6672561	0.266187	0.226158	0.035392631
2	rs12693803	0.142086	0.111718	0.035392631
11	rs661889	0.255396	0.215626	0.035392631
12	rs6487044	0.464158	0.417151	0.035392631
2	rs381214	0.318996	0.364985	0.035412188
2	rs17430926	0.046595	0.0711368	0.035412188
2	rs12713899	0.412186	0.36528	0.035412188
6	rs9343640	0.191756	0.156559	0.035412188
13	rs7334289	0.123656	0.158441	0.035412188
6	rs6914153	0.327338	0.373765	0.035431755
10	rs708436	0.0359712	0.0577907	0.035431755
20	rs6108021	0.505376	0.458475	0.035431755
7	rs989495	0.163669	0.131094	0.035451334
11	rs655941	0.125448	0.0966973	0.035451334
16	rs1641024	0.215054	0.256817	0.035451334
21	rs1892730	0.213262	0.255029	0.035451334
1	rs4916041	0.390681	0.437692	0.035470925
18	rs1982037	0.12724	0.162581	0.035470925
22	rs4838809	0.272563	0.231869	0.035470925
1	rs1123821	0.217626	0.18013	0.035490527
1	rs857640	0.0752688	0.0535653	0.035490527
6	rs6569867	0.327957	0.374104	0.035490527
8	rs1866000	0.485663	0.437841	0.035490527
9	rs10120945	0.102518	0.134969	0.035490527
12	rs673173	0.12724	0.0988412	0.035490527
18	rs11659988	0.195341	0.235595	0.035490527
1	rs6664521	0.370504	0.418399	0.03551014
2	rs2716620	0.366906	0.413711	0.03551014
4	rs17252142	0.242806	0.286176	0.03551014
11	rs11222433	0.0734767	0.0518064	0.03551014
2	rs6432276	0.33871	0.295331	0.035529764
5	rs32571	0.410394	0.458234	0.035529764
7	rs3857819	0.0949821	0.127006	0.035529764
9	rs4979454	0.413978	0.367838	0.035529764
12	rs4760229	0.311828	0.3578	0.035529764
1	rs7531635	0.311828	0.269008	0.0355494
3	rs6797926	0.241935	0.285179	0.0355494
5	rs1847046	0.270609	0.315547	0.0355494
7	rs7800719	0.295699	0.341451	0.0355494
7	rs2471189	0.537634	0.489952	0.0355494
8	rs13250548	0.182796	0.148603	0.0355494

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
17	rs2060313	0.277778	0.236546	0.0355494
20	rs4814204	0.277778	0.237317	0.0355494
2	rs1546725	0.304659	0.262287	0.035569047
5	rs2929726	0.471223	0.423195	0.035569047
7	rs11978799	0.204301	0.167802	0.035569047
8	rs989329	0.315412	0.272091	0.035569047
13	rs470150	0.0448029	0.0688418	0.035569047
14	rs2303345	0.307554	0.353302	0.035569047
3	rs6788905	0.134409	0.104465	0.035588705
5	rs6894271	0.19964	0.163884	0.035588705
6	rs844584	0.30036	0.346639	0.035588705
6	rs9784885	0.272563	0.317144	0.035608375
6	rs526847	0.360215	0.407123	0.035608375
12	rs4766613	0.213262	0.176441	0.035608375
20	rs978217	0.530576	0.483305	0.035608375
3	rs13061773	0.496416	0.449523	0.035628056
6	rs9387246	0.324373	0.281239	0.035628056
7	SNP_A-1949809	0.157706	0.125298	0.035628056
20	rs6088387	0.0376344	0.0605854	0.035628056
2	rs6718816	0.148746	0.18569	0.035647749
7	rs281915	0.369176	0.32391	0.035647749
10	rs2961608	0.21223	0.175427	0.035647749
13	rs9534767	0.438849	0.487066	0.035647749
3	rs1837893	0.404676	0.452162	0.035667453
9	rs10761245	0.455197	0.503415	0.035667453
13	rs9566810	0.320789	0.277797	0.035667453
14	rs10083524	0.135379	0.170823	0.035667453
20	rs1884328	0.329137	0.375128	0.035667453
22	rs6003184	0.4319	0.480055	0.035667453
6	rs469291	0.436823	0.484823	0.035687168
6	rs727981	0.207885	0.171726	0.035687168
7	rs4722897	0.516129	0.468654	0.035687168
14	rs1890723	0.188849	0.153545	0.035687168
2	rs6752522	0.164875	0.132433	0.035706895
2	rs17740667	0.283154	0.327944	0.035706895
3	rs1675947	0.37276	0.32805	0.035706895
5	rs9637916	0.184588	0.149864	0.035706895
6	rs6915338	0.378136	0.424991	0.035706895
9	rs2809247	0.386691	0.341281	0.035706895
1	rs610329	0.362007	0.409649	0.035726633
2	rs1947892	0.292115	0.250853	0.035726633
4	rs17537141	0.124549	0.159401	0.035726633
6	rs7774336	0.435484	0.388586	0.035726633
20	rs4812435	0.296763	0.342356	0.035726633
1	rs10465868	0.449821	0.498296	0.035746382
3	rs1401404	0.277778	0.321855	0.035746382
3	rs1125190	0.155914	0.124149	0.035746382
4	rs4697378	0.214029	0.177342	0.035746382
6	rs4840097	0.358423	0.313565	0.035746382
8	rs924765	0.417563	0.46493	0.035746382
16	rs17494512	0.150538	0.187841	0.035746382
17	rs2380173	0.402878	0.451311	0.035746382

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
21	rs2823178	0.424731	0.473236	0.035746382
1	rs16852409	0.100358	0.132063	0.035766143
3	rs7609618	0.122302	0.0938351	0.035766143
4	rs13129156	0.376344	0.423339	0.035766143
5	SNP_A-2311164	0.0985663	0.0733288	0.035766143
6	rs1416471	0.163082	0.13068	0.035766143
7	rs2016555	0.376344	0.423339	0.035766143
10	rs10824779	0.362007	0.408657	0.035766143
15	rs10163001	0.375899	0.330607	0.035766143
2	rs12710732	0.343636	0.390348	0.035785916
4	rs13132431	0.331541	0.378024	0.035785916
10	rs7921833	0.182796	0.222941	0.035785916
10	rs2488291	0.0806452	0.110542	0.035785916
15	rs10520056	0.123656	0.0954329	0.035785916
2	rs10928461	0.175627	0.14186	0.0358057
3	rs4514994	0.292115	0.338045	0.0358057
4	rs1587560	0.469534	0.42254	0.0358057
6	rs954753	0.280576	0.239175	0.0358057
7	rs10226228	0.329137	0.375426	0.0358057
10	rs11254913	0.361511	0.408564	0.0358057
11	rs7939628	0.296763	0.255026	0.0358057
12	rs11175627	0.0878136	0.0637572	0.0358057
20	rs2092467	0.298561	0.256729	0.0358057
1	rs2139876	0.295699	0.341513	0.035825495
2	rs10209881	0.455197	0.408549	0.035825495
9	rs7864448	0.301075	0.258703	0.035825495
18	rs1865555	0.322581	0.279462	0.035825495
2	rs12713983	0.345324	0.39186	0.035845302
2	rs4075133	0.272401	0.31699	0.035845302
6	rs9345908	0.357401	0.404567	0.035845302
6	rs9364756	0.251799	0.296075	0.035845302
8	rs2036547	0.444444	0.491658	0.035845302
12	rs10878733	0.131295	0.102319	0.035845302
3	rs17254751	0.057554	0.0835887	0.03586512
6	rs9381096	0.266187	0.225861	0.03586512
6	rs1928461	0.271583	0.230429	0.03586512
10	rs7068595	0.327957	0.284474	0.03588495
13	rs9554573	0.249104	0.293356	0.03588495
6	rs7768436	0.0394265	0.0620089	0.035904791
6	rs3966737	0.38172	0.336797	0.035904791
13	rs2260218	0.134892	0.105084	0.035904791
19	rs2317031	0.139785	0.109332	0.035904791
2	rs7581045	0.247312	0.290559	0.035924644
6	rs4959525	0.401434	0.355461	0.035924644
10	rs4748704	0.12724	0.0985364	0.035924644
13	rs9566655	0.217626	0.180518	0.035924644
18	rs10153423	0.270609	0.315288	0.035924644
3	rs7631197	0.148746	0.185627	0.035944508
5	rs17441789	0.136201	0.106557	0.035944508
7	rs36862	0.226619	0.189014	0.035944508
8	rs16904563	0.133574	0.103654	0.035944508
20	rs1125525	0.22482	0.187096	0.035944508

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs12468338	0.0935252	0.0690184	0.035964383
2	rs4674086	0.514388	0.466451	0.035964383
10	rs10508633	0.0956679	0.128153	0.035964383
20	rs2769856	0.24552	0.206644	0.035964383
21	rs2829412	0.215054	0.256725	0.035964383
22	rs2071896	0.114695	0.0874829	0.035964383
1	rs17448778	0.306859	0.263813	0.03598427
1	rs6662273	0.305755	0.351744	0.03598427
1	rs6695410	0.141577	0.11096	0.03598427
7	rs4947478	0.53405	0.48686	0.03598427
8	rs534523	0.492806	0.444842	0.03598427
12	rs16914767	0.0359712	0.0577907	0.03598427
1	rs17391542	0.138489	0.107933	0.036004169
5	rs17696019	0.16426	0.131606	0.036004169
8	rs7461567	0.265233	0.310116	0.036004169
15	rs10851648	0.134409	0.169737	0.036004169
1	rs12121881	0.318996	0.275639	0.036024079
7	rs6947830	0.503584	0.456344	0.036024079
9	rs7043510	0.259857	0.219782	0.036024079
12	rs2037153	0.188172	0.153636	0.036024079
1	rs12035637	0.15233	0.189033	0.036044001
2	rs13023213	0.214029	0.25596	0.036044001
6	rs1413809	0.523466	0.475264	0.036044001
9	rs830406	0.433692	0.386712	0.036044001
11	rs10832163	0.334532	0.380539	0.036044001
21	rs2838738	0.415468	0.462679	0.036044001
4	rs3128768	0.185252	0.150937	0.036063934
11	rs11234643	0.0716846	0.100307	0.036063934
13	rs7331418	0.535842	0.487236	0.036063934
13	rs10507521	0.203971	0.167802	0.036063934
16	rs2679290	0.354839	0.402044	0.036063934
21	rs986917	0.539427	0.491658	0.036063934
1	rs11805709	0.299283	0.257834	0.036083879
2	rs4233600	0.209677	0.251451	0.036083879
17	rs4924803	0.383513	0.431276	0.036083879
20	rs2327258	0.0503597	0.0754171	0.036083879
2	rs818188	0.336918	0.382543	0.036103835
7	rs4731173	0.235612	0.19744	0.036103835
14	rs1950296	0.103943	0.0780504	0.036103835
19	rs11085158	0.311828	0.356997	0.036103835
7	rs12537490	0.410394	0.457893	0.036123803
10	rs7915486	0.385305	0.340436	0.036123803
13	rs9543226	0.415468	0.368735	0.036123803
14	rs17429024	0.102151	0.0766088	0.036123803
4	rs1383519	0.0967742	0.128236	0.036143782
8	rs12680149	0.394265	0.348774	0.036143782
9	rs7869594	0.476703	0.429642	0.036143782
15	rs11072031	0.111111	0.0846678	0.036143782
18	rs9948030	0.259857	0.303778	0.036143782
20	rs531133	0.460573	0.413511	0.036143782
2	rs1365943	0.467742	0.420048	0.036163773
2	rs12465726	0.283154	0.327821	0.036163773

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs4440231	0.235612	0.197651	0.036163773
5	rs566750	0.31362	0.359407	0.036163773
5	rs10516086	0.129032	0.100204	0.036163773
2	rs1915752	0.311151	0.268089	0.036183776
3	rs4685910	0.388889	0.436627	0.036183776
5	rs10942943	0.326165	0.282668	0.036183776
6	rs387965	0.494624	0.447736	0.036183776
8	SNP_A-4197819	0.0863309	0.0627344	0.036183776
8	rs7000601	0.150538	0.11951	0.036183776
10	rs12775397	0.332734	0.288711	0.036183776
19	rs4805315	0.327957	0.284571	0.036183776
1	rs10458360	0.492806	0.445145	0.03620379
1	rs1494898	0.375899	0.330439	0.03620379
2	rs7561809	0.0358423	0.0576398	0.03620379
11	rs1714345	0.318996	0.364906	0.03620379
12	rs10507086	0.345878	0.30116	0.03620379
16	rs8043939	0.188172	0.153204	0.03620379
1	rs1434285	0.236559	0.198534	0.036223816
2	rs17776629	0.200717	0.241826	0.036223816
2	rs1344766	0.188172	0.227939	0.036223816
5	rs296941	0.213262	0.176601	0.036223816
10	rs276215	0.268817	0.312863	0.036223816
4	rs17198799	0.299283	0.257663	0.036243853
7	rs6952949	0.378136	0.425009	0.036243853
7	rs1852090	0.0752688	0.0535836	0.036243853
8	rs16882596	0.142599	0.179605	0.036243853
16	rs1948575	0.336918	0.383316	0.036243853
18	rs459799	0.183453	0.149129	0.036243853
5	rs250237	0.177419	0.143514	0.036263902
5	rs2115251	0.134409	0.169843	0.036263902
16	rs7404932	0.510791	0.463386	0.036263902
2	rs2018314	0.166667	0.205381	0.036283962
9	rs905362	0.277778	0.322256	0.036283962
12	rs2214956	0.0848375	0.0616251	0.036283962
15	rs7161780	0.124101	0.0959114	0.036283962
18	rs724881	0.0561594	0.0822268	0.036283962
1	rs1418096	0.0827338	0.0594549	0.036304034
1	rs12751531	0.136691	0.172572	0.036304034
1	rs10736380	0.136691	0.172566	0.036304034
2	rs10176914	0.353047	0.308663	0.036304034
3	rs2305621	0.225806	0.268575	0.036304034
6	rs9320609	0.408602	0.456544	0.036304034
8	rs4840426	0.386691	0.341072	0.036304034
10	rs12763142	0.203237	0.244206	0.036304034
12	rs3741628	0.388889	0.436478	0.036304034
1	rs11165297	0.156475	0.194142	0.036324118
1	rs12037440	0.09319	0.0688011	0.036324118
2	rs4662668	0.177419	0.217087	0.036324118
3	rs13433815	0.193548	0.158083	0.036324118
3	rs1850963	0.383513	0.43013	0.036324118
4	rs6842809	0.275986	0.32032	0.036324118
4	rs17042469	0.448029	0.496082	0.036324118

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs10519528	0.0842294	0.114612	0.036324118
8	SNP_A-2135579	0.301075	0.346337	0.036324118
15	rs534825	0.177419	0.143684	0.036324118
15	rs2651764	0.0663082	0.0935583	0.036324118
16	rs8062600	0.444444	0.397851	0.036324118
17	rs7209915	0.430108	0.382584	0.036324118
1	rs562234	0.456835	0.410331	0.036344214
3	rs17525168	0.213262	0.176661	0.036344214
4	rs12505522	0.269784	0.229053	0.036344214
8	rs7000702	0.159498	0.127428	0.036344214
2	rs16863126	0.0609319	0.0880546	0.036364321
4	rs1369795	0.417563	0.46487	0.036364321
6	rs9384524	0.149281	0.186201	0.036364321
8	rs920047	0.453237	0.501364	0.036364321
8	rs1034511	0.473118	0.425281	0.036364321
13	rs1412973	0.489247	0.441508	0.036364321
14	rs4901909	0.439068	0.392444	0.036364321
19	rs12459205	0.469534	0.422566	0.036364321
6	rs2252933	0.120072	0.154567	0.036384439
11	rs7928348	0.378136	0.425724	0.036384439
13	rs3118814	0.460573	0.413828	0.036384439
16	rs1478705	0.383513	0.337875	0.036384439
17	rs2628165	0.52518	0.47718	0.036384439
19	rs10423964	0.231183	0.273704	0.036384439
6	rs1512449	0.32852	0.374829	0.03640457
9	rs10992511	0.046595	0.0707226	0.03640457
10	rs7920191	0.424731	0.378365	0.03640457
11	rs11023727	0.521505	0.47372	0.03640457
13	rs9544029	0.333333	0.379775	0.03640457
17	rs3612	0.168459	0.207196	0.03640457
2	rs7566610	0.205036	0.168426	0.036424712
4	rs2567372	0.327957	0.373553	0.036424712
4	rs2070949	0.512545	0.464918	0.036424712
11	rs10832696	0.150538	0.119113	0.036424712
12	rs11836039	0.311151	0.268903	0.036424712
13	rs9594819	0.362007	0.317252	0.036424712
16	rs7195999	0.464158	0.416752	0.036424712
17	rs8078929	0.0902527	0.121207	0.036424712
2	rs7594864	0.38172	0.429083	0.036444865
3	rs2220011	0.442652	0.490126	0.036444865
4	rs7661192	0.210432	0.252215	0.036444865
10	rs1492184	0.188849	0.154108	0.036444865
16	rs4781472	0.115108	0.0880643	0.036444865
16	rs11074555	0.201439	0.242409	0.036444865
16	rs12149466	0.528777	0.481437	0.036444865
17	rs16942330	0.246403	0.207014	0.036444865
1	rs17423764	0.163082	0.130717	0.036465031
2	rs16830676	0.0413669	0.0648243	0.036465031
7	rs9656688	0.109319	0.142541	0.036465031
9	rs6479389	0.422662	0.376617	0.036465031
11	rs11042192	0.177419	0.217228	0.036465031
11	rs2156528	0.270609	0.229891	0.036465031

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
12	rs2056075	0.369176	0.416184	0.036465031
12	rs11060283	0.0340502	0.0553851	0.036465031
14	rs881970	0.0539568	0.0792164	0.036465031
1	rs7521322	0.34296	0.389325	0.036485208
6	rs1080708	0.329749	0.375851	0.036485208
6	rs2143164	0.0448029	0.0690419	0.036485208
7	rs673472	0.303249	0.260832	0.036485208
8	rs7007897	0.206093	0.169734	0.036485208
10	rs10886925	0.356115	0.402962	0.036485208
16	rs4784207	0.433453	0.481058	0.036485208
17	rs1382047	0.42446	0.472222	0.036485208
20	rs6028110	0.207885	0.249234	0.036485208
1	rs4317857	0.120072	0.0921816	0.036505396
11	rs7952482	0.16787	0.206485	0.036505396
11	rs4129253	0.120504	0.0925358	0.036505396
12	rs10875861	0.369176	0.416326	0.036505396
12	rs12300992	0.102151	0.134937	0.036505396
20	rs1555468	0.250896	0.211683	0.036505396
21	rs2155965	0.235612	0.196721	0.036505396
2	rs13018589	0.205036	0.16871	0.036525597
4	rs9884193	0.192446	0.231911	0.036525597
4	rs3101267	0.258065	0.301328	0.036525597
8	rs10503528	0.0949821	0.126235	0.036525597
8	rs4873211	0.295699	0.340483	0.036525597
11	rs11224686	0.0430108	0.066337	0.036525597
13	rs9317076	0.157706	0.195608	0.036525597
1	rs2268809	0.302158	0.259966	0.036545809
1	rs12096645	0.348375	0.394647	0.036545809
2	rs2241113	0.299283	0.344857	0.036545809
6	rs12194972	0.396057	0.350647	0.036545809
7	rs10954212	0.517921	0.469997	0.036545809
8	rs2584372	0.243728	0.286882	0.036545809
10	rs11009370	0.323741	0.369417	0.036545809
15	rs970374	0.106115	0.0798162	0.036545809
2	rs5009910	0.455197	0.40875	0.036566032
7	rs2023687	0.18638	0.225647	0.036566032
7	rs3793177	0.417266	0.371166	0.036566032
8	rs11995628	0.303957	0.262133	0.036566032
11	rs567300	0.283154	0.327316	0.036566032
11	rs1371332	0.357914	0.405014	0.036566032
12	rs1700369	0.0322581	0.0534559	0.036566032
14	rs1571379	0.208633	0.17229	0.036566032
3	rs1017296	0.222222	0.185053	0.036586268
4	rs10027450	0.134409	0.104822	0.036586268
5	rs6450207	0.0701439	0.0979557	0.036586268
6	rs6940739	0.148746	0.185456	0.036586268
6	rs3805766	0.0956679	0.070893	0.036586268
9	rs7859543	0.262681	0.222733	0.036586268
11	rs11233462	0.181004	0.146848	0.036586268
4	rs13152150	0.154122	0.191207	0.036606515
5	rs1644047	0.469203	0.421635	0.036606515
7	rs10241082	0.215054	0.178073	0.036606515

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
11	rs10501147	0.159498	0.127554	0.036606515
12	rs2248343	0.0824373	0.0592643	0.036606515
14	rs1022850	0.0985663	0.0732788	0.036606515
2	rs332111	0.339928	0.296037	0.036626774
4	rs994447	0.168459	0.135434	0.036626774
6	rs9405157	0.179211	0.218399	0.036626774
15	rs9920483	0.510753	0.462692	0.036626774
15	rs1031900	0.419355	0.466462	0.036626774
17	rs11204324	0.132616	0.168767	0.036626774
4	rs1604225	0.272401	0.23179	0.036647045
6	rs9478170	0.206093	0.246851	0.036647045
8	rs4457339	0.205036	0.168767	0.036647045
11	rs1792818	0.265233	0.224472	0.036647045
20	rs2427078	0.0734767	0.101978	0.036647045
11	rs10832165	0.335125	0.38096	0.036667327
4	rs592349	0.408602	0.362228	0.036687622
6	rs662554	0.236559	0.198294	0.036687622
8	rs4921608	0.125899	0.0975111	0.036687622
9	rs10967645	0.0701439	0.0983299	0.036687622
5	rs2416434	0.202166	0.166383	0.036707928
6	rs16900673	0.0985663	0.0736447	0.036707928
8	rs17300285	0.521583	0.473926	0.036707928
12	rs287031	0.437276	0.484807	0.036707928
13	rs9514544	0.431655	0.384877	0.036707928
18	rs7230877	0.188172	0.227613	0.036707928
21	rs2834965	0.124101	0.158595	0.036707928
1	rs10800668	0.139785	0.109199	0.036728245
4	rs7681189	0.494624	0.446983	0.036728245
5	rs2112323	0.145683	0.114782	0.036728245
6	rs12660608	0.22043	0.183413	0.036728245
21	rs2827523	0.358423	0.313672	0.036728245
1	rs12728909	0.284173	0.328328	0.036748575
8	rs4840427	0.321942	0.278574	0.036748575
8	rs13251640	0.417563	0.465441	0.036748575
8	rs9285025	0.318996	0.365247	0.036748575
8	rs6982310	0.365591	0.320845	0.036748575
10	rs2418979	0.0913978	0.122616	0.036748575
3	rs11711663	0.415771	0.369632	0.036768916
6	rs521036	0.367384	0.41414	0.036768916
11	rs923031	0.521505	0.473783	0.036768916
11	rs1532421	0.433692	0.481248	0.036768916
1	rs9427444	0.139785	0.109295	0.036789269
3	rs7649739	0.314079	0.360096	0.036789269
4	rs16893682	0.0752688	0.0536936	0.036789269
4	rs1874645	0.424731	0.378406	0.036789269
5	rs10045204	0.0394265	0.061882	0.036789269
8	rs10094497	0.485663	0.43816	0.036789269
14	rs10134942	0.111511	0.084639	0.036789269
15	rs11072994	0.258065	0.21842	0.036789269
18	rs9964834	0.324373	0.281079	0.036789269
3	rs9834423	0.170251	0.136984	0.036809634
3	rs4894320	0.209677	0.251361	0.036809634

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs16895132	0.318996	0.275868	0.036809634
8	rs7833781	0.367384	0.413593	0.036809634
2	rs13427179	0.167266	0.206113	0.036830011
6	rs438259	0.327957	0.285495	0.036830011
7	rs10951993	0.349462	0.396698	0.036830011
2	rs6724718	0.272401	0.231924	0.036850399
5	rs404016	0.155914	0.19312	0.036850399
7	rs17135842	0.106498	0.139638	0.036850399
8	rs4242425	0.318996	0.365201	0.036850399
8	rs11166774	0.42446	0.378161	0.036850399
1	rs12741848	0.0896057	0.120061	0.0368708
2	rs17651918	0.130824	0.101943	0.0368708
5	rs10471956	0.133094	0.103847	0.0368708
1	rs7535253	0.240143	0.201635	0.036891212
1	rs6693420	0.361511	0.408564	0.036891212
9	rs10735584	0.0448029	0.0687777	0.036891212
10	rs11146177	0.157706	0.195392	0.036891212
1	rs11207128	0.266187	0.309898	0.036911636
3	rs161199	0.18638	0.225647	0.036911636
5	rs10077875	0.408273	0.455381	0.036911636
8	rs2002463	0.0740072	0.10235	0.036911636
9	rs902908	0.290323	0.334581	0.036911636
9	rs17303101	0.340502	0.296902	0.036911636
9	rs514708	0.301075	0.258938	0.036911636
11	rs10840175	0.369176	0.416553	0.036911636
11	rs766552	0.0555556	0.081233	0.036911636
14	SNP_A-1934157	0.350181	0.306039	0.036911636
22	rs16985967	0.0985663	0.0736698	0.036911636
6	rs12214037	0.215054	0.178134	0.036932071
7	rs4584085	0.121864	0.156218	0.036932071
21	rs2826443	0.179211	0.145365	0.036932071
1	rs7534464	0.122302	0.157123	0.036952519
2	rs7567093	0.0949821	0.126833	0.036952519
6	rs9490546	0.296029	0.254855	0.036952519
7	rs6950044	0.365591	0.320684	0.036952519
7	rs7797204	0.31362	0.271025	0.036952519
13	SNP_A-2114354	0.195341	0.236116	0.036952519
16	rs10500384	0.206835	0.170524	0.036952519
18	rs216562	0.324373	0.37083	0.036952519
3	rs164203	0.494604	0.446856	0.036972979
12	rs7294502	0.255435	0.215995	0.036972979
18	rs620780	0.311151	0.268509	0.036972979
1	rs6702738	0.435252	0.483146	0.03699345
4	rs6827941	0.326165	0.372699	0.03699345
7	rs6955090	0.250896	0.211388	0.03699345
7	rs10954357	0.336331	0.29188	0.03699345
10	rs7897805	0.0716846	0.0996593	0.03699345
19	rs8101636	0.121864	0.0939734	0.03699345
1	rs4604663	0.376344	0.423746	0.037013933
2	rs7606821	0.157706	0.126108	0.037013933
8	rs2128128	0.392473	0.438991	0.037013933
8	rs17088698	0.181004	0.146637	0.037013933

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
15	rs7181685	0.148746	0.117416	0.037013933
2	rs7559666	0.370968	0.326687	0.037034428
2	rs7563111	0.198556	0.238997	0.037034428
5	rs7733169	0.27518	0.235073	0.037034428
6	rs1413810	0.52509	0.477311	0.037034428
8	rs5011597	0.308664	0.266302	0.037034428
12	rs12369213	0.143885	0.112947	0.037034428
17	rs10521112	0.332734	0.378969	0.037034428
7	rs799964	0.236559	0.278705	0.037054936
2	rs1967603	0.259857	0.220463	0.037075454
11	rs638517	0.215827	0.179316	0.037075454
5	rs7735912	0.202509	0.16678	0.037095985
11	rs11033546	0.109319	0.0829352	0.037095985
11	rs2187364	0.270609	0.230061	0.037095985
14	rs2331618	0.530576	0.483077	0.037095985
22	rs132883	0.175627	0.141956	0.037095985
1	rs1510266	0.0896057	0.119973	0.037116528
2	rs4663114	0.361511	0.316803	0.037116528
3	rs1448434	0.449821	0.402939	0.037116528
5	rs6896499	0.184588	0.150664	0.037116528
10	rs2461215	0.453405	0.406303	0.037116528
12	rs1872216	0.275986	0.235164	0.037116528
2	rs6430431	0.148746	0.185349	0.037137083
7	rs10252237	0.244604	0.205662	0.037137083
7	rs4261	0.419065	0.46661	0.037137083
9	rs7871395	0.234767	0.197001	0.037137083
17	rs4925081	0.382671	0.430399	0.037137083
22	rs5749468	0.247312	0.208248	0.037137083
3	rs2885865	0.410394	0.364488	0.037157649
3	rs9869278	0.0485612	0.0730586	0.037157649
4	rs17042088	0.0770609	0.1059	0.037157649
6	rs9367433	0.0809353	0.110675	0.037157649
10	rs10903646	0.528881	0.480579	0.037157649
11	rs497681	0.45471	0.407464	0.037157649
13	rs1729770	0.311828	0.269663	0.037157649
15	rs736172	0.200717	0.241062	0.037157649
15	rs734495	0.385305	0.432492	0.037157649
17	rs8078963	0.11828	0.151959	0.037157649
5	rs6893566	0.258065	0.219101	0.037178228
10	rs11003084	0.362007	0.408254	0.037178228
5	rs2935639	0.292419	0.337265	0.037198818
7	rs17309873	0.139785	0.175349	0.037198818
9	rs7869905	0.388889	0.343846	0.037198818
18	rs1893506	0.046595	0.0704057	0.037198818
1	rs12086591	0.0842294	0.0612662	0.03721942
16	rs9939674	0.302867	0.347663	0.03721942
16	rs4090562	0.202509	0.243271	0.03721942
2	rs6543592	0.105735	0.0796928	0.037240035
2	rs930140	0.526882	0.47955	0.037240035
6	rs7772735	0.196043	0.160812	0.037240035
10	rs12764787	0.166667	0.204398	0.037240035
1	rs12023014	0.277778	0.321794	0.037260661

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs2277046	0.113309	0.0859428	0.037260661
5	rs6861890	0.539427	0.490949	0.037260661
11	rs11213103	0.358423	0.405313	0.037260661
12	rs11057560	0.243728	0.28698	0.037260661
13	rs1933220	0.431655	0.479032	0.037260661
14	rs11847592	0.403226	0.357289	0.037260661
20	rs533608	0.53777	0.490123	0.037260661
1	rs1749409	0.0483871	0.0725971	0.037281299
2	rs2704785	0.294964	0.339462	0.037281299
2	rs10207132	0.168459	0.206755	0.037281299
3	rs6438523	0.449821	0.403066	0.037281299
4	rs300943	0.408602	0.362428	0.037281299
7	rs601899	0.304659	0.262521	0.037281299
9	rs1780020	0.369176	0.324932	0.037281299
1	rs2365270	0.276978	0.32099	0.03730195
2	rs829573	0.206835	0.247105	0.03730195
3	rs749932	0.415771	0.462377	0.03730195
14	rs8018335	0.129032	0.164057	0.03730195
15	rs4774941	0.0431655	0.0660988	0.03730195
2	rs10931861	0.203237	0.243778	0.037322612
11	rs11218067	0.203237	0.167576	0.037322612
14	rs4353437	0.131295	0.166496	0.037322612
1	rs2494884	0.0913978	0.122317	0.037343286
3	rs6549127	0.215054	0.178949	0.037343286
9	rs4744587	0.0448029	0.068848	0.037343286
11	rs3886942	0.356631	0.403039	0.037343286
12	rs2052291	0.0394265	0.0625213	0.037343286
18	rs9955824	0.32554	0.371764	0.037343286
1	rs4338323	0.046595	0.0709171	0.037363972
2	rs4358156	0.519784	0.472411	0.037363972
2	rs12612347	0.539568	0.491482	0.037363972
3	rs9824435	0.145161	0.181834	0.037363972
4	rs6551872	0.263441	0.223738	0.037363972
4	rs11097814	0.399642	0.354294	0.037363972
4	rs1439263	0.129032	0.164339	0.037363972
5	rs7733363	0.473022	0.425579	0.037363972
5	rs11134856	0.117329	0.0900547	0.037363972
8	rs4501619	0.251799	0.296107	0.037363972
15	rs2255663	0.249104	0.291042	0.037363972
4	rs7664968	0.304659	0.262683	0.03738467
5	rs795526	0.516129	0.468313	0.03738467
11	rs10768703	0.112903	0.0859535	0.03738467
11	rs11040408	0.234767	0.277248	0.03738467
11	rs10891732	0.413669	0.460661	0.03738467
12	rs11066633	0.232014	0.274259	0.03738467
15	rs1431609	0.37276	0.327933	0.03738467
17	rs7220509	0.125448	0.097099	0.03738467
2	rs2381190	0.224014	0.266451	0.037405381
9	rs12338099	0.0698925	0.0978854	0.037405381
10	rs7100632	0.453405	0.406474	0.037405381
17	rs7211094	0.168459	0.207014	0.037405381
20	rs7272615	0.100719	0.132924	0.037405381

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
7	rs17093280	0.0537634	0.0789922	0.037426103
11	rs17092876	0.21147	0.252727	0.037426103
14	rs1952036	0.405018	0.359332	0.037426103
15	rs1426210	0.353047	0.308753	0.037426103
15	rs17674205	0.103943	0.0781676	0.037426103
18	rs7227096	0.368705	0.415361	0.037426103
20	rs747996	0.188172	0.227071	0.037426103
4	rs7691334	0.256272	0.299659	0.037446837
9	rs7868610	0.365591	0.321441	0.037446837
18	rs2440455	0.146953	0.18335	0.037446837
20	rs6101937	0.284946	0.24316	0.037446837
1	rs17435018	0.0985663	0.13045	0.037467583
4	rs6852985	0.37276	0.328045	0.037467583
11	rs4284419	0.185921	0.226065	0.037467583
18	rs16954684	0.0685921	0.0477164	0.037467583
19	rs4353567	0.469534	0.422802	0.037467583
21	rs2825250	0.274194	0.318058	0.037467583
1	rs1934368	0.210432	0.251192	0.037488342
2	rs16828270	0.330325	0.376153	0.037488342
3	rs11709020	0.51259	0.464894	0.037488342
8	rs901170	0.318996	0.365077	0.037488342
17	rs8182269	0.485663	0.439182	0.037488342
21	rs2835081	0.134409	0.169734	0.037488342
1	rs7522712	0.363799	0.31908	0.037509112
1	rs10889075	0.267025	0.310474	0.037509112
5	rs6895541	0.0863309	0.0632027	0.037509112
5	rs905790	0.181159	0.220252	0.037509112
11	rs4414194	0.0860215	0.116068	0.037509112
14	rs4277270	0.130824	0.165815	0.037509112
15	rs4354888	0.124549	0.0963568	0.037509112
15	rs1403343	0.123656	0.0956685	0.037509112
16	rs2738710	0.127698	0.162977	0.037509112
17	rs9899093	0.15233	0.121382	0.037509112
5	rs166116	0.152878	0.121382	0.037529895
10	rs17116643	0.0519713	0.0769362	0.037529895
12	rs7312475	0.351254	0.397987	0.037529895
16	rs2646107	0.283154	0.242331	0.037529895
20	rs2284390	0.0376344	0.0602451	0.037529895
2	rs10221582	0.444245	0.397514	0.037550689
3	rs9877228	0.370968	0.417633	0.037550689
4	SNP_A-2159263	0.188849	0.153872	0.037550689
5	rs13361200	0.413669	0.367497	0.037550689
21	rs2829545	0.528674	0.481273	0.037550689
2	rs1423710	0.357914	0.313269	0.037571496
6	rs17792460	0.273381	0.233061	0.037571496
11	rs1466553	0.267986	0.227831	0.037571496
13	rs9541361	0.0483871	0.0730088	0.037571496
17	rs11079675	0.170251	0.208887	0.037571496
3	rs6791520	0.453405	0.406846	0.037592314
9	rs4978041	0.217626	0.258773	0.037592314
9	rs1180089	0.0448029	0.0686776	0.037592314
1	rs16841094	0.0501792	0.0749319	0.037613145

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs12465448	0.299283	0.257524	0.037613145
2	rs16839731	0.297491	0.342105	0.037613145
3	rs9835230	0.286738	0.245653	0.037613145
6	rs804846	0.322581	0.280239	0.037613145
8	rs972423	0.442652	0.490286	0.037613145
12	rs2365567	0.383094	0.338055	0.037613145
14	rs1955554	0.240143	0.28318	0.037613145
15	rs17651361	0.241935	0.284838	0.037613145
16	rs2550608	0.256272	0.217451	0.037613145
17	rs16961730	0.139785	0.17592	0.037613145
18	rs3193	0.0791367	0.107947	0.037613145
2	SNP_A-4250284	0.0734767	0.0519061	0.037633988
4	rs3213948	0.383513	0.430811	0.037633988
12	rs1909510	0.421147	0.468462	0.037633988
15	rs2899488	0.140288	0.17626	0.037633988
1	rs491922	0.462366	0.416127	0.037654843
3	rs17060736	0.0860215	0.116684	0.037654843
3	rs7629708	0.324373	0.281601	0.037654843
8	rs1139843	0.0778986	0.107058	0.037654843
18	rs216559	0.324373	0.370654	0.037654843
21	rs2837600	0.331541	0.377941	0.037654843
4	rs17672919	0.480216	0.43264	0.03767571
22	rs138639	0.109712	0.0831346	0.03767571
1	rs11807752	0.205036	0.169792	0.037696589
4	rs1874646	0.42446	0.378277	0.037696589
4	rs4150060	0.0394265	0.0619031	0.037696589
11	rs7128465	0.370968	0.417916	0.037696589
18	rs11660899	0.259857	0.303444	0.037696589
2	rs1358138	0.167266	0.13472	0.03771748
9	rs10868348	0.206835	0.247614	0.03771748
13	rs9544802	0.52518	0.477327	0.03771748
1	SNP_A-1946651	0.17446	0.213288	0.037738384
1	rs4915889	0.157706	0.195022	0.037738384
10	rs2985523	0.207581	0.248212	0.037738384
11	rs1426576	0.308664	0.353762	0.037738384
8	rs3802149	0.170863	0.209057	0.037759299
1	rs10915928	0.387097	0.434085	0.037780227
2	rs10196805	0.170251	0.209029	0.037780227
2	rs3755460	0.379061	0.425939	0.037780227
2	rs10205062	0.205036	0.245656	0.037780227
5	rs13174179	0.362007	0.318337	0.037780227
7	rs877279	0.419065	0.373083	0.037780227
13	rs354467	0.189964	0.155078	0.037780227
20	rs6068158	0.25448	0.215041	0.037780227
7	rs160360	0.141577	0.111395	0.037801167
15	rs865576	0.431655	0.385193	0.037801167
2	rs2033804	0.4319	0.385705	0.037822119
4	rs17573717	0.485612	0.438671	0.037822119
4	rs7689094	0.276978	0.236842	0.037822119
6	rs9383211	0.191756	0.157303	0.037822119
13	rs9544807	0.52518	0.477366	0.037822119
17	rs11657971	0.420578	0.468111	0.037822119

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
20	rs976649	0.218412	0.181029	0.037822119
1	rs1838131	0.336918	0.383084	0.037843083
2	rs368430	0.306452	0.264125	0.037843083
2	rs9678037	0.177419	0.143782	0.037843083
5	rs12518136	0.155914	0.192845	0.037843083
10	rs2633320	0.225806	0.267961	0.037843083
11	rs1108991	0.353047	0.309435	0.037843083
11	rs12293395	0.234767	0.277191	0.037843083
13	rs7994885	0.52509	0.477342	0.037843083
1	rs10752858	0.384892	0.339523	0.037864059
2	rs17039291	0.315412	0.36113	0.037864059
4	rs7693077	0.109712	0.142589	0.037864059
5	rs16879410	0.0938628	0.069089	0.037864059
6	rs10807640	0.521505	0.474464	0.037864059
10	rs4642999	0.0860215	0.115542	0.037864059
11	rs10794280	0.406137	0.360969	0.037864059
11	rs607890	0.385305	0.432709	0.037864059
1	rs12039221	0.12724	0.16178	0.037885048
3	rs9834518	0.114695	0.0875937	0.037885048
5	rs507971	0.250896	0.211925	0.037885048
1	rs2671239	0.392086	0.439611	0.037906049
2	rs4851684	0.0376344	0.0596862	0.037906049
4	SNP_A-4252491	0.032491	0.0530898	0.037906049
5	rs246571	0.22043	0.183305	0.037906049
6	rs6899876	0.33871	0.29523	0.037906049
8	rs11989055	0.216846	0.180347	0.037906049
13	rs1198624	0.100358	0.0751278	0.037906049
1	rs974935	0.0483871	0.0729628	0.037927062
2	SNP_A-2211853	0.491039	0.443952	0.037927062
2	SNP_A-1966840	0.523297	0.475988	0.037927062
6	rs7761677	0.435484	0.389135	0.037927062
6	rs9342586	0.357914	0.404494	0.037927062
7	rs17260734	0.517921	0.470338	0.037927062
8	rs2930376	0.226619	0.188821	0.037927062
8	rs2956054	0.219424	0.182345	0.037927062
10	rs2991910	0.121864	0.0940054	0.037927062
18	rs11664750	0.19964	0.2403	0.037927062
1	rs11585913	0.0631769	0.0897785	0.037948087
2	rs17356152	0.198925	0.239441	0.037948087
3	rs4241432	0.508961	0.462193	0.037948087
5	rs2929710	0.471223	0.423824	0.037948087
8	rs75527	0.0412186	0.0641811	0.037948087
10	rs1831586	0.120504	0.15449	0.037948087
16	rs872942	0.507168	0.460661	0.037948087
1	rs1325202	0.448029	0.495569	0.037969124
3	rs882450	0.267025	0.311073	0.037969124
3	rs2293235	0.184588	0.224191	0.037969124
8	rs11774827	0.106115	0.138501	0.037969124
12	rs4581486	0.235612	0.19714	0.037969124
15	rs3848122	0.195341	0.235344	0.037969124
1	rs10863919	0.401434	0.447871	0.037990174
3	rs7642925	0.250896	0.212266	0.037990174

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs2044021	0.0722022	0.0509023	0.037990174
4	rs13120304	0.421147	0.374787	0.037990174
4	rs9307592	0.408602	0.362521	0.037990174
9	rs616239	0.224014	0.26571	0.037990174
1	rs1810738	0.448029	0.495563	0.038011236
2	rs13387809	0.0412186	0.0640327	0.038011236
5	rs17484704	0.250896	0.212338	0.038011236
7	rs2189943	0.310036	0.355465	0.038011236
9	rs4880140	0.264388	0.224385	0.038011236
17	rs225207	0.191756	0.231608	0.038011236
21	rs2205083	0.399281	0.447207	0.038011236
1	rs12136771	0.388489	0.343345	0.03803231
2	rs759615	0.286738	0.331687	0.03803231
3	rs17465479	0.213262	0.176941	0.03803231
4	rs10866356	0.494624	0.447288	0.03803231
17	rs8069941	0.195341	0.235434	0.03803231
20	rs4813418	0.365108	0.321137	0.03803231
1	rs9286794	0.440647	0.488249	0.038053396
2	rs16987857	0.0555556	0.0810627	0.038053396
2	rs872037	0.395683	0.350256	0.038053396
2	rs7576477	0.172043	0.139448	0.038053396
2	rs6436114	0.272401	0.232119	0.038053396
4	rs4596251	0.191756	0.156836	0.038053396
4	rs4862600	0.433453	0.387053	0.038053396
4	rs931888	0.419355	0.466076	0.038053396
1	rs17390595	0.216846	0.258268	0.038074494
1	rs10797059	0.167266	0.134537	0.038074494
8	rs17348805	0.411871	0.459044	0.038074494
20	rs6134623	0.0573477	0.0833901	0.038074494
2	rs2339379	0.274194	0.317888	0.038095605
3	rs6794184	0.210432	0.251449	0.038095605
5	rs13152920	0.367384	0.323559	0.038095605
7	rs7791845	0.523381	0.47615	0.038095605
19	rs1059840	0.18705	0.1523	0.038095605
19	rs1618385	0.381295	0.335887	0.038095605
20	rs232262	0.370504	0.418089	0.038095605
2	rs12692450	0.44086	0.488424	0.038116728
2	rs4670032	0.340502	0.296998	0.038116728
3	rs7642028	0.455036	0.501874	0.038116728
4	rs6827968	0.326165	0.372402	0.038116728
8	rs4492338	0.188849	0.154555	0.038116728
2	rs2291312	0.0503597	0.074983	0.038137864
5	rs1354163	0.184588	0.150834	0.038137864
11	rs4436551	0.415771	0.462679	0.038137864
12	rs1025606	0.338129	0.38434	0.038137864
16	rs11076318	0.526882	0.479905	0.038137864
17	rs4474741	0.523297	0.475801	0.038137864
18	rs9955296	0.202509	0.243354	0.038137864
1	rs2606414	0.335125	0.291993	0.038159011
2	rs17041996	0.210432	0.174054	0.038159011
3	rs2637757	0.310036	0.355268	0.038159011
5	rs4958676	0.222222	0.1855	0.038159011

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
11	rs10766134	0.335125	0.380539	0.038159011
20	rs6108022	0.505376	0.459114	0.038159011
20	rs13042216	0.363799	0.320054	0.038159011
1	rs7518063	0.28853	0.332481	0.038180171
2	rs7577851	0.215054	0.178365	0.038180171
4	rs6837311	0.421147	0.374915	0.038180171
4	rs1845713	0.311151	0.356239	0.038180171
6	rs6924146	0.145161	0.114431	0.038180171
7	rs11973288	0.136201	0.171555	0.038180171
8	rs2680605	0.0971223	0.0724514	0.038180171
10	rs3104660	0.236559	0.278725	0.038180171
1	rs1561499	0.265233	0.308583	0.038201344
2	rs10191167	0.265233	0.308583	0.038201344
5	rs7723470	0.180505	0.219891	0.038201344
22	rs4820232	0.360215	0.316525	0.038201344
8	rs2979126	0.111511	0.144293	0.038222528
9	rs7027227	0.0896057	0.120273	0.038222528
11	rs11224301	0.0824373	0.0599181	0.038222528
13	rs7140117	0.194245	0.234322	0.038222528
14	rs10149207	0.306452	0.351618	0.038222528
18	rs1245724	0.184588	0.150767	0.038222528
18	rs11664295	0.372302	0.327933	0.038222528
21	rs6517304	0.158273	0.126362	0.038222528
21	rs1048547	0.132616	0.167177	0.038222528
2	rs12694558	0.370968	0.417007	0.038243725
4	rs1884411	0.293907	0.338506	0.038243725
5	rs4701016	0.235612	0.277986	0.038243725
7	rs10247565	0.528881	0.481058	0.038243725
6	rs6907072	0.27957	0.32391	0.038264934
7	rs2108388	0.295699	0.254772	0.038264934
7	rs1860690	0.136201	0.171492	0.038264934
10	rs11814440	0.390681	0.437266	0.038264934
11	rs10840176	0.366906	0.413846	0.038264934
17	rs9910653	0.354839	0.310627	0.038264934
2	SNP_A-1920052	0.073741	0.052165	0.038286156
4	rs4862449	0.415771	0.463543	0.038286156
7	rs1806467	0.0878136	0.118318	0.038286156
11	rs2068011	0.268953	0.229117	0.038286156
12	rs430102	0.410394	0.364952	0.038286156
14	rs11159248	0.410394	0.456943	0.038286156
1	rs2211332	0.227599	0.26931	0.038307389
1	rs769340	0.0827338	0.0601504	0.038307389
1	rs11102368	0.396057	0.44219	0.038307389
8	rs11779914	0.277778	0.321696	0.038307389
13	rs275903	0.318345	0.275656	0.038307389
16	rs2105842	0.420578	0.374872	0.038307389
2	SNP_A-2073495	0.205036	0.246083	0.038328636
6	rs674708	0.0863309	0.0630753	0.038328636
8	rs4735382	0.164875	0.201838	0.038328636
15	rs12437672	0.354839	0.310668	0.038328636
15	rs967180	0.304659	0.34971	0.038328636
18	rs17806462	0.152878	0.189755	0.038328636

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs1013694	0.204301	0.24455	0.038349894
2	rs7595229	0.206835	0.170811	0.038349894
5	rs6891486	0.112903	0.145507	0.038349894
5	rs1564104	0.142086	0.177914	0.038349894
8	rs6415628	0.446237	0.493015	0.038349894
10	rs12221035	0.0663082	0.0932925	0.038349894
6	rs756293	0.130824	0.166553	0.038371165
7	rs7809688	0.123656	0.157922	0.038371165
13	rs9530244	0.471326	0.425068	0.038371165
14	rs917426	0.498195	0.449932	0.038371165
4	rs1497493	0.424731	0.378788	0.038392448
7	rs722470	0.103943	0.136053	0.038392448
7	rs4725367	0.496403	0.449098	0.038392448
11	rs4922981	0.159498	0.197037	0.038392448
14	rs1546936	0.240143	0.282964	0.038392448
16	rs9927211	0.259857	0.220974	0.038392448
19	rs1260534	0.5	0.452981	0.038392448
22	rs415170	0.374552	0.330041	0.038392448
5	rs729017	0.417563	0.371978	0.038413744
8	rs10504242	0.0555556	0.0809475	0.038413744
17	rs3902482	0.168459	0.206814	0.038413744
3	rs16829809	0.155914	0.124447	0.038435052
3	rs6804855	0.196043	0.161098	0.038435052
4	rs7667281	0.444444	0.398126	0.038435052
8	rs13278000	0.356631	0.402555	0.038435052
12	rs6598153	0.420863	0.375298	0.038435052
17	rs8067440	0.419355	0.372954	0.038435052
6	rs210619	0.408273	0.455662	0.038456372
7	rs6467276	0.397849	0.444501	0.038456372
10	rs11007187	0.196043	0.235945	0.038456372
10	rs10822736	0.390288	0.437266	0.038456372
11	rs10160673	0.397112	0.443609	0.038456372
12	rs7979816	0.213262	0.176941	0.038456372
14	rs8012092	0.240143	0.283032	0.038456372
15	rs12440948	0.241935	0.284594	0.038456372
2	rs13027580	0.379928	0.426746	0.038477705
2	rs10188228	0.424731	0.379263	0.038477705
4	rs13105975	0.0967742	0.0720123	0.038477705
6	rs1001978	0.0501792	0.074421	0.038477705
8	rs330003	0.0394265	0.0620102	0.038477705
10	rs3864832	0.316547	0.361282	0.038477705
2	rs1867868	0.541219	0.492843	0.03849905
13	rs7329513	0.301075	0.259884	0.03849905
18	rs7227343	0.415771	0.370358	0.03849905
2	rs17347194	0.182796	0.148842	0.038520408
2	rs16862227	0.192446	0.232471	0.038520408
4	rs724516	0.0665468	0.0938671	0.038520408
5	rs3776352	0.0555556	0.0803144	0.038520408
7	rs12535212	0.0681004	0.0958787	0.038520408
12	rs12425038	0.143369	0.113211	0.038520408
1	rs4660095	0.33871	0.385061	0.038541778
3	rs4241433	0.508961	0.462338	0.038541778

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs10491463	0.273381	0.317717	0.038541778
5	rs922372	0.344086	0.390614	0.038541778
8	rs4872499	0.191756	0.231529	0.038541778
9	rs10983777	0.232852	0.195541	0.038541778
10	rs284857	0.362007	0.409122	0.038541778
16	rs9932114	0.0485612	0.0725971	0.038541778
1	rs6695566	0.411871	0.458617	0.038563161
4	rs7669547	0.264388	0.224855	0.038563161
6	rs563906	0.236559	0.198604	0.038563161
8	rs2514999	0.188172	0.227443	0.038563161
10	rs2915765	0.439068	0.48552	0.038563161
15	rs189499	0.145161	0.18092	0.038563161
4	rs17294586	0.310036	0.267869	0.038584556
11	rs10896152	0.503597	0.456559	0.038584556
14	rs11847286	0.403226	0.357581	0.038584556
15	rs17614005	0.405018	0.359332	0.038584556
4	rs4865041	0.370968	0.41786	0.038605963
8	rs6558527	0.21147	0.175418	0.038605963
20	rs6075846	0.202509	0.242843	0.038605963
21	rs7282109	0.190647	0.230375	0.038605963
4	rs10010781	0.480287	0.433151	0.038627383
4	rs4512020	0.155914	0.192845	0.038627383
6	rs9363646	0.363799	0.411043	0.038627383
9	rs2225330	0.234767	0.19697	0.038627383
12	rs11174549	0.0770609	0.105658	0.038627383
15	rs8032301	0.385305	0.432221	0.038627383
3	rs1882257	0.354317	0.31094	0.038648815
4	rs13102887	0.173835	0.212555	0.038648815
8	rs10503192	0.172043	0.210347	0.038648815
8	rs13260884	0.390681	0.437095	0.038648815
14	rs4904770	0.15233	0.188991	0.038648815
1	rs6666930	0.23741	0.199523	0.03867026
2	rs6752303	0.455197	0.409261	0.03867026
6	rs9476543	0.508961	0.461971	0.03867026
6	rs636803	0.351254	0.397274	0.03867026
13	rs609746	0.0483871	0.0725999	0.03867026
20	rs1474735	0.270609	0.231018	0.03867026
4	rs16997921	0.0698925	0.0492838	0.038691717
5	rs6887471	0.182796	0.148943	0.038691717
5	rs6556460	0.21223	0.253324	0.038691717
11	rs217109	0.18705	0.152863	0.038691717
21	rs882776	0.492832	0.445941	0.038691717
1	rs448385	0.480287	0.433731	0.038713187
1	rs17116084	0.155914	0.124489	0.038713187
1	rs10797667	0.47491	0.428328	0.038713187
3	rs6549489	0.263441	0.307496	0.038713187
10	rs2274027	0.139785	0.174898	0.038713187
11	rs11029891	0.464029	0.41732	0.038713187
12	rs3850591	0.120072	0.153951	0.038713187
14	rs10140164	0.482079	0.435242	0.038713187
18	rs9958208	0.0806452	0.10937	0.038713187
18	rs9958002	0.0806452	0.10937	0.038713187

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
19	rs10401931	0.189964	0.155962	0.038713187
19	rs7247184	0.286738	0.245999	0.038713187
3	rs1874981	0.141577	0.111925	0.038734669
4	rs1126153	0.27957	0.239182	0.038734669
4	rs3775321	0.476703	0.429277	0.038734669
6	rs514778	0.139785	0.110051	0.038734669
7	rs3807807	0.451613	0.404973	0.038734669
18	rs9959874	0.046595	0.0701874	0.038734669
2	rs4670019	0.306859	0.264986	0.038756164
3	rs7643223	0.456989	0.504087	0.038756164
6	rs13208607	0.215054	0.178474	0.038756164
15	rs11638433	0.272563	0.316757	0.038756164
22	rs135775	0.136691	0.107289	0.038756164
1	rs3125904	0.18705	0.152418	0.038777671
6	rs2397673	0.367384	0.323119	0.038777671
8	rs2000439	0.369176	0.415531	0.038777671
18	rs10853356	0.259857	0.30317	0.038777671
18	rs4121551	0.259857	0.30317	0.038777671
18	rs12970656	0.172043	0.13921	0.038777671
19	rs1233441	0.292115	0.336634	0.038777671
22	rs1003861	0.306452	0.265327	0.038777671
5	rs6875660	0.0851449	0.114544	0.038799191
6	rs13215593	0.145161	0.114402	0.038799191
11	rs11023096	0.229391	0.191823	0.038799191
5	rs10057750	0.301075	0.345826	0.038820723
6	SNP_A-1932884	0.0359712	0.057712	0.038820723
6	rs3132959	0.277978	0.236806	0.038820723
7	rs11562068	0.225806	0.189139	0.038820723
7	rs6973585	0.0483871	0.0725724	0.038820723
17	rs4794563	0.42446	0.378236	0.038820723
21	rs13046811	0.125448	0.159632	0.038820723
2	rs6419590	0.399642	0.354465	0.038842268
7	rs7782781	0.420863	0.37483	0.038842268
19	rs892595	0.282374	0.326569	0.038842268
2	rs16864465	0.378136	0.333277	0.038863825
2	rs4953105	0.37276	0.328162	0.038863825
2	rs12465378	0.381295	0.335834	0.038863825
3	rs7609906	0.250896	0.212436	0.038863825
4	rs9999604	0.216846	0.180409	0.038863825
4	rs6532592	0.360215	0.406474	0.038863825
5	rs2916860	0.136691	0.172114	0.038863825
5	rs11954232	0.395683	0.443193	0.038863825
7	rs1953298	0.392086	0.438842	0.038863825
8	rs17804798	0.100358	0.131892	0.038863825
1	rs3856250	0.0503597	0.074421	0.038885395
3	rs13068431	0.137993	0.173654	0.038885395
3	rs9828866	0.383094	0.430328	0.038885395
5	rs7712927	0.0806452	0.0585432	0.038885395
6	rs6901022	0.284946	0.329922	0.038885395
11	rs633687	0.292115	0.251618	0.038885395
20	rs16991842	0.073741	0.052165	0.038885395
20	rs6025056	0.108696	0.140614	0.038885395

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	SNP_A-2193705	0.0611511	0.0874915	0.038906977
6	rs9356861	0.532258	0.485009	0.038906977
10	rs11001685	0.146953	0.183458	0.038906977
11	rs10791209	0.334532	0.291325	0.038906977
12	rs2133294	0.360215	0.406197	0.038906977
19	rs4346301	0.215054	0.256738	0.038906977
8	rs6471555	0.530466	0.483629	0.038928572
13	rs754393	0.307554	0.352257	0.038928572
17	rs4793109	0.388889	0.435138	0.038928572
18	rs216558	0.324373	0.370358	0.038928572
20	rs16984521	0.116487	0.149693	0.038928572
2	rs1403357	0.270609	0.23014	0.03895018
4	rs17051039	0.129032	0.100681	0.03895018
10	rs3977736	0.244604	0.206133	0.03895018
5	rs7718843	0.201087	0.165642	0.0389718
7	rs7781054	0.296763	0.341792	0.0389718
1	rs7536778	0.181004	0.147289	0.038993433
1	rs10926624	0.33871	0.384786	0.038993433
2	rs820773	0.417266	0.371677	0.038993433
4	rs10517279	0.123656	0.157805	0.038993433
4	rs17197854	0.24552	0.288075	0.038993433
5	rs17139251	0.0448029	0.0682128	0.038993433
6	rs4897270	0.378136	0.333731	0.038993433
10	rs2458696	0.188849	0.154514	0.038993433
5	rs6888228	0.0896057	0.119502	0.039015078
7	rs12705276	0.111511	0.144463	0.039015078
8	rs925688	0.52509	0.478172	0.039015078
12	rs17045649	0.188172	0.153767	0.039015078
13	rs4371024	0.350719	0.396763	0.039015078
15	rs7180939	0.214029	0.255106	0.039015078
2	rs17032980	0.150538	0.187713	0.039036736
5	rs17084873	0.114695	0.14734	0.039036736
16	rs1471379	0.344086	0.390157	0.039036736
20	rs6049811	0.413357	0.367657	0.039036736
20	rs6129968	0.43705	0.483772	0.039036736
20	rs1883843	0.301444	0.346325	0.039036736
21	rs6586252	0.435252	0.389703	0.039036736
4	rs1491150	0.523297	0.476158	0.039058406
4	rs6811144	0.498188	0.450546	0.039058406
5	rs2251843	0.523381	0.476677	0.039058406
6	rs9490287	0.188172	0.153899	0.039058406
13	rs1517895	0.367384	0.414276	0.039058406
2	rs7571677	0.191756	0.231399	0.03908009
3	rs10804636	0.203237	0.168146	0.03908009
18	rs9961327	0.498208	0.451431	0.03908009
21	rs2825400	0.366906	0.413488	0.03908009
1	rs4949188	0.25	0.292206	0.039101785
1	rs7551255	0.288809	0.332652	0.039101785
2	rs7607093	0.320144	0.365293	0.039101785
2	rs6430136	0.338129	0.383907	0.039101785
6	rs9294436	0.206093	0.171039	0.039101785
9	rs2006898	0.374552	0.420559	0.039101785

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs9575331	0.514337	0.467076	0.039101785
13	rs7321419	0.09319	0.0691652	0.039101785
14	rs4420467	0.348921	0.305584	0.039101785
14	rs11160778	0.412186	0.366735	0.039101785
15	rs12914231	0.324373	0.369639	0.039101785
17	rs11656936	0.195341	0.235695	0.039101785
19	rs846900	0.387097	0.342852	0.039101785
9	rs534214	0.410394	0.457411	0.039123494
10	rs2944531	0.0645161	0.091002	0.039123494
1	rs3121522	0.241935	0.284254	0.039145215
4	rs10866251	0.209677	0.250767	0.039145215
5	rs2643467	0.508961	0.461814	0.039145215
13	rs9575249	0.0752688	0.0538698	0.039145215
2	rs17007725	0.0537634	0.0786153	0.039166948
5	rs574689	0.242806	0.285373	0.039166948
6	rs573594	0.218638	0.181834	0.039166948
7	rs7794569	0.37276	0.328844	0.039166948
9	rs10982513	0.234767	0.197073	0.039166948
12	rs10777800	0.0394265	0.0622018	0.039166948
13	rs9512233	0.329749	0.286785	0.039166948
17	SNP_A-2287737	0.318996	0.277154	0.039166948
2	rs1017769	0.102151	0.0771721	0.039188695
7	rs215596	0.343636	0.389854	0.039188695
7	rs17647278	0.175627	0.142613	0.039188695
8	rs454265	0.304659	0.349301	0.039188695
11	rs12803129	0.458781	0.412636	0.039188695
13	rs9554723	0.143369	0.179496	0.039188695
13	rs1854977	0.216846	0.258092	0.039188695
1	rs12043418	0.277778	0.321307	0.039210454
2	rs3213775	0.100358	0.075179	0.039210454
6	rs6899814	0.392086	0.439033	0.039210454
8	rs12677457	0.299283	0.344581	0.039210454
17	rs1521462	0.453405	0.407464	0.039210454
4	rs17293345	0.309353	0.26728	0.039232225
5	rs16882648	0.249104	0.210392	0.039232225
5	rs3857299	0.134409	0.169561	0.039232225
9	rs7042135	0.467626	0.420865	0.039232225
10	rs11259685	0.494624	0.447736	0.039232225
12	rs11174412	0.348921	0.305896	0.039232225
1	rs10796969	0.405018	0.451822	0.03925401
4	rs7672440	0.40681	0.360988	0.03925401
4	rs2709812	0.392473	0.438991	0.03925401
11	rs217099	0.193548	0.158952	0.03925401
13	rs9558531	0.281362	0.324762	0.03925401
13	rs6492751	0.401434	0.356851	0.03925401
15	rs7171755	0.369176	0.414563	0.03925401
21	rs2205560	0.277778	0.237632	0.03925401
9	rs1542029	0.20471	0.168997	0.039275807
13	rs912607	0.32491	0.369632	0.039275807
15	rs7163288	0.258065	0.300136	0.039275807
2	rs11893681	0.0863309	0.116303	0.039297617
5	rs4642335	0.496416	0.449949	0.039297617

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
11	rs1375974	0.0724638	0.10075	0.039297617
1	rs12130372	0.0645161	0.091374	0.039319439
2	rs17048101	0.0361011	0.0576202	0.039319439
5	rs10475169	0.0902527	0.120266	0.039319439
7	rs2968845	0.370968	0.327257	0.039319439
8	rs2515000	0.188172	0.227257	0.039319439
12	rs2712657	0.302158	0.260477	0.039319439
12	rs12320320	0.249104	0.291312	0.039319439
18	rs6506572	0.317204	0.362181	0.039319439
4	rs4100737	0.370968	0.326465	0.039341274
6	rs910171	0.0752688	0.0540034	0.039341274
7	rs17260769	0.517921	0.470698	0.039341274
10	rs7917615	0.34767	0.393356	0.039341274
11	rs11822105	0.214029	0.177342	0.039341274
4	rs10857104	0.318996	0.276755	0.039363122
8	rs16939127	0.209677	0.173713	0.039363122
13	rs4326932	0.526882	0.479672	0.039363122
16	rs12149483	0.0917266	0.122484	0.039363122
18	rs9949149	0.317204	0.362228	0.039363122
2	rs6706577	0.514337	0.467736	0.039384983
3	rs2679805	0.0395683	0.0616695	0.039384983
4	rs17239198	0.044964	0.0681896	0.039384983
5	rs11739843	0.478495	0.431005	0.039384983
6	rs13198269	0.255396	0.216037	0.039384983
7	rs7800398	0.444444	0.491303	0.039384983
15	rs2200490	0.401079	0.447736	0.039384983
2	rs17021908	0.11828	0.151551	0.039406856
2	rs6731576	0.232014	0.193961	0.039406856
6	rs6910109	0.52509	0.477853	0.039406856
6	rs6571108	0.181004	0.147209	0.039406856
7	rs12534299	0.492806	0.445392	0.039406856
9	rs2026586	0.0824373	0.111795	0.039406856
1	rs3795494	0.5	0.453508	0.039428742
4	rs12641774	0.120504	0.0927378	0.039428742
4	rs10032020	0.132616	0.167575	0.039428742
7	rs9690885	0.158273	0.195674	0.039428742
9	rs12001366	0.046595	0.0698229	0.039428742
12	rs4768777	0.292115	0.336286	0.039428742
14	rs2150330	0.292115	0.33663	0.039428742
22	rs132873	0.17446	0.141227	0.039428742
5	rs1501346	0.238351	0.200409	0.039450641
7	rs10229018	0.327957	0.373632	0.039450641
7	rs17379465	0.341727	0.298704	0.039450641
9	rs4265281	0.213262	0.177051	0.039450641
10	rs7090427	0.163082	0.200204	0.039450641
10	rs829228	0.409747	0.45748	0.039450641
21	rs8132470	0.260791	0.303444	0.039450641
2	rs2138380	0.157706	0.126447	0.039472553
3	rs7650625	0.25	0.211506	0.039472553
5	rs1345777	0.324373	0.370402	0.039472553
6	rs9343912	0.442652	0.396728	0.039472553
8	rs2719290	0.22043	0.183413	0.039472553

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs10091938	0.114695	0.0877044	0.039472553
9	rs4272489	0.0523466	0.0773038	0.039472553
12	rs918107	0.215054	0.178863	0.039472553
13	rs1756472	0.215054	0.178888	0.039472553
1	rs12043295	0.292115	0.251194	0.039494477
1	rs3949865	0.349462	0.394853	0.039494477
5	SNP_A-1828740	0.127698	0.0997617	0.039494477
7	rs7810536	0.334532	0.380068	0.039494477
10	rs10159862	0.476703	0.43013	0.039494477
11	rs4938653	0.0806452	0.110014	0.039494477
1	rs616111	0.460573	0.41431	0.039516414
1	rs11264618	0.238351	0.280143	0.039516414
19	rs8108157	0.397849	0.353492	0.039516414
3	rs339656	0.175627	0.213824	0.039538364
4	rs17219704	0.214029	0.178035	0.039538364
4	rs6533780	0.154122	0.19063	0.039538364
5	rs6596598	0.154122	0.19063	0.039538364
7	rs9642434	0.0989209	0.13062	0.039538364
9	rs11103291	0.299283	0.257576	0.039538364
12	rs6487856	0.464158	0.417547	0.039538364
13	rs2329151	0.46595	0.419789	0.039538364
16	rs6499515	0.422662	0.469666	0.039538364
12	rs11175294	0.270609	0.230625	0.039560327
14	rs2403102	0.241007	0.203439	0.039560327
2	rs2947960	0.383513	0.339578	0.039582302
8	rs4607586	0.115523	0.0884261	0.039582302
9	rs4745559	0.136691	0.106924	0.039582302
11	rs7117443	0.380866	0.336227	0.039582302
22	rs4820229	0.360215	0.31682	0.039582302
2	rs2276674	0.430108	0.477342	0.039604291
5	rs10069831	0.344086	0.389854	0.039604291
5	rs256810	0.227599	0.190695	0.039604291
5	rs17080709	0.250903	0.293776	0.039604291
10	rs10749223	0.0806452	0.0580722	0.039604291
11	rs7128469	0.378136	0.424991	0.039604291
11	rs3190331	0.417563	0.464152	0.039604291
12	rs11049620	0.362007	0.318631	0.039604291
14	rs10131241	0.268817	0.228868	0.039604291
14	rs930099	0.18638	0.15247	0.039604291
19	rs7259569	0.139785	0.175298	0.039604291
8	rs2469395	0.0519713	0.0766997	0.039626292
15	rs2899383	0.419355	0.374361	0.039626292
17	rs7221886	0.415162	0.461919	0.039626292
1	rs3767101	0.116906	0.0896387	0.039648306
3	rs4530555	0.188849	0.154738	0.039648306
7	rs13239220	0.410394	0.456997	0.039648306
7	rs1691210	0.528674	0.482259	0.039648306
7	rs10954431	0.491039	0.443952	0.039648306
11	rs202675	0.25	0.291965	0.039648306
16	rs2269767	0.135379	0.170865	0.039648306
16	rs8051241	0.21147	0.175307	0.039648306
16	rs6500457	0.448029	0.402589	0.039648306

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
20	rs3003137	0.483813	0.437138	0.039648306
1	rs2185341	0.33871	0.29554	0.039670333
4	rs10517390	0.149819	0.186305	0.039670333
5	rs257098	0.273381	0.233731	0.039670333
5	rs2963921	0.408273	0.362815	0.039670333
6	rs1333227	0.22482	0.266428	0.039670333
8	rs2958757	0.0860215	0.0630324	0.039670333
10	rs2210673	0.16787	0.205722	0.039670333
13	rs9585593	0.185252	0.224719	0.039670333
17	rs12150079	0.370968	0.327093	0.039670333
18	rs9964067	0.360215	0.316184	0.039670333
1	rs1886306	0.164875	0.132834	0.039692372
7	rs6950526	0.184588	0.150664	0.039692372
4	rs6821889	0.28853	0.247531	0.039714425
4	rs12499508	0.507168	0.459625	0.039714425
6	rs6913879	0.227599	0.268929	0.039714425
7	rs2430022	0.537634	0.490971	0.039714425
9	rs12339210	0.143369	0.113721	0.039714425
10	rs6584631	0.207885	0.248464	0.039714425
14	rs10134871	0.207885	0.248382	0.039714425
20	rs6082361	0.379928	0.335778	0.039714425
2	rs16985374	0.132616	0.167235	0.03973649
3	rs1396293	0.299283	0.258438	0.03973649
7	rs17257433	0.439068	0.485179	0.03973649
8	rs1482209	0.0469314	0.0708675	0.03973649
11	rs10501330	0.435252	0.482106	0.03973649
11	rs563202	0.11828	0.151448	0.03973649
13	rs882970	0.144404	0.114413	0.03973649
13	rs1324870	0.451613	0.498298	0.03973649
14	rs175071	0.507168	0.460266	0.03973649
15	rs11854673	0.140794	0.176491	0.03973649
15	rs12914795	0.0878136	0.117978	0.03973649
2	rs6749805	0.204301	0.244281	0.039758568
4	rs1358229	0.419355	0.466758	0.039758568
5	rs11134453	0.363799	0.410226	0.039758568
9	rs3750552	0.296763	0.25554	0.039758568
12	rs1496251	0.455036	0.501875	0.039758568
1	rs10889671	0.09319	0.123551	0.039780659
2	rs6719635	0.0740072	0.052506	0.039780659
3	rs743757	0.111111	0.14349	0.039780659
9	rs7849770	0.348921	0.30566	0.039780659
10	rs10906026	0.269784	0.229905	0.039780659
10	rs4749580	0.375899	0.422381	0.039780659
13	rs16962820	0.139785	0.110239	0.039780659
6	rs10485408	0.181004	0.147429	0.039802763
8	rs1395614	0.0734767	0.101365	0.039802763
13	rs9597506	0.100358	0.0752981	0.039802763
14	rs2401898	0.182796	0.149132	0.039802763
17	rs4985683	0.114695	0.0883055	0.039802763
10	rs1490172	0.308664	0.266815	0.03982488
12	rs11067030	0.213262	0.177183	0.03982488
18	rs2036936	0.379928	0.33515	0.03982488

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs291945	0.0394265	0.0614754	0.03984701
6	rs17198823	0.197133	0.162628	0.03984701
8	rs2047378	0.453237	0.50017	0.03984701
11	rs6589297	0.322581	0.279952	0.03984701
14	rs6571636	0.435484	0.389608	0.03984701
14	rs11159080	0.437276	0.483992	0.03984701
14	rs10133718	0.258065	0.219059	0.03984701
15	rs12908208	0.252708	0.296176	0.03984701
19	rs1813234	0.324373	0.281623	0.03984701
2	rs340514	0.473118	0.426185	0.039869153
5	rs6556507	0.125899	0.160143	0.039869153
8	rs10107515	0.154122	0.190565	0.039869153
12	rs12579393	0.198556	0.163761	0.039869153
3	rs9830204	0.354839	0.310903	0.039891308
3	rs10934387	0.155914	0.12483	0.039891308
4	rs1022247	0.281362	0.325094	0.039891308
4	rs7655646	0.310036	0.268143	0.039891308
4	rs1356672	0.216846	0.258174	0.039891308
13	rs2785497	0.393116	0.440342	0.039891308
13	rs17446175	0.449821	0.496422	0.039891308
16	rs11644822	0.350719	0.397445	0.039891308
16	rs7189970	0.304348	0.349131	0.039891308
18	rs7239952	0.360215	0.316229	0.039891308
2	rs840879	0.448029	0.401363	0.039913477
3	rs963158	0.53777	0.490788	0.039913477
10	rs10906425	0.224014	0.187777	0.039913477
1	rs7539380	0.141577	0.177062	0.039935658
2	rs7582294	0.308244	0.266349	0.039935658
10	rs11012274	0.207885	0.248467	0.039935658
1	rs10926514	0.341727	0.387734	0.039957852
2	rs12711663	0.138989	0.109007	0.039957852
4	rs4696259	0.396057	0.44257	0.039957852
5	rs7709790	0.216846	0.180641	0.039957852
5	rs257063	0.222222	0.26314	0.039957852
6	rs9451480	0.265343	0.308612	0.039957852
10	rs637440	0.322581	0.367918	0.039957852
12	rs12579775	0.062724	0.0889267	0.039957852
3	rs164336	0.134892	0.169792	0.03998006
11	rs2067043	0.336918	0.294007	0.03998006
11	rs2467092	0.120072	0.153256	0.03998006
11	rs4121759	0.0430108	0.0659284	0.03998006
18	rs1035207	0.44086	0.487564	0.03998006
20	rs4815041	0.32491	0.282475	0.03998006
22	rs2157252	0.360215	0.316865	0.03998006
8	rs933114	0.370968	0.417036	0.04000228
8	rs2289889	0.406137	0.453397	0.04000228
12	rs11615637	0.213262	0.177222	0.04000228
17	rs8076067	0.203237	0.1682	0.04000228
19	rs1064267	0.15233	0.188824	0.04000228
22	rs10854865	0.200717	0.165416	0.04000228
1	rs16852801	0.0881295	0.117888	0.040024513
5	rs16874709	0.124549	0.158549	0.040024513

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs2366837	0.390681	0.437095	0.040024513
11	rs3824898	0.389892	0.345315	0.040024513
17	rs12949718	0.359712	0.315807	0.040024513
7	rs12531559	0.259857	0.303309	0.040046759
21	rs16992859	0.044964	0.0681663	0.040046759
4	rs12501731	0.335125	0.292135	0.040069018
4	rs1540474	0.370968	0.326635	0.040069018
16	rs1079926	0.224014	0.18718	0.040069018
19	rs10408343	0.102888	0.0775128	0.040069018
5	rs12514616	0.249097	0.292121	0.040091291
7	rs17133377	0.100719	0.0756646	0.040091291
9	rs9408714	0.453405	0.499659	0.040091291
11	rs4296033	0.150538	0.119665	0.040091291
15	rs2939850	0.222222	0.263194	0.040091291
16	rs4616298	0.415771	0.462679	0.040091291
5	rs9292617	0.284946	0.329073	0.040113576
6	rs17209741	0.360215	0.316865	0.040113576
6	rs9400409	0.27957	0.239747	0.040113576
7	rs2240026	0.0394265	0.0617305	0.040113576
7	rs7782175	0.464158	0.418114	0.040113576
8	rs800558	0.165468	0.202997	0.040113576
10	rs2670220	0.292115	0.336286	0.040113576
11	rs3829259	0.351254	0.308243	0.040113576
12	rs12823591	0.125448	0.0973783	0.040113576
18	rs6506332	0.496416	0.449915	0.040113576
21	rs962788	0.374552	0.33083	0.040113576
6	rs17284939	0.18638	0.225136	0.040135874
10	rs2505453	0.268817	0.229564	0.040135874
2	rs2685695	0.383513	0.339687	0.040158185
3	rs7639020	0.0842294	0.113969	0.040158185
4	rs2110152	0.275986	0.31891	0.040158185
7	rs10488021	0.122302	0.155888	0.040158185
1	rs6682659	0.376344	0.423025	0.040180509
5	rs11745357	0.129032	0.163602	0.040180509
5	rs6449503	0.438628	0.485495	0.040180509
5	rs4700423	0.309353	0.267565	0.040180509
11	rs1715263	0.120072	0.153218	0.040180509
5	rs17523221	0.0899281	0.12015	0.040202846
11	rs4757568	0.302867	0.347085	0.040202846
14	rs11997	0.197842	0.162747	0.040202846
18	rs1893271	0.281362	0.324813	0.040202846
6	rs628428	0.236559	0.19891	0.040225197
6	rs2566833	0.249104	0.29161	0.040225197
6	rs6940459	0.333333	0.379052	0.040225197
8	rs4570167	0.318996	0.364349	0.040225197
8	rs10875467	0.365591	0.412326	0.040225197
9	rs6477140	0.399642	0.354273	0.040225197
10	rs2260179	0.268817	0.312628	0.040225197
21	rs233275	0.417563	0.464261	0.040225197
2	rs7558412	0.178058	0.144908	0.04024756
3	rs1919986	0.0430108	0.0661664	0.04024756
3	rs1608107	0.455036	0.501367	0.04024756

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs6448565	0.150538	0.186521	0.04024756
11	rs12420681	0.136691	0.107362	0.04024756
11	rs535831	0.292115	0.336007	0.04024756
15	rs8030999	0.132616	0.103307	0.04024756
16	rs1350888	0.405018	0.451057	0.04024756
18	rs1866985	0.321942	0.279707	0.04024756
1	rs2095785	0.28853	0.33197	0.040269936
5	rs10075648	0.283394	0.327545	0.040269936
8	rs7815471	0.410394	0.45724	0.040269936
3	rs6805781	0.442652	0.397204	0.040292325
6	rs12197213	0.120072	0.153374	0.040292325
8	rs4557669	0.210432	0.251618	0.040292325
9	rs11142636	0.253597	0.214991	0.040292325
11	rs4757718	0.392473	0.347856	0.040292325
15	rs1074390	0.365108	0.411584	0.040292325
18	rs1948617	0.517986	0.47118	0.040292325
1	rs1599970	0.0806452	0.109274	0.040314728
2	rs1584832	0.33871	0.296422	0.040314728
2	rs1922625	0.0971223	0.128288	0.040314728
6	rs6902889	0.383094	0.428839	0.040314728
8	rs1007206	0.482079	0.435627	0.040314728
12	rs12823875	0.455036	0.409478	0.040314728
12	rs4762016	0.200717	0.165702	0.040314728
13	rs9318627	0.360215	0.406537	0.040314728
5	rs1478487	0.419355	0.466304	0.040337143
5	rs10073753	0.243728	0.285763	0.040337143
9	rs4978005	0.413669	0.460163	0.040337143
10	rs2184578	0.105735	0.079918	0.040337143
13	rs9597505	0.0971223	0.0728918	0.040337143
15	rs16971950	0.0913978	0.0673602	0.040337143
16	rs1580765	0.324373	0.369714	0.040337143
21	rs229352	0.327957	0.373467	0.040337143
2	rs17040704	0.12724	0.161614	0.040359572
2	rs778184	0.397849	0.444596	0.040359572
2	rs11893486	0.439068	0.39349	0.040359572
11	rs637131	0.125448	0.0972743	0.040359572
13	rs912639	0.451264	0.497956	0.040359572
2	rs17385675	0.0996377	0.0750597	0.040382014
4	rs2232029	0.116906	0.149506	0.040382014
11	rs11041095	0.217626	0.181073	0.040382014
17	rs202120	0.225806	0.267723	0.040382014
1	rs10863918	0.444444	0.491485	0.040404468
3	rs17047073	0.433692	0.3873	0.040404468
3	rs16849514	0.116906	0.0898704	0.040404468
7	rs1918422	0.0842294	0.113629	0.040404468
12	rs771963	0.150538	0.187032	0.040404468
15	rs3784397	0.417563	0.372572	0.040404468
16	rs205148	0.197842	0.237738	0.040404468
1	rs7546959	0.444444	0.491491	0.040426936
2	rs17324208	0.175627	0.213726	0.040426936
3	rs6441863	0.18638	0.152759	0.040426936
3	rs12492113	0.0967742	0.127638	0.040426936

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs10100859	0.521583	0.474403	0.040426936
10	rs2117795	0.145683	0.181617	0.040426936
11	rs1562445	0.25448	0.215917	0.040426936
15	rs3784722	0.259857	0.302215	0.040426936
19	rs7255649	0.16129	0.129775	0.040426936
3	rs6599244	0.136201	0.107155	0.040449417
4	rs1477544	0.438849	0.393356	0.040449417
10	rs2126747	0.234767	0.197409	0.040449417
12	rs740743	0.362007	0.318399	0.040449417
16	rs7188213	0.357914	0.403033	0.040449417
18	rs7227668	0.293165	0.337879	0.040449417
5	rs835079	0.11828	0.151618	0.040471912
7	rs2974939	0.370968	0.32748	0.040471912
13	rs1888241	0.417266	0.4642	0.040471912
1	rs11591084	0.387097	0.432902	0.040494419
4	rs989396	0.100358	0.0753752	0.040494419
4	rs10009617	0.231183	0.273161	0.040494419
10	rs10882293	0.510791	0.464383	0.040494419
15	rs896614	0.38172	0.428182	0.040494419
5	rs16890002	0.073741	0.0525418	0.040516939
7	rs6459861	0.0340502	0.0550239	0.040516939
11	rs11215719	0.259857	0.30303	0.040516939
13	rs1028770	0.451613	0.498125	0.040516939
2	rs17039375	0.0860215	0.115555	0.040539473
2	rs7370609	0.344086	0.301158	0.040539473
8	rs7819427	0.120072	0.153545	0.040539473
9	rs1387595	0.413043	0.459713	0.040539473
19	rs2571051	0.390681	0.437138	0.040539473
1	rs10429877	0.134409	0.169278	0.040562019
2	rs3948117	0.192446	0.157868	0.040562019
5	rs12654884	0.507246	0.459741	0.040562019
5	rs964541	0.478495	0.43205	0.040562019
6	rs4959648	0.456835	0.502724	0.040562019
6	rs3800270	0.0917266	0.121893	0.040562019
9	rs984531	0.482079	0.435539	0.040562019
12	rs1021887	0.521505	0.474957	0.040562019
13	rs2258368	0.134409	0.105389	0.040562019
14	rs1949560	0.535842	0.48926	0.040562019
6	rs7745185	0.0755396	0.103783	0.040584579
7	rs2909483	0.426259	0.472733	0.040584579
10	rs10886291	0.28853	0.332367	0.040584579
15	rs1026759	0.383513	0.339639	0.040584579
22	rs2157254	0.360215	0.317036	0.040584579
7	rs6947204	0.439068	0.485014	0.040607152
8	rs1500899	0.275986	0.319761	0.040607152
20	rs2268916	0.360215	0.31682	0.040607152
2	rs10197757	0.360215	0.406165	0.040629739
20	rs6093059	0.276173	0.319501	0.040629739
4	rs1470280	0.392086	0.43848	0.040652338
6	rs17073012	0.177419	0.144001	0.040652338
7	rs4948003	0.311828	0.270514	0.040652338
8	rs1350681	0.285971	0.245653	0.040652338

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs9553711	0.394265	0.440545	0.040652338
14	rs12887886	0.308244	0.352691	0.040652338
15	rs898126	0.155914	0.19295	0.040652338
16	rs4887786	0.0938628	0.0695534	0.040652338
1	rs4655141	0.134409	0.169226	0.040674951
1	rs17609581	0.0896057	0.120014	0.040674951
6	rs10484314	0.363799	0.319795	0.040674951
6	rs565685	0.283154	0.243188	0.040674951
12	rs7954946	0.388889	0.435242	0.040674951
13	rs9574187	0.25448	0.297546	0.040674951
16	rs9925751	0.251799	0.213361	0.040674951
18	rs306219	0.170251	0.207865	0.040674951
7	rs17280671	0.118705	0.151789	0.040697577
7	rs11765868	0.28777	0.331175	0.040720216
10	rs7100461	0.0483871	0.0723797	0.040720216
12	rs7488564	0.268817	0.229067	0.040720216
16	rs1809784	0.214029	0.177914	0.040720216
2	rs9287852	0.430108	0.384366	0.040742868
6	rs1923380	0.275986	0.235955	0.040742868
14	rs10138916	0.401434	0.448141	0.040742868
15	rs7175099	0.370968	0.327486	0.040742868
16	rs8062350	0.33871	0.29571	0.040742868
16	rs12325417	0.274194	0.317655	0.040742868
22	rs1076299	0.278777	0.238323	0.040742868
1	rs774139	0.145683	0.115123	0.040765533
7	rs2342497	0.11828	0.151396	0.040765533
7	rs6971638	0.523297	0.476109	0.040765533
7	rs6966038	0.215054	0.178827	0.040765533
8	rs11776404	0.0519713	0.0761612	0.040765533
8	rs7839996	0.198556	0.238323	0.040765533
11	rs7936908	0.120072	0.153374	0.040765533
14	rs7140886	0.402878	0.357751	0.040765533
3	rs6803450	0.229391	0.27045	0.040788212
3	rs3906013	0.206835	0.246253	0.040788212
4	rs902649	0.526882	0.480566	0.040788212
4	rs1036722	0.311828	0.270201	0.040788212
12	rs4964248	0.223827	0.265838	0.040788212
6	rs6920099	0.360215	0.405451	0.040810904
6	rs16877011	0.141577	0.11149	0.040810904
13	rs9527779	0.397112	0.44295	0.040810904
15	rs4778264	0.163082	0.200204	0.040810904
1	rs3765962	0.263441	0.305973	0.040833609
2	rs10176594	0.428315	0.474778	0.040833609
3	rs2367598	0.397482	0.444254	0.040833609
3	rs3107329	0.210432	0.174165	0.040833609
3	rs1021531	0.246403	0.288147	0.040833609
7	rs10224816	0.134892	0.106267	0.040833609
11	rs2226602	0.272401	0.232265	0.040833609
1	rs10127938	0.18638	0.22546	0.040856328
5	rs6450359	0.133094	0.104394	0.040856328
13	rs7321832	0.194245	0.23372	0.040856328
2	rs10187085	0.073741	0.0522998	0.04087906

Table DS2All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs17002418	0.0394265	0.0614125	0.04087906
6	rs9403310	0.353047	0.398943	0.04087906
11	rs10835533	0.204301	0.169052	0.04087906
12	rs7961265	0.258993	0.220123	0.04087906
13	rs12428032	0.100358	0.0754685	0.04087906
15	rs11856537	0.399642	0.355586	0.04087906
18	rs1352033	0.255396	0.298228	0.04087906
1	rs10754729	0.31362	0.358237	0.040901805
4	rs6834624	0.320789	0.365529	0.040901805
6	rs3997653	0.435252	0.390327	0.040901805
7	rs7796052	0.267986	0.228049	0.040901805
8	rs16936692	0.0824373	0.0596049	0.040901805
14	rs10135787	0.231183	0.272557	0.040901805
1	rs1333029	0.0555556	0.0810075	0.040924563
5	rs6890519	0.132616	0.104053	0.040924563
13	rs9538575	0.218638	0.258856	0.040924563
2	rs10165224	0.170251	0.208106	0.040947335
2	rs1026076	0.419355	0.466235	0.040947335
2	rs4664187	0.298561	0.342473	0.040947335
5	rs12659597	0.177419	0.215162	0.040947335
6	rs3849797	0.0985663	0.12934	0.040947335
7	rs12531628	0.215054	0.25631	0.040947335
7	rs10954328	0.168459	0.13624	0.040947335
10	rs10886927	0.356631	0.402352	0.040947335
2	rs6712838	0.5	0.453136	0.04097012
4	rs2083136	0.370968	0.326805	0.04097012
6	SNP_A-1986633	0.0949821	0.0706503	0.04097012
9	rs2518116	0.505376	0.458645	0.04097012
11	rs7934696	0.0485612	0.0719412	0.04097012
1	rs10888795	0.27957	0.323389	0.040992918
5	SNP_A-2267538	0.0985663	0.0739353	0.040992918
10	rs7912102	0.209677	0.250085	0.040992918
13	rs3128055	0.460573	0.414905	0.040992918
15	rs351214	0.145161	0.18047	0.040992918
19	rs285685	0.226619	0.189608	0.040992918
20	rs6071880	0.202509	0.167462	0.040992918
1	rs12029094	0.344086	0.390194	0.04101573
2	rs6705746	0.439068	0.393563	0.04101573
3	rs6772598	0.227599	0.269336	0.04101573
5	rs1830169	0.180505	0.219412	0.04101573
8	rs17635381	0.170251	0.138055	0.04101573
9	rs11143958	0.291367	0.335264	0.04101573
11	rs4363616	0.286738	0.330436	0.04101573
13	rs9585570	0.190647	0.229983	0.04101573
16	rs12716974	0.483871	0.437819	0.04101573
18	rs7407129	0.394265	0.349182	0.04101573
18	rs11152170	0.501792	0.455521	0.04101573
18	rs8091123	0.507194	0.46028	0.04101573
20	rs527158	0.458781	0.412799	0.04101573
1	rs6672092	0.259857	0.303072	0.041038555
2	rs6753187	0.507168	0.461001	0.041038555
6	rs9492436	0.0752688	0.103202	0.041038555

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs985276	0.0557554	0.0810304	0.041038555
11	rs10898026	0.109712	0.14176	0.041038555
11	rs11223714	0.109712	0.1422	0.041038555
15	rs12898934	0.189964	0.228698	0.041038555
15	rs6494290	0.421147	0.467802	0.041038555
19	rs10412267	0.0913978	0.0679959	0.041038555
19	rs1401926	0.517986	0.470708	0.041038555
21	rs1452093	0.345878	0.391238	0.041038555
1	rs12744540	0.275986	0.318924	0.041061393
4	rs11098343	0.332734	0.378065	0.041061393
10	rs12569589	0.33935	0.384157	0.041061393
12	rs4765412	0.0698925	0.0969336	0.041061393
21	rs2839187	0.155914	0.124915	0.041061393
3	rs9825263	0.415771	0.370654	0.041084244
4	rs13105340	0.321942	0.279768	0.041084244
5	rs1990201	0.518051	0.471881	0.041084244
6	rs8180595	0.252688	0.295571	0.041084244
8	rs1504752	0.157706	0.126192	0.041084244
8	rs6578002	0.464158	0.418284	0.041084244
11	rs11217100	0.433453	0.387978	0.041084244
13	rs9541533	0.0896057	0.0662692	0.041084244
2	rs1434189	0.345878	0.391008	0.041107109
5	rs1477358	0.451613	0.498292	0.041107109
6	rs6899580	0.382671	0.42935	0.041107109
6	rs9351605	0.357914	0.403715	0.041107109
9	rs1853252	0.248201	0.290531	0.041107109
9	rs11103281	0.078853	0.1078	0.041107109
12	rs3181301	0.537634	0.490634	0.041107109
13	rs1186157	0.301075	0.259537	0.041107109
1	rs6427900	0.112903	0.145123	0.041129988
9	rs1360681	0.343525	0.389683	0.041129988
12	rs1873154	0.383513	0.339353	0.041129988
13	rs9565411	0.326715	0.284545	0.041129988
15	rs7169459	0.214029	0.254688	0.041129988
17	rs1868826	0.204301	0.169506	0.041129988
21	rs2837970	0.408602	0.364101	0.041129988
1	rs12142980	0.370968	0.416411	0.041152879
1	rs16833356	0.0394265	0.0615201	0.041152879
2	rs7594951	0.073741	0.101978	0.041152879
4	rs17058876	0.480287	0.433959	0.041152879
8	rs12543764	0.215827	0.179775	0.041152879
9	rs10981407	0.268953	0.230075	0.041152879
12	rs1022232	0.123656	0.157294	0.041152879
12	rs17802054	0.324373	0.36895	0.041152879
12	rs952464	0.23741	0.278781	0.041152879
20	rs17408919	0.190647	0.229067	0.041152879
1	rs4908327	0.142086	0.112474	0.041175785
2	rs17040234	0.143369	0.113877	0.041175785
6	rs1655364	0.480144	0.432856	0.041175785
9	rs10869042	0.218638	0.181834	0.041175785
14	rs10873449	0.136201	0.170474	0.041175785
16	rs7201472	0.136201	0.106742	0.041175785

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
20	rs6081461	0.267986	0.228464	0.041175785
1	rs259325	0.453237	0.407155	0.041198703
4	rs12499640	0.386282	0.341738	0.041198703
4	rs6850817	0.168459	0.205802	0.041198703
4	rs4862450	0.401434	0.448229	0.041198703
6	rs3905237	0.15343	0.189415	0.041198703
9	rs7034335	0.438849	0.392772	0.041198703
12	rs4767703	0.234767	0.197548	0.041198703
14	rs10131139	0.187726	0.226422	0.041198703
3	rs9869347	0.26259	0.306133	0.041221635
4	rs4512036	0.514337	0.467802	0.041221635
6	rs3792971	0.270609	0.231175	0.041221635
20	rs6077498	0.235612	0.197785	0.041221635
3	rs16853076	0.09319	0.0690419	0.04124458
4	rs1957731	0.216846	0.180797	0.04124458
6	rs1224760	0.426523	0.473083	0.04124458
9	rs3829073	0.102151	0.133594	0.04124458
10	rs11187389	0.188849	0.227816	0.04124458
11	rs4756911	0.0752688	0.102695	0.04124458
13	rs582854	0.516129	0.468825	0.04124458
20	rs6055125	0.412186	0.458645	0.04124458
20	rs2235825	0.0734767	0.101568	0.04124458
3	rs4580548	0.0645161	0.0911414	0.041267539
5	rs2188465	0.242806	0.284715	0.041267539
16	rs4785595	0.370968	0.41661	0.041267539
18	rs17736813	0.265233	0.226048	0.041267539
18	SNP_A-1839840	0.109712	0.0836172	0.041267539
20	rs968324	0.395683	0.351024	0.041267539
2	rs243018	0.399642	0.445334	0.041290511
2	rs7607353	0.0647482	0.0912185	0.041290511
4	rs13105969	0.265233	0.308191	0.041290511
6	rs9391913	0.399642	0.354976	0.041290511
8	rs7007093	0.422662	0.469666	0.041290511
9	rs1998247	0.202509	0.241914	0.041290511
12	rs716553	0.351254	0.307601	0.041290511
18	rs1657415	0.304348	0.348837	0.041290511
5	rs11958844	0.235612	0.277002	0.041313497
8	rs7464067	0.27957	0.239583	0.041313497
10	rs11007559	0.167266	0.20405	0.041313497
13	rs9543150	0.193548	0.232788	0.041313497
2	rs17762597	0.240143	0.202864	0.041336496
8	rs10503617	0.170251	0.208106	0.041336496
13	rs9535866	0.419065	0.464942	0.041336496
19	rs10419036	0.102151	0.0771195	0.041336496
21	rs243725	0.202509	0.167292	0.041336496
2	rs2056735	0.299283	0.343047	0.041359508
2	rs7419288	0.166667	0.134766	0.041359508
3	rs1390304	0.366906	0.322427	0.041359508
3	rs17545865	0.206093	0.246162	0.041359508
4	rs3811790	0.11828	0.15121	0.041359508
4	rs2118922	0.444444	0.490113	0.041359508
11	rs7112850	0.336331	0.38109	0.041359508

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
14	rs2038532	0.129032	0.100204	0.041359508
16	rs393161	0.198925	0.164337	0.041359508
2	rs11895936	0.476703	0.43047	0.041382534
2	rs4674663	0.0503597	0.074276	0.041382534
3	rs3804850	0.195341	0.234753	0.041382534
3	rs4684800	0.311151	0.355877	0.041382534
4	rs10020948	0.215054	0.254691	0.041382534
6	rs3117016	0.348921	0.393929	0.041382534
12	rs699603	0.151079	0.187436	0.041382534
13	rs7335790	0.0467626	0.0705281	0.041382534
3	rs6443195	0.183453	0.222678	0.041405573
3	rs334538	0.209386	0.174046	0.041405573
3	rs1913290	0.465827	0.420109	0.041405573
12	rs11109470	0.169065	0.206514	0.041405573
16	rs6499221	0.330935	0.288075	0.041405573
20	rs2076395	0.437276	0.483475	0.041405573
5	rs4921163	0.250896	0.212701	0.041428626
5	rs10516073	0.299283	0.344123	0.041428626
8	rs596775	0.175627	0.14293	0.041428626
12	rs11057787	0.136201	0.106814	0.041428626
3	rs12489571	0.354317	0.310733	0.041451693
3	rs13086740	0.122302	0.155707	0.041451693
4	rs4643872	0.362007	0.318306	0.041451693
7	rs4947934	0.539427	0.493522	0.041451693
9	rs993951	0.448029	0.402655	0.041451693
9	rs12379583	0.200717	0.165815	0.041451693
9	rs473261	0.422939	0.469506	0.041451693
15	rs8039781	0.27957	0.2397	0.041451693
20	rs6076466	0.230216	0.271565	0.041451693
20	rs1099620	0.133574	0.104778	0.041451693
1	rs1251079	0.351254	0.396628	0.041474772
2	rs11885110	0.358423	0.403951	0.041474772
13	rs2258682	0.134409	0.105514	0.041474772
13	rs2258520	0.134409	0.105514	0.041474772
18	rs4021229	0.437276	0.483123	0.041474772
4	rs1963525	0.356115	0.401944	0.041497866
4	rs6845004	0.286738	0.246419	0.041497866
14	rs17118171	0.0716846	0.0993502	0.041497866
2	rs10195884	0.324373	0.36921	0.041520973
3	rs6769189	0.102151	0.13364	0.041520973
3	rs4894919	0.274194	0.31812	0.041520973
4	rs9995075	0.370504	0.326465	0.041520973
6	rs2496296	0.166667	0.203685	0.041520973
6	rs2744537	0.320789	0.279367	0.041520973
7	rs12536861	0.215054	0.256218	0.041520973
15	rs17646626	0.387097	0.43314	0.041520973
1	rs11265607	0.261649	0.304089	0.041544093
3	rs2046969	0.168459	0.206203	0.041544093
5	rs6888692	0.143369	0.178316	0.041544093
6	rs3918474	0.341727	0.299659	0.041544093
6	rs509868	0.218412	0.181911	0.041544093
15	rs11072153	0.485612	0.43912	0.041544093

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
15	rs7170819	0.132616	0.166951	0.041544093
2	rs7598263	0.33871	0.296662	0.041567227
2	rs17039367	0.0860215	0.11545	0.041567227
6	rs9402178	0.116487	0.149455	0.041567227
15	rs894290	0.18638	0.225213	0.041567227
1	rs17368402	0.09319	0.123255	0.041590374
3	rs1517056	0.267025	0.228094	0.041590374
6	rs270041	0.458633	0.412406	0.041590374
8	rs6473900	0.167266	0.135126	0.041590374
9	rs10965215	0.492832	0.446544	0.041590374
12	rs2370411	0.201439	0.241661	0.041590374
12	rs11048605	0.145161	0.180641	0.041590374
13	rs1885895	0.276978	0.236698	0.041590374
1	rs12081912	0.172043	0.139646	0.041613535
1	rs11208170	0.0863309	0.116224	0.041613535
1	rs2388923	0.219424	0.183259	0.041613535
2	rs1020410	0.334532	0.292305	0.041613535
9	rs16919341	0.218638	0.182561	0.041613535
12	rs7138546	0.285971	0.330324	0.041613535
13	rs9317629	0.431159	0.478024	0.041613535
14	rs7400788	0.489247	0.44276	0.041613535
1	rs10911232	0.366906	0.413147	0.04163671
2	rs12623703	0.179211	0.146167	0.04163671
4	rs13108247	0.155914	0.192164	0.04163671
8	rs6470892	0.429856	0.384196	0.04163671
13	rs9510842	0.18638	0.225477	0.04163671
15	rs4924305	0.44964	0.403748	0.04163671
19	rs7247301	0.179211	0.217643	0.04163671
6	rs1852986	0.535842	0.489782	0.041659898
8	rs2132070	0.308244	0.352439	0.041659898
10	rs2584867	0.419065	0.373765	0.041659898
14	rs10483420	0.344086	0.300987	0.041659898
15	rs2056506	0.124101	0.0965271	0.041659898
18	rs8092151	0.159498	0.128362	0.041659898
3	rs9820254	0.244604	0.285934	0.041683099
12	rs10771592	0.25448	0.215843	0.041683099
12	rs7299166	0.229391	0.270528	0.041683099
17	rs222762	0.340502	0.385598	0.041683099
2	rs7584343	0.170251	0.138283	0.041706315
2	rs1508120	0.396057	0.351499	0.041706315
2	rs4672670	0.310036	0.354465	0.041706315
5	rs13358120	0.170863	0.208703	0.041706315
5	rs10051540	0.16065	0.197306	0.041706315
7	rs2965604	0.295699	0.254437	0.041706315
8	rs10098173	0.159498	0.19652	0.041706315
12	rs1843371	0.163082	0.131525	0.041706315
15	rs2866104	0.361511	0.407635	0.041706315
21	rs2187020	0.24552	0.287223	0.041706315
21	rs2827660	0.451613	0.405718	0.041706315
21	rs7279655	0.134409	0.169281	0.041706315
1	rs269080	0.250896	0.293667	0.041729544
2	rs13395978	0.0949821	0.125638	0.041729544

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs2604825	0.338129	0.295501	0.041729544
5	rs37543	0.169065	0.136286	0.041729544
7	rs1035205	0.207581	0.247271	0.041729544
7	rs6466966	0.426523	0.381131	0.041729544
8	rs1499646	0.218638	0.182329	0.041729544
8	rs11991235	0.160072	0.197099	0.041729544
12	rs11611403	0.184116	0.150783	0.041729544
13	rs4943387	0.329749	0.287491	0.041729544
17	rs9896014	0.222222	0.26288	0.041729544
20	rs6048920	0.264388	0.225735	0.041729544
3	rs10212532	0.356631	0.403132	0.041752786
4	rs2130926	0.0985663	0.129813	0.041752786
6	rs16877440	0.105735	0.137572	0.041752786
8	rs10216531	0.433213	0.386805	0.041752786
8	rs6470837	0.221223	0.184453	0.041752786
9	rs17055001	0.270609	0.313458	0.041752786
12	rs10778037	0.433692	0.388454	0.041752786
14	rs10144464	0.228417	0.191928	0.041752786
22	rs5771222	0.44964	0.496253	0.041752786
5	rs6451231	0.284946	0.328678	0.041776042
4	rs12643016	0.204301	0.244297	0.041799312
6	rs16877434	0.143885	0.179727	0.041799312
6	rs9474014	0.0573477	0.0827363	0.041799312
6	rs7741003	0.383094	0.428474	0.041799312
7	rs2372029	0.156475	0.125171	0.041799312
7	rs1047129	0.440647	0.487053	0.041799312
11	rs7943538	0.258993	0.301227	0.041799312
16	rs8059315	0.219424	0.182902	0.041799312
17	rs8070008	0.277778	0.321173	0.041799312
20	rs1327905	0.0842294	0.113063	0.041799312
20	rs12480106	0.145161	0.180518	0.041799312
21	rs2155889	0.24552	0.287198	0.041799312
2	rs6436381	0.0358423	0.0566166	0.041822595
8	rs2132349	0.473118	0.427768	0.041822595
2	rs10207070	0.278777	0.321246	0.041845892
4	rs7377110	0.482079	0.43609	0.041845892
9	rs320949	0.15233	0.188203	0.041845892
3	rs1077729	0.385305	0.431393	0.041869202
10	rs7921982	0.347122	0.304089	0.041869202
12	rs7295027	0.363799	0.319891	0.041869202
18	rs2199937	0.100358	0.131892	0.041869202
18	rs9945649	0.293907	0.337538	0.041869202
3	rs13063593	0.0523466	0.0768443	0.041892526
5	rs801186	0.244604	0.206614	0.041892526
13	rs9590679	0.22043	0.183986	0.041892526
21	rs408465	0.385305	0.431446	0.041892526
7	rs7802554	0.241007	0.203476	0.041915864
11	rs7120486	0.215827	0.179816	0.041915864
11	rs10790914	0.286738	0.330211	0.041915864
17	rs17562516	0.336918	0.294518	0.041915864
20	rs910860	0.360215	0.317036	0.041915864
1	rs509749	0.379928	0.42609	0.041939216

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs10489964	0.18705	0.22529	0.041939216
4	SNP_A-2207041	0.301075	0.260225	0.041939216
7	rs3807325	0.272401	0.315781	0.041939216
1	rs9435825	0.27957	0.2397	0.041962581
2	rs2023545	0.388889	0.344687	0.041962581
2	rs6713173	0.5	0.453552	0.041962581
4	rs3796563	0.473022	0.426842	0.041962581
6	rs220768	0.270609	0.313629	0.041962581
9	rs2183938	0.24552	0.207525	0.041962581
13	rs4112704	0.299283	0.257916	0.041962581
1	rs4333869	0.28853	0.331574	0.041985959
1	rs1077580	0.446043	0.400852	0.041985959
4	rs1545330	0.369176	0.325546	0.041985959
7	rs1178102	0.213262	0.178059	0.041985959
7	rs10265578	0.292115	0.335954	0.042009352
22	rs4822697	0.25448	0.296524	0.042009352
3	rs11916806	0.0591398	0.0847284	0.042032758
3	rs342507	0.147482	0.183464	0.042032758
5	rs1393266	0.207885	0.247785	0.042032758
8	rs10504958	0.258065	0.219346	0.042032758
10	rs943875	0.294964	0.254511	0.042032758
11	rs11023055	0.336918	0.381512	0.042032758
13	rs2490960	0.134409	0.105586	0.042032758
13	rs2258680	0.134409	0.105586	0.042032758
17	rs277067	0.111511	0.143854	0.042032758
19	rs6510725	0.453405	0.408069	0.042032758
4	rs6817631	0.480287	0.434242	0.042056178
6	rs9463076	0.453405	0.499319	0.042056178
10	rs11000713	0.275986	0.236267	0.042056178
12	rs1056340	0.100358	0.131086	0.042056178
12	rs12425559	0.147482	0.116644	0.042056178
14	rs1749938	0.280576	0.239959	0.042056178
21	rs468345	0.306452	0.351057	0.042056178
1	rs3010367	0.238267	0.280313	0.042079612
1	rs7540329	0.422662	0.377687	0.042079612
9	rs3181200	0.471223	0.425554	0.042079612
12	SNP_A-2036588	0.320789	0.365509	0.042079612
15	rs885203	0.422662	0.377978	0.042079612
16	rs13330807	0.0734767	0.0524345	0.042079612
2	rs4670100	0.16065	0.128878	0.042103059
5	rs4432863	0.125448	0.0974114	0.042103059
11	rs7104025	0.49639	0.450068	0.042103059
14	rs2255461	0.282374	0.324923	0.042103059
20	rs4813669	0.306452	0.350614	0.042103059
21	rs2834787	0.121864	0.155078	0.042103059
1	rs10875248	0.290323	0.333504	0.04212652
2	SNP_A-2257073	0.186594	0.224855	0.04212652
3	rs3774692	0.249104	0.29134	0.04212652
10	rs12359649	0.246403	0.28791	0.04212652
15	rs6496620	0.224014	0.265007	0.04212652
2	rs6725764	0.24552	0.287078	0.042149995
2	rs13030799	0.404676	0.359673	0.042149995

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
3	rs952621	0.16129	0.197785	0.042149995
3	SNP_A-4271407	0.121864	0.0942721	0.042149995
5	rs1501718	0.392473	0.348568	0.042149995
5	rs6873702	0.112903	0.145392	0.042149995
7	SNP_A-1814062	0.155914	0.124744	0.042149995
7	rs1639480	0.261733	0.304266	0.042149995
10	rs6481297	0.439068	0.393697	0.042149995
18	rs7237852	0.365108	0.410422	0.042149995
1	rs11206186	0.399281	0.445863	0.042173484
11	rs4756135	0.292115	0.33549	0.042173484
11	rs11237155	0.241935	0.20453	0.042173484
15	rs7165721	0.399642	0.445486	0.042173484
18	rs2003159	0.129032	0.163658	0.042173484
20	rs12481129	0.30036	0.259789	0.042173484
20	rs17441250	0.154122	0.190379	0.042173484
2	rs11692203	0.139785	0.175546	0.042196986
6	rs9347543	0.192446	0.231333	0.042196986
2	rs11690497	0.374552	0.330832	0.042220502
3	rs4277695	0.265343	0.226312	0.042220502
3	rs940901	0.415771	0.370907	0.042220502
4	rs11096854	0.207885	0.172514	0.042220502
4	rs2068148	0.252688	0.294198	0.042220502
6	rs198527	0.482079	0.436116	0.042220502
11	rs7130716	0.0806452	0.10954	0.042220502
16	rs12925980	0.302158	0.346403	0.042220502
2	rs6751984	0.206093	0.245743	0.042244032
3	rs163966	0.136201	0.170811	0.042244032
6	rs7768443	0.535842	0.489949	0.042244032
9	rs7869989	0.487455	0.440846	0.042244032
11	rs1785899	0.286738	0.330038	0.042244032
13	rs12866705	0.18638	0.225367	0.042244032
18	rs1025807	0.0920578	0.12248	0.042244032
21	rs2827975	0.134409	0.16922	0.042244032
1	rs11578560	0.175627	0.142979	0.042267575
7	rs10949644	0.383094	0.429253	0.042267575
10	rs11257156	0.182796	0.221521	0.042267575
10	rs7096453	0.530466	0.484833	0.042267575
11	rs3903072	0.417563	0.463909	0.042267575
12	rs11045409	0.393885	0.349659	0.042267575
14	rs8012481	0.526882	0.48073	0.042267575
15	rs12900312	0.424731	0.379816	0.042267575
21	rs2835989	0.462094	0.416439	0.042267575
1	rs4363461	0.435484	0.389915	0.042291133
2	rs12997617	0.191756	0.158262	0.042291133
7	rs17169206	0.0881295	0.117878	0.042291133
11	rs4945441	0.137993	0.172631	0.042291133
16	rs11642823	0.0376344	0.058984	0.042291133
17	rs203076	0.204301	0.244467	0.042291133
21	rs2835072	0.132616	0.16678	0.042291133
2	rs16867399	0.0755396	0.0545331	0.042314704
7	rs6971090	0.11828	0.151175	0.042314704
9	rs6476731	0.116906	0.09015	0.042314704

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
9	rs7856021	0.501792	0.455722	0.042314704
11	rs10830991	0.253597	0.295369	0.042314704
12	rs11061010	0.125448	0.159346	0.042314704
13	rs9550886	0.52509	0.479223	0.042314704
17	rs1719220	0.232014	0.272913	0.042314704
21	rs2827659	0.451613	0.405856	0.042314704
22	rs6009006	0.372302	0.41735	0.042314704
4	rs10031769	0.320144	0.278213	0.042338289
4	rs12647316	0.078853	0.107155	0.042338289
7	rs1628880	0.227599	0.191076	0.042338289
11	rs17144544	0.214029	0.178596	0.042338289
13	rs2066647	0.209677	0.173824	0.042338289
16	rs7186888	0.44964	0.404063	0.042338289
7	rs11769147	0.215054	0.256044	0.042361888
10	rs7078370	0.268817	0.311861	0.042361888
13	rs9599966	0.170251	0.138066	0.042361888
13	rs7336581	0.453237	0.499489	0.042361888
1	rs2649627	0.131295	0.165928	0.042385501
7	rs1524339	0.274194	0.31682	0.042385501
14	SNP_A-4236654	0.0483871	0.0722809	0.042385501
18	rs4245266	0.284946	0.245145	0.042385501
21	rs9305170	0.134409	0.169278	0.042385501
1	rs10889448	0.182796	0.149813	0.042409127
2	rs6542877	0.0974729	0.128328	0.042409127
4	rs4698574	0.22043	0.184435	0.042409127
6	rs270377	0.388489	0.434923	0.042409127
15	rs610592	0.176259	0.143514	0.042409127
16	rs1510213	0.458633	0.412836	0.042409127
18	rs7236739	0.342294	0.299659	0.042409127
1	rs1475703	0.281362	0.241914	0.042432768
3	rs1494833	0.210145	0.174581	0.042432768
3	rs10510990	0.232014	0.195259	0.042432768
6	rs3916765	0.0913978	0.121806	0.042432768
6	rs9489195	0.178058	0.145024	0.042432768
9	rs7867897	0.250896	0.212411	0.042432768
9	rs7040219	0.37276	0.418256	0.042432768
13	rs9512986	0.172043	0.20998	0.042432768
17	rs7209493	0.178058	0.145293	0.042432768
1	rs1337070	0.120072	0.0928134	0.042456422
2	rs6436559	0.0949821	0.0713554	0.042456422
3	rs2236964	0.111111	0.143003	0.042456422
6	rs2621382	0.498201	0.451822	0.042456422
7	rs2117950	0.113718	0.0871935	0.042456422
21	rs1571715	0.306859	0.350922	0.042456422
2	rs650588	0.375899	0.42237	0.04248009
2	rs1011622	0.0860215	0.0630539	0.04248009
2	rs4674407	0.451613	0.497613	0.04248009
6	rs9385828	0.0448029	0.0682128	0.04248009
12	rs12307921	0.0863309	0.0635002	0.04248009
1	rs4950846	0.449821	0.496251	0.042503772
4	rs10023191	0.0985663	0.129655	0.042503772
5	rs2112561	0.236559	0.277759	0.042503772

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs2345143	0.0734767	0.0525239	0.042503772
7	rs38474	0.140288	0.175238	0.042503772
10	rs4748048	0.473022	0.427161	0.042503772
6	rs17278136	0.146953	0.182902	0.042527468
7	rs10229522	0.256272	0.21808	0.042527468
13	rs1287505	0.336918	0.381471	0.042527468
16	rs4783832	0.336918	0.294479	0.042527468
3	rs352291	0.189531	0.155908	0.042551177
8	rs7005216	0.434783	0.481216	0.042551177
11	rs4456262	0.415771	0.461683	0.042551177
17	rs17617010	0.0917266	0.121723	0.042551177
17	rs807072	0.430108	0.384026	0.042551177
19	rs901792	0.140288	0.175349	0.042551177
2	rs9679162	0.455197	0.410143	0.042574901
2	rs6756311	0.311828	0.356656	0.042574901
3	rs357155	0.304659	0.348893	0.042574901
5	rs13183976	0.383094	0.338726	0.042574901
6	rs1994619	0.225806	0.189332	0.042574901
10	rs10824022	0.274194	0.234763	0.042574901
15	rs12595609	0.421147	0.466872	0.042574901
17	rs7208837	0.172043	0.209898	0.042574901
1	rs4508052	0.331541	0.289393	0.042598639
1	rs474131	0.379928	0.425945	0.042598639
6	rs12204264	0.381295	0.337023	0.042598639
1	rs2235928	0.247312	0.209128	0.04262239
6	rs7743566	0.232975	0.274293	0.04262239
11	rs12279768	0.181004	0.147751	0.04262239
15	rs3743352	0.0896057	0.119461	0.04262239
16	rs17639894	0.228417	0.191518	0.04262239
4	rs11724663	0.28853	0.248211	0.042646155
6	rs12205836	0.24552	0.208277	0.042646155
8	rs2721290	0.190647	0.156559	0.042646155
18	rs7230697	0.243728	0.205822	0.042646155
1	rs1392141	0.399642	0.445656	0.042669935
1	rs4844692	0.410394	0.45687	0.042669935
4	rs2310157	0.193841	0.159734	0.042669935
11	rs7104485	0.120072	0.152707	0.042669935
11	rs613587	0.336918	0.29499	0.042669935
12	rs4759640	0.318996	0.277191	0.042669935
17	rs4968755	0.535842	0.489785	0.042669935
2	rs962052	0.216846	0.256982	0.042693728
10	rs1946842	0.366426	0.323208	0.042693728
11	rs12789353	0.413978	0.369417	0.042693728
16	rs4782263	0.0758123	0.104031	0.042693728
2	rs12466468	0.263441	0.305792	0.042717535
10	rs290489	0.189964	0.22862	0.042717535
21	rs2834969	0.166667	0.203748	0.042717535
1	rs7367951	0.354839	0.311883	0.042741356
2	rs7579290	0.418182	0.464383	0.042741356
6	rs10947539	0.200717	0.166099	0.042741356
11	rs12798618	0.519784	0.473433	0.042741356
20	rs852350	0.24	0.202417	0.042741356

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
20	rs12625413	0.302158	0.346141	0.042741356
1	rs1416234	0.290323	0.33322	0.042765191
2	rs1434206	0.334532	0.379959	0.042765191
3	rs17826300	0.0806452	0.058643	0.042765191
3	rs6792544	0.366906	0.32362	0.042765191
6	rs1321355	0.320789	0.279292	0.042765191
11	rs10898037	0.202509	0.242078	0.042765191
1	rs11206367	0.0591398	0.0844399	0.042789041
9	rs10993628	0.341727	0.29908	0.042789041
12	rs2484591	0.0358423	0.0565781	0.042789041
14	rs17120305	0.184588	0.222771	0.042789041
16	rs12448255	0.281362	0.241914	0.042789041
17	rs149245	0.340502	0.385349	0.042789041
20	rs4564856	0.492832	0.446848	0.042789041
22	rs2241049	0.395683	0.350988	0.042789041
9	rs10809248	0.483813	0.437819	0.042812904
16	rs2173454	0.33871	0.296082	0.042812904
5	rs17404956	0.0663082	0.0930788	0.042836781
6	rs4947157	0.284946	0.328455	0.042836781
11	rs4451754	0.354839	0.311861	0.042836781
13	rs9551449	0.0698925	0.0967907	0.042836781
18	rs7229483	0.365591	0.321927	0.042836781
20	rs11906180	0.369176	0.325843	0.042836781
4	rs10008032	0.433692	0.479067	0.042860672
7	rs7799518	0.426259	0.38105	0.042860672
2	rs13009608	0.378136	0.334697	0.042884577
3	rs6778030	0.517921	0.47191	0.042884577
4	rs7682400	0.245487	0.207325	0.042884577
5	rs34115	0.34767	0.305073	0.042884577
5	rs2220780	0.354839	0.399455	0.042884577
7	rs6971997	0.22482	0.187798	0.042884577
10	rs10904886	0.189964	0.156229	0.042884577
11	rs11030104	0.172043	0.209584	0.042884577
11	rs10769595	0.23913	0.280908	0.042884577
11	rs11225307	0.270609	0.231084	0.042884577
4	rs7684418	0.121864	0.0945392	0.042908496
5	rs10941267	0.285971	0.329584	0.042908496
6	rs2268702	0.344086	0.302112	0.042908496
7	rs11761669	0.426523	0.381391	0.042908496
9	rs10820475	0.157706	0.126492	0.042908496
11	rs17489472	0.046595	0.069506	0.042908496
12	rs17513656	0.0322581	0.0527484	0.042908496
15	rs6422905	0.453405	0.499149	0.042908496
20	rs7265126	0.4319	0.38658	0.042908496
6	rs16900674	0.0989209	0.0744717	0.042932429
12	rs12809711	0.099278	0.130405	0.042932429
13	rs2134261	0.280576	0.323148	0.042932429
22	rs1016742	0.304659	0.263875	0.042932429
6	rs4959530	0.399642	0.355317	0.042956376
8	rs10092114	0.333333	0.37824	0.042956376
8	rs4560755	0.244604	0.286006	0.042956376
13	rs17061643	0.0913978	0.0681896	0.042956376

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
19	rs6512130	0.53405	0.487232	0.042956376
21	rs9305794	0.360215	0.40593	0.042956376
8	rs4739598	0.116487	0.149762	0.042980338
12	rs7309630	0.145683	0.181029	0.042980338
18	rs7243439	0.19964	0.239353	0.042980338
18	rs677101	0.310036	0.268746	0.042980338
3	rs940902	0.415771	0.371039	0.043004313
7	rs2965606	0.296763	0.25554	0.043004313
12	rs11170222	0.205776	0.245563	0.043004313
18	rs7234186	0.396057	0.442118	0.043004313
19	SNP_A-1819962	0.16129	0.130153	0.043004313
19	rs7250408	0.376344	0.421555	0.043004313
3	rs980607	0.508961	0.462995	0.043028302
4	rs1608687	0.0519713	0.076358	0.043028302
6	rs4342445	0.206093	0.245148	0.043028302
8	rs268343	0.118705	0.0918228	0.043028302
12	rs1471941	0.0812274	0.10986	0.043028302
15	rs1995335	0.214029	0.254174	0.043028302
3	rs2280384	0.44964	0.404187	0.043052306
4	rs17407555	0.204301	0.244293	0.043052306
4	rs2609200	0.231183	0.272232	0.043052306
4	rs4565050	0.329749	0.37483	0.043052306
5	rs1509461	0.489247	0.442818	0.043052306
7	rs17792713	0.166667	0.135015	0.043052306
13	rs8002020	0.09319	0.0695297	0.043052306
15	rs11073668	0.378136	0.424113	0.043052306
18	rs12965342	0.379928	0.425749	0.043052306
22	rs5749949	0.248201	0.210221	0.043052306
3	rs1132202	0.15233	0.121885	0.043076323
5	rs2956564	0.469314	0.423051	0.043076323
8	rs17799174	0.149281	0.119324	0.043076323
11	rs12223055	0.379496	0.33601	0.043076323
1	rs6690464	0.216846	0.180532	0.043100355
3	rs2938399	0.27518	0.318012	0.043100355
5	rs6452185	0.0824373	0.11166	0.043100355
11	rs1075749	0.489247	0.443612	0.043100355
11	rs11025708	0.120072	0.152641	0.043100355
13	rs2503308	0.206093	0.171039	0.043100355
15	rs4776572	0.0860215	0.115162	0.043100355
16	rs2540726	0.120072	0.0929279	0.043100355
1	rs6661547	0.148746	0.1183	0.0431244
2	rs16840623	0.286738	0.330324	0.0431244
3	rs7340748	0.120504	0.0932925	0.0431244
6	rs2076257	0.330935	0.375341	0.0431244
7	rs3802095	0.386691	0.432663	0.0431244
14	rs8020218	0.222222	0.262692	0.0431244
21	rs2837107	0.295699	0.338501	0.0431244
1	rs7534557	0.123656	0.157411	0.04314846
8	rs1396974	0.224014	0.187266	0.04314846
12	rs3741629	0.369176	0.414792	0.04314846
14	rs8021151	0.401434	0.447566	0.04314846
4	rs906600	0.09319	0.12287	0.043172534

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs13116847	0.102888	0.133685	0.043172534
6	rs9372634	0.216606	0.180219	0.043172534
12	rs10841297	0.392473	0.349285	0.043172534
16	rs12919331	0.390681	0.346744	0.043172534
16	rs1877354	0.421147	0.467099	0.043172534
18	rs7243641	0.284946	0.245232	0.043172534
5	rs6580024	0.354839	0.399352	0.043196622
8	rs4129418	0.541219	0.494721	0.043196622
20	rs16982556	0.09319	0.0698467	0.043196622
6	rs2757608	0.0878136	0.0649063	0.043220724
8	rs881771	0.32554	0.371034	0.043220724
8	rs800911	0.197842	0.23747	0.043220724
8	rs6577996	0.464158	0.418712	0.043220724
10	rs17821926	0.129032	0.162581	0.043220724
11	rs10791000	0.213262	0.177293	0.043220724
12	rs4586243	0.420863	0.375681	0.043220724
14	rs4904711	0.182796	0.149592	0.043220724
17	rs1123024	0.252688	0.214456	0.043220724
2	rs1435571	0.168459	0.20501	0.043244841
5	rs835088	0.11828	0.151107	0.043244841
6	rs7760006	0.11828	0.0916837	0.043244841
11	rs8189140	0.0467626	0.0697001	0.043244841
15	rs12595731	0.123656	0.157231	0.043244841
1	rs7552077	0.379928	0.42604	0.043268971
3	rs9843244	0.272401	0.315269	0.043268971
10	rs2394213	0.0448029	0.067586	0.043268971
1	rs11166473	0.0555556	0.0802658	0.043293116
2	rs6743597	0.402878	0.358044	0.043293116
5	rs2972357	0.367384	0.32373	0.043293116
5	rs6453099	0.342294	0.386348	0.043293116
5	rs187568	0.278777	0.321063	0.043293116
6	rs6900426	0.0806452	0.108822	0.043293116
11	rs11030541	0.225632	0.266201	0.043293116
13	rs7322063	0.309353	0.353542	0.043293116
21	rs16986002	0.078853	0.057031	0.043293116
4	rs582581	0.0842294	0.0621372	0.043317275
5	rs7720983	0.329749	0.287151	0.043317275
6	rs4133342	0.329749	0.375	0.043317275
9	rs10817638	0.379928	0.335775	0.043317275
11	rs17352054	0.270609	0.23111	0.043317275
16	rs11639836	0.0985663	0.128922	0.043317275
18	rs2043687	0.105735	0.137045	0.043317275
2	rs17279796	0.116487	0.089748	0.043341448
9	rs10901207	0.342294	0.387223	0.043341448
11	rs10830716	0.107527	0.0821124	0.043341448
13	rs4771207	0.172043	0.209738	0.043341448
2	rs4676348	0.363799	0.409509	0.043365635
7	rs7804568	0.0503597	0.0742068	0.043365635
8	rs2461343	0.0519713	0.0756904	0.043365635
8	rs4513159	0.267025	0.310327	0.043365635
10	rs7899480	0.21147	0.250852	0.043365635
13	rs7997435	0.329749	0.287781	0.043365635

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
18	rs17340624	0.149281	0.11908	0.043365635
20	rs6054271	0.449821	0.496252	0.043365635
20	rs6026242	0.369176	0.325954	0.043365635
3	rs1559977	0.0860215	0.0635029	0.043389836
4	rs2261167	0.139785	0.110429	0.043389836
7	rs6970307	0.295699	0.254598	0.043389836
10	rs4078278	0.155235	0.124061	0.043389836
11	rs591804	0.27957	0.323148	0.043389836
13	rs12100414	0.163669	0.200136	0.043389836
13	rs9300777	0.327338	0.371804	0.043389836
15	rs12438909	0.385305	0.431105	0.043389836
17	rs4790084	0.333333	0.378024	0.043389836
17	rs16968296	0.157706	0.127087	0.043389836
2	rs13013887	0.333333	0.37777	0.043414052
6	rs17573347	0.0734767	0.052883	0.043414052
10	rs10826588	0.143369	0.114047	0.043414052
13	rs9547045	0.232014	0.273038	0.043414052
18	rs4800465	0.442446	0.488392	0.043414052
21	rs1006601	0.320144	0.364413	0.043414052
1	rs6695903	0.306452	0.264997	0.043438282
4	rs6848027	0.344086	0.301568	0.043438282
6	rs12216336	0.356631	0.313522	0.043438282
7	rs10256129	0.267986	0.22862	0.043438282
12	rs201412	0.107527	0.0821684	0.043438282
17	rs2429424	0.536101	0.490123	0.043438282
2	rs17511445	0.37276	0.418142	0.043462526
5	rs7732493	0.238267	0.200853	0.043462526
8	rs612788	0.17446	0.142078	0.043462526
12	rs12581840	0.383513	0.428766	0.043462526
14	rs17105278	0.24552	0.287154	0.043462526
1	rs12127341	0.387097	0.432221	0.043486784
6	rs3127168	0.42446	0.379275	0.043486784
13	rs2763419	0.501799	0.456033	0.043486784
14	rs12588703	0.361011	0.318012	0.043486784
14	rs2180427	0.458781	0.413288	0.043486784
15	rs12437836	0.483813	0.437351	0.043486784
15	rs4076146	0.291367	0.251278	0.043486784
20	rs401976	0.535971	0.488927	0.043486784
2	rs2290376	0.0878136	0.0648842	0.043511057
3	rs9866193	0.278986	0.239441	0.043511057
4	rs17045555	0.0698925	0.0965271	0.043511057
6	rs9443493	0.327957	0.28681	0.043511057
6	rs7764264	0.177419	0.144486	0.043511057
7	rs13233763	0.123656	0.157016	0.043511057
8	rs9297599	0.40681	0.452917	0.043511057
10	rs10824017	0.273381	0.234162	0.043511057
3	rs6784841	0.130824	0.10235	0.043535343
4	rs2130928	0.0985663	0.129346	0.043535343
4	rs10022638	0.344086	0.301533	0.043535343
4	rs13132455	0.258065	0.219645	0.043535343
7	rs7778020	0.116487	0.0895472	0.043535343
15	rs10220731	0.123656	0.0963896	0.043535343

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs2105181	0.289568	0.332368	0.043559644
2	rs10180663	0.347122	0.304066	0.043559644
5	rs4423955	0.367384	0.32374	0.043559644
5	rs2902101	0.405018	0.450817	0.043559644
6	rs10485126	0.0770609	0.105012	0.043559644
10	rs353186	0.233813	0.196934	0.043559644
12	rs12307636	0.115108	0.0887978	0.043559644
2	rs10931753	0.271583	0.314417	0.04358396
2	rs17266406	0.0905797	0.0673735	0.04358396
3	rs6793796	0.415468	0.370743	0.04358396
10	rs3011759	0.326715	0.284838	0.04358396
10	rs7899233	0.494624	0.447736	0.04358396
14	rs2359983	0.203237	0.243096	0.04358396
20	rs2328331	0.431408	0.386085	0.04358396
13	rs17503174	0.134892	0.106365	0.043608289
4	rs11097847	0.398917	0.354784	0.043632633
10	rs7893494	0.44086	0.395642	0.043632633
13	rs12428926	0.393502	0.349727	0.043632633
16	rs4548875	0.122744	0.156464	0.043632633
2	rs10196699	0.237319	0.278518	0.043656991
8	rs4840487	0.406475	0.451999	0.043656991
9	rs10965212	0.49639	0.450103	0.043656991
10	rs7092621	0.31362	0.272898	0.043656991
12	rs4387413	0.23741	0.200545	0.043656991
14	rs2014418	0.0770609	0.105559	0.043656991
1	rs12563349	0.255396	0.21731	0.043681364
8	rs9283946	0.426523	0.472885	0.043681364
14	rs8004607	0.0770609	0.105147	0.043681364
18	rs7506314	0.12724	0.160422	0.043681364
19	rs3826818	0.121864	0.0946776	0.043681364
1	rs10494390	0.224014	0.188351	0.043705751
5	rs7731706	0.517921	0.471721	0.043705751
7	rs799959	0.234767	0.275204	0.043705751
7	rs7802958	0.422939	0.378323	0.043705751
11	rs217062	0.28777	0.247613	0.043705751
13	rs1330518	0.43705	0.391993	0.043705751
1	rs1770887	0.208633	0.248807	0.043730152
1	rs573277	0.0519713	0.0762018	0.043730152
3	rs10511387	0.141577	0.112095	0.043730152
4	rs10010423	0.111111	0.143052	0.043730152
7	rs4947477	0.532258	0.486896	0.043730152
8	rs17420284	0.172043	0.209057	0.043730152
9	rs320939	0.15233	0.187905	0.043730152
13	rs9507460	0.179211	0.21611	0.043730152
20	rs17123973	0.0752688	0.103177	0.043730152
20	rs4494823	0.240942	0.281676	0.043730152
3	rs9827120	0.247312	0.209881	0.043754567
4	rs721330	0.270609	0.313351	0.043754567
9	rs1412096	0.27518	0.317888	0.043754567
1	rs17131516	0.0985663	0.0740362	0.043778997
4	rs11131822	0.20471	0.244543	0.043778997
7	rs10255638	0.426523	0.381521	0.043778997

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs12546368	0.163082	0.199591	0.043778997
10	rs12411829	0.133094	0.167405	0.043778997
12	rs10851005	0.232975	0.196386	0.043778997
14	rs4906395	0.424731	0.380109	0.043778997
15	rs4923776	0.123656	0.0964103	0.043778997
16	rs4889032	0.282374	0.242682	0.043778997
4	SNP_A-4247401	0.206093	0.245145	0.043803441
5	rs307197	0.410394	0.36602	0.043803441
9	rs7019926	0.160072	0.196489	0.043803441
21	rs229116	0.437276	0.483657	0.043803441
1	rs7533521	0.492832	0.446794	0.0438279
3	rs2126071	0.415771	0.371171	0.0438279
5	rs200090	0.202509	0.168256	0.0438279
2	rs10206020	0.168459	0.206093	0.043852372
3	rs16852039	0.11828	0.151004	0.043852372
11	rs11030102	0.295699	0.254685	0.043852372
14	rs11621118	0.327957	0.372315	0.043852372
21	rs765311	0.356631	0.402631	0.043852372
1	rs1911980	0.338129	0.383044	0.04387686
1	rs2799511	0.116487	0.148907	0.04387686
5	rs2248877	0.467626	0.422408	0.04387686
8	rs1838424	0.451613	0.498127	0.04387686
13	rs1924381	0.0913978	0.120825	0.04387686
2	rs2192459	0.510753	0.464395	0.043901361
3	rs352275	0.188172	0.154632	0.043901361
7	rs11760818	0.52509	0.478876	0.043901361
8	rs7017739	0.0971223	0.128022	0.043901361
8	rs4737996	0.234767	0.275656	0.043901361
8	rs1909024	0.150538	0.186221	0.043901361
16	rs274074	0.132616	0.166383	0.043901361
1	rs6425866	0.0394265	0.0611793	0.043925877
2	rs6718624	0.0645161	0.0905995	0.043925877
3	rs7647840	0.352518	0.31028	0.043925877
5	rs17219934	0.222222	0.185967	0.043925877
8	rs17353229	0.0863309	0.0637389	0.043925877
11	rs7104601	0.0985663	0.12951	0.043925877
11	rs6590734	0.105735	0.137215	0.043925877
12	rs2639101	0.143369	0.178255	0.043925877
13	rs7993502	0.277778	0.320171	0.043925877
15	rs11855082	0.141577	0.176431	0.043925877
15	rs16975142	0.101083	0.0765167	0.043925877
2	rs12469850	0.219424	0.183572	0.043950408
4	rs4956324	0.21147	0.250936	0.043950408
4	rs295237	0.302158	0.345498	0.043950408
6	rs234932	0.272401	0.233299	0.043950408
6	rs2397146	0.240072	0.281505	0.043950408
17	rs12325830	0.383513	0.429107	0.043950408
19	rs12609653	0.130824	0.164906	0.043950408
20	rs6111267	0.444444	0.490634	0.043950408
3	rs12494257	0.154122	0.123806	0.043974953
11	rs1979579	0.498188	0.452129	0.043974953
11	rs11237934	0.159498	0.128489	0.043974953

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs11254592	0.210432	0.249659	0.043999512
12	rs7977673	0.259857	0.302112	0.043999512
16	rs1424064	0.431408	0.386426	0.043999512
17	rs10459963	0.118705	0.151278	0.043999512
6	rs2326359	0.444444	0.49047	0.044024086
8	rs16936814	0.0698925	0.0496937	0.044024086
8	rs1357037	0.0431655	0.0655067	0.044024086
10	rs7089353	0.134892	0.168597	0.044024086
11	rs7935077	0.369176	0.414593	0.044024086
13	rs2025245	0.125448	0.158773	0.044024086
2	rs6755563	0.197133	0.162858	0.044048674
2	rs4973124	0.241935	0.283572	0.044048674
3	rs907080	0.33574	0.37998	0.044048674
4	rs1376416	0.437276	0.483481	0.044048674
4	rs6816578	0.103943	0.0790191	0.044048674
5	rs7735696	0.354839	0.399183	0.044048674
6	rs991884	0.410394	0.456588	0.044048674
6	rs4479964	0.38172	0.337995	0.044048674
8	rs7461939	0.397849	0.353663	0.044048674
12	rs1260868	0.227599	0.191757	0.044048674
18	rs1377168	0.200361	0.239871	0.044048674
21	rs7276900	0.317204	0.27598	0.044048674
2	rs335136	0.114695	0.147139	0.044073277
6	rs9276448	0.0985663	0.0744536	0.044073277
6	rs4707969	0.526882	0.48119	0.044073277
21	rs2830457	0.289568	0.250085	0.044073277
4	rs17675093	0.270609	0.313288	0.044097894
1	rs7538474	0.483813	0.439099	0.044122525
1	rs3003888	0.27957	0.322597	0.044122525
7	rs6959643	0.363799	0.40923	0.044122525
9	rs10975080	0.251799	0.293274	0.044122525
10	rs11011694	0.342294	0.386085	0.044122525
12	rs1866072	0.362007	0.319544	0.044122525
20	rs6136490	0.4319	0.386844	0.044122525
1	rs6429769	0.306452	0.265146	0.044147171
4	rs4307037	0.301075	0.345169	0.044147171
4	rs12498537	0.0665468	0.0932607	0.044147171
8	rs17089187	0.122302	0.095498	0.044147171
15	rs7162847	0.141577	0.17631	0.044147171
20	rs6136062	0.0645161	0.0902896	0.044147171
3	rs2268845	0.353047	0.397921	0.044171832
6	rs13207114	0.37276	0.418256	0.044171832
9	rs12708304	0.38172	0.427818	0.044171832
11	rs7482531	0.182796	0.220633	0.044171832
12	rs3741630	0.369176	0.414539	0.044171832
13	rs7994467	0.170251	0.207238	0.044171832
14	rs12432533	0.408602	0.364179	0.044171832
16	rs12917927	0.175627	0.213386	0.044171832
17	rs11651994	0.281362	0.241743	0.044171832
2	rs1097479	0.0809353	0.10971	0.044196507
3	rs155268	0.232852	0.196282	0.044196507
3	rs12493681	0.22482	0.265497	0.044196507

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs11100358	0.301075	0.260662	0.044196507
17	rs6501825	0.16129	0.130279	0.044196507
3	rs4678135	0.229391	0.270755	0.044221196
5	rs26923	0.0591398	0.083959	0.044221196
8	rs16936812	0.0698925	0.0497106	0.044221196
11	rs2512782	0.172043	0.208759	0.044221196
11	rs7342241	0.202509	0.241738	0.044221196
12	rs11105196	0.259857	0.221105	0.044221196
12	rs10859064	0.530576	0.484168	0.044221196
17	rs9898437	0.430108	0.384458	0.044221196
2	rs6432366	0.439068	0.393903	0.0442459
2	rs12613431	0.270609	0.231071	0.0442459
4	rs1960734	0.368705	0.413646	0.0442459
5	rs10473857	0.252688	0.214773	0.0442459
5	rs436495	0.18231	0.220859	0.0442459
6	rs629648	0.390681	0.43654	0.0442459
1	rs2421790	0.426259	0.380879	0.044270619
2	rs16984087	0.121864	0.0946222	0.044270619
8	rs1473482	0.104317	0.0792434	0.044270619
11	rs17827627	0.120072	0.153295	0.044270619
14	rs11620623	0.235612	0.276221	0.044270619
1	rs6670259	0.304659	0.263714	0.044295352
4	rs17478453	0.284173	0.244463	0.044295352
4	rs17040439	0.198925	0.164624	0.044295352
16	rs9924288	0.103943	0.0787589	0.044295352
18	rs9944842	0.349462	0.39428	0.044295352
1	rs12146022	0.123656	0.157177	0.0443201
2	rs6721228	0.32554	0.370307	0.0443201
4	rs1846874	0.385305	0.341567	0.0443201
6	rs2317964	0.170251	0.207737	0.0443201
6	rs9376026	0.378136	0.423628	0.0443201
8	rs17755291	0.154122	0.123891	0.0443201
9	rs4310257	0.345878	0.304125	0.0443201
12	rs7137096	0.276364	0.236708	0.0443201
14	rs12586945	0.413978	0.459796	0.0443201
5	rs13154957	0.392473	0.438501	0.044344862
10	rs17150540	0.0322581	0.052506	0.044344862
1	rs3748550	0.139785	0.174728	0.044369639
2	rs12472523	0.403226	0.358822	0.044369639
2	rs4671693	0.22043	0.184686	0.044369639
2	rs3771515	0.0842294	0.112931	0.044369639
2	rs6434219	0.271583	0.314334	0.044369639
6	rs4506044	0.0899281	0.11955	0.044369639
9	rs4745454	0.177419	0.144683	0.044369639
10	rs11191393	0.112903	0.145073	0.044369639
11	rs12289486	0.137993	0.109066	0.044369639
14	rs12890287	0.112903	0.0864828	0.044369639
15	rs2046389	0.146209	0.116672	0.044369639
3	rs2873617	0.0501792	0.0740109	0.04439443
6	rs2306290	0.397849	0.354273	0.04439443
12	rs6487487	0.428315	0.383685	0.04439443
1	rs10911810	0.52509	0.479557	0.044419236

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs7752872	0.430108	0.38514	0.044419236
7	rs6466968	0.426523	0.381682	0.044419236
10	rs7921263	0.467742	0.422972	0.044419236
10	rs1925636	0.451439	0.49778	0.044419236
12	rs904401	0.111511	0.0858311	0.044419236
15	rs3816104	0.386282	0.432004	0.044419236
22	rs5761869	0.103943	0.0789653	0.044419236
2	rs12612472	0.0806452	0.0587432	0.044444057
2	rs13415095	0.464029	0.418771	0.044444057
3	rs1500425	0.366906	0.411955	0.044444057
5	rs7168	0.220217	0.260498	0.044444057
6	rs4395718	0.163082	0.199625	0.044444057
6	rs11760007	0.401434	0.357581	0.044444057
18	rs876141	0.09319	0.123425	0.044444057
1	rs11581697	0.173835	0.21161	0.044468892
1	rs1287809	0.232852	0.195941	0.044468892
4	rs2736463	0.390681	0.34753	0.044468892
6	rs9355742	0.206093	0.244888	0.044468892
7	rs2107806	0.311828	0.355877	0.044468892
7	rs6462079	0.301075	0.26047	0.044468892
7	rs847572	0.120072	0.0934516	0.044468892
10	rs1911320	0.0448029	0.0674387	0.044468892
10	rs1436802	0.175627	0.143465	0.044468892
14	rs758240	0.327957	0.372188	0.044468892
2	rs10184199	0.514337	0.468303	0.044493741
3	rs17039550	0.0681004	0.094346	0.044493741
3	rs6808673	0.489247	0.443441	0.044493741
3	rs833637	0.206093	0.245575	0.044493741
5	rs212995	0.462366	0.416922	0.044493741
15	rs2970359	0.222222	0.26227	0.044493741
2	rs10174079	0.369176	0.325383	0.044518606
6	rs2211142	0.269784	0.230402	0.044518606
13	rs6561296	0.182796	0.220463	0.044518606
18	rs10460085	0.375899	0.332255	0.044518606
1	rs3754515	0.492832	0.446965	0.044543485
3	rs2953036	0.402878	0.448264	0.044543485
9	rs11144870	0.227599	0.267656	0.044543485
10	rs6482959	0.130824	0.164734	0.044543485
11	rs671134	0.0448029	0.0677562	0.044543485
16	rs4785146	0.456989	0.412035	0.044543485
1	rs7533588	0.392086	0.437159	0.044568378
3	rs5027900	0.336918	0.294881	0.044568378
6	rs9366344	0.433692	0.389002	0.044568378
6	rs9380406	0.44964	0.404462	0.044568378
8	rs17117843	0.374552	0.331457	0.044568378
8	rs4735359	0.179211	0.146117	0.044568378
10	rs4750655	0.148746	0.11895	0.044568378
12	rs11049416	0.335125	0.294007	0.044568378
15	rs2445766	0.214029	0.178596	0.044568378
20	rs6105279	0.142086	0.176711	0.044568378
4	rs17024456	0.141577	0.176902	0.044593287
4	SNP_A-1955690	0.155914	0.12517	0.044593287

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs6882373	0.0412186	0.0633299	0.044593287
9	rs1832746	0.15233	0.121935	0.044593287
9	rs7853196	0.298561	0.257576	0.044593287
17	rs17226179	0.523297	0.47718	0.044593287
1	rs7531944	0.21147	0.250681	0.044618209
4	rs2391121	0.428315	0.383237	0.044618209
5	rs4389663	0.154122	0.189567	0.044618209
6	rs1543731	0.256272	0.297749	0.044618209
6	rs2579989	0.073741	0.101464	0.044618209
11	rs2034325	0.253597	0.215746	0.044618209
15	rs940971	0.141577	0.17631	0.044618209
16	rs6565143	0.292115	0.33515	0.044618209
6	rs9356708	0.275986	0.318539	0.044643147
9	rs16932354	0.118705	0.0913429	0.044643147
9	rs7861466	0.326165	0.284277	0.044643147
10	rs1911318	0.0448029	0.0674157	0.044643147
10	rs10884544	0.388087	0.344687	0.044643147
11	rs919907	0.453405	0.498979	0.044643147
14	rs8009841	0.311828	0.355635	0.044643147
15	rs4924678	0.27518	0.235695	0.044643147
15	rs7174515	0.202509	0.241655	0.044643147
2	rs1597908	0.0845324	0.113365	0.044668099
2	rs4954095	0.505396	0.459625	0.044668099
4	rs4498120	0.0863309	0.115463	0.044668099
6	rs7772252	0.0451264	0.0682669	0.044668099
10	rs7099222	0.360215	0.317485	0.044668099
12	rs11615045	0.324373	0.368143	0.044668099
2	rs309294	0.394265	0.439394	0.044693066
4	rs2736467	0.390681	0.347582	0.044693066
5	rs17691584	0.136691	0.171341	0.044693066
8	rs1003316	0.259857	0.301704	0.044693066
15	rs1693507	0.142086	0.176892	0.044693066
1	rs4951588	0.442652	0.397174	0.044718048
2	rs10164874	0.532258	0.48586	0.044718048
3	rs703170	0.323741	0.367486	0.044718048
4	rs9990512	0.0591398	0.0841854	0.044718048
5	rs10040826	0.238351	0.201327	0.044718048
5	rs1301064	0.455197	0.501022	0.044718048
6	rs9391430	0.265233	0.226219	0.044718048
6	rs13199882	0.0448029	0.0672126	0.044718048
8	rs2460229	0.0341727	0.0550068	0.044718048
16	rs158481	0.265233	0.307391	0.044718048
16	rs12922654	0.451439	0.406644	0.044718048
1	rs1407122	0.442652	0.488598	0.044743044
5	rs10514242	0.267986	0.229458	0.044743044
7	rs3112353	0.460573	0.415702	0.044743044
10	rs17688707	0.111111	0.0851245	0.044743044
12	rs671401	0.115108	0.147832	0.044743044
2	rs6708638	0.129496	0.101669	0.044768055
20	rs968323	0.393885	0.350051	0.044768055
7	rs10225559	0.202509	0.241826	0.044793081
8	rs10098878	0.464158	0.419223	0.044793081

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
9	rs1443363	0.37276	0.417745	0.044793081
1	rs4908526	0.343525	0.387772	0.044818122
1	rs16823549	0.078853	0.107399	0.044818122
1	rs10889252	0.426523	0.472563	0.044818122
2	rs4853583	0.372302	0.417433	0.044818122
4	rs17233629	0.293907	0.254006	0.044818122
5	rs465997	0.163669	0.199626	0.044818122
12	rs729784	0.21223	0.176962	0.044818122
13	rs10887	0.24552	0.286517	0.044818122
2	rs11694445	0.304659	0.263884	0.044843177
2	rs2315523	0.232975	0.273501	0.044843177
8	rs12676995	0.351986	0.30971	0.044843177
8	rs11784698	0.276173	0.23677	0.044843177
8	rs2294088	0.311151	0.270386	0.044843177
9	rs7040903	0.430108	0.475136	0.044843177
12	rs11058591	0.275986	0.318863	0.044843177
17	rs16943126	0.032491	0.0528109	0.044843177
5	rs1580847	0.36413	0.32088	0.044868247
5	rs3828668	0.177419	0.145024	0.044868247
13	rs9514645	0.419355	0.4647	0.044868247
20	rs512870	0.487455	0.442138	0.044868247
4	rs6815622	0.215054	0.179666	0.044893332
7	rs2162563	0.212996	0.252553	0.044893332
10	rs6481515	0.166667	0.203609	0.044893332
21	rs2834429	0.271583	0.313756	0.044893332
11	rs10501215	0.268817	0.229983	0.044918431
15	rs940972	0.141577	0.17626	0.044918431
16	rs17637903	0.0967742	0.127301	0.044918431
4	rs13106265	0.252688	0.214942	0.044943545
5	rs2731858	0.23741	0.200341	0.044943545
6	rs12199692	0.356115	0.313288	0.044943545
7	rs4731867	0.181655	0.219612	0.044943545
16	rs4781324	0.388889	0.434175	0.044943545
4	rs9312534	0.480287	0.434879	0.044968674
6	rs12196205	0.118705	0.150869	0.044968674
8	rs17076021	0.0521583	0.0756231	0.044968674
9	rs3750454	0.333333	0.291993	0.044968674
10	rs10823753	0.347122	0.305111	0.044968674
11	rs2445296	0.34296	0.301057	0.044968674
13	rs17383459	0.188172	0.226296	0.044968674
16	rs17796442	0.446043	0.491823	0.044968674
17	rs636000	0.3213	0.280068	0.044968674
21	rs2838325	0.482079	0.436159	0.044968674
3	rs17678713	0.163082	0.131561	0.044993818
3	rs6782479	0.397482	0.353092	0.044993818
4	rs13137613	0.312274	0.355779	0.044993818
8	rs9329247	0.188172	0.154685	0.044993818
10	rs11002792	0.365591	0.322998	0.044993818
10	rs7899611	0.21147	0.250511	0.044993818
11	rs11025718	0.120072	0.152248	0.044993818
11	rs3847524	0.541219	0.495571	0.044993818
17	rs1979276	0.359712	0.317281	0.044993818

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
21	rs1452094	0.347122	0.391763	0.044993818
5	rs16885512	0.0539568	0.0780396	0.045018977
5	rs17084852	0.113309	0.144804	0.045018977
5	rs4921308	0.412186	0.457425	0.045018977
7	rs4719433	0.501792	0.456574	0.045018977
7	rs4606009	0.0394265	0.0606267	0.045018977
7	rs13242757	0.379928	0.336745	0.045018977
2	rs1364054	0.363799	0.320723	0.04504415
2	rs7599132	0.168459	0.204801	0.04504415
3	rs9859928	0.324373	0.368601	0.04504415
6	rs1265248	0.0913978	0.121124	0.04504415
6	rs9400365	0.333333	0.290943	0.04504415
8	rs11996503	0.0448029	0.067563	0.04504415
18	rs6506901	0.482014	0.435945	0.04504415
20	rs6133716	0.107527	0.08197	0.04504415
20	rs4815222	0.265233	0.227149	0.04504415
5	rs17083155	0.111111	0.0855779	0.045069339
8	rs1015028	0.378136	0.423169	0.045069339
10	rs12356817	0.143369	0.178255	0.045069339
10	rs4751472	0.133574	0.167917	0.045069339
12	rs697209	0.191756	0.230167	0.045069339
16	rs11649147	0.203237	0.242507	0.045069339
19	rs402744	0.117329	0.0905834	0.045069339
1	rs9436287	0.419355	0.464652	0.045094542
2	rs13385748	0.208633	0.173647	0.045094542
9	rs6560571	0.438628	0.484838	0.045094542
11	rs4923623	0.369176	0.41431	0.045094542
12	rs10860441	0.142086	0.176671	0.045094542
1	rs16827008	0.173835	0.141738	0.04511976
4	rs16891234	0.184588	0.222809	0.04511976
4	rs6834659	0.323105	0.366929	0.04511976
11	rs11038404	0.0881295	0.0649284	0.04511976
12	rs10783197	0.195341	0.233742	0.04511976
16	rs2287998	0.473022	0.426892	0.04511976
2	rs995407	0.19964	0.238509	0.045144993
2	rs4664103	0.148746	0.11878	0.045144993
2	rs6717111	0.224014	0.263955	0.045144993
3	rs6799404	0.140794	0.111584	0.045144993
4	SNP_A-4210654	0.301075	0.260818	0.045144993
4	rs11736556	0.146953	0.181988	0.045144993
7	rs705326	0.437276	0.482806	0.045144993
11	rs4923622	0.370968	0.416042	0.045144993
13	rs4603426	0.301075	0.261151	0.045144993
16	rs12935313	0.354839	0.311819	0.045144993
1	rs3754507	0.302867	0.262343	0.04517024
8	rs13251380	0.245487	0.286567	0.04517024
9	rs4548236	0.260791	0.222582	0.04517024
12	rs10841296	0.392473	0.349591	0.04517024
1	rs18582	0.336918	0.38045	0.045195503
5	rs255739	0.426523	0.472042	0.045195503
6	rs568675	0.394265	0.440075	0.045195503
14	rs11622600	0.111511	0.0854074	0.045195503

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
14	rs4904488	0.415468	0.461105	0.045195503
19	rs11669127	0.151079	0.186649	0.045195503
1	rs6663410	0.394265	0.349607	0.04522078
2	rs2048178	0.378136	0.334811	0.04522078
2	rs16825347	0.240143	0.281644	0.04522078
3	rs7644167	0.0483871	0.0716724	0.04522078
3	rs4678136	0.229391	0.270344	0.04522078
3	rs2139566	0.261649	0.222563	0.04522078
4	rs372903	0.329137	0.28686	0.04522078
5	rs13360743	0.0824373	0.111149	0.04522078
6	rs1847912	0.21223	0.251704	0.04522078
8	rs6601724	0.437276	0.482964	0.04522078
17	rs8080323	0.103636	0.0786689	0.04522078
1	rs7413464	0.417563	0.37304	0.045246073
1	rs3753433	0.360215	0.316928	0.045246073
1	rs17509621	0.0913978	0.120954	0.045246073
2	rs1992881	0.417563	0.463481	0.045246073
2	rs3769439	0.510753	0.465077	0.045246073
3	rs1589525	0.456835	0.502048	0.045246073
6	rs10948378	0.268817	0.229642	0.045246073
14	rs17669975	0.141577	0.11204	0.045246073
2	rs6734894	0.192446	0.159284	0.04527138
13	rs17203407	0.0845324	0.112991	0.04527138
13	rs376476	0.331541	0.290317	0.04527138
2	rs4233753	0.496416	0.450409	0.045296702
3	rs3851993	0.0722022	0.0988372	0.045296702
7	rs1931694	0.406475	0.452113	0.045296702
7	rs12698330	0.317204	0.275715	0.045296702
14	rs7153434	0.196043	0.161428	0.045296702
1	rs6588215	0.474638	0.428912	0.045322039
7	rs2965603	0.296763	0.255965	0.045322039
8	rs1368635	0.107527	0.0821404	0.045322039
10	rs1977486	0.121864	0.154462	0.045322039
15	rs11633375	0.215827	0.18075	0.045322039
18	rs8089600	0.331541	0.375255	0.045322039
1	rs4927017	0.188172	0.225834	0.045347391
1	rs4579776	0.301075	0.261321	0.045347391
2	rs13027103	0.0734767	0.101022	0.045347391
2	rs7565366	0.0681004	0.0947189	0.045347391
4	rs11725706	0.15233	0.187713	0.045347391
4	rs1026362	0.405018	0.360239	0.045347391
5	rs27004	0.317204	0.276208	0.045347391
8	rs2056669	0.375451	0.420676	0.045347391
9	rs7853550	0.428315	0.383606	0.045347391
10	rs10857520	0.415771	0.460988	0.045347391
10	rs11244511	0.0917266	0.0686308	0.045347391
11	rs11024273	0.342294	0.299966	0.045347391
16	rs17807642	0.190647	0.157123	0.045347391
1	rs402379	0.449821	0.494706	0.045372758
3	rs11706920	0.107914	0.0827375	0.045372758
4	rs3729592	0.215054	0.254859	0.045372758
5	rs565928	0.182796	0.220974	0.045372758

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
6	rs1458438	0.181004	0.218334	0.045372758
8	rs6991605	0.338129	0.296252	0.045372758
9	rs1123960	0.25448	0.296082	0.045372758
10	rs7917670	0.168459	0.205111	0.045372758
15	rs8034122	0.415771	0.371253	0.045372758
18	rs1786811	0.0394265	0.060663	0.045372758
1	rs9426458	0.046595	0.0694586	0.04539814
3	rs1872397	0.166065	0.13472	0.04539814
5	rs16901224	0.198925	0.164794	0.04539814
6	rs756009	0.0593525	0.0846101	0.04539814
13	rs640190	0.413978	0.370276	0.04539814
14	rs17279319	0.170251	0.138037	0.04539814
14	rs8010286	0.376344	0.332879	0.04539814
15	rs4965723	0.078853	0.106814	0.04539814
16	rs7194451	0.291367	0.334866	0.04539814
21	rs2205084	0.356631	0.402078	0.04539814
6	rs7765852	0.369176	0.413828	0.045423537
7	rs441261	0.114695	0.146798	0.045423537
8	rs2409808	0.188172	0.15475	0.045423537
12	rs17478799	0.231183	0.271146	0.045423537
2	rs4241273	0.440217	0.487048	0.045448949
2	rs13024221	0.157706	0.127127	0.045448949
5	rs6868282	0.137993	0.10937	0.045448949
7	rs12539788	0.305755	0.265257	0.045448949
8	rs1968908	0.425993	0.472194	0.045448949
10	rs12768040	0.129032	0.101193	0.045448949
12	rs10860832	0.143369	0.177926	0.045448949
16	rs11075517	0.419355	0.374616	0.045448949
16	rs4519342	0.321942	0.366099	0.045448949
18	rs11152345	0.310036	0.353272	0.045448949
1	rs10916679	0.295699	0.255552	0.045474376
1	rs4652742	0.188172	0.225817	0.045474376
2	rs11891128	0.164875	0.2015	0.045474376
2	rs1517843	0.358423	0.402526	0.045474376
3	rs2363714	0.0791367	0.0576005	0.045474376
4	rs6847416	0.322581	0.366996	0.045474376
8	rs12545742	0.424731	0.379898	0.045474376
9	rs1571447	0.37276	0.417603	0.045474376
10	rs10458719	0.410394	0.455722	0.045474376
14	rs2922647	0.170251	0.138548	0.045474376
15	SNP_A-2280818	0.142086	0.176721	0.045474376
1	rs10737911	0.379928	0.425554	0.045499817
1	rs11807829	0.363799	0.321063	0.045499817
10	rs4751500	0.132616	0.166326	0.045499817
11	rs1389551	0.105735	0.136704	0.045499817
11	rs9326287	0.293907	0.253492	0.045499817
12	rs11050322	0.295699	0.338325	0.045499817
21	rs2155890	0.24552	0.286396	0.045499817
22	rs9609889	0.200717	0.238679	0.045499817
2	rs7589080	0.206093	0.245138	0.045525274
2	rs2372258	0.266187	0.30802	0.045525274
3	rs9873100	0.0967742	0.126664	0.045525274

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs13171939	0.38172	0.338045	0.045525274
6	rs4470837	0.333333	0.377342	0.045525274
9	rs3793499	0.102151	0.132879	0.045525274
12	rs3924594	0.351254	0.395606	0.045525274
15	rs2660826	0.0967742	0.126662	0.045525274
17	rs4985682	0.440647	0.486685	0.045525274
5	rs1220627	0.189964	0.228372	0.045550746
6	rs16878358	0.0716846	0.0985003	0.045550746
6	rs7759479	0.066787	0.0470508	0.045550746
9	rs7867072	0.420863	0.376831	0.045550746
13	rs2031838	0.0824373	0.111054	0.045550746
20	rs2425460	0.159498	0.195571	0.045550746
1	rs10489805	0.285971	0.246762	0.045576233
2	rs11897106	0.353047	0.397751	0.045576233
3	rs4447759	0.0629496	0.0882855	0.045576233
3	rs4475058	0.0501792	0.0738598	0.045576233
3	rs9817813	0.379928	0.425724	0.045576233
6	rs12194016	0.519713	0.474455	0.045576233
6	rs3812108	0.213262	0.252897	0.045576233
11	rs1544872	0.0985663	0.129257	0.045576233
12	rs7960825	0.356115	0.401293	0.045576233
15	rs4777893	0.374101	0.331003	0.045576233
15	rs8041038	0.125448	0.0979188	0.045601735
15	rs9788691	0.141577	0.17615	0.045601735
21	rs2830874	0.34767	0.392164	0.045601735
1	rs2640912	0.290323	0.332652	0.045627251
3	rs12631529	0.456679	0.501872	0.045627251
8	rs2970636	0.370968	0.415843	0.045627251
8	rs6421018	0.469314	0.424165	0.045627251
10	rs2055552	0.344086	0.388321	0.045627251
11	rs3741203	0.329749	0.288344	0.045627251
13	rs4942198	0.302867	0.345826	0.045627251
2	rs6758689	0.0663082	0.0924728	0.045652783
3	rs2221188	0.489247	0.442969	0.045652783
8	rs17718917	0.0701439	0.097099	0.045652783
20	rs4814229	0.52509	0.479522	0.045652783
7	rs9648374	0.272401	0.314588	0.04567833
21	rs2835014	0.126354	0.159571	0.04567833
2	rs11687536	0.352518	0.397239	0.045703892
2	rs9789587	0.0770609	0.0560095	0.045703892
3	rs1877960	0.258065	0.299864	0.045703892
3	rs17235667	0.242806	0.205862	0.045703892
3	rs9857292	0.115108	0.147801	0.045703892
3	rs7427726	0.344086	0.30225	0.045703892
5	rs10940624	0.12724	0.160136	0.045703892
5	rs10037398	0.44964	0.495228	0.045703892
6	rs16884919	0.0698925	0.0963896	0.045703892
7	rs215720	0.114695	0.146808	0.045703892
10	rs1394108	0.240143	0.280962	0.045703892
14	rs1483973	0.530466	0.48552	0.045703892
3	rs1368265	0.474729	0.430153	0.045729469
5	rs6601036	0.145161	0.116093	0.045729469

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
7	rs2160321	0.241007	0.203786	0.045729469
7	rs17167496	0.111111	0.0853242	0.045729469
8	rs2737227	0.430108	0.385534	0.045729469
12	rs6582284	0.351254	0.395571	0.045729469
14	rs242400	0.141577	0.112474	0.045729469
17	rs8076504	0.47482	0.42952	0.045729469
20	rs259981	0.31362	0.35724	0.045729469
4	rs718137	0.182796	0.149932	0.045755061
5	rs10805519	0.437276	0.482976	0.045755061
10	rs7076959	0.236559	0.277417	0.045755061
18	rs1179809	0.442652	0.488067	0.045755061
20	rs6054641	0.390288	0.346521	0.045755061
1	rs309088	0.362007	0.31925	0.045780669
1	rs1416236	0.290323	0.332595	0.045780669
4	rs3821935	0.310036	0.269257	0.045780669
7	rs7778238	0.541219	0.49523	0.045780669
8	rs10110909	0.192446	0.158424	0.045780669
12	rs10400419	0.482079	0.436264	0.045780669
4	rs10938774	0.0824373	0.110865	0.045806291
6	rs2026446	0.485507	0.440225	0.045806291
9	rs10124893	0.344086	0.30208	0.045806291
13	rs17065161	0.202509	0.168086	0.045806291
4	rs1160068	0.353047	0.310603	0.045831929
5	rs10043680	0.100719	0.13122	0.045831929
5	rs919222	0.120072	0.152537	0.045831929
10	rs7902917	0.26259	0.224608	0.045831929
16	rs4417546	0.205776	0.245058	0.045831929
1	rs4846867	0.107527	0.138207	0.045857581
3	rs9850375	0.356115	0.401056	0.045857581
9	rs10511919	0.27957	0.240892	0.045857581
12	rs759564	0.281362	0.242078	0.045857581
12	rs11066737	0.214029	0.178876	0.045857581
2	rs973364	0.322581	0.36678	0.045883249
6	rs4947156	0.289568	0.332707	0.045883249
12	rs6539183	0.147482	0.182719	0.045883249
19	rs7249283	0.188172	0.155525	0.045883249
20	rs6070329	0.354317	0.31218	0.045883249
22	rs885971	0.231183	0.19506	0.045883249
1	rs3904943	0.404332	0.449949	0.045908932
2	rs563697	0.216846	0.256895	0.045908932
3	rs9829609	0.354839	0.312095	0.045908932
2	rs6714320	0.37276	0.418117	0.04593463
6	rs7767829	0.151079	0.186264	0.04593463
10	rs12764893	0.0770609	0.10406	0.04593463
10	rs10785916	0.501792	0.456559	0.04593463
12	rs10843529	0.253597	0.215673	0.04593463
20	rs4334548	0.272401	0.233401	0.04593463
8	rs1383294	0.426523	0.472421	0.045960343
10	rs1870183	0.0863309	0.115766	0.045960343
12	rs11111141	0.143369	0.177793	0.045960343
13	rs9546404	0.517921	0.471833	0.045960343
21	rs2825413	0.28853	0.331063	0.045960343

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs4449134	0.27957	0.322317	0.045986071
3	rs1530733	0.165468	0.134288	0.045986071
4	rs1011691	0.311151	0.27045	0.045986071
7	rs6958082	0.451613	0.497105	0.045986071
11	rs663016	0.342294	0.38624	0.045986071
1	rs860907	0.34767	0.39209	0.046011815
1	rs6657693	0.0913978	0.121212	0.046011815
9	rs11142564	0.227599	0.191613	0.046011815
11	rs7106742	0.046595	0.0689949	0.046011815
11	rs2458268	0.496416	0.451141	0.046011815
11	rs11222341	0.290323	0.250341	0.046011815
13	rs11148033	0.207885	0.173195	0.046011815
3	rs9840469	0.435484	0.391749	0.046037573
5	rs6859143	0.280576	0.322768	0.046037573
13	rs1163821	0.146953	0.18219	0.046037573
17	rs17662779	0.383513	0.340375	0.046037573
1	rs10449290	0.47491	0.429376	0.046063347
2	rs12693912	0.206093	0.245061	0.046063347
7	rs2734103	0.311828	0.271054	0.046063347
17	rs6505162	0.491007	0.444974	0.046063347
17	rs9898576	0.154122	0.189203	0.046063347
1	rs235495	0.124101	0.157411	0.046089136
2	rs17751180	0.413669	0.369714	0.046089136
3	rs212051	0.236462	0.277589	0.046089136
7	rs10954327	0.167266	0.135758	0.046089136
13	rs7326426	0.299283	0.342195	0.046089136
14	rs4904708	0.189964	0.156783	0.046089136
1	rs12092197	0.219203	0.1836	0.046114941
1	rs2785653	0.32554	0.284715	0.046114941
2	rs2591141	0.249104	0.21161	0.046114941
5	rs2560495	0.365591	0.40971	0.046114941
6	rs2588022	0.11828	0.150188	0.046114941
8	rs7839315	0.480287	0.435456	0.046114941
9	rs11141762	0.342294	0.387146	0.046114941
15	rs12440178	0.25448	0.21728	0.046114941
18	rs11082453	0.11828	0.0916525	0.046114941
1	rs367985	0.505376	0.459257	0.04614076
4	rs1487013	0.225806	0.189544	0.04614076
8	rs13273325	0.302867	0.346678	0.04614076
8	rs10505031	0.100719	0.131175	0.04614076
11	rs297325	0.195341	0.233731	0.04614076
19	rs2617815	0.24552	0.207978	0.04614076
1	rs380149	0.365108	0.40937	0.046166595
1	rs2008602	0.266187	0.308964	0.046166595
2	rs6740249	0.453069	0.498807	0.046166595
5	rs36987	0.370968	0.415843	0.046166595
6	rs1224704	0.413669	0.458817	0.046166595
6	rs4896632	0.119134	0.151567	0.046166595
13	rs494000	0.21147	0.176651	0.046166595
15	rs11632332	0.407942	0.363093	0.046166595
15	rs10518689	0.141577	0.17598	0.046166595
16	rs11074593	0.181004	0.218984	0.046166595

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs13134922	0.263441	0.225647	0.046192445
4	rs6838523	0.310036	0.269244	0.046192445
5	rs3777142	0.0519713	0.0752725	0.046192445
12	rs1631596	0.109319	0.0841281	0.046192445
12	rs2081748	0.0340502	0.053833	0.046192445
17	rs2270133	0.521505	0.476336	0.046192445
18	rs1868710	0.286738	0.247017	0.046192445
1	rs7551939	0.218638	0.183288	0.04621831
2	rs1147116	0.233813	0.197373	0.04621831
2	rs6719531	0.105735	0.0809475	0.04621831
3	rs2236975	0.102151	0.132604	0.04621831
6	rs1550199	0.340502	0.385048	0.04621831
6	rs1324536	0.358423	0.316302	0.04621831
7	rs17158794	0.311828	0.355416	0.04621831
8	rs4733171	0.541219	0.495744	0.04621831
9	rs2840771	0.0860215	0.114227	0.04621831
10	rs4497305	0.31362	0.273485	0.04621831
13	rs1638703	0.215054	0.254778	0.04621831
16	rs1510156	0.213262	0.178206	0.04621831
17	rs2716887	0.421147	0.466951	0.04621831
3	rs4688621	0.37276	0.329526	0.046244191
5	rs11954764	0.435484	0.390689	0.046244191
6	rs1884051	0.295699	0.3381	0.046244191
6	rs1021563	0.109319	0.140497	0.046244191
7	rs42511	0.410394	0.366576	0.046244191
8	rs3115775	0.0860215	0.0635651	0.046244191
10	rs6481814	0.336918	0.38105	0.046244191
12	rs10877849	0.300725	0.344198	0.046244191
12	rs4762519	0.173835	0.210589	0.046244191
16	rs11075205	0.390681	0.347322	0.046244191
17	rs6501468	0.195341	0.233061	0.046244191
1	rs1884487	0.293165	0.335831	0.046270086
2	rs2024513	0.428058	0.473765	0.046270086
2	rs3828162	0.0974729	0.127645	0.046270086
3	rs4687314	0.413978	0.369935	0.046270086
9	rs12380216	0.250896	0.213725	0.046270086
13	rs4773041	0.421147	0.466587	0.046270086
15	rs16942105	0.0860215	0.0639277	0.046270086
17	rs9906443	0.177419	0.145266	0.046270086
3	rs2324475	0.32554	0.369068	0.046295998
4	rs2712681	0.417563	0.462521	0.046295998
4	rs1072776	0.34657	0.391253	0.046295998
9	rs7043593	0.264388	0.226405	0.046295998
10	rs4620624	0.302158	0.262423	0.046295998
10	rs10996914	0.173835	0.210078	0.046295998
10	rs12245528	0.19964	0.165814	0.046295998
20	rs3026627	0.18638	0.153728	0.046295998
1	rs1325199	0.430108	0.475485	0.046321924
5	rs11742889	0.0698925	0.0498808	0.046321924
6	rs1331478	0.28853	0.248808	0.046321924
7	rs7791862	0.25448	0.21711	0.046321924
7	rs6950238	0.252688	0.215112	0.046321924

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
7	rs1600739	0.425725	0.38109	0.046321924
13	rs9601052	0.523381	0.477505	0.046321924
18	rs921347	0.286738	0.247021	0.046321924
19	rs1834984	0.121864	0.0948569	0.046321924
2	rs6752294	0.267148	0.228124	0.046347866
3	rs11705838	0.485663	0.439673	0.046347866
3	rs17811727	0.207885	0.247105	0.046347866
7	rs1208854	0.308244	0.26779	0.046347866
7	rs7790256	0.147482	0.182283	0.046347866
8	rs2970722	0.370968	0.415673	0.046347866
11	rs11234911	0.100358	0.0758974	0.046347866
22	rs16981743	0.046595	0.0692833	0.046347866
3	rs1568859	0.198925	0.236698	0.046373823
4	rs6536541	0.297491	0.257503	0.046373823
5	rs1422601	0.248201	0.28986	0.046373823
6	rs6917202	0.317204	0.360184	0.046373823
6	rs989195	0.272401	0.233959	0.046373823
10	rs7085596	0.419065	0.463543	0.046373823
11	rs12281364	0.25	0.212751	0.046373823
16	rs1862670	0.0878136	0.116144	0.046373823
2	rs2083056	0.333935	0.292234	0.046399795
5	rs894911	0.356631	0.313565	0.046399795
7	rs2190591	0.37276	0.417801	0.046399795
11	rs681200	0.16129	0.196526	0.046399795
16	rs1019254	0.0791367	0.0574693	0.046399795
1	rs1779823	0.379928	0.337364	0.046425783
2	rs10173063	0.221223	0.185412	0.046425783
2	rs12615195	0.258993	0.22118	0.046425783
3	rs2223084	0.184588	0.222374	0.046425783
3	rs2378242	0.0681004	0.0484642	0.046425783
7	rs2991238	0.397482	0.443252	0.046425783
12	rs11050523	0.253597	0.21582	0.046425783
20	rs2295180	0.0860215	0.114388	0.046425783
4	rs17050206	0.0431655	0.0654174	0.046451786
14	rs2238202	0.133094	0.166894	0.046451786
17	rs4924892	0.102151	0.133186	0.046451786
19	rs11671591	0.173835	0.210922	0.046451786
6	rs12191625	0.170251	0.206644	0.046477804
12	rs11054074	0.469314	0.424506	0.046477804
13	rs1570900	0.179211	0.216604	0.046477804
20	rs913825	0.397849	0.443042	0.046477804
1	rs12739747	0.168459	0.136921	0.046503838
5	rs875348	0.501792	0.456899	0.046503838
6	rs6569548	0.376344	0.333504	0.046503838
7	rs1912445	0.249104	0.211971	0.046503838
7	rs12705678	0.246403	0.209044	0.046503838
8	rs11780396	0.166667	0.202763	0.046503838
8	rs6986760	0.40681	0.452332	0.046503838
13	rs1885894	0.275986	0.236689	0.046503838
2	rs2043746	0.0376344	0.0585632	0.046529887
2	rs2113385	0.293907	0.336342	0.046529887
3	rs13068076	0.137993	0.17212	0.046529887

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs1536207	0.327957	0.371721	0.046529887
21	rs2830586	0.198925	0.164964	0.046529887
1	rs484335	0.394265	0.438564	0.046555951
4	rs1394279	0.115942	0.14811	0.046555951
7	rs2058389	0.0701439	0.0968676	0.046555951
8	rs17708659	0.046595	0.0690655	0.046555951
21	rs162377	0.356115	0.313458	0.046555951
1	rs10797754	0.358423	0.403105	0.046582031
2	rs16830418	0.0860215	0.0636487	0.046582031
6	rs1753251	0.103943	0.0788127	0.046582031
8	rs9298320	0.159498	0.195504	0.046582031
8	rs2289888	0.40681	0.452284	0.046582031
13	rs7321465	0.370968	0.415303	0.046582031
4	rs10004231	0.161871	0.130709	0.046608126
5	rs835087	0.11828	0.150495	0.046608126
7	rs4391312	0.116906	0.149132	0.046608126
9	rs10976690	0.448029	0.40407	0.046608126
10	rs2807753	0.227599	0.191914	0.046608126
11	rs1263055	0.514388	0.468495	0.046608126
20	rs5019244	0.532258	0.486694	0.046608126
4	SNP_A-1978087	0.0467626	0.0696763	0.046634237
6	rs4959711	0.175627	0.143076	0.046634237
7	rs6960104	0.100358	0.130065	0.046634237
8	rs4073503	0.224014	0.18846	0.046634237
8	rs11783663	0.47482	0.429642	0.046634237
9	rs10815985	0.15233	0.1224	0.046634237
11	rs7110868	0.139785	0.110675	0.046634237
20	rs6142868	0.290323	0.250596	0.046634237
21	rs2827992	0.295699	0.338446	0.046634237
1	rs10494309	0.125448	0.158146	0.046660363
2	rs7583759	0.334532	0.378365	0.046660363
2	rs1345947	0.206093	0.244891	0.046660363
4	rs212282	0.318345	0.278043	0.046660363
4	rs7661720	0.363799	0.321587	0.046660363
9	rs16914012	0.0395683	0.0605802	0.046660363
13	rs9509136	0.519713	0.473613	0.046660363
13	rs17077014	0.0752688	0.10266	0.046660363
16	rs9932192	0.102151	0.132663	0.046660363
16	rs2550694	0.143369	0.113969	0.046660363
20	rs2268924	0.359712	0.317485	0.046660363
2	rs953369	0.199275	0.238144	0.046686505
5	rs1501720	0.392473	0.349488	0.046686505
5	rs10050689	0.473118	0.427403	0.046686505
8	rs17079488	0.0539568	0.077827	0.046686505
13	rs7489480	0.201439	0.240545	0.046686505
16	SNP_A-2162733	0.399642	0.444653	0.046686505
5	rs245493	0.166667	0.135605	0.046712662
7	rs3778851	0.132616	0.10477	0.046712662
9	rs10738655	0.315412	0.275034	0.046712662
9	rs6559460	0.345878	0.389986	0.046712662
9	rs10989064	0.34767	0.305764	0.046712662
12	rs11174754	0.16129	0.13062	0.046712662

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs17530810	0.236559	0.199932	0.046712662
14	rs7149409	0.248188	0.210679	0.046712662
16	rs899310	0.286738	0.246764	0.046712662
19	rs3745469	0.0683453	0.0944331	0.046712662
21	rs2242888	0.498208	0.453168	0.046712662
5	rs10068386	0.0896057	0.0668148	0.046738834
7	rs17167808	0.369176	0.326176	0.046738834
8	rs1916188	0.296763	0.257436	0.046738834
8	rs7007302	0.40681	0.4523	0.046738834
10	rs7099978	0.175627	0.143782	0.046738834
12	rs1512979	0.0824373	0.110487	0.046738834
19	rs17501293	0.195341	0.161955	0.046738834
2	rs1432219	0.318841	0.363109	0.046765022
3	rs10510809	0.0863309	0.11545	0.046765022
6	rs2446484	0.402878	0.358629	0.046765022
8	rs352203	0.390681	0.435308	0.046765022
11	rs11225649	0.0842294	0.112189	0.046765022
12	rs10777156	0.27518	0.236149	0.046765022
16	rs16969049	0.09319	0.069942	0.046765022
17	rs2367252	0.333333	0.291993	0.046765022
20	rs6123870	0.268817	0.310392	0.046765022
5	rs200077	0.202509	0.16871	0.046791225
7	rs13225414	0.351254	0.309305	0.046791225
9	rs10815619	0.129032	0.162921	0.046791225
13	rs9594703	0.189964	0.156548	0.046791225
20	rs10460622	0.202509	0.168087	0.046791225
1	rs5085	0.209677	0.174728	0.046817444
2	rs4670302	0.133574	0.105451	0.046817444
3	rs17231503	0.283154	0.24463	0.046817444
5	rs6863288	0.231183	0.271302	0.046817444
5	rs2560606	0.424731	0.469877	0.046817444
6	rs9359845	0.471326	0.426596	0.046817444
11	rs10830715	0.106115	0.0811733	0.046817444
13	rs7324250	0.227599	0.267699	0.046817444
17	rs1607974	0.428058	0.382794	0.046817444
18	rs17817180	0.224014	0.188483	0.046817444
21	rs2837504	0.345878	0.390252	0.046817444
4	rs1914237	0.333333	0.377554	0.046843678
12	rs2650128	0.0913978	0.121419	0.046843678
12	rs996877	0.182796	0.220198	0.046843678
13	rs9509266	0.178182	0.21577	0.046843678
13	rs9595602	0.206093	0.171662	0.046843678
14	rs1189138	0.437276	0.392407	0.046843678
15	rs1693506	0.145161	0.179775	0.046843678
18	rs2846808	0.172662	0.140807	0.046843678
2	rs2564024	0.456835	0.411725	0.046869928
15	rs1947219	0.215054	0.179837	0.046869928
18	rs12960349	0.379496	0.336342	0.046869928
10	rs7920031	0.263441	0.2254	0.046896194
16	rs2346943	0.403226	0.448229	0.046896194
1	rs10753558	0.308244	0.351776	0.046922474
1	rs10789239	0.31362	0.273068	0.046922474

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs7516477	0.379928	0.336908	0.046922474
1	rs4278334	0.179211	0.215843	0.046922474
5	rs11739995	0.112903	0.0868529	0.046922474
10	rs368110	0.444444	0.489949	0.046922474
16	rs7203059	0.123656	0.0962193	0.046922474
22	rs5998541	0.304659	0.264566	0.046922474
12	rs10845473	0.241935	0.282016	0.046948771
16	rs11640872	0.207885	0.173306	0.046948771
4	rs11942645	0.478495	0.43356	0.046975083
6	rs6938902	0.194245	0.232131	0.046975083
13	rs9525895	0.159498	0.1954	0.046975083
15	rs17685163	0.413978	0.460068	0.046975083
16	rs1909338	0.338129	0.296252	0.046975083
8	rs11136516	0.421147	0.466417	0.04700141
8	rs13255114	0.413978	0.459686	0.04700141
12	rs11179746	0.318996	0.361793	0.04700141
13	rs9301639	0.129032	0.162296	0.04700141
13	rs9583610	0.359712	0.404128	0.04700141
15	rs6495052	0.397482	0.354685	0.04700141
21	rs3737408	0.17446	0.21085	0.04700141
10	rs1560804	0.419065	0.463386	0.047027753
12	rs17183465	0.21223	0.177282	0.047027753
16	rs7185153	0.435484	0.480409	0.047027753
21	rs2064052	0.166667	0.20297	0.047027753
3	rs4686212	0.255396	0.29605	0.047054112
10	rs902474	0.390288	0.435308	0.047054112
12	rs2192902	0.439068	0.395095	0.047054112
13	rs1571628	0.177419	0.145145	0.047054112
16	rs226055	0.290323	0.251022	0.047054112
16	rs8182199	0.0430108	0.0645876	0.047054112
1	rs2665496	0.107914	0.0828221	0.047080486
3	rs334543	0.353047	0.311009	0.047080486
4	rs10488943	0.102151	0.0778157	0.047080486
4	rs1911876	0.326165	0.369884	0.047080486
10	rs11252842	0.102518	0.078157	0.047080486
14	rs1868629	0.342294	0.385744	0.047080486
15	rs17487811	0.326165	0.369676	0.047080486
15	rs1869128	0.142086	0.176501	0.047080486
18	rs17656948	0.437276	0.392504	0.047080486
2	rs3890826	0.415468	0.45998	0.047106876
3	rs7624884	0.0860215	0.114913	0.047106876
4	SNP_A-2307245	0.333333	0.291624	0.047106876
5	rs262027	0.440433	0.486206	0.047106876
10	rs12764177	0.232975	0.196763	0.047106876
11	rs11218131	0.0716846	0.098397	0.047106876
18	rs11876033	0.324373	0.367928	0.047106876
1	rs4509569	0.310036	0.269349	0.047133281
2	rs3748895	0.397849	0.354223	0.047133281
3	rs6796248	0.184588	0.221825	0.047133281
6	rs1753505	0.256272	0.218686	0.047133281
7	rs10238376	0.137993	0.172173	0.047133281
8	rs17602393	0.424731	0.470358	0.047133281

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
11	rs573245	0.163082	0.132243	0.047133281
12	rs11060669	0.145161	0.179618	0.047133281
3	rs510348	0.192446	0.230153	0.047159702
8	rs7825931	0.541219	0.495911	0.047159702
8	rs4147346	0.392473	0.437628	0.047159702
9	rs554710	0.335125	0.293345	0.047159702
11	rs6484487	0.415771	0.459823	0.047159702
17	rs8080623	0.0431655	0.0648686	0.047159702
19	rs472835	0.24552	0.208149	0.047159702
20	rs4815603	0.353047	0.396628	0.047159702
1	rs4927240	0.401434	0.446508	0.047186139
1	rs4926338	0.331541	0.290191	0.047186139
1	rs11122415	0.0611511	0.0864534	0.047186139
2	rs12691594	0.285971	0.328056	0.047186139
5	rs200056	0.202509	0.168767	0.047186139
5	rs6888357	0.223022	0.262351	0.047186139
8	rs958374	0.451613	0.496934	0.047186139
12	rs804445	0.270609	0.312372	0.047186139
13	rs654927	0.413978	0.370616	0.047186139
15	rs7163502	0.301075	0.344751	0.047186139
21	rs1537118	0.134409	0.168089	0.047186139
4	rs6448507	0.18705	0.22523	0.047212591
4	rs1562095	0.215054	0.179959	0.047212591
4	rs1870567	0.409747	0.454731	0.047212591
7	SNP_A-4249222	0.120504	0.0937607	0.047212591
11	rs603446	0.498208	0.453338	0.047212591
12	rs12820694	0.326165	0.285009	0.047212591
2	rs13430962	0.0949821	0.124617	0.047239059
5	rs12374538	0.369176	0.326805	0.047239059
6	rs4959446	0.429856	0.385349	0.047239059
7	rs2665452	0.249104	0.212168	0.047239059
8	rs10108191	0.310036	0.353102	0.047239059
13	rs4427681	0.184116	0.221806	0.047239059
1	rs3917729	0.0967742	0.127087	0.047265542
1	rs1700853	0.193141	0.15985	0.047265542
3	rs1545997	0.243728	0.206814	0.047265542
3	rs7433760	0.332734	0.291723	0.047265542
4	rs7699230	0.336331	0.295385	0.047265542
13	rs338732	0.259857	0.301466	0.047265542
2	rs17368670	0.227599	0.191928	0.047292042
2	rs6740108	0.388087	0.43347	0.047292042
4	rs2256069	0.521505	0.476669	0.047292042
6	rs9345216	0.253597	0.294518	0.047292042
9	rs7035800	0.272401	0.314544	0.047292042
11	rs12290811	0.181004	0.148552	0.047292042
13	rs4772188	0.281362	0.322977	0.047292042
16	rs8053797	0.455197	0.410964	0.047292042
19	rs17304618	0.34767	0.305584	0.047292042
2	rs798418	0.11828	0.0916525	0.047318556
2	rs2696970	0.456989	0.501872	0.047318556
7	rs17170755	0.133094	0.105281	0.047318556
8	rs10096438	0.0842294	0.1127	0.047318556

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
10	rs1936860	0.130824	0.164281	0.047318556
13	rs1163829	0.360215	0.404469	0.047318556
14	rs214004	0.377698	0.422147	0.047318556
19	rs7249636	0.320789	0.279727	0.047318556
20	rs11698834	0.206835	0.172795	0.047318556
4	rs6818870	0.172043	0.208716	0.047345087
7	rs4732416	0.388889	0.345721	0.047345087
10	rs7900287	0.129496	0.162962	0.047345087
12	rs10747814	0.354839	0.398943	0.047345087
15	rs17271591	0.195341	0.233629	0.047345087
1	rs3026913	0.102518	0.133231	0.047371633
2	rs764766	0.0860215	0.11469	0.047371633
4	rs7680120	0.467742	0.422684	0.047371633
6	rs9364814	0.428058	0.384379	0.047371633
11	rs4442520	0.150538	0.120778	0.047371633
12	rs10506374	0.343525	0.387943	0.047371633
15	rs2460641	0.334532	0.293327	0.047371633
15	rs16964348	0.0752688	0.0547035	0.047371633
15	rs4278695	0.0881295	0.117076	0.047371633
3	rs17050220	0.170251	0.138889	0.047398195
6	rs1925453	0.530466	0.485019	0.047398195
7	rs1106683	0.166667	0.135417	0.047398195
12	rs10507063	0.115108	0.0889571	0.047398195
13	rs4907525	0.399642	0.356608	0.047398195
14	rs2119760	0.0935252	0.123127	0.047398195
16	rs2011228	0.507194	0.462206	0.047398195
1	rs1419090	0.116487	0.0901193	0.047424773
3	rs6797728	0.0573477	0.0821124	0.047424773
5	rs1860230	0.0701439	0.0965928	0.047424773
6	rs910552	0.270609	0.312479	0.047424773
9	rs10116271	0.539568	0.494037	0.047424773
17	rs9905095	0.228417	0.192138	0.047424773
18	rs2580133	0.243728	0.206574	0.047424773
2	rs10490210	0.173835	0.142371	0.047451366
2	rs7599774	0.267025	0.228294	0.047451366
4	rs10010766	0.321942	0.365679	0.047451366
22	rs2298432	0.417266	0.374063	0.047451366
1	rs17534243	0.280576	0.241485	0.047477975
1	rs10493412	0.121864	0.154292	0.047477975
2	rs10176647	0.0413669	0.0627344	0.047477975
2	rs10933165	0.38172	0.426746	0.047477975
2	rs1946949	0.290323	0.333163	0.047477975
4	rs7693338	0.320144	0.278649	0.047477975
4	rs1915776	0.155914	0.125511	0.047477975
4	rs11132476	0.508961	0.463664	0.047477975
6	rs6899518	0.376344	0.333731	0.047477975
9	rs324458	0.318996	0.362645	0.047477975
10	rs7087155	0.044964	0.0673142	0.047477975
10	rs7072753	0.421147	0.465358	0.047477975
11	rs663555	0.342294	0.385899	0.047477975
11	rs2676165	0.541219	0.496083	0.047477975
13	rs1335873	0.267986	0.229642	0.047477975

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
13	rs9576222	0.258065	0.219782	0.047477975
1	rs6664830	0.137993	0.109125	0.0475046
2	rs1869987	0.0358423	0.0561989	0.0475046
4	rs2060028	0.263538	0.225307	0.0475046
9	rs11142573	0.227599	0.191888	0.0475046
12	rs2141764	0.332734	0.377387	0.0475046
21	rs2834784	0.0467626	0.0693829	0.0475046
6	rs12524361	0.28853	0.249064	0.04753124
12	rs4768814	0.326165	0.284618	0.04753124
17	rs389774	0.184588	0.222071	0.04753124
2	rs995406	0.19964	0.238038	0.047557897
2	rs6736628	0.173835	0.141738	0.047557897
3	rs1863392	0.21147	0.176892	0.047557897
8	rs1460167	0.284946	0.245997	0.047557897
10	rs16934688	0.0412186	0.062649	0.047557897
13	rs9604214	0.322581	0.366905	0.047557897
15	rs921783	0.12724	0.160532	0.047557897
1	rs1767141	0.114695	0.0888662	0.047584569
3	rs939298	0.423913	0.379727	0.047584569
4	rs13116423	0.327957	0.37138	0.047584569
6	rs11153778	0.19964	0.165644	0.047584569
8	rs6982602	0.426523	0.47208	0.047584569
12	rs10735990	0.129032	0.101874	0.047584569
14	rs7155973	0.0483871	0.0711361	0.047584569
15	rs11070592	0.362007	0.406783	0.047584569
22	rs4820854	0.458781	0.414052	0.047584569
1	rs1036001	0.32554	0.36955	0.047611257
3	rs1602626	0.0501792	0.0731832	0.047611257
7	rs2080161	0.188172	0.226065	0.047611257
7	rs336286	0.169065	0.137666	0.047611257
8	rs10110892	0.401079	0.358117	0.047611257
9	rs3122938	0.320789	0.364441	0.047611257
12	rs10877173	0.057554	0.0819672	0.047611257
18	rs11663460	0.217626	0.256305	0.047611257
1	rs12071085	0.227599	0.267109	0.04763796
1	rs2841409	0.431655	0.476994	0.04763796
2	rs6715621	0.28853	0.249061	0.04763796
5	rs200050	0.202509	0.168827	0.04763796
5	rs2028258	0.0971223	0.126876	0.04763796
5	rs3815738	0.0519713	0.0751022	0.04763796
14	rs7158852	0.265233	0.30705	0.04763796
16	rs8059437	0.487455	0.441698	0.04763796
20	rs6026132	0.363799	0.321806	0.04763796
1	rs12074413	0.111511	0.143222	0.04766468
3	rs2049777	0.27957	0.321915	0.04766468
3	rs7644425	0.159498	0.194852	0.04766468
4	rs13103034	0.198925	0.165134	0.04766468
4	rs17620822	0.166667	0.203066	0.04766468
4	rs11132964	0.478495	0.433708	0.04766468
6	rs4710013	0.0681004	0.0939311	0.04766468
7	SNP_A-1916727	0.0663082	0.0919932	0.04766468
9	rs9299055	0.293907	0.336401	0.04766468

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
9	rs1322060	0.439068	0.395365	0.04766468
13	rs4885690	0.257194	0.219687	0.04766468
14	rs221899	0.363799	0.321076	0.04766468
20	rs2076689	0.0860215	0.11431	0.04766468
2	rs10495505	0.229391	0.269676	0.047691415
2	rs1518990	0.271739	0.313799	0.047691415
6	rs791058	0.0734767	0.0530174	0.047691415
7	rs1182151	0.324373	0.283839	0.047691415
7	rs10272371	0.123656	0.0966973	0.047691415
13	rs2994865	0.179211	0.215356	0.047691415
13	rs12871015	0.453405	0.498297	0.047691415
15	rs6496602	0.297491	0.339973	0.047691415
17	rs7216112	0.295699	0.338666	0.047691415
21	rs8132118	0.272401	0.313969	0.047691415
1	rs1936062	0.125448	0.0982964	0.047718166
1	rs2292276	0.339928	0.384078	0.047718166
3	rs6771954	0.232975	0.197104	0.047718166
5	rs2915436	0.200717	0.166667	0.047718166
5	rs17052039	0.222222	0.2621	0.047718166
7	rs12537587	0.144404	0.178937	0.047718166
11	rs2176921	0.150538	0.120825	0.047718166
17	rs225184	0.191756	0.229564	0.047718166
3	rs6786360	0.453405	0.408796	0.047744933
6	rs9451150	0.318996	0.278345	0.047744933
8	rs870686	0.0716846	0.0513652	0.047744933
10	rs10882974	0.263441	0.225537	0.047744933
11	rs12797672	0.528777	0.483948	0.047744933
12	rs3782788	0.357401	0.315556	0.047744933
12	rs10860130	0.453405	0.498808	0.047744933
13	rs4773442	0.516129	0.470879	0.047744933
17	rs7218932	0.19964	0.238323	0.047744933
18	rs1573316	0.110108	0.084925	0.047744933
2	rs7578514	0.491039	0.446075	0.047771716
3	rs2885872	0.078853	0.0575809	0.047771716
5	rs2174440	0.145683	0.180314	0.047771716
5	rs17780213	0.0863309	0.11507	0.047771716
6	rs2505674	0.458781	0.503063	0.047771716
8	rs11782735	0.107527	0.138407	0.047771716
9	rs10867977	0.435484	0.391253	0.047771716
10	rs7899892	0.164875	0.200239	0.047771716
10	rs7093784	0.057554	0.0820565	0.047771716
10	rs10999960	0.291367	0.333788	0.047771716
14	rs2286412	0.473022	0.428205	0.047771716
17	rs962885	0.360215	0.318166	0.047771716
20	rs6128441	0.420863	0.46577	0.047771716
3	rs9840980	0.532609	0.487179	0.047798515
5	rs10056426	0.0609319	0.0858069	0.047798515
8	rs11785277	0.107527	0.138359	0.047798515
9	rs10511627	0.295699	0.256222	0.047798515
10	rs11254434	0.18705	0.154254	0.047798515
3	rs7639102	0.0842294	0.11259	0.047825329
1	rs1980549	0.132616	0.165986	0.047852159

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs10172635	0.204301	0.170698	0.047852159
2	rs11686654	0.188172	0.22523	0.047852159
3	rs2046327	0.121864	0.0948569	0.047852159
4	rs1979903	0.0503597	0.0739605	0.047852159
7	rs7788251	0.281362	0.242342	0.047852159
9	rs16910774	0.0878136	0.116275	0.047852159
10	rs10763763	0.0591398	0.0841281	0.047852159
12	rs7305694	0.333333	0.29252	0.047852159
12	rs11049732	0.530466	0.485349	0.047852159
12	rs7980923	0.175627	0.144123	0.047852159
1	rs10889251	0.426523	0.471901	0.047879006
2	rs10210269	0.218638	0.183538	0.047879006
2	rs13026184	0.21147	0.250681	0.047879006
3	rs2268846	0.365591	0.410082	0.047879006
6	rs1409889	0.125448	0.158487	0.047879006
10	rs901683	0.0501792	0.0733992	0.047879006
13	rs7983344	0.453405	0.498298	0.047879006
15	rs1797230	0.365591	0.410361	0.047879006
20	rs6047359	0.322581	0.281868	0.047879006
21	rs2830416	0.202509	0.168256	0.047879006
1	rs2807323	0.307554	0.350716	0.047905868
4	rs6835151	0.115108	0.146708	0.047905868
6	rs9369470	0.28777	0.248297	0.047905868
6	rs1928467	0.390288	0.347189	0.047905868
13	rs7994174	0.0842294	0.112381	0.047905868
20	rs6072606	0.283154	0.244467	0.047905868
2	rs17008057	0.0663082	0.0920738	0.047932746
6	rs9378305	0.0698925	0.0499489	0.047932746
8	rs2609617	0.217391	0.181911	0.047932746
12	rs7960487	0.501799	0.45707	0.047932746
14	rs971591	0.0920578	0.121067	0.047932746
17	rs226235	0.419355	0.375383	0.047932746
18	rs2282635	0.322581	0.28206	0.047932746
20	rs4468878	0.469424	0.424429	0.047932746
22	rs8881	0.102518	0.132789	0.047932746
2	rs10183916	0.514388	0.469005	0.04795964
3	rs4679576	0.458484	0.413347	0.04795964
3	rs6809730	0.338129	0.382082	0.04795964
4	rs4541577	0.363309	0.320674	0.04795964
6	rs380883	0.498208	0.454019	0.04795964
13	rs1571627	0.062724	0.0879046	0.04795964
2	rs13002286	0.37276	0.417234	0.04798655
3	rs11716288	0.507168	0.462219	0.04798655
7	rs1721393	0.52509	0.479898	0.04798655
7	rs2971955	0.40681	0.363621	0.04798655
11	rs7952054	0.0881295	0.0653506	0.04798655
12	rs1548968	0.455036	0.500512	0.04798655
13	rs9559201	0.283394	0.325213	0.04798655
14	rs11160184	0.134409	0.167804	0.04798655
20	rs2867064	0.231183	0.195637	0.04798655
20	rs16991114	0.125448	0.0986662	0.04798655
2	rs6740991	0.188172	0.225299	0.048013476

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs868392	0.351254	0.309621	0.048013476
3	rs1729975	0.157706	0.127341	0.048013476
4	rs17605639	0.302867	0.263633	0.048013476
4	rs763540	0.258065	0.220764	0.048013476
5	rs248203	0.198556	0.236636	0.048013476
11	rs7124287	0.487455	0.442701	0.048013476
13	rs9534176	0.200717	0.238923	0.048013476
13	rs1878410	0.315412	0.358848	0.048013476
14	rs1076317	0.505376	0.460082	0.048013476
2	rs6548038	0.317204	0.276302	0.048040417
4	rs10017241	0.261649	0.22385	0.048040417
12	rs7138452	0.257194	0.219516	0.048040417
13	rs9559192	0.282374	0.32408	0.048040417
15	rs1869126	0.141577	0.175639	0.048040417
16	rs17836505	0.519713	0.474446	0.048040417
21	rs2827976	0.134892	0.168827	0.048040417
1	rs3815226	0.220217	0.18552	0.048067375
5	rs1021767	0.0340502	0.0543812	0.048067375
5	rs467610	0.282374	0.243188	0.048067375
13	rs7489996	0.327899	0.286737	0.048067375
16	rs7199581	0.152878	0.188332	0.048067375
3	rs9859908	0.456989	0.412747	0.048094349
4	rs7698375	0.170251	0.207255	0.048094349
4	rs17278402	0.324373	0.283453	0.048094349
5	rs17445675	0.201439	0.239434	0.048094349
8	rs933115	0.372302	0.416724	0.048094349
21	rs1817114	0.34767	0.391601	0.048094349
6	rs6916431	0.327957	0.287615	0.048121338
6	rs1115650	0.410394	0.45501	0.048121338
7	rs7780638	0.100358	0.129857	0.048121338
8	rs7821329	0.408602	0.453599	0.048121338
9	rs4978618	0.378136	0.335037	0.048121338
10	rs1936861	0.130824	0.164113	0.048121338
12	rs2342468	0.245487	0.286687	0.048121338
19	rs10853854	0.356631	0.314714	0.048121338
21	rs9305974	0.133574	0.105559	0.048121338
3	rs13084863	0.4319	0.477482	0.048148344
11	rs2593756	0.33574	0.293586	0.048148344
11	rs1784230	0.367384	0.411474	0.048148344
14	rs7140461	0.380866	0.337884	0.048148344
15	rs8042305	0.308664	0.26889	0.048148344
18	rs6508654	0.165468	0.201431	0.048148344
1	rs17606320	0.303957	0.347241	0.048175366
1	rs12744326	0.285199	0.246424	0.048175366
5	rs6887937	0.284173	0.326621	0.048175366
7	rs2535960	0.129032	0.101333	0.048175366
8	rs4841409	0.464158	0.419052	0.048175366
11	rs531836	0.512545	0.467791	0.048175366
12	rs10778364	0.431655	0.47701	0.048175366
13	rs16955246	0.0806452	0.0592845	0.048175366
2	rs17633730	0.0341727	0.0544774	0.048202403
4	rs10488946	0.0698925	0.0958461	0.048202403

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
4	rs1425626	0.437276	0.393504	0.048202403
5	rs168894	0.222222	0.261507	0.048202403
5	rs17637311	0.121864	0.154226	0.048202403
8	rs7002130	0.206835	0.245659	0.048202403
13	rs7985746	0.327957	0.28698	0.048202403
17	rs7212461	0.202509	0.16888	0.048202403
17	rs9899602	0.319495	0.278535	0.048202403
5	rs13164082	0.311151	0.354294	0.048229457
5	rs6878443	0.324373	0.367838	0.048229457
8	rs13252450	0.297491	0.258521	0.048229457
10	rs7084645	0.408602	0.453678	0.048229457
11	rs10893622	0.290323	0.250682	0.048229457
13	rs9568732	0.444444	0.489605	0.048229457
17	rs12940382	0.333333	0.291965	0.048229457
17	rs16971269	0.234767	0.275621	0.048229457
10	rs1763404	0.105735	0.0806892	0.048256526
10	rs2393478	0.259857	0.222203	0.048256526
13	SNP_A-1943377	0.139785	0.111452	0.048256526
4	SNP_A-2163545	0.0806452	0.108177	0.048283612
4	rs10010798	0.190647	0.228109	0.048283612
5	rs13157625	0.155914	0.190801	0.048283612
6	rs7761118	0.0698925	0.096049	0.048283612
8	rs1396981	0.222222	0.186455	0.048283612
10	rs2537626	0.390681	0.347974	0.048283612
15	rs8027222	0.24552	0.286275	0.048283612
2	rs10173566	0.0719424	0.0517711	0.048310714
7	rs10487823	0.229391	0.193763	0.048310714
9	rs8177800	0.0503597	0.0733492	0.048310714
17	rs9897724	0.5	0.455397	0.048310714
21	rs9976865	0.358423	0.402631	0.048310714
1	rs17448695	0.109319	0.0838446	0.048337832
2	rs11682884	0.125448	0.0983635	0.048337832
3	rs3906014	0.207885	0.245829	0.048337832
4	SNP_A-2028680	0.403986	0.359748	0.048337832
8	rs7463586	0.378136	0.335322	0.048337832
10	rs11009599	0.295699	0.255889	0.048337832
13	rs6490805	0.250896	0.291482	0.048337832
13	rs2257612	0.150538	0.120743	0.048337832
4	rs17488814	0.297491	0.340436	0.048364966
5	rs13353876	0.473118	0.427694	0.048364966
6	rs446242	0.498208	0.454096	0.048364966
3	rs7651618	0.131295	0.103578	0.048392115
4	rs10020466	0.231183	0.270805	0.048392115
6	rs7744950	0.421147	0.377429	0.048392115
11	rs12418104	0.140288	0.111811	0.048392115
11	rs1121656	0.284946	0.327539	0.048392115
11	rs4937700	0.387097	0.34441	0.048392115
16	rs11574635	0.155914	0.190525	0.048392115
16	rs375862	0.289568	0.332199	0.048392115
2	rs2422239	0.411871	0.456559	0.048419282
2	SNP_A-1844635	0.0860215	0.0638624	0.048419282
3	rs4678137	0.229391	0.269663	0.048419282

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
8	rs7833121	0.044964	0.0675307	0.048419282
10	rs1739775	0.123636	0.156282	0.048419282
11	rs6590613	0.272401	0.23389	0.048419282
1	rs11206127	0.383513	0.42823	0.048446464
1	rs3830178	0.272401	0.313759	0.048446464
9	rs7848919	0.285971	0.32862	0.048446464
9	rs10116313	0.103943	0.134445	0.048446464
1	rs3737741	0.487455	0.442531	0.048473662
1	rs12031265	0.0698925	0.0964942	0.048473662
8	rs11778610	0.297491	0.258509	0.048473662
10	rs998404	0.366906	0.410672	0.048473662
12	rs7961581	0.315412	0.274991	0.048473662
14	rs7152672	0.415771	0.371935	0.048473662
1	rs10783063	0.0949821	0.123978	0.048500876
2	rs6750019	0.366426	0.32385	0.048500876
2	rs533833	0.0734767	0.100443	0.048500876
5	rs26642	0.456989	0.502048	0.048500876
12	rs7977406	0.336918	0.296322	0.048500876
12	rs6486438	0.354317	0.312756	0.048500876
1	rs2008968	0.0734767	0.100136	0.048528107
1	rs10916203	0.399642	0.443818	0.048528107
2	SNP_A-1871180	0.100358	0.13096	0.048528107
4	rs2306597	0.240143	0.203963	0.048528107
4	rs17393306	0.0394265	0.0608592	0.048528107
5	rs17308909	0.327338	0.286347	0.048528107
11	rs2736526	0.0806452	0.108399	0.048528107
11	rs12275977	0.0752688	0.0547992	0.048528107
12	rs10843179	0.365108	0.323279	0.048528107
13	rs1570607	0.0860215	0.114295	0.048528107
14	rs1024510	0.145161	0.116354	0.048528107
15	rs1025141	0.365591	0.410252	0.048528107
5	rs6868483	0.353261	0.311369	0.048555353
6	rs7755513	0.137993	0.171832	0.048555353
6	rs4458703	0.222222	0.186882	0.048555353
11	rs17140393	0.125899	0.0988075	0.048555353
12	rs10773263	0.439068	0.395365	0.048555353
2	rs6736757	0.0773381	0.0564076	0.048582616
2	rs10188509	0.491039	0.446204	0.048582616
3	rs17705803	0.433453	0.389533	0.048582616
5	rs12523226	0.170251	0.206514	0.048582616
5	rs154447	0.249104	0.290256	0.048582616
5	rs329470	0.510753	0.466951	0.048582616
11	rs1541301	0.458633	0.41468	0.048582616
11	rs1625168	0.11828	0.150477	0.048582616
12	rs11113205	0.333333	0.37696	0.048582616
13	SNP_A-2128389	0.283154	0.324702	0.048582616
14	rs7140430	0.381295	0.338396	0.048582616
18	rs9961728	0.0809353	0.0597474	0.048582616
20	SNP_A-2212377	0.321942	0.281186	0.048582616
2	rs3769440	0.510753	0.465781	0.048609895
4	rs17013544	0.218638	0.183691	0.048609895
5	rs17252695	0.178058	0.146217	0.048609895

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
5	rs10040679	0.106115	0.136968	0.048609895
7	rs4535659	0.167266	0.136147	0.048609895
10	rs1925279	0.318996	0.278233	0.048609895
17	rs6607284	0.329137	0.372486	0.048609895
20	rs998422	0.377698	0.422029	0.048609895
1	rs2884876	0.125448	0.0983997	0.04863719
3	rs931913	0.37276	0.330381	0.04863719
8	rs11783615	0.107914	0.138747	0.04863719
8	rs7840012	0.200717	0.239012	0.04863719
9	rs4979472	0.47491	0.430541	0.04863719
13	rs7329170	0.0377698	0.0583929	0.04863719
14	rs17110870	0.182796	0.150375	0.04863719
2	rs10495583	0.0985663	0.0748125	0.048664501
2	rs1823913	0.28853	0.330095	0.048664501
6	rs12530352	0.0913978	0.120743	0.048664501
7	rs2079961	0.333333	0.292462	0.048664501
8	rs6995112	0.272401	0.313736	0.048664501
10	rs16927368	0.0681004	0.0486348	0.048664501
11	rs1784515	0.154122	0.123977	0.048664501
16	rs226043	0.28777	0.248806	0.048664501
1	rs12021529	0.489247	0.444653	0.048691829
1	rs11249429	0.331541	0.374573	0.048691829
3	rs7426620	0.389091	0.434264	0.048691829
4	rs2071678	0.168459	0.204971	0.048691829
8	rs7822258	0.408602	0.453492	0.048691829
9	rs7039253	0.507168	0.462534	0.048691829
13	rs12873209	0.0971223	0.126449	0.048691829
21	rs388700	0.462094	0.417916	0.048691829
5	rs4342276	0.205776	0.244637	0.048719172
6	rs532230	0.326165	0.36932	0.048719172
7	rs6945104	0.419355	0.375554	0.048719172
11	rs10502133	0.16129	0.130798	0.048719172
18	rs12717074	0.505396	0.460136	0.048719172
19	rs273619	0.37276	0.416581	0.048719172
6	rs186237	0.336918	0.29571	0.048746532
7	rs12113716	0.177419	0.214067	0.048746532
8	rs10090183	0.123656	0.155941	0.048746532
15	rs687124	0.280576	0.3236	0.048746532
22	rs139314	0.290323	0.33322	0.048746532
4	rs11132967	0.478495	0.433924	0.048773908
5	rs13180912	0.0917266	0.120819	0.048773908
8	rs6987103	0.40681	0.451822	0.048773908
10	rs11251508	0.476703	0.432027	0.048773908
20	rs6068321	0.109319	0.0844399	0.048773908
22	rs137954	0.15233	0.122271	0.048773908
1	rs10874255	0.444444	0.489612	0.048801301
4	rs6821250	0.322581	0.365779	0.048801301
6	rs513041	0.458633	0.414364	0.048801301
6	rs2225906	0.210432	0.249489	0.048801301
10	rs1591815	0.374552	0.332538	0.048801301
11	rs883724	0.163082	0.132153	0.048801301
14	rs7143932	0.133094	0.16644	0.048801301

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs10782894	0.0860215	0.0636487	0.048828709
3	rs10804839	0.505376	0.459823	0.048828709
5	rs27574	0.131295	0.103713	0.048828709
6	rs11756035	0.111111	0.142274	0.048828709
9	rs7039459	0.121864	0.095092	0.048828709
9	rs10512003	0.327957	0.371424	0.048828709
10	rs11259193	0.173835	0.141763	0.048828709
13	rs860316	0.113309	0.0876535	0.048828709
14	rs11628824	0.342294	0.385992	0.048828709
2	rs1367203	0.169675	0.205963	0.048856134
2	rs7573045	0.267025	0.228528	0.048856134
4	rs6821599	0.120504	0.0943364	0.048856134
6	rs1551115	0.385305	0.429009	0.048856134
8	rs279626	0.348921	0.393417	0.048856134
10	rs2504249	0.155914	0.125298	0.048856134
11	rs531005	0.516129	0.47119	0.048856134
21	rs2837489	0.390681	0.435434	0.048856134
4	rs9291652	0.428058	0.473083	0.048883575
4	rs10489000	0.173835	0.210221	0.048883575
6	rs12213051	0.446237	0.402181	0.048883575
7	rs3801161	0.225806	0.265588	0.048883575
13	rs2805606	0.133094	0.105209	0.048883575
3	rs916217	0.102151	0.132072	0.048911033
3	rs10935165	0.202509	0.16894	0.048911033
5	rs1664781	0.268817	0.309646	0.048911033
5	rs10079961	0.118705	0.0924413	0.048911033
6	rs1233495	0.314748	0.274276	0.048911033
6	rs859981	0.532374	0.487389	0.048911033
6	rs17449356	0.228417	0.192504	0.048911033
9	rs16907323	0.0863309	0.11448	0.048911033
14	rs11157351	0.0842294	0.0620737	0.048911033
15	rs7048	0.0845324	0.112534	0.048911033
18	rs2612321	0.160072	0.129863	0.048911033
1	rs12029109	0.0734767	0.0532242	0.048938506
3	rs1386332	0.242806	0.282475	0.048938506
5	rs163725	0.0521583	0.0757006	0.048938506
7	rs11760903	0.345878	0.389343	0.048938506
8	rs10808826	0.34767	0.391216	0.048938506
10	rs10884678	0.0685921	0.0490798	0.048938506
11	rs10832645	0.183453	0.220553	0.048938506
13	rs17597090	0.0322581	0.0514831	0.048938506
14	rs7140165	0.267025	0.228868	0.048938506
19	rs1078373	0.396057	0.353663	0.048938506
2	rs2954959	0.236462	0.275656	0.048965996
3	rs9311811	0.458781	0.503753	0.048965996
5	rs4482855	0.455197	0.5	0.048965996
7	rs10230949	0.0430108	0.0643784	0.048965996
7	rs7802831	0.164875	0.133901	0.048965996
8	rs7008889	0.173835	0.142614	0.048965996
9	rs1930734	0.210432	0.249403	0.048965996
10	rs10437405	0.336918	0.380457	0.048965996
14	rs4905528	0.521583	0.476312	0.048965996

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
19	rs12984744	0.329749	0.289581	0.048965996
2	rs10190732	0.163082	0.198534	0.048993502
2	rs10197133	0.133574	0.167745	0.048993502
2	rs10175549	0.243728	0.283498	0.048993502
4	rs7689553	0.444444	0.400341	0.048993502
8	rs1123828	0.18638	0.223944	0.048993502
9	rs10991510	0.108303	0.0831913	0.048993502
12	rs4569092	0.105735	0.13658	0.048993502
13	rs1576158	0.401434	0.358311	0.048993502
15	rs2219507	0.229391	0.193449	0.048993502
15	rs11637762	0.360215	0.403682	0.048993502
16	rs12597431	0.419065	0.375554	0.048993502
1	rs12032100	0.215827	0.255119	0.049021025
1	rs4926337	0.331541	0.290531	0.049021025
1	rs2994429	0.115523	0.146949	0.049021025
1	rs12739927	0.078853	0.106521	0.049021025
3	rs7650415	0.439068	0.483629	0.049021025
4	rs2319914	0.408273	0.452965	0.049021025
5	rs328830	0.0794224	0.107094	0.049021025
6	rs7766115	0.458781	0.502898	0.049021025
6	rs4715852	0.138989	0.17292	0.049021025
9	rs6559686	0.365591	0.323048	0.049021025
10	rs10828610	0.301075	0.260662	0.049021025
10	rs4751481	0.130824	0.16394	0.049021025
15	rs345778	0.134409	0.106608	0.049021025
18	rs1822445	0.341727	0.385651	0.049021025
20	rs2268084	0.428315	0.473102	0.049021025
2	rs6433680	0.0860215	0.0638189	0.049048564
5	rs354616	0.0752688	0.0545703	0.049048564
8	rs2670073	0.345878	0.389135	0.049048564
11	rs16922394	0.0806452	0.108421	0.049048564
15	rs1501419	0.310469	0.353783	0.049048564
20	rs6134624	0.0573477	0.0817996	0.049048564
1	rs11264728	0.374101	0.331514	0.049076119
3	rs7642276	0.236559	0.200409	0.049076119
3	rs16839969	0.282374	0.324651	0.049076119
4	rs1370459	0.121864	0.154174	0.049076119
7	rs2346443	0.410394	0.367291	0.049076119
10	rs10764478	0.292115	0.252981	0.049076119
15	rs7170842	0.0394265	0.0605335	0.049076119
1	rs7537494	0.378136	0.422317	0.049103691
12	rs792474	0.25	0.290273	0.049103691
14	rs17115728	0.0519713	0.0759537	0.049103691
14	rs2164950	0.100358	0.130746	0.049103691
20	rs2223542	0.311151	0.353683	0.049103691
3	rs11713266	0.173835	0.142711	0.049131279
8	rs1038192	0.426523	0.471721	0.049131279
11	rs2351044	0.419355	0.375725	0.049131279
11	rs674306	0.342294	0.385534	0.049131279
15	rs9920144	0.344086	0.302112	0.049131279
18	rs4798520	0.442652	0.398909	0.049131279
22	rs11705515	0.22482	0.189033	0.049131279

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
1	rs17726097	0.0938628	0.0705521	0.049158883
1	rs3856108	0.359712	0.40399	0.049158883
3	rs7627715	0.159498	0.129131	0.049158883
3	rs10513733	0.0430108	0.064758	0.049158883
11	rs10792758	0.339928	0.298431	0.049158883
15	rs7177058	0.0913978	0.0687244	0.049158883
21	rs4239804	0.308244	0.350868	0.049158883
2	rs1221175	0.534296	0.489227	0.049186504
6	rs620250	0.535842	0.490273	0.049186504
6	rs6935481	0.27957	0.321404	0.049186504
7	rs17372719	0.391697	0.437052	0.049186504
7	rs11982160	0.401434	0.358018	0.049186504
9	rs10962543	0.0483871	0.0708206	0.049186504
11	rs2513441	0.396057	0.441227	0.049186504
14	rs7160841	0.102518	0.13314	0.049186504
1	rs4655650	0.473022	0.42823	0.049214141
4	rs2345047	0.354317	0.398227	0.049214141
14	rs1022849	0.0953237	0.0717451	0.049214141
1	rs17386462	0.222222	0.186882	0.049241794
2	rs7557984	0.16129	0.196866	0.049241794
8	rs16870012	0.0448029	0.0672684	0.049241794
9	rs7870160	0.408602	0.453152	0.049241794
16	rs2875855	0.155914	0.190906	0.049241794
21	rs1556311	0.189964	0.226994	0.049241794
6	rs10872331	0.164875	0.134366	0.049269464
8	rs10866818	0.0824373	0.110352	0.049269464
16	rs7189366	0.179856	0.216997	0.049269464
17	rs12602266	0.245487	0.208433	0.049269464
17	rs2854311	0.417563	0.373467	0.049269464
3	rs12629030	0.137993	0.171721	0.04929715
6	rs852928	0.402527	0.359823	0.04929715
6	rs6924755	0.464029	0.419619	0.04929715
13	rs2491039	0.439068	0.48364	0.04929715
13	rs7992207	0.177419	0.145414	0.04929715
20	rs6048285	0.446237	0.402248	0.04929715
22	rs5756505	0.438628	0.39445	0.04929715
2	rs12233096	0.33871	0.297205	0.049324853
5	rs163811	0.0537634	0.0773688	0.049324853
12	rs17031540	0.109319	0.140348	0.049324853
2	rs13017199	0.326165	0.369157	0.049352572
3	rs10510356	0.4319	0.387432	0.049352572
3	rs869023	0.369176	0.327428	0.049352572
7	rs2402762	0.424731	0.38092	0.049352572
17	rs12937224	0.489247	0.444444	0.049352572
19	rs10405214	0.216846	0.255631	0.049352572
21	rs2183589	0.120072	0.0937287	0.049352572
22	rs10154425	0.103943	0.07946	0.049352572
3	rs1387127	0.267986	0.229956	0.049380308
10	rs2133705	0.519784	0.475051	0.049380308
11	rs6485257	0.215054	0.180225	0.049380308
11	rs3935159	0.290323	0.332255	0.049380308
14	rs858870	0.38172	0.339346	0.049380308

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
16	rs9927884	0.0949821	0.124319	0.049380308
1	rs10908456	0.399642	0.444123	0.04940806
3	rs661369	0.238351	0.202251	0.04940806
7	rs3757520	0.448029	0.403885	0.04940806
8	rs10100391	0.197842	0.164395	0.04940806
9	rs2026341	0.411552	0.367632	0.04940806
21	rs9977499	0.34767	0.391371	0.04940806
2	rs3791767	0.229391	0.193422	0.049435829
3	rs10513095	0.204301	0.170245	0.049435829
4	rs2141474	0.17446	0.143369	0.049435829
5	rs875347	0.496403	0.451992	0.049435829
6	rs9343710	0.327957	0.287807	0.049435829
7	rs817771	0.310036	0.269912	0.049435829
8	rs10957017	0.133574	0.167065	0.049435829
9	rs7022941	0.462366	0.417603	0.049435829
12	rs10777845	0.38172	0.339176	0.049435829
13	rs667139	0.413978	0.37083	0.049435829
13	rs12583005	0.223022	0.261929	0.049435829
14	rs10137523	0.264388	0.226081	0.049435829
15	rs11073866	0.302867	0.262862	0.049435829
16	rs996157	0.125448	0.157733	0.049435829
17	rs7501897	0.424731	0.469005	0.049435829
19	rs299170	0.320789	0.28013	0.049435829
20	rs7269891	0.419355	0.464067	0.049435829
2	rs3769714	0.267025	0.22938	0.049463614
3	rs1490269	0.21147	0.249915	0.049463614
3	rs12497289	0.172662	0.141056	0.049463614
5	rs17830967	0.0824373	0.0607509	0.049463614
5	rs16872235	0.150538	0.121083	0.049463614
6	rs6453855	0.163082	0.132584	0.049463614
2	rs6545480	0.284173	0.245225	0.049491415
3	rs2061197	0.46595	0.421843	0.049491415
6	rs7761775	0.103261	0.133652	0.049491415
6	rs12191138	0.392473	0.349932	0.049491415
14	rs8012389	0.125899	0.0990791	0.049491415
16	rs6600143	0.330325	0.289635	0.049491415
16	rs1072247	0.258065	0.220403	0.049491415
18	rs586025	0.28853	0.249404	0.049491415
2	rs17380029	0.191756	0.159277	0.049519233
2	rs10930136	0.22043	0.185223	0.049519233
2	rs10191097	0.491039	0.446374	0.049519233
3	rs9831450	0.413357	0.370389	0.049519233
4	rs4513557	0.0752688	0.102184	0.049519233
4	rs17049611	0.12724	0.100614	0.049519233
6	rs2924667	0.213262	0.178535	0.049519233
8	rs6578008	0.464029	0.41985	0.049519233
11	rs17304039	0.170863	0.139475	0.049519233
11	rs2509563	0.342294	0.385481	0.049519233
16	rs1496961	0.329749	0.37334	0.049519233
17	rs1682280	0.349462	0.392541	0.049519233
18	rs583639	0.0681004	0.0935902	0.049519233
2	rs7559906	0.503636	0.458717	0.049547068

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
2	rs17430358	0.264388	0.226869	0.049547068
3	rs206316	0.419065	0.374957	0.049547068
7	rs1911754	0.158845	0.194142	0.049547068
8	rs2583662	0.514388	0.469676	0.049547068
10	rs2246538	0.247312	0.28791	0.049547068
12	rs12817623	0.09319	0.122275	0.049547068
13	rs9549448	0.213262	0.178754	0.049547068
14	rs10483722	0.250896	0.21414	0.049547068
18	rs9950986	0.191756	0.158665	0.049547068
19	rs166653	0.372302	0.41607	0.049547068
20	rs6072667	0.231183	0.195875	0.049547068
1	rs472908	0.395683	0.440014	0.049574919
1	rs12044097	0.15704	0.19236	0.049574919
1	rs946263	0.154122	0.188862	0.049574919
2	rs1430243	0.392473	0.437543	0.049574919
3	rs1526939	0.204301	0.170586	0.049574919
5	rs11749216	0.0806452	0.108784	0.049574919
8	rs239463	0.0645161	0.0897611	0.049574919
10	rs10764477	0.28853	0.249574	0.049574919
13	rs12586046	0.0851449	0.113404	0.049574919
15	rs2289439	0.125899	0.0985339	0.049574919
18	rs979166	0.47491	0.431222	0.049574919
2	rs17455729	0.0537634	0.0775128	0.049602787
9	rs7042998	0.152878	0.123038	0.049602787
12	rs2051992	0.122744	0.0962457	0.049602787
12	rs4612882	0.134409	0.167633	0.049602787
16	rs182626	0.224014	0.263454	0.049602787
21	rs2837073	0.308244	0.350817	0.049602787
5	rs4912644	0.073741	0.0533151	0.049630671
9	rs1930357	0.277778	0.239775	0.049630671
12	rs1732771	0.433692	0.389608	0.049630671
20	rs259971	0.456989	0.413317	0.049630671
1	rs17563262	0.209677	0.175579	0.049658571
5	rs10053728	0.498208	0.454003	0.049658571
8	rs4734386	0.403226	0.359679	0.049658571
12	rs7311488	0.21223	0.177853	0.049658571
6	rs1778297	0.34296	0.386789	0.049686489
8	rs16910319	0.145683	0.179884	0.049686489
11	rs1816999	0.467626	0.423391	0.049686489
1	rs3819981	0.329749	0.288567	0.049714423
6	rs9365794	0.410394	0.454685	0.049714423
7	rs782055	0.351254	0.308989	0.049714423
11	rs7106914	0.501792	0.457595	0.049714423
17	rs9914579	0.5	0.455351	0.049714423
17	rs203097	0.227599	0.267723	0.049714423
18	rs7408096	0.494624	0.450358	0.049714423
18	rs17487277	0.370504	0.414763	0.049714423
6	rs9377715	0.419065	0.463664	0.049742373
8	rs1598260	0.306452	0.348909	0.049742373
10	rs1080845	0.0665468	0.0927378	0.049742373
10	rs7090540	0.168459	0.137078	0.049742373
10	rs7908601	0.0806452	0.107836	0.049742373

Table DS2 All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
12	rs10506460	0.146953	0.117807	0.049742373
14	rs2149649	0.327957	0.28698	0.049742373
21	rs2832131	0.133574	0.166383	0.049742373
21	rs2000434	0.272401	0.313629	0.049742373
5	rs2962483	0.390681	0.348294	0.04977034
16	SNP_A-2065089	0.062724	0.0878447	0.04977034
18	rs7243428	0.200717	0.239182	0.04977034
3	rs6414256	0.392473	0.349796	0.049798324
11	rs1009240	0.480144	0.43539	0.049798324
15	rs11857237	0.437276	0.393805	0.049798324
1	rs10493888	0.204301	0.170412	0.049826324
1	rs2494766	0.340502	0.299353	0.049826324
4	rs3821936	0.129496	0.16189	0.049826324
5	rs1875481	0.370036	0.414451	0.049826324
7	rs2530132	0.247312	0.210858	0.049826324
11	rs755851	0.322581	0.365588	0.049826324
14	rs2810097	0.310036	0.269755	0.049826324
13	rs4254165	0.286738	0.328625	0.049854341
20	rs4815070	0.333935	0.377044	0.049854341
1	rs1103168	0.374552	0.332595	0.049882375
1	rs2576264	0.349462	0.393211	0.049882375
2	rs705648	0.229391	0.269703	0.049882375
3	rs7631640	0.102518	0.0785251	0.049882375
5	rs387013	0.339928	0.299387	0.049882375
6	rs2153140	0.339928	0.383214	0.049882375
7	rs977201	0.16426	0.19983	0.049882375
11	rs85074	0.335125	0.294238	0.049882375
11	rs11020235	0.435252	0.479884	0.049882375
11	rs16922406	0.0806452	0.108311	0.049882375
13	rs9317351	0.249104	0.289249	0.049882375
19	rs12608629	0.117329	0.0912496	0.049882375
2	rs10496319	0.267986	0.309435	0.049910425
2	rs12623832	0.28853	0.329813	0.049910425
2	rs17770211	0.419355	0.375298	0.049910425
2	rs10171368	0.266187	0.22842	0.049910425
7	rs1477226	0.166667	0.135868	0.049910425
12	rs10843180	0.365108	0.323509	0.049910425
14	rs927382	0.402878	0.447647	0.049910425
14	rs17095088	0.123188	0.155172	0.049910425
16	rs9933246	0.399642	0.443952	0.049910425
1	rs7513623	0.0913978	0.120613	0.049938492
1	rs7551341	0.437276	0.481778	0.049938492
3	rs11706167	0.0770609	0.104188	0.049938492
12	rs11049678	0.365108	0.323439	0.049938492
12	rs7955539	0.241935	0.205722	0.049938492
14	rs10146912	0.333935	0.293045	0.049938492
17	rs7212681	0.448029	0.493183	0.049938492
1	rs273252	0.375451	0.332822	0.049966576
4	rs2712692	0.417563	0.46184	0.049966576
5	rs17052725	0.448029	0.49267	0.049966576
6	rs9456003	0.397849	0.355465	0.049966576
8	rs1440350	0.43705	0.393795	0.049966576

Table DS2: All SNPs tested for association (RDC SABP vs. controls) with the Cochran-Armitage trend test and significant at the p=0.05 threshold.

chromosome	SNP	MAF_cases	MAF_controls	p_value
11	rs7120774	0.31295	0.272836	0.049966576
11	rs10896137	0.172662	0.20849	0.049966576
13	rs1023055	0.170863	0.139646	0.049966576
13	rs655365	0.306452	0.26628	0.049966576
3	rs9681374	0.0971223	0.0734242	0.049994676
5	rs3733755	0.222222	0.261158	0.049994676
8	rs11250163	0.44964	0.49471	0.049994676
8	rs1354446	0.426523	0.471541	0.049994676
12	rs4766691	0.234767	0.274506	0.049994676
13	rs560295	0.33871	0.297818	0.049994676
14	rs726041	0.42446	0.469123	0.049994676

Table DS3: Independent association signals at $p < 10^{-4}$ for comparison of RDC SABP cases against controls

Independent is defined as linkage disequilibrium $r^2 < 0.2$. Physical location is given as base pair location on the chromosome according to genome build 126.
 The p value is the significance of the lambda-corrected Cochran-Armitage trend test.
 The supporting SNPs have $p < 0.001$, lie within 250kb and are in linkage disequilibrium at $r^2 > 0.2$ with index SNP.

Chromosome	SNP	position (bp)	P_value	TOTAL	NSIG	S05	S01	S001	S0001	
21	rs4818065	39959593	5.12E-07	1	0	0	0	0	0	1
3	rs2352974	49865617	8.27E-07	11	0	3	4	3		1
15	rs16942644	87413740	1.38E-06	3	0	0	0	1		2
4	rs6414684	46909508	2.49E-06	5	2	1	0	0		2
5	rs13154602	76431673	2.99E-06	4	0	0	0	2		2
13	rs7990962	42297245	5.61E-06	6	1	1	0	3		1
2	rs4027132	11988090	6.63E-06	1	0	1	0	0		0
4	rs7680321	46986035	7.28E-06	11	7	1	0	0		3
6	rs1171115	84286342	8.36E-06	18	0	1	11	2		4
7	rs9692080	138831267	1.27E-05	5	0	2	0	2		1
7	rs971992	20913583	1.30E-05	7	1	2	0	2		2
3	rs6795255	13640927	1.41E-05	1	0	0	1	0		0
4	rs4859809	78607832	2.05E-05	65	18	2	8	1		36
4	rs4859809									
7	rs2869738	67931285	2.35E-05	1	0	0	0	1		0
2	rs6748570	6024047	2.62E-05	4	1	1	1	0		1
15	rs16961825	33923855	2.95E-05	1	0	0	0	1		0
9	rs10982246	114329947	3.78E-05	4	0	1	0	3		0
4	rs4697854	10839641	4.87E-05	0	0	0	0	0		0
3	rs1522549	61787730	6.09E-05	3	0	0	0	3		0
22	rs17435801	15690867	6.25E-05	7	2	1	1	3		0
2	rs6750277	231705813	6.25E-05	12	0	5	0	4		3
12	rs4764639	100031962	6.70E-05	9	5	0	2	0		2
18	rs3760569	58390061	6.80E-05	7	1	2	1	3		0
4	rs4298171	181172423	7.44E-05	13	5	1	3	3		1
9	rs1073540	70059368	8.26E-05	20	12	4	2	2		0
6	rs6570569	143981332	8.38E-05	12	0	1	5	6		0
3	rs16827322	158433580	8.77E-05	25	7	1	3	14		0

Chromosome	SNP	SP2
21	rs4818065	rs734413
3	rs2352974	rs9827708,rs9858542,rs11130214,rs2291542,rs3749237,rs2271961,rs17657688,rs7628058,rs2526747,rs2240327,rs7061
15	rs16942644	rs12595660,rs11073831,rs11858077
4	rs6414684	rs3934674,rs4368579,rs6852985
5	rs13154602	rs3934500,rs13170206,rs4703727,rs6453278
13	rs7990962	rs1323608,rs1535902,rs9562431,rs9567041,rs9594819
2	rs4027132	rs2716620
4	rs7680321	rs6447530,rs6447534,rs1442101,rs994447
6	rs1171115	rs6917851,rs12191369,rs2152183,rs3798889,rs6903322,rs10943933,rs13196054,rs6454330,rs9449623,rs13207536,rs512140,rs798395,rs971215,rs9341963,rs3798867,rs217326,rs217303,rs217297
7	rs9692080	rs12707449,rs10954656,rs4726715,rs2270163,rs12534299
7	rs971992	rs7800398,rs971993,rs971990,rs6962818,rs12673221,rs10274515
3	rs6795255	rs1562808
4	rs4859809	rs4241612,rs4417998,rs1862359,rs10518169,rs2059102,rs2059103,rs2059104,rs2059105,rs2059106,rs4416501,rs4460017,rs2042229,rs17395298,rs2194126,rs10518170,rs4475169,rs10518171,rs4484325,rs4241616,rs2059107,rs4859480,rs17400392,rs1988614,rs10017165,rs10010146,
4	rs4859809	rs9307260,rs4608831,rs2866045,rs4859481,rs888982,rs10012774,rs10034292,rs9991953,rs17397057,rs4859783,rs4859787,rs960507,rs17397262,rs4859790,rs2042231,rs2042233,rs4859488,rs4859489,rs752062,rs2194117,rs2194118,rs12645407
7	rs2869738	rs3113288
2	rs6748570	rs7563310,rs10191817,rs10495532
15	rs16961825	rs7168742
9	rs10982246	rs11787667,rs10982256,rs1535964,rs998548
4	rs4697854	NONE
3	rs1522549	rs11130855,rs11130857,rs11130858
22	rs17435801	rs16981741,rs175148,rs165670,rs2075120,rs738043
2	rs6750277	rs3821002,rs7603762,rs13387608,rs17619398,rs2175149,rs2136477,rs4973362,rs1543061,rs10192428,rs4973370,rs4973371,rs6756666
12	rs4764639	rs905610,rs7298531,rs10860687,rs11110688
18	rs3760569	rs1473980,rs2048793,rs3760570,rs7231250,rs1052315,rs654975
4	rs4298171	rs2168907,rs3955261,rs6832008,rs2383360,rs1458692,rs922029,rs1458696,rs7655585
9	rs1073540	rs3015182,rs1927105,rs745852,rs3015213,rs2296772,rs17088840,rs1927117,rs7466920
6	rs6570569	rs9403505,rs9376756,rs9390110,rs9321927,rs9386039,rs12216096,rs10484804,rs10457749,rs954349,rs9496707,rs17072830,rs6912373
3	rs16827322	rs6805781,rs6809003,rs10936063,rs10936066,rs6781682,rs7648599,rs13081038,rs10451916,rs9831830,rs7642179,rs1500925,rs9289980,rs924517,rs12633429,rs2874616,rs1403108,rs10936081,rs1522392