

10,001 Dalmatians – bibliography (May 2015)

1. Allebrandt KV, Amin N, Muller-Myhsok B, Esko T, Teder-Laving M, Azevedo RV, et al. A K(ATP) channel gene effect on sleep duration: from genome-wide association studies to function in *Drosophila*. *Molecular psychiatry*. 2013 Jan;18(1):122-32. PubMed PMID: 22105623. Epub 2011/11/23. eng.
2. Allebrandt KV, Teder-Laving M, Kantermann T, Peters A, Campbell H, Rudan I, et al. Chronotype and sleep duration: the influence of season of assessment. *Chronobiology international*. 2014 Jun;31(5):731-40. PubMed PMID: 24679223. Epub 2014/04/01. eng.
3. Ameer A, Enroth S, Johansson A, Zaboli G, Igl W, Johansson AC, et al. Genetic adaptation of fatty-acid metabolism: a human-specific haplotype increasing the biosynthesis of long-chain omega-3 and omega-6 fatty acids. *American journal of human genetics*. 2012 May 4;90(5):809-20. PubMed PMID: 22503634. Pubmed Central PMCID: PMC3376635. Epub 2012/04/17. eng.
4. Ansari M, McKeigue PM, Skerka C, Hayward C, Rudan I, Vitart V, et al. Genetic influences on plasma CFH and CFHR1 concentrations and their role in susceptibility to age-related macular degeneration. *Human molecular genetics*. 2013 Dec 1;22(23):4857-69. PubMed PMID: 23873044. Pubmed Central PMCID: PMC3820139. Epub 2013/07/23. eng.
5. Arking DE, Pulit SL, Crotti L, van der Harst P, Munroe PB, Koopmann TT, et al. Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. *Nature genetics*. 2014 Aug;46(8):826-36. PubMed PMID: 24952745. Pubmed Central PMCID: PMC4124521. Epub 2014/06/24. eng.
6. Asimit J, Day-Williams A, Zgaga L, Rudan I, Boraska V, Zeggini E. An evaluation of different meta-analysis approaches in the presence of allelic heterogeneity. *European journal of human genetics : EJHG*. 2012 Jun;20(6):709-12. PubMed PMID: 22293689. Pubmed Central PMCID: PMC3355266. Epub 2012/02/02. eng.
7. Aulchenko YS, Ripatti S, Lindqvist I, Boomsma D, Heid IM, Pramstaller PP, et al. Loci influencing lipid levels and coronary heart disease risk in 16 European population cohorts. *Nature genetics*. 2009 Jan;41(1):47-55. PubMed PMID: 19060911. Pubmed Central PMCID: PMC2687074. Epub 2008/12/09. eng.
8. Bakija-Konsuo A, Basta-Juzbasic A, Rudan I, Situm M, Nardelli-Kovacic M, Levanat S, et al. Mal de Meleda: genetic haplotype analysis and clinicopathological findings in cases originating from the island of Mljet (Meleda), Croatia. *Dermatology (Basel, Switzerland)*. 2002;205(1):32-9. PubMed PMID: 12145432. Epub 2002/07/30. eng.
9. Bakija-Konsuo A, Mulic R, Boraska V, Pehlic M, Huffman JE, Hayward C, et al. Leprosy epidemics during history increased protective allele frequency of PARK2/PACRG genes in the population of the Mljet Island, Croatia. *European journal of medical genetics*. 2011 Nov-Dec;54(6):e548-52. PubMed PMID: 21816242. Epub 2011/08/06. eng.

10. Bakovic MP, Selman MH, Hoffmann M, Rudan I, Campbell H, Deelder AM, et al. High-throughput IgG Fc N-glycosylation profiling by mass spectrometry of glycopeptides. *Journal of proteome research*. 2013 Feb 1;12(2):821-31. PubMed PMID: 23298168. Epub 2013/01/10. eng.
11. Barac L, Pericic M, Klaric IM, Rootsi S, Janicijevic B, Kivisild T, et al. Y chromosomal heritage of Croatian population and its island isolates. *European journal of human genetics : EJHG*. 2003 Jul;11(7):535-42. PubMed PMID: 12825075. Epub 2003/06/26. eng.
12. Barbalic M, Narancic NS, Skaric-Juric T, Salihovic MP, Klaric IM, Lauc LB, et al. A quantitative trait locus for SBP maps near KCNB1 and PTGIS in a population isolate. *American journal of hypertension*. 2009 Jun;22(6):663-8. PubMed PMID: 19265782. Epub 2009/03/07. eng.
13. Barbalic M, Skaric-Juric T, Cambien F, Barboux S, Poirier O, Turek S, et al. Gene polymorphisms of the renin-angiotensin system and early development of hypertension. *American journal of hypertension*. 2006 Aug;19(8):837-42. PubMed PMID: 16876684. Epub 2006/08/01. eng.
14. Baumert J, Huang J, McKnight B, Sabater-Lleal M, Steri M, Chu AY, et al. No evidence for genome-wide interactions on plasma fibrinogen by smoking, alcohol consumption and body mass index: results from meta-analyses of 80,607 subjects. *PLoS one*. 2014;9(12):e111156. PubMed PMID: 25551457. Pubmed Central PMCID: PMC4281156. Epub 2015/01/01. eng.
15. Berndt SI, Gustafsson S, Magi R, Ganna A, Wheeler E, Feitosa MF, et al. Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. *Nature genetics*. 2013 May;45(5):501-12. PubMed PMID: 23563607. Pubmed Central PMCID: PMC3973018. Epub 2013/04/09. eng.
16. Biloglav Z, Ivankovic D, Campbell H, Rudan I. Performance of WHO Angina Questionnaire in measuring burden of coronary heart disease in human isolate populations. *Collegium antropologicum*. 2004 Jun;28(1):205-13. PubMed PMID: 15636077. Epub 2005/01/08. eng.
17. Biloglav Z, Zgaga L, Smoljanovic M, Hayward C, Polasek O, Kolcic I, et al. Historic, demographic, and genetic evidence for increased population frequencies of CCR5Delta32 mutation in Croatian Island isolates after lethal 15th century epidemics. *Croatian medical journal*. 2009 Feb;50(1):34-42. PubMed PMID: 19260142. Pubmed Central PMCID: PMC2657566. Epub 2009/03/05. eng.
18. Boger CA, Chen MH, Tin A, Olden M, Kottgen A, de Boer IH, et al. CUBN is a gene locus for albuminuria. *Journal of the American Society of Nephrology : JASN*. 2011 Mar;22(3):555-70. PubMed PMID: 21355061. Pubmed Central PMCID: PMC3060449. Epub 2011/03/01. eng.
19. Bolton JL, Hayward C, Direk N, Lewis JG, Hammond GL, Hill LA, et al. Genome wide association identifies common variants at the SERPINA6/SERPINA1 locus influencing plasma cortisol and corticosteroid binding globulin. *PLoS genetics*. 2014 Jul;10(7):e1004474. PubMed PMID: 25010111. Pubmed Central PMCID: PMC4091794. Epub 2014/07/11. eng.
20. Boraska V, Day-Williams A, Franklin CS, Elliott KS, Panoutsopoulou K, Tachmazidou I, et al. Genome-wide association study to identify common variants associated with brachial circumference:

a meta-analysis of 14 cohorts. *PLoS one*. 2012;7(3):e31369. PubMed PMID: 22479309. Pubmed Central PMCID: PMC3315559. Epub 2012/04/06. eng.

21. Boraska V, Jeroncic A, Colonna V, Southam L, Nyholt DR, Rayner NW, et al. Genome-wide meta-analysis of common variant differences between men and women. *Human molecular genetics*. 2012 Nov 1;21(21):4805-15. PubMed PMID: 22843499. Pubmed Central PMCID: PMC3471397. Epub 2012/07/31. eng.

22. Budimir D, Jeroncic A, Gunjaca G, Rudan I, Polasek O, Boban M. Sex-specific association of anthropometric measures of body composition with arterial stiffness in a healthy population. *Medical science monitor : international medical journal of experimental and clinical research*. 2012 Feb;18(2):CR65-71. PubMed PMID: 22293879. Pubmed Central PMCID: PMC3560590. Epub 2012/02/02. eng.

23. Budimir D, Polasek O, Marusic A, Kolcic I, Zemunik T, Boraska V, et al. Ethical aspects of human biobanks: a systematic review. *Croatian medical journal*. 2011 Jun;52(3):262-79. PubMed PMID: 21674823. Pubmed Central PMCID: PMC3118708. Epub 2011/06/16. eng.

24. Busby GB, Brisighelli F, Sanchez-Diz P, Ramos-Luis E, Martinez-Cadenas C, Thomas MG, et al. The peopling of Europe and the cautionary tale of Y chromosome lineage R-M269. *Proceedings Biological sciences / The Royal Society*. 2012 Mar 7;279(1730):884-92. PubMed PMID: 21865258. Pubmed Central PMCID: PMC3259916. Epub 2011/08/26. eng.

25. Byrne EM, Gehrman PR, Medland SE, Nyholt DR, Heath AC, Madden PA, et al. A genome-wide association study of sleep habits and insomnia. *American journal of medical genetics Part B, Neuropsychiatric genetics : the official publication of the International Society of Psychiatric Genetics*. 2013 Jul;162B(5):439-51. PubMed PMID: 23728906. Pubmed Central PMCID: PMC4083458. Epub 2013/06/04. eng.

26. Cabrera CP, Navarro P, Huffman JE, Wright AF, Hayward C, Campbell H, et al. Uncovering networks from genome-wide association studies via circular genomic permutation. *G3 (Bethesda, Md)*. 2012 Sep;2(9):1067-75. PubMed PMID: 22973544. Pubmed Central PMCID: PMC3429921. Epub 2012/09/14. eng.

27. Campbell H, Carothers AD, Rudan I, Hayward C, Biloglav Z, Barac L, et al. Effects of genome-wide heterozygosity on a range of biomedically relevant human quantitative traits. *Human molecular genetics*. 2007 Jan 15;16(2):233-41. PubMed PMID: 17220173. Epub 2007/01/16. eng.

28. Campbell H, Rudan I. Interpretation of genetic association studies in complex disease. *The pharmacogenomics journal*. 2002;2(6):349-60. PubMed PMID: 12629506. Epub 2003/03/12. eng.

29. Campbell H, Rudan I, Bittles AH, Wright AF. Human population structure, genome autozygosity and human health. *Genome medicine*. 2009;1(9):91. PubMed PMID: 19804611. Pubmed Central PMCID: PMC2768998. Epub 2009/10/07. eng.

30. Carothers AD, Rudan I, Kolcic I, Polasek O, Hayward C, Wright AF, et al. Estimating human inbreeding coefficients: comparison of genealogical and marker heterozygosity approaches. *Annals of human genetics*. 2006 Sep;70(Pt 5):666-76. PubMed PMID: 16907711. Epub 2006/08/16. eng.

31. Carrasquillo MM, Belbin O, Zou F, Allen M, Ertekin-Taner N, Ansari M, et al. Concordant association of insulin degrading enzyme gene (IDE) variants with IDE mRNA, Aβ, and Alzheimer's disease. *PLoS one*. 2010;5(1):e8764. PubMed PMID: 20098734. Pubmed Central PMCID: PMC2808243. Epub 2010/01/26. eng.
32. Chambers JC, Zhang W, Sehmi J, Li X, Wass MN, Van der Harst P, et al. Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. *Nature genetics*. 2011 Nov;43(11):1131-8. PubMed PMID: 22001757. Pubmed Central PMCID: PMC3482372. Epub 2011/10/18. eng.
33. Chasman DI, Fuchsberger C, Pattaro C, Teumer A, Boger CA, Endlich K, et al. Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. *Human molecular genetics*. 2012 Dec 15;21(24):5329-43. PubMed PMID: 22962313. Pubmed Central PMCID: PMC3607468. Epub 2012/09/11. eng.
34. Chen W, Hayward C, Wright AF, Hicks AA, Vitart V, Knott S, et al. Copy number variation across European populations. *PLoS one*. 2011;6(8):e23087. PubMed PMID: 21829696. Pubmed Central PMCID: PMC3150386. Epub 2011/08/11. eng.
35. Cheng CY, Schache M, Ikram MK, Young TL, Guggenheim JA, Vitart V, et al. Nine loci for ocular axial length identified through genome-wide association studies, including shared loci with refractive error. *American journal of human genetics*. 2013 Aug 8;93(2):264-77. PubMed PMID: 24144296. Pubmed Central PMCID: PMC3772747. Epub 2013/10/23. eng.
36. Cho YS, Chen CH, Hu C, Long J, Ong RT, Sim X, et al. Meta-analysis of genome-wide association studies identifies eight new loci for type 2 diabetes in east Asians. *Nature genetics*. 2012 Jan;44(1):67-72. PubMed PMID: 22158537. Pubmed Central PMCID: PMC3582398. Epub 2011/12/14. eng.
37. Cousminer DL, Berry DJ, Timpson NJ, Ang W, Thiering E, Byrne EM, et al. Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. *Human molecular genetics*. 2013 Jul 1;22(13):2735-47. PubMed PMID: 23449627. Pubmed Central PMCID: PMC3674797. Epub 2013/03/02. eng.
38. Dastani Z, Hivert MF, Timpson N, Perry JR, Yuan X, Scott RA, et al. Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. *PLoS genetics*. 2012;8(3):e1002607. PubMed PMID: 22479202. Pubmed Central PMCID: PMC3315470. Epub 2012/04/06. eng.
39. Davies G, Armstrong N, Bis JC, Bressler J, Chouraki V, Giddaluru S, et al. Genetic contributions to variation in general cognitive function: a meta-analysis of genome-wide association studies in the CHARGE consortium (N=53949). *Molecular psychiatry*. 2015 Feb;20(2):183-92. PubMed PMID: 25644384. Pubmed Central PMCID: PMC4356746. Epub 2015/02/04. eng.
40. D'Adda S, Ibrahim Verbaas CA, Bressler J, Schuur M, Smith A, Bis JC, et al. Genome-wide Studies of Verbal Declarative Memory in Nondemented Older People: The Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. *Biological psychiatry*. 2015 Apr 15;77(8):749-63. PubMed PMID: 25648963. Epub 2015/02/05. eng.

41. Dehghan A, Dupuis J, Barbalic M, Bis JC, Eiriksdottir G, Lu C, et al. Meta-analysis of genome-wide association studies in >80 000 subjects identifies multiple loci for C-reactive protein levels. *Circulation*. 2011 Feb 22;123(7):731-8. PubMed PMID: 21300955. Pubmed Central PMCID: PMC3147232. Epub 2011/02/09. eng.
42. Demirkan A, Amin N, Isaacs A, Jarvelin MR, Whitfield JB, Wichmann HE, et al. Genetic architecture of circulating lipid levels. *European journal of human genetics : EJHG*. 2011 Jul;19(7):813-9. PubMed PMID: 21448234. Pubmed Central PMCID: PMC3137496. Epub 2011/03/31. eng.
43. Demirkan A, van Duijn CM, Ugocsai P, Isaacs A, Pramstaller PP, Liebisch G, et al. Genome-wide association study identifies novel loci associated with circulating phospho- and sphingolipid concentrations. *PLoS genetics*. 2012;8(2):e1002490. PubMed PMID: 22359512. Pubmed Central PMCID: PMC3280968. Epub 2012/02/24. eng.
44. den Hoed M, Eijgelsheim M, Esko T, Brundel BJ, Peal DS, Evans DM, et al. Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. *Nature genetics*. 2013 Jun;45(6):621-31. PubMed PMID: 23583979. Pubmed Central PMCID: PMC3696959. Epub 2013/04/16. eng.
45. Dharuri H, Henneman P, Demirkan A, van Klinken JB, Mook-Kanamori DO, Wang-Sattler R, et al. Automated workflow-based exploitation of pathway databases provides new insights into genetic associations of metabolite profiles. *BMC genomics*. 2013;14:865. PubMed PMID: 24320595. Pubmed Central PMCID: PMC3879060. Epub 2013/12/11. eng.
46. Do R, Willer CJ, Schmidt EM, Sengupta S, Gao C, Peloso GM, et al. Common variants associated with plasma triglycerides and risk for coronary artery disease. *Nature genetics*. 2013 Nov;45(11):1345-52. PubMed PMID: 24097064. Pubmed Central PMCID: PMC3904346. Epub 2013/10/08. eng.
47. Dupuis J, Langenberg C, Prokopenko I, Saxena R, Soranzo N, Jackson AU, et al. New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. *Nature genetics*. 2010 Feb;42(2):105-16. PubMed PMID: 20081858. Pubmed Central PMCID: PMC3018764. Epub 2010/01/19. eng.
48. Ehret GB, Munroe PB, Rice KM, Bochud M, Johnson AD, Chasman DI, et al. Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. *Nature*. 2011 Oct 6;478(7367):103-9. PubMed PMID: 21909115. Pubmed Central PMCID: PMC3340926. Epub 2011/09/13. eng.
49. Elks CE, Perry JR, Sulam P, Chasman DI, Franceschini N, He C, et al. Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. *Nature genetics*. 2010 Dec;42(12):1077-85. PubMed PMID: 21102462. Pubmed Central PMCID: PMC3140055. Epub 2010/11/26. eng.
50. Ellis JW, Chen MH, Foster MC, Liu CT, Larson MG, de Boer I, et al. Validated SNPs for eGFR and their associations with albuminuria. *Human molecular genetics*. 2012 Jul 15;21(14):3293-8. PubMed PMID: 22492995. Pubmed Central PMCID: PMC3491918. Epub 2012/04/12. eng.

51. Evans DM, Brion MJ, Paternoster L, Kemp JP, McMahon G, Munafò M, et al. Mining the human phenome using allelic scores that index biological intermediates. *PLoS genetics*. 2013 Oct;9(10):e1003919. PubMed PMID: 24204319. Pubmed Central PMCID: PMC3814299. Epub 2013/11/10. eng.
52. Fabregat-Traver D, Sharapov S, Hayward C, Rudan I, Campbell H, Aulchenko Y, et al. High-Performance Mixed Models Based Genome-Wide Association Analysis with omicABEL software. *F1000Research*. 2014;3:200. PubMed PMID: 25717363. Pubmed Central PMCID: PMC4329600. Epub 2015/02/27. eng.
53. Fernandez-Rhodes L, Demerath EW, Cousminer DL, Tao R, Dreyfus JG, Esko T, et al. Association of adiposity genetic variants with menarche timing in 92,105 women of European descent. *American journal of epidemiology*. 2013 Aug 1;178(3):451-60. PubMed PMID: 23558354. Pubmed Central PMCID: PMC3816344. Epub 2013/04/06. eng.
54. Fox CS, Liu Y, White CC, Feitosa M, Smith AV, Heard-Costa N, et al. Genome-wide association for abdominal subcutaneous and visceral adipose reveals a novel locus for visceral fat in women. *PLoS genetics*. 2012;8(5):e1002695. PubMed PMID: 22589738. Pubmed Central PMCID: PMC3349734. Epub 2012/05/17. eng.
55. Fox ER, Young JH, Li Y, Dreisbach AW, Keating BJ, Musani SK, et al. Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. *Human molecular genetics*. 2011 Jun 1;20(11):2273-84. PubMed PMID: 21378095. Pubmed Central PMCID: PMC3090190. Epub 2011/03/08. eng.
56. Franceschini N, van Rooij FJ, Prins BP, Feitosa MF, Karakas M, Eckfeldt JH, et al. Discovery and fine mapping of serum protein loci through transethnic meta-analysis. *American journal of human genetics*. 2012 Oct 5;91(4):744-53. PubMed PMID: 23022100. Pubmed Central PMCID: PMC3484648. Epub 2012/10/02. eng.
57. Franklin CS, Aulchenko YS, Huffman JE, Vitart V, Hayward C, Polasek O, et al. The TCF7L2 diabetes risk variant is associated with HbA(1)(C) levels: a genome-wide association meta-analysis. *Annals of human genetics*. 2010 Nov;74(6):471-8. PubMed PMID: 20849430. Epub 2010/09/21. eng.
58. Girotto G, Pirastu N, Sorice R, Biino G, Campbell H, d'Adamo AP, et al. Hearing function and thresholds: a genome-wide association study in European isolated populations identifies new loci and pathways. *Journal of medical genetics*. 2011 Jun;48(6):369-74. PubMed PMID: 21493956. Epub 2011/04/16. eng.
59. Glodzik D, Navarro P, Vitart V, Hayward C, McQuillan R, Wild SH, et al. Inference of identity by descent in population isolates and optimal sequencing studies. *European journal of human genetics : EJHG*. 2013 Oct;21(10):1140-5. PubMed PMID: 23361219. Pubmed Central PMCID: PMC3778345. Epub 2013/01/31. eng.
60. Gunjaca G, Boban M, Pehlic M, Zemunik T, Budimir D, Kolcic I, et al. Predictive value of 8 genetic loci for serum uric acid concentration. *Croatian medical journal*. 2010 Feb;51(1):23-31. PubMed PMID: 20162742. Pubmed Central PMCID: PMC2829178. Epub 2010/02/18. eng.

61. Gunjaca G, Jeroncic A, Budimir D, Mudnic I, Kolcic I, Polasek O, et al. A complex pattern of agreement between oscillometric and tonometric measurement of arterial stiffness in a population-based sample. *Journal of hypertension*. 2012 Jul;30(7):1444-52. PubMed PMID: 22573124. Epub 2012/05/11. eng.
62. Hara K, Fujita H, Johnson TA, Yamauchi T, Yasuda K, Horikoshi M, et al. Genome-wide association study identifies three novel loci for type 2 diabetes. *Human molecular genetics*. 2014 Jan 1;23(1):239-46. PubMed PMID: 23945395. Epub 2013/08/16. eng.
63. Hartz SM, Short SE, Saccone NL, Culverhouse R, Chen L, Schwantes-An TH, et al. Increased genetic vulnerability to smoking at CHRNA5 in early-onset smokers. *Archives of general psychiatry*. 2012 Aug;69(8):854-60. PubMed PMID: 22868939. Pubmed Central PMCID: PMC3482121. Epub 2012/08/08. eng.
64. Heard-Costa NL, Zillikens MC, Monda KL, Johansson A, Harris TB, Fu M, et al. NRXN3 is a novel locus for waist circumference: a genome-wide association study from the CHARGE Consortium. *PLoS genetics*. 2009 Jun;5(6):e1000539. PubMed PMID: 19557197. Pubmed Central PMCID: PMC2695005. Epub 2009/06/27. eng.
65. Heid IM, Jackson AU, Randall JC, Winkler TW, Qi L, Steinthorsdottir V, et al. Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. *Nature genetics*. 2010 Nov;42(11):949-60. PubMed PMID: 20935629. Pubmed Central PMCID: PMC3000924. Epub 2010/10/12. eng.
66. Hicks AA, Pramstaller PP, Johansson A, Vitart V, Rudan I, Ugoicsai P, et al. Genetic determinants of circulating sphingolipid concentrations in European populations. *PLoS genetics*. 2009 Oct;5(10):e1000672. PubMed PMID: 19798445. Pubmed Central PMCID: PMC2745562. Epub 2009/10/03. eng.
67. Hoggart CJ, Venturini G, Mangino M, Gomez F, Ascari G, Zhao JH, et al. Novel approach identifies SNPs in SLC2A10 and KCNK9 with evidence for parent-of-origin effect on body mass index. *PLoS genetics*. 2014 Jul;10(7):e1004508. PubMed PMID: 25078964. Pubmed Central PMCID: PMC4117451. Epub 2014/08/01. eng.
68. Hu YJ, Berndt SI, Gustafsson S, Ganna A, Hirschhorn J, North KE, et al. Meta-analysis of gene-level associations for rare variants based on single-variant statistics. *American journal of human genetics*. 2013 Aug 8;93(2):236-48. PubMed PMID: 23891470. Pubmed Central PMCID: PMC3738834. Epub 2013/07/31. eng.
69. Huang J, Huffman JE, Yamakuchi M, Trompet S, Asselbergs FW, Sabater-Lleal M, et al. Genome-wide association study for circulating tissue plasminogen activator levels and functional follow-up implicates endothelial STXBP5 and STX2. *Arteriosclerosis, thrombosis, and vascular biology*. 2014 May;34(5):1093-101. PubMed PMID: 24578379. Pubmed Central PMCID: PMC4009733. Epub 2014/03/01. eng.
70. Huffman JE, Albrecht E, Teumer A, Mangino M, Kapur K, Johnson T, et al. Modulation of genetic associations with serum urate levels by body-mass-index in humans. *PLoS one*.

2015;10(3):e0119752. PubMed PMID: 25811787. Pubmed Central PMCID: PMC4374966. Epub 2015/03/27. eng.

71. Huffman JE, Knezevic A, Vitart V, Kattla J, Adamczyk B, Novokmet M, et al. Polymorphisms in B3GAT1, SLC9A9 and MGAT5 are associated with variation within the human plasma N-glycome of 3533 European adults. *Human molecular genetics*. 2011 Dec 15;20(24):5000-11. PubMed PMID: 21908519. Epub 2011/09/13. eng.

72. Huffman JE, Pucic-Bakovic M, Klaric L, Hennig R, Selman MH, Vuckovic F, et al. Comparative performance of four methods for high-throughput glycosylation analysis of immunoglobulin G in genetic and epidemiological research. *Molecular & cellular proteomics : MCP*. 2014 Jun;13(6):1598-610. PubMed PMID: 24719452. Pubmed Central PMCID: PMC4047478. Epub 2014/04/11. eng.

73. Ibrahim-Verbaas CA, Bressler J, Debette S, Schuur M, Smith AV, Bis JC, et al. GWAS for executive function and processing speed suggests involvement of the CADM2 gene. *Molecular psychiatry*. 2015 Apr 14. PubMed PMID: 25869804. Epub 2015/04/15. Eng.

74. Igl W, Johansson A, Wilson JF, Wild SH, Polasek O, Hayward C, et al. Modeling of environmental effects in genome-wide association studies identifies SLC2A2 and HP as novel loci influencing serum cholesterol levels. *PLoS genetics*. 2010 Jan;6(1):e1000798. PubMed PMID: 20066028. Pubmed Central PMCID: PMC2792712. Epub 2010/01/13. eng.

75. Igl W, Polasek O, Gornik O, Knezevic A, Pucic M, Novokmet M, et al. Glycomics meets lipidomics--associations of N-glycans with classical lipids, glycerophospholipids, and sphingolipids in three European populations. *Molecular bioSystems*. 2011 Jun;7(6):1852-62. PubMed PMID: 21445428. Epub 2011/03/30. eng.

76. Imamura M, Maeda S, Yamauchi T, Hara K, Yasuda K, Morizono T, et al. A single-nucleotide polymorphism in ANK1 is associated with susceptibility to type 2 diabetes in Japanese populations. *Human molecular genetics*. 2012 Jul 1;21(13):3042-9. PubMed PMID: 22456796. Epub 2012/03/30. eng.

77. Johansson A, Marroni F, Hayward C, Franklin CS, Kirichenko AV, Jonasson I, et al. Common variants in the JAZF1 gene associated with height identified by linkage and genome-wide association analysis. *Human molecular genetics*. 2009 Jan 15;18(2):373-80. PubMed PMID: 18952825. Pubmed Central PMCID: PMC2638782. Epub 2008/10/28. eng.

78. Johansson A, Marroni F, Hayward C, Franklin CS, Kirichenko AV, Jonasson I, et al. Linkage and genome-wide association analysis of obesity-related phenotypes: association of weight with the MGAT1 gene. *Obesity (Silver Spring, Md)*. 2010 Apr;18(4):803-8. PubMed PMID: 19851299. Epub 2009/10/24. eng.

79. Joshi PK, Prendergast J, Fraser RM, Huffman JE, Vitart V, Hayward C, et al. Local exome sequences facilitate imputation of less common variants and increase power of genome wide association studies. *PLoS one*. 2013;8(7):e68604. PubMed PMID: 23874685. Pubmed Central PMCID: PMC3712964. Epub 2013/07/23. eng.

80. Kelly MA, Rees SD, Hydrie MZ, Shera AS, Bellary S, O'Hare JP, et al. Circadian gene variants and susceptibility to type 2 diabetes: a pilot study. *PloS one*. 2012;7(4):e32670. PubMed PMID: 22485135. Pubmed Central PMCID: PMC3317653. Epub 2012/04/10. eng.
81. Kestenbaum B, Glazer NL, Kottgen A, Felix JF, Hwang SJ, Liu Y, et al. Common genetic variants associate with serum phosphorus concentration. *Journal of the American Society of Nephrology : JASN*. 2010 Jul;21(7):1223-32. PubMed PMID: 20558539. Pubmed Central PMCID: PMC3152230. Epub 2010/06/19. eng.
82. Kilpelainen TO, Zillikens MC, Stancakova A, Finucane FM, Ried JS, Langenberg C, et al. Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. *Nature genetics*. 2011 Aug;43(8):753-60. PubMed PMID: 21706003. Pubmed Central PMCID: PMC3262230. Epub 2011/06/28. eng.
83. Klaric IM, Pericic M, Lauc LB, Janicijevic B, Kubat M, Pavicic D, et al. Genetic variation at nine short tandem repeat loci among islanders of the eastern Adriatic coast of Croatia. *Human biology*. 2005 Aug;77(4):471-86. PubMed PMID: 16485777. Epub 2006/02/21. eng.
84. Knezevic A, Gornik O, Polasek O, Pucic M, Redzic I, Novokmet M, et al. Effects of aging, body mass index, plasma lipid profiles, and smoking on human plasma N-glycans. *Glycobiology*. 2010 Aug;20(8):959-69. PubMed PMID: 20356825. Epub 2010/04/02. eng.
85. Knezevic A, Polasek O, Gornik O, Rudan I, Campbell H, Hayward C, et al. Variability, heritability and environmental determinants of human plasma N-glycome. *Journal of proteome research*. 2009 Feb;8(2):694-701. PubMed PMID: 19035662. Epub 2008/11/28. eng.
86. Kolcic I, Biloglav Z, Zgaga L, Jovic AV, Curic I, Curic S, et al. Prevalence of increased body weight and hypertension in the population of Croatian mainland and Adriatic Islands--are islanders really healthier? *Collegium antropologicum*. 2009 Apr;33 Suppl 1:135-40. PubMed PMID: 19563159. Epub 2009/07/01. eng.
87. Kolcic I, Vorko-Jovic A, Salzer B, Smoljanovic M, Kern J, Vuletic S. Metabolic syndrome in a metapopulation of Croatian island isolates. *Croatian medical journal*. 2006 Aug;47(4):585-92. PubMed PMID: 16909456. Pubmed Central PMCID: PMC2080447. Epub 2006/08/16. eng.
88. Kolz M, Johnson T, Sanna S, Teumer A, Vitart V, Perola M, et al. Meta-analysis of 28,141 individuals identifies common variants within five new loci that influence uric acid concentrations. *PLoS genetics*. 2009 Jun;5(6):e1000504. PubMed PMID: 19503597. Pubmed Central PMCID: PMC2683940. Epub 2009/06/09. eng.
89. Kong A, Steinthorsdottir V, Masson G, Thorleifsson G, Sulem P, Besenbacher S, et al. Parental origin of sequence variants associated with complex diseases. *Nature*. 2009 Dec 17;462(7275):868-74. PubMed PMID: 20016592. Pubmed Central PMCID: PMC3746295. Epub 2009/12/18. eng.
90. Kornfeld JW, Isaacs A, Vitart V, Pospisilik JA, Meitinger T, Gyllensten U, et al. Variants in STAT5B associate with serum TC and LDL-C levels. *The Journal of clinical endocrinology and metabolism*. 2011 Sep;96(9):E1496-501. PubMed PMID: 21752895. Epub 2011/07/15. eng.

91. Kottgen A, Albrecht E, Teumer A, Vitart V, Krumsiek J, Hundertmark C, et al. Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. *Nature genetics*. 2013 Feb;45(2):145-54. PubMed PMID: 23263486. Pubmed Central PMCID: PMC3663712. Epub 2012/12/25. eng.
92. Kottgen A, Pattaro C, Boger CA, Fuchsberger C, Olden M, Glazer NL, et al. New loci associated with kidney function and chronic kidney disease. *Nature genetics*. 2010 May;42(5):376-84. PubMed PMID: 20383146. Pubmed Central PMCID: PMC2997674. Epub 2010/04/13. eng.
93. Kristic J, Vuckovic F, Menni C, Klaric L, Keser T, Beceheli I, et al. Glycans are a novel biomarker of chronological and biological ages. *The journals of gerontology Series A, Biological sciences and medical sciences*. 2014 Jul;69(7):779-89. PubMed PMID: 24325898. Pubmed Central PMCID: PMC4049143. Epub 2013/12/12. eng.
94. Lange LA, Hu Y, Zhang H, Xue C, Schmidt EM, Tang ZZ, et al. Whole-exome sequencing identifies rare and low-frequency coding variants associated with LDL cholesterol. *American journal of human genetics*. 2014 Feb 6;94(2):233-45. PubMed PMID: 24507775. Pubmed Central PMCID: PMC3928660. Epub 2014/02/11. eng.
95. Lango Allen H, Estrada K, Lettre G, Berndt SI, Weedon MN, Rivadeneira F, et al. Hundreds of variants clustered in genomic loci and biological pathways affect human height. *Nature*. 2010 Oct 14;467(7317):832-8. PubMed PMID: 20881960. Pubmed Central PMCID: PMC2955183. Epub 2010/10/01. eng.
96. Lauc G, Essafi A, Huffman JE, Hayward C, Knezevic A, Kattla JJ, et al. Genomics meets glycomics-the first GWAS study of human N-Glycome identifies HNF1alpha as a master regulator of plasma protein fucosylation. *PLoS genetics*. 2010;6(12):e1001256. PubMed PMID: 21203500. Pubmed Central PMCID: PMC3009678. Epub 2011/01/05. eng.
97. Lauc G, Huffman JE, Pucic M, Zgaga L, Adamczyk B, Muzinic A, et al. Loci associated with N-glycosylation of human immunoglobulin G show pleiotropy with autoimmune diseases and haematological cancers. *PLoS genetics*. 2013;9(1):e1003225. PubMed PMID: 23382691. Pubmed Central PMCID: PMC3561084. Epub 2013/02/06. eng.
98. Lauc G, Rudan I, Campbell H, Rudd PM. Complex genetic regulation of protein glycosylation. *Molecular bioSystems*. 2010 Feb;6(2):329-35. PubMed PMID: 20094651. Epub 2010/01/23. eng.
99. Lauc T, Rudan P, Rudan I, Campbell H. Effect of inbreeding and endogamy on occlusal traits in human isolates. *Journal of orthodontics*. 2003 Dec;30(4):301-8; discussion 297. PubMed PMID: 14634168. Epub 2003/11/25. eng.
100. Lazaridis I, Patterson N, Mittnik A, Renaud G, Mallick S, Kirsanow K, et al. Ancient human genomes suggest three ancestral populations for present-day Europeans. *Nature*. 2014 Sep 18;513(7518):409-13. PubMed PMID: 25230663. Pubmed Central PMCID: PMC4170574. Epub 2014/09/19. eng.

101. Li H, Gan W, Lu L, Dong X, Han X, Hu C, et al. A genome-wide association study identifies GRK5 and RASGRP1 as type 2 diabetes loci in Chinese Hans. *Diabetes*. 2013 Jan;62(1):291-8. PubMed PMID: 22961080. Pubmed Central PMCID: PMC3526061. Epub 2012/09/11. eng.
102. Li Q, Wojciechowski R, Simpson CL, Hysi PG, Verhoeven VJ, Ikram MK, et al. Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. *Human genetics*. 2015 Feb;134(2):131-46. PubMed PMID: 25367360. Pubmed Central PMCID: PMC4291519. Epub 2014/11/05. eng.
103. Li Y, Wang W, van Velthoven MH, Chen L, Car J, Rudan I, et al. Text messaging data collection for monitoring an infant feeding intervention program in rural China: feasibility study. *Journal of medical Internet research*. 2013;15(12):e269. PubMed PMID: 24305514. Pubmed Central PMCID: PMC3869081. Epub 2013/12/07. eng.
104. Liu CT, Buchkovich ML, Winkler TW, Heid IM, Borecki IB, Fox CS, et al. Multi-ethnic fine-mapping of 14 central adiposity loci. *Human molecular genetics*. 2014 Sep 1;23(17):4738-44. PubMed PMID: 24760767. Pubmed Central PMCID: PMC4119415. Epub 2014/04/25. eng.
105. Liu JZ, Tozzi F, Waterworth DM, Pillai SG, Muglia P, Middleton L, et al. Meta-analysis and imputation refines the association of 15q25 with smoking quantity. *Nature genetics*. 2010 May;42(5):436-40. PubMed PMID: 20418889. Pubmed Central PMCID: PMC3612983. Epub 2010/04/27. eng.
106. Locke AE, Kahali B, Berndt SI, Justice AE, Pers TH, Day FR, et al. Genetic studies of body mass index yield new insights for obesity biology. *Nature*. 2015 Feb 12;518(7538):197-206. PubMed PMID: 25673413. Pubmed Central PMCID: PMC4382211. Epub 2015/02/13. eng.
107. Loth DW, Artigas MS, Gharib SA, Wain LV, Franceschini N, Koch B, et al. Genome-wide association analysis identifies six new loci associated with forced vital capacity. *Nature genetics*. 2014 Jul;46(7):669-77. PubMed PMID: 24929828. Pubmed Central PMCID: PMC4140093. Epub 2014/06/16. eng.
108. Lu JP, Knezevic A, Wang YX, Rudan I, Campbell H, Zou ZK, et al. Screening novel biomarkers for metabolic syndrome by profiling human plasma N-glycans in Chinese Han and Croatian populations. *Journal of proteome research*. 2011 Nov 4;10(11):4959-69. PubMed PMID: 21939225. Epub 2011/09/24. eng.
109. Lu Y, Vitart V, Burdon KP, Khor CC, Bykhovskaya Y, Mirshahi A, et al. Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. *Nature genetics*. 2013 Feb;45(2):155-63. PubMed PMID: 23291589. Pubmed Central PMCID: PMC3720123. Epub 2013/01/08. eng.
110. Luciano M, Huffman JE, Arias-Vasquez A, Vinkhuyzen AA, Middeldorp CM, Giegling I, et al. Genome-wide association uncovers shared genetic effects among personality traits and mood states. *American journal of medical genetics Part B, Neuropsychiatric genetics : the official publication of the International Society of Psychiatric Genetics*. 2012 Sep;159B(6):684-95. PubMed PMID: 22628180. Pubmed Central PMCID: PMC3795298. Epub 2012/05/26. eng.

111. Mahajan A, Go MJ, Zhang W, Below JE, Gaulton KJ, Ferreira T, et al. Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. *Nature genetics*. 2014 Mar;46(3):234-44. PubMed PMID: 24509480. Pubmed Central PMCID: PMC3969612. Epub 2014/02/11. eng.
112. Manning AK, Hivert MF, Scott RA, Grimsby JL, Bouatia-Naji N, Chen H, et al. A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycaemic traits and insulin resistance. *Nature genetics*. 2012 Jun;44(6):659-69. PubMed PMID: 22581228. Pubmed Central PMCID: PMC3613127. Epub 2012/05/15. eng.
113. Marquez M, Huyvaert M, Perry JR, Pearson RD, Falchi M, Morris AP, et al. Low-frequency variants in HMGA1 are not associated with type 2 diabetes risk. *Diabetes*. 2012 Feb;61(2):524-30. PubMed PMID: 22210315. Pubmed Central PMCID: PMC3266400. Epub 2012/01/03. eng.
114. Marroni F, Pfeufer A, Aulchenko YS, Franklin CS, Isaacs A, Pichler I, et al. A genome-wide association scan of RR and QT interval duration in 3 European genetically isolated populations: the EUROSPAN project. *Circulation Cardiovascular genetics*. 2009 Aug;2(4):322-8. PubMed PMID: 20031603. Pubmed Central PMCID: PMC2760953. Epub 2009/12/25. eng.
115. Mascalzoni D, Janssens AC, Stewart A, Pramstaller P, Gyllenstein U, Rudan I, et al. Comparison of participant information and informed consent forms of five European studies in genetic isolated populations. *European journal of human genetics : EJHG*. 2010 Mar;18(3):296-302. PubMed PMID: 19826451. Pubmed Central PMCID: PMC2987217. Epub 2009/10/15. eng.
116. McKeigue PM, Campbell H, Wild S, Vitart V, Hayward C, Rudan I, et al. Bayesian methods for instrumental variable analysis with genetic instruments ('Mendelian randomization'): example with urate transporter SLC2A9 as an instrumental variable for effect of urate levels on metabolic syndrome. *International journal of epidemiology*. 2010 Jun;39(3):907-18. PubMed PMID: 20348110. Pubmed Central PMCID: PMC2878456. Epub 2010/03/30. eng.
117. McQuillan R, Eklund N, Pirastu N, Kuningas M, McEvoy BP, Esko T, et al. Evidence of inbreeding depression on human height. *PLoS genetics*. 2012;8(7):e1002655. PubMed PMID: 22829771. Pubmed Central PMCID: PMC3400549. Epub 2012/07/26. eng.
118. McQuillan R, Leutenegger AL, Abdel-Rahman R, Franklin CS, Pericic M, Barac-Lauc L, et al. Runs of homozygosity in European populations. *American journal of human genetics*. 2008 Sep;83(3):359-72. PubMed PMID: 18760389. Pubmed Central PMCID: PMC2556426. Epub 2008/09/02. eng.
119. Miljkovic A, Kolcic I, Bras M, Hayward C, Polasek O. Heritability analysis suggests comparable genetic component of mechanical pain threshold and tolerance. *Pain medicine (Malden, Mass)*. 2012 Sep;13(9):1248-9. PubMed PMID: 22681047. Epub 2012/06/12. eng.
120. Miljkovic A, Pehlic M, Budimir D, Gunjaca G, Mudnic I, Pavic A, et al. Can genetics aggravate the health of isolated and remote populations? The case of gout, hyperuricaemia and osteoarthritis in Dalmatia. *Rural and remote health*. 2013 Apr-Jun;13(2):2153. PubMed PMID: 23534916. Epub 2013/03/29. eng.

121. Miljkovic A, Stipic A, Bras M, Dordevic V, Brajkovic L, Hayward C, et al. Is experimentally induced pain associated with socioeconomic status? Do poor people hurt more? *Medical science monitor : international medical journal of experimental and clinical research*. 2014;20:1232-8. PubMed PMID: 25029965. Pubmed Central PMCID: PMC4111652. Epub 2014/07/18. eng.
122. Miyake M, Yamashiro K, Tabara Y, Suda K, Morooka S, Nakanishi H, et al. Identification of myopia-associated WNT7B polymorphisms provides insights into the mechanism underlying the development of myopia. *Nature communications*. 2015;6:6689. PubMed PMID: 25823570. Epub 2015/04/01. eng.
123. Moayyeri A, Hsu YH, Karasik D, Estrada K, Xiao SM, Nielson C, et al. Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. *Human molecular genetics*. 2014 Jun 1;23(11):3054-68. PubMed PMID: 24430505. Pubmed Central PMCID: PMC4038791. Epub 2014/01/17. eng.
124. Murabito JM, White CC, Kavousi M, Sun YV, Feitosa MF, Nambi V, et al. Association between chromosome 9p21 variants and the ankle-brachial index identified by a meta-analysis of 21 genome-wide association studies. *Circulation Cardiovascular genetics*. 2012 Feb 1;5(1):100-12. PubMed PMID: 22199011. Pubmed Central PMCID: PMC3303225. Epub 2011/12/27. eng.
125. Nagamine Y, Pong-Wong R, Navarro P, Vitart V, Hayward C, Rudan I, et al. Localising loci underlying complex trait variation using Regional Genomic Relationship Mapping. *PloS one*. 2012;7(10):e46501. PubMed PMID: 23077511. Pubmed Central PMCID: PMC3471913. Epub 2012/10/19. eng.
126. Narancic NS, Rudan I. Endogamy and variation in blood pressure levels in Croatian island isolates. *Journal of physiological anthropology and applied human science*. 2001 Mar;20(2):85-94. PubMed PMID: 11385943. Epub 2001/06/02. eng.
127. Navarro P, Vitart V, Hayward C, Tenesa A, Zgaga L, Juricic D, et al. Genetic comparison of a Croatian isolate and CEPH European founders. *Genetic epidemiology*. 2010 Feb;34(2):140-5. PubMed PMID: 19697321. Pubmed Central PMCID: PMC2896723. Epub 2009/08/22. eng.
128. Nettleton JA, McKeown NM, Kanoni S, Lemaitre RN, Hivert MF, Ngwa J, et al. Interactions of dietary whole-grain intake with fasting glucose- and insulin-related genetic loci in individuals of European descent: a meta-analysis of 14 cohort studies. *Diabetes care*. 2010 Dec;33(12):2684-91. PubMed PMID: 20693352. Pubmed Central PMCID: PMC2992213. Epub 2010/08/10. eng.
129. Ng MC, Shriner D, Chen BH, Li J, Chen WM, Guo X, et al. Meta-analysis of genome-wide association studies in African Americans provides insights into the genetic architecture of type 2 diabetes. *PLoS genetics*. 2014 Aug;10(8):e1004517. PubMed PMID: 25102180. Pubmed Central PMCID: PMC4125087. Epub 2014/08/08. eng.
130. Nikolac Perkovic M, Pucic Bakovic M, Kristic J, Novokmet M, Huffman JE, Vitart V, et al. The association between galactosylation of immunoglobulin G and body mass index. *Progress in neuro-psychopharmacology & biological psychiatry*. 2014 Jan 3;48:20-5. PubMed PMID: 24012618. Epub 2013/09/10. eng.

131. Obeidat M, Wain LV, Shrine N, Kalsheker N, Soler Artigas M, Repapi E, et al. A comprehensive evaluation of potential lung function associated genes in the SpiroMeta general population sample. *PloS one*. 2011;6(5):e19382. PubMed PMID: 21625484. Pubmed Central PMCID: PMC3098839. Epub 2011/06/01. eng.
132. O'Connell J, Gurdasani D, Delaneau O, Pirastu N, Ulivi S, Cocca M, et al. A general approach for haplotype phasing across the full spectrum of relatedness. *PLoS genetics*. 2014 Apr;10(4):e1004234. PubMed PMID: 24743097. Pubmed Central PMCID: PMC3990520. Epub 2014/04/20. eng.
133. O'Dushlaine C, McQuillan R, Weale ME, Crouch DJ, Johansson A, Aulchenko Y, et al. Genes predict village of origin in rural Europe. *European journal of human genetics : EJHG*. 2010 Nov;18(11):1269-70. PubMed PMID: 20571506. Pubmed Central PMCID: PMC2987479. Epub 2010/06/24. eng.
134. Oexle K, Ried JS, Hicks AA, Tanaka T, Hayward C, Bruegel M, et al. Novel association to the proprotein convertase PCSK7 gene locus revealed by analysing soluble transferrin receptor (sTfR) levels. *Human molecular genetics*. 2011 Mar 1;20(5):1042-7. PubMed PMID: 21149283. Pubmed Central PMCID: PMC3033185. Epub 2010/12/15. eng.
135. Okada Y, Sim X, Go MJ, Wu JY, Gu D, Takeuchi F, et al. Meta-analysis identifies multiple loci associated with kidney function-related traits in east Asian populations. *Nature genetics*. 2012 Aug;44(8):904-9. PubMed PMID: 22797727. Epub 2012/07/17. eng.
136. Olden M, Corre T, Hayward C, Toniolo D, Ulivi S, Gasparini P, et al. Common variants in UMOD associate with urinary uromodulin levels: a meta-analysis. *Journal of the American Society of Nephrology : JASN*. 2014 Aug;25(8):1869-82. PubMed PMID: 24578125. Pubmed Central PMCID: PMC4116060. Epub 2014/03/01. eng.
137. O'Seaghdha CM, Wu H, Yang Q, Kapur K, Guessous I, Zuber AM, et al. Meta-analysis of genome-wide association studies identifies six new Loci for serum calcium concentrations. *PLoS genetics*. 2013;9(9):e1003796. PubMed PMID: 24068962. Pubmed Central PMCID: PMC3778004. Epub 2013/09/27. eng.
138. Palmer ND, McDonough CW, Hicks PJ, Roh BH, Wing MR, An SS, et al. A genome-wide association search for type 2 diabetes genes in African Americans. *PloS one*. 2012;7(1):e29202. PubMed PMID: 22238593. Pubmed Central PMCID: PMC3251563. Epub 2012/01/13. eng.
139. Parsa A, Fuchsberger C, Kottgen A, O'Seaghdha CM, Pattaro C, de Andrade M, et al. Common variants in Mendelian kidney disease genes and their association with renal function. *Journal of the American Society of Nephrology : JASN*. 2013 Dec;24(12):2105-17. PubMed PMID: 24029420. Pubmed Central PMCID: PMC3839542. Epub 2013/09/14. eng.
140. Pattaro C, Aulchenko YS, Isaacs A, Vitart V, Hayward C, Franklin CS, et al. Genome-wide linkage analysis of serum creatinine in three isolated European populations. *Kidney international*. 2009 Aug;76(3):297-306. PubMed PMID: 19387472. Epub 2009/04/24. eng.

141. Pattaro C, De Grandi A, Vitart V, Hayward C, Franke A, Aulchenko YS, et al. A meta-analysis of genome-wide data from five European isolates reveals an association of COL22A1, SYT1, and GABRR2 with serum creatinine level. *BMC medical genetics*. 2010;11:41. PubMed PMID: 20222955. Pubmed Central PMCID: PMC2848223. Epub 2010/03/13. eng.
142. Pattaro C, Kottgen A, Teumer A, Garnaas M, Boger CA, Fuchsberger C, et al. Genome-wide association and functional follow-up reveals new loci for kidney function. *PLoS genetics*. 2012;8(3):e1002584. PubMed PMID: 22479191. Pubmed Central PMCID: PMC3315455. Epub 2012/04/06. eng.
143. Peloso GM, Auer PL, Bis JC, Voorman A, Morrison AC, Stitzel NO, et al. Association of low-frequency and rare coding-sequence variants with blood lipids and coronary heart disease in 56,000 whites and blacks. *American journal of human genetics*. 2014 Feb 6;94(2):223-32. PubMed PMID: 24507774. Pubmed Central PMCID: PMC3928662. Epub 2014/02/11. eng.
144. Pericic M, Lauc LB, Klaric IM, Rootsi S, Janicijevic B, Rudan I, et al. High-resolution phylogenetic analysis of southeastern Europe traces major episodes of paternal gene flow among Slavic populations. *Molecular biology and evolution*. 2005 Oct;22(10):1964-75. PubMed PMID: 15944443. Epub 2005/06/10. eng.
145. Perry JR, Hsu YH, Chasman DI, Johnson AD, Elks C, Albrecht E, et al. DNA mismatch repair gene MSH6 implicated in determining age at natural menopause. *Human molecular genetics*. 2014 May 1;23(9):2490-7. PubMed PMID: 24357391. Pubmed Central PMCID: PMC3976329. Epub 2013/12/21. eng.
146. Perry JR, Voight BF, Yengo L, Amin N, Dupuis J, Ganser M, et al. Stratifying type 2 diabetes cases by BMI identifies genetic risk variants in LAMA1 and enrichment for risk variants in lean compared to obese cases. *PLoS genetics*. 2012 May;8(5):e1002741. PubMed PMID: 22693455. Pubmed Central PMCID: PMC3364960. Epub 2012/06/14. eng.
147. Pers TH, Karjalainen JM, Chan Y, Westra HJ, Wood AR, Yang J, et al. Biological interpretation of genome-wide association studies using predicted gene functions. *Nature communications*. 2015;6:5890. PubMed PMID: 25597830. Pubmed Central PMCID: PMC4420238. Epub 2015/01/20. eng.
148. Peyrot WJ, Lee SH, Milaneschi Y, Abdellaoui A, Byrne EM, Esko T, et al. The association between lower educational attainment and depression owing to shared genetic effects? Results in ~25 000 subjects. *Molecular psychiatry*. 2015 Apr 28. PubMed PMID: 25917368. Epub 2015/04/29. Eng.
149. Pivac N, Knezevic A, Gornik O, Pucic M, Igl W, Peeters H, et al. Human plasma glycome in attention-deficit hyperactivity disorder and autism spectrum disorders. *Molecular & cellular proteomics : MCP*. 2011 Jan;10(1):M110 004200. PubMed PMID: 20974899. Pubmed Central PMCID: PMC3013461. Epub 2010/10/27. eng.
150. Polasek O. Future of biobanks - bigger, longer, and more dimensional. *Croatian medical journal*. 2013 Oct 28;54(5):496-500. PubMed PMID: 24170729. Pubmed Central PMCID: PMC3816564. Epub 2013/10/31. eng.

151. Polasek O, Gunjaca G, Kolcic I, Zgaga L, Dzijan S, Smolic R, et al. Association of nephrolithiasis and gene for glucose transporter type 9 (SLC2A9): study of 145 patients. *Croatian medical journal*. 2010 Feb;51(1):48-53. PubMed PMID: 20162745. Pubmed Central PMCID: PMC2829176. Epub 2010/02/18. eng.
152. Polasek O, Hayward C, Bellenguez C, Vitart V, Kolcic I, McQuillan R, et al. Comparative assessment of methods for estimating individual genome-wide homozygosity-by-descent from human genomic data. *BMC genomics*. 2010;11:139. PubMed PMID: 20184767. Pubmed Central PMCID: PMC2848240. Epub 2010/02/27. eng.
153. Polasek O, Jeroncic I, Mulic R, Klismanic Z, Pehlic M, Zemunik T, et al. Common variants in SLC17A3 gene affect intra-personal variation in serum uric acid levels in longitudinal time series. *Croatian medical journal*. 2010 Feb;51(1):32-9. PubMed PMID: 20162743. Pubmed Central PMCID: PMC2829186. Epub 2010/02/18. eng.
154. Polasek O, Kolcic I, Smoljanovic A, Stojanovic D, Grgic M, Ebling B, et al. Demonstrating reduced environmental and genetic diversity in human isolates by analysis of blood lipid levels. *Croatian medical journal*. 2006 Aug;47(4):649-55. PubMed PMID: 16909463. Pubmed Central PMCID: PMC2080451. Epub 2006/08/16. eng.
155. Polasek O, Leutenegger AL, Gornik O, Zgaga L, Kolcic I, McQuillan R, et al. Does inbreeding affect N-glycosylation of human plasma proteins? *Molecular genetics and genomics : MGG*. 2011 May;285(5):427-32. PubMed PMID: 21487732. Epub 2011/04/14. eng.
156. Polasek O, Marusic A, Rotim K, Hayward C, Vitart V, Huffman J, et al. Genome-wide association study of anthropometric traits in Korcula Island, Croatia. *Croatian medical journal*. 2009 Feb;50(1):7-16. PubMed PMID: 19260139. Pubmed Central PMCID: PMC2657571. Epub 2009/03/05. eng.
157. Prudente S, Copetti M, Morini E, Mendonca C, Andreozzi F, Chandalia M, et al. The SH2B1 obesity locus and abnormal glucose homeostasis: lack of evidence for association from a meta-analysis in individuals of European ancestry. *Nutrition, metabolism, and cardiovascular diseases : NMCD*. 2013 Nov;23(11):1043-9. PubMed PMID: 24103803. Epub 2013/10/10. eng.
158. Pucic M, Knezevic A, Vidic J, Adamczyk B, Novokmet M, Polasek O, et al. High throughput isolation and glycosylation analysis of IgG-variability and heritability of the IgG glycome in three isolated human populations. *Molecular & cellular proteomics : MCP*. 2011 Oct;10(10):M111 010090. PubMed PMID: 21653738. Pubmed Central PMCID: PMC3205872. Epub 2011/06/10. eng.
159. Pucic M, Pinto S, Novokmet M, Knezevic A, Gornik O, Polasek O, et al. Common aberrations from the normal human plasma N-glycan profile. *Glycobiology*. 2010 Aug;20(8):970-5. PubMed PMID: 20378934. Epub 2010/04/10. eng.
160. Pulanic D, Polasek O, Petroveckii M, Vorko-Jovic A, Pericic M, Lauc LB, et al. Effects of isolation and inbreeding on human quantitative traits: an example of biochemical markers of hemostasis and inflammation. *Human biology*. 2008 Oct;80(5):513-33. PubMed PMID: 19341321. Epub 2009/04/04. eng.

161. Randall JC, Winkler TW, Kutalik Z, Berndt SI, Jackson AU, Monda KL, et al. Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. *PLoS genetics*. 2013 Jun;9(6):e1003500. PubMed PMID: 23754948. Pubmed Central PMCID: PMC3674993. Epub 2013/06/12. eng.
162. Repapi E, Sayers I, Wain LV, Burton PR, Johnson T, Obeidat M, et al. Genome-wide association study identifies five loci associated with lung function. *Nature genetics*. 2010 Jan;42(1):36-44. PubMed PMID: 20010834. Pubmed Central PMCID: PMC2862965. Epub 2009/12/17. eng.
163. Rietveld CA, Medland SE, Derringer J, Yang J, Esko T, Martin NW, et al. GWAS of 126,559 individuals identifies genetic variants associated with educational attainment. *Science (New York, NY)*. 2013 Jun 21;340(6139):1467-71. PubMed PMID: 23722424. Pubmed Central PMCID: PMC3751588. Epub 2013/06/01. eng.
164. Rudan D, Polasek O, Kolcic I, Rudan I. Uric acid: the past decade. *Croatian medical journal*. 2010 Feb;51(1):1-6. PubMed PMID: 20162739. Pubmed Central PMCID: PMC2829180. Epub 2010/02/18. eng.
165. Rudan I. Inbreeding and cancer incidence in human isolates. *Human biology*. 1999 Apr;71(2):173-87. PubMed PMID: 10222641. Epub 1999/05/01. eng.
166. Rudan I. Ancestral kinship and cancer in Lastovo Island, Croatia. *Human biology*. 2001 Dec;73(6):871-84. PubMed PMID: 11804202. Epub 2002/01/24. eng.
167. Rudan I. Health effects of human population isolation and admixture. *Croatian medical journal*. 2006 Aug;47(4):526-31. PubMed PMID: 16909449. Pubmed Central PMCID: PMC2080449. Epub 2006/08/16. eng.
168. Rudan I. Preventing inequity in international research. *Science (New York, NY)*. 2008 Mar 7;319(5868):1336-7; author reply -7. PubMed PMID: 18323433. Epub 2008/03/08. eng.
169. Rudan I, Biloglav Z, Carothers AD, Wright AF, Campbell H. Strategy for mapping quantitative trait loci (QTL) by using human metapopulations. *Croatian medical journal*. 2006 Aug;47(4):532-42. PubMed PMID: 16909450. Pubmed Central PMCID: PMC2080439. Epub 2006/08/16. eng.
170. Rudan I, Biloglav Z, Vorko-Jovic A, Kujundzic-Tiljak M, Stevanovic R, Ropac D, et al. Effects of inbreeding, endogamy, genetic admixture, and outbreeding on human health: a (1001 Dalmatians) study. *Croatian medical journal*. 2006 Aug;47(4):601-10. PubMed PMID: 16909458. Pubmed Central PMCID: PMC2080450. Epub 2006/08/16. eng.
171. Rudan I, Campbell H. Five reasons why inbreeding may have considerable effect on post-reproductive human health. *Collegium antropologicum*. 2004 Dec;28(2):943-50. PubMed PMID: 15666632. Epub 2005/01/26. eng.
172. Rudan I, Campbell H. The deadly toll of *S pneumoniae* and *H influenzae* type b. *Lancet*. 2009 Sep 12;374(9693):854-6. PubMed PMID: 19748384. Epub 2009/09/15. eng.

173. Rudan I, Campbell H, Carothers AD, Hastie ND, Wright AF. Contribution of consanguinity to polygenic and multifactorial diseases. *Nature genetics*. 2006 Nov;38(11):1224-5. PubMed PMID: 17072294. Epub 2006/10/31. eng.
174. Rudan I, Campbell H, Ranzani GN, Strnad M, Vorko-Jovic A, John V, et al. Cancer incidence in eastern Adriatic isolates, Croatia: examples from the islands of Krk, Cres, Losinj, Rab and Pag. *Collegium antropologicum*. 1999 Dec;23(2):547-56. PubMed PMID: 10646228. Epub 2000/01/26. eng.
175. Rudan I, Campbell H, Rudan P. Genetic epidemiological studies of eastern Adriatic Island isolates, Croatia: objective and strategies. *Collegium antropologicum*. 1999 Dec;23(2):531-46. PubMed PMID: 10646227. Epub 2000/01/26. eng.
176. Rudan I, Carothers AD, Polasek O, Hayward C, Vitart V, Biloglav Z, et al. Quantifying the increase in average human heterozygosity due to urbanisation. *European journal of human genetics* : EJHG. 2008 Sep;16(9):1097-102. PubMed PMID: 18322453. Epub 2008/03/07. eng.
177. Rudan I, Marusic A, Jankovic S, Rotim K, Boban M, Lauc G, et al. "10001 Dalmatians:" Croatia launches its national biobank. *Croatian medical journal*. 2009 Feb;50(1):4-6. PubMed PMID: 19260138. Pubmed Central PMCID: PMC2657560. Epub 2009/03/05. eng.
178. Rudan I, Padovan M, Rudan D, Campbell H, Biloglav Z, Janicjevic B, et al. Inbreeding and nephrolithiasis in Croatian island isolates. *Collegium antropologicum*. 2002 Jun;26(1):11-21. PubMed PMID: 12137291. Epub 2002/07/26. eng.
179. Rudan I, Ranzani GN, Strnad M, Vorko-Jovic A, John V, Unusic J, et al. Surname as 'cancer risk' in extreme isolates: example from the island of Lastovo, Croatia. *Collegium antropologicum*. 1999 Dec;23(2):557-69. PubMed PMID: 10646229. Epub 2000/01/26. eng.
180. Rudan I, Rudan D, Campbell H, Biloglav Z, Urek R, Padovan M, et al. Inbreeding and learning disability in Croatian island isolates. *Collegium antropologicum*. 2002 Dec;26(2):421-8. PubMed PMID: 12528265. Epub 2003/01/17. eng.
181. Rudan I, Rudan D, Campbell H, Carothers A, Wright A, Smolej-Narancic N, et al. Inbreeding and risk of late onset complex disease. *Journal of medical genetics*. 2003 Dec;40(12):925-32. PubMed PMID: 14684692. Pubmed Central PMCID: PMC1735350. Epub 2003/12/20. eng.
182. Rudan I, Rudan P. From genomic advances to public health benefits: the unbearable lightness of being stuck. *Collegium antropologicum*. 2004 Dec;28(2):483-507. PubMed PMID: 15666582. Epub 2005/01/26. eng.
183. Rudan I, Skaric-Juric T, Smolej-Narancic N, Janicjevic B, Rudan D, Klaric IM, et al. Inbreeding and susceptibility to osteoporosis in Croatian island isolates. *Collegium antropologicum*. 2004 Dec;28(2):585-601. PubMed PMID: 15666589. Epub 2005/01/26. eng.
184. Rudan I, Smolej-Narancic N, Campbell H, Carothers A, Wright A, Janicjevic B, et al. Inbreeding and the genetic complexity of human hypertension. *Genetics*. 2003 Mar;163(3):1011-21. PubMed PMID: 12663539. Pubmed Central PMCID: PMC1462484. Epub 2003/03/29. eng.

185. Rudan I, Stevanovic R, Vitart V, Vuletic G, Sibbett L, Vuletic S, et al. Lost in transition--the Island of Susak (1951-2001). *Collegium antropologicum*. 2004 Jun;28(1):403-21. PubMed PMID: 15636100. Epub 2005/01/08. eng.
186. Rudan P, Janicijevic B, Jovanovic V, Milicic J, Narancic NS, Sujoldzic A, et al. Holistic anthropological research of Hvar Islanders, Croatia--from parish registries to DNA studies in 33 years. *Collegium antropologicum*. 2004;28 Suppl 2:321-43. PubMed PMID: 15571107. Epub 2004/12/02. eng.
187. Rudd PM, Rudan I, Wright AF. High-throughput glycome analysis is set to join high-throughput genomics. *Journal of proteome research*. 2009 Mar;8(3):1105. PubMed PMID: 19193056. Epub 2009/02/06. eng.
188. Sabater-Lleal M, Huang J, Chasman D, Naitza S, Dehghan A, Johnson AD, et al. Multiethnic meta-analysis of genome-wide association studies in >100 000 subjects identifies 23 fibrinogen-associated Loci but no strong evidence of a causal association between circulating fibrinogen and cardiovascular disease. *Circulation*. 2013 Sep 17;128(12):1310-24. PubMed PMID: 23969696. Pubmed Central PMCID: PMC3842025. Epub 2013/08/24. eng.
189. Saldova R, Huffman JE, Adamczyk B, Muzinic A, Kattla JJ, Pucic M, et al. Association of medication with the human plasma N-glycome. *Journal of proteome research*. 2012 Mar 2;11(3):1821-31. PubMed PMID: 22256781. Epub 2012/01/20. eng.
190. Saxena R, Saleheen D, Been LF, Garavito ML, Braun T, Bjornes A, et al. Genome-wide association study identifies a novel locus contributing to type 2 diabetes susceptibility in Sikhs of Punjabi origin from India. *Diabetes*. 2013 May;62(5):1746-55. PubMed PMID: 23300278. Pubmed Central PMCID: PMC3636649. Epub 2013/01/10. eng.
191. Scott RA, Lagou V, Welch RP, Wheeler E, Montasser ME, Luan J, et al. Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. *Nature genetics*. 2012 Sep;44(9):991-1005. PubMed PMID: 22885924. Pubmed Central PMCID: PMC3433394. Epub 2012/08/14. eng.
192. Shungin D, Winkler TW, Croteau-Chonka DC, Ferreira T, Locke AE, Magi R, et al. New genetic loci link adipose and insulin biology to body fat distribution. *Nature*. 2015 Feb 12;518(7538):187-96. PubMed PMID: 25673412. Pubmed Central PMCID: PMC4338562. Epub 2015/02/13. eng.
193. Simpson CL, Wojciechowski R, Oexle K, Murgia F, Portas L, Li X, et al. Genome-wide meta-analysis of myopia and hyperopia provides evidence for replication of 11 loci. *PloS one*. 2014;9(9):e107110. PubMed PMID: 25233373. Pubmed Central PMCID: PMC4169415. Epub 2014/09/19. eng.
194. Sivakumaran S, Agakov F, Theodoratou E, Prendergast JG, Zgaga L, Manolio T, et al. Abundant pleiotropy in human complex diseases and traits. *American journal of human genetics*. 2011 Nov 11;89(5):607-18. PubMed PMID: 22077970. Pubmed Central PMCID: PMC3213397. Epub 2011/11/15. eng.

195. Small KS, Hedman AK, Grundberg E, Nica AC, Thorleifsson G, Kong A, et al. Identification of an imprinted master trans regulator at the KLF14 locus related to multiple metabolic phenotypes. *Nature genetics*. 2011 Jun;43(6):561-4. PubMed PMID: 21572415. Pubmed Central PMCID: PMC3192952. Epub 2011/05/17. eng.
196. Smith NL, Chen MH, Dehghan A, Strachan DP, Basu S, Soranzo N, et al. Novel associations of multiple genetic loci with plasma levels of factor VII, factor VIII, and von Willebrand factor: The CHARGE (Cohorts for Heart and Aging Research in Genome Epidemiology) Consortium. *Circulation*. 2010 Mar 30;121(12):1382-92. PubMed PMID: 20231535. Pubmed Central PMCID: PMC2861278. Epub 2010/03/17. eng.
197. Smith NL, Huffman JE, Strachan DP, Huang J, Dehghan A, Trompet S, et al. Genetic predictors of fibrin D-dimer levels in healthy adults. *Circulation*. 2011 May 3;123(17):1864-72. PubMed PMID: 21502573. Pubmed Central PMCID: PMC3095913. Epub 2011/04/20. eng.
198. Smoljanovic A, Vorko-Jovic A, Kolcic I, Bernat R, Stojanovic D, Polasek O. Micro-scale socioeconomic inequalities and health indicators in a small isolated community of Vis Island, Croatia. *Croatian medical journal*. 2007 Oct;48(5):734-40. PubMed PMID: 17948960. Pubmed Central PMCID: PMC2205977. Epub 2007/10/24. eng.
199. Soler Artigas M, Loth DW, Wain LV, Gharib SA, Obeidat M, Tang W, et al. Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. *Nature genetics*. 2011 Nov;43(11):1082-90. PubMed PMID: 21946350. Pubmed Central PMCID: PMC3267376. Epub 2011/09/29. eng.
200. Soranzo N, Sanna S, Wheeler E, Gieger C, Radke D, Dupuis J, et al. Common variants at 10 genomic loci influence hemoglobin A(1)(C) levels via glyceimic and nonglyceimic pathways. *Diabetes*. 2010 Dec;59(12):3229-39. PubMed PMID: 20858683. Pubmed Central PMCID: PMC2992787. Epub 2010/09/23. eng.
201. Sotoodehnia N, Isaacs A, de Bakker PI, Dorr M, Newton-Cheh C, Nolte IM, et al. Common variants in 22 loci are associated with QRS duration and cardiac ventricular conduction. *Nature genetics*. 2010 Dec;42(12):1068-76. PubMed PMID: 21076409. Pubmed Central PMCID: PMC3338195. Epub 2010/11/16. eng.
202. Speliotes EK, Willer CJ, Berndt SI, Monda KL, Thorleifsson G, Jackson AU, et al. Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature genetics*. 2010 Nov;42(11):937-48. PubMed PMID: 20935630. Pubmed Central PMCID: PMC3014648. Epub 2010/10/12. eng.
203. Speliotes EK, Yerges-Armstrong LM, Wu J, Hernaez R, Kim LJ, Palmer CD, et al. Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. *PLoS genetics*. 2011 Mar;7(3):e1001324. PubMed PMID: 21423719. Pubmed Central PMCID: PMC3053321. Epub 2011/03/23. eng.
204. Spiliopoulou A, Nagy R, Bermingham ML, Huffman JE, Hayward C, Vitart V, et al. Genomic prediction of complex human traits: relatedness, trait architecture, and predictive meta-models. *Human molecular genetics*. 2015 Apr 26. PubMed PMID: 25918167. Epub 2015/04/29. Eng.

205. Stahl EA, Wegmann D, Trynka G, Gutierrez-Achury J, Do R, Voight BF, et al. Bayesian inference analyses of the polygenic architecture of rheumatoid arthritis. *Nature genetics*. 2012 May;44(5):483-9. PubMed PMID: 22446960. Pubmed Central PMCID: PMC3454878. Epub 2012/03/27. eng.
206. Stambolian D, Wojciechowski R, Oexle K, Pirastu M, Li X, Raffel LJ, et al. Meta-analysis of genome-wide association studies in five cohorts reveals common variants in *RBFOX1*, a regulator of tissue-specific splicing, associated with refractive error. *Human molecular genetics*. 2013 Jul 1;22(13):2754-64. PubMed PMID: 23474815. Pubmed Central PMCID: PMC3674806. Epub 2013/03/12. eng.
207. Stipic A, Coric T, Erceg M, Mihanovic F, Kolcic I, Polasek O. Socioeconomic inequalities show remarkably poor association with health and disease in Southern Croatia. *International journal of public health*. 2015 May;60(4):417-26. PubMed PMID: 25732703. Epub 2015/03/04. eng.
208. Stolk L, Perry JR, Chasman DI, He C, Mangino M, Sulem P, et al. Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. *Nature genetics*. 2012 Mar;44(3):260-8. PubMed PMID: 22267201. Pubmed Central PMCID: PMC3288642. Epub 2012/01/24. eng.
209. Strawbridge RJ, Dupuis J, Prokopenko I, Barker A, Ahlqvist E, Rybin D, et al. Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. *Diabetes*. 2011 Oct;60(10):2624-34. PubMed PMID: 21873549. Pubmed Central PMCID: PMC3178302. Epub 2011/08/30. eng.
210. Surakka I, Isaacs A, Karssen LC, Laurila PP, Middelberg RP, Tikkanen E, et al. A genome-wide screen for interactions reveals a new locus on 4p15 modifying the effect of waist-to-hip ratio on total cholesterol. *PLoS genetics*. 2011 Oct;7(10):e1002333. PubMed PMID: 22028671. Pubmed Central PMCID: PMC3197672. Epub 2011/10/27. eng.
211. Tabassum R, Chauhan G, Dwivedi OP, Mahajan A, Jaiswal A, Kaur I, et al. Genome-wide association study for type 2 diabetes in Indians identifies a new susceptibility locus at 2q21. *Diabetes*. 2013 Mar;62(3):977-86. PubMed PMID: 23209189. Pubmed Central PMCID: PMC3581193. Epub 2012/12/05. eng.
212. Teslovich TM, Musunuru K, Smith AV, Edmondson AC, Stylianou IM, Koseki M, et al. Biological, clinical and population relevance of 95 loci for blood lipids. *Nature*. 2010 Aug 5;466(7307):707-13. PubMed PMID: 20686565. Pubmed Central PMCID: PMC3039276. Epub 2010/08/06. eng.
213. Thanabalasingham G, Huffman JE, Kattla JJ, Novokmet M, Rudan I, Gloyn AL, et al. Mutations in *HNF1A* result in marked alterations of plasma glycan profile. *Diabetes*. 2013 Apr;62(4):1329-37. PubMed PMID: 23274891. Pubmed Central PMCID: PMC3609552. Epub 2013/01/01. eng.
214. Theodoratou E, Campbell H, Ventham NT, Kolarich D, Pucic-Bakovic M, Zoldos V, et al. The role of glycosylation in IBD. *Nature reviews Gastroenterology & hepatology*. 2014 Oct;11(10):588-600. PubMed PMID: 24912389. Epub 2014/06/11. eng.

215. Thorgeirsson TE, Gudbjartsson DF, Sulem P, Besenbacher S, Styrkarsdottir U, Thorleifsson G, et al. A common biological basis of obesity and nicotine addiction. *Translational psychiatry*. 2013;3:e308. PubMed PMID: 24084939. Pubmed Central PMCID: PMC3818010. Epub 2013/10/03. eng.
216. Thun GA, Imboden M, Ferrarotti I, Kumar A, Obeidat M, Zorzetto M, et al. Causal and synthetic associations of variants in the SERPINA gene cluster with alpha1-antitrypsin serum levels. *PLoS genetics*. 2013;9(8):e1003585. PubMed PMID: 23990791. Pubmed Central PMCID: PMC3749935. Epub 2013/08/31. eng.
217. Tolk HV, Barac L, Pericic M, Klaric IM, Janicijevic B, Campbell H, et al. The evidence of mtDNA haplogroup F in a European population and its ethnohistoric implications. *European journal of human genetics : EJHG*. 2001 Sep;9(9):717-23. PubMed PMID: 11571562. Epub 2001/09/26. eng.
218. Tolk HV, Pericic M, Barac L, Klaric IM, Janicijevic B, Rudan I, et al. MtDNA haplogroups in the populations of Croatian Adriatic Islands. *Collegium antropologicum*. 2000 Dec;24(2):267-80. PubMed PMID: 11216393. Epub 2001/02/24. eng.
219. Uemoto Y, Pong-Wong R, Navarro P, Vitart V, Hayward C, Wilson JF, et al. The power of regional heritability analysis for rare and common variant detection: simulations and application to eye biometrical traits. *Frontiers in genetics*. 2013;4:232. PubMed PMID: 24312116. Pubmed Central PMCID: PMC3832942. Epub 2013/12/07. eng.
220. van den Berg SM, de Moor MH, McGue M, Pettersson E, Terracciano A, Verweij KJ, et al. Harmonization of Neuroticism and Extraversion phenotypes across inventories and cohorts in the Genetics of Personality Consortium: an application of Item Response Theory. *Behavior genetics*. 2014 Jul;44(4):295-313. PubMed PMID: 24828478. Pubmed Central PMCID: PMC4057636. Epub 2014/05/16. eng.
221. van Leeuwen EM, Karssen LC, Deelen J, Isaacs A, Medina-Gomez C, Mbarek H, et al. Genome of The Netherlands population-specific imputations identify an ABCA6 variant associated with cholesterol levels. *Nature communications*. 2015;6:6065. PubMed PMID: 25751400. Pubmed Central PMCID: PMC4366498. Epub 2015/03/10. eng.
222. Verhoeven VJ, Hysi PG, Saw SM, Vitart V, Mirshahi A, Guggenheim JA, et al. Large scale international replication and meta-analysis study confirms association of the 15q14 locus with myopia. The CREAM consortium. *Human genetics*. 2012 Sep;131(9):1467-80. PubMed PMID: 22665138. Pubmed Central PMCID: PMC3418496. Epub 2012/06/06. eng.
223. Verhoeven VJ, Hysi PG, Wojciechowski R, Fan Q, Guggenheim JA, Hohn R, et al. Genome-wide meta-analyses of multiethnicity cohorts identify multiple new susceptibility loci for refractive error and myopia. *Nature genetics*. 2013 Mar;45(3):314-8. PubMed PMID: 23396134. Pubmed Central PMCID: PMC3740568. Epub 2013/02/12. eng.
224. Vimalaswaran KS, Berry DJ, Lu C, Tikkanen E, Pilz S, Hiraki LT, et al. Causal relationship between obesity and vitamin D status: bi-directional Mendelian randomization analysis of multiple cohorts. *PLoS medicine*. 2013;10(2):e1001383. PubMed PMID: 23393431. Pubmed Central PMCID: PMC3564800. Epub 2013/02/09. eng.

225. Vimalaswaran KS, Cavadino A, Berry DJ, Jorde R, Dieffenbach AK, Lu C, et al. Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. *The lancet Diabetes & endocrinology*. 2014 Sep;2(9):719-29. PubMed PMID: 24974252. Epub 2014/06/30. eng.
226. Vitart V, Bencic G, Hayward C, Herman JS, Huffman J, Campbell S, et al. Heritabilities of ocular biometrical traits in two croatian isolates with extended pedigrees. *Investigative ophthalmology & visual science*. 2010 Feb;51(2):737-43. PubMed PMID: 19875653. Pubmed Central PMCID: PMC2868464. Epub 2009/10/31. eng.
227. Vitart V, Bencic G, Hayward C, Skunca Herman J, Huffman J, Campbell S, et al. New loci associated with central cornea thickness include COL5A1, AKAP13 and AVGR8. *Human molecular genetics*. 2010 Nov 1;19(21):4304-11. PubMed PMID: 20719862. Epub 2010/08/20. eng.
228. Vitart V, Biloglav Z, Hayward C, Janicijevic B, Smolej-Narancic N, Barac L, et al. 3000 years of solitude: extreme differentiation in the island isolates of Dalmatia, Croatia. *European journal of human genetics : EJHG*. 2006 Apr;14(4):478-87. PubMed PMID: 16493443. Epub 2006/02/24. eng.
229. Vitart V, Rudan I, Hayward C, Gray NK, Floyd J, Palmer CN, et al. SLC2A9 is a newly identified urate transporter influencing serum urate concentration, urate excretion and gout. *Nature genetics*. 2008 Apr;40(4):437-42. PubMed PMID: 18327257. Epub 2008/03/11. eng.
230. Voight BF, Scott LJ, Steinthorsdottir V, Morris AP, Dina C, Welch RP, et al. Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. *Nature genetics*. 2010 Jul;42(7):579-89. PubMed PMID: 20581827. Pubmed Central PMCID: PMC3080658. Epub 2010/06/29. eng.
231. Wain LV, Verwoert GC, O'Reilly PF, Shi G, Johnson T, Johnson AD, et al. Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. *Nature genetics*. 2011 Oct;43(10):1005-11. PubMed PMID: 21909110. Pubmed Central PMCID: PMC3445021. Epub 2011/09/13. eng.
232. Wei W, Hemani G, Hicks AA, Vitart V, Cabrera-Cardenas C, Navarro P, et al. Characterisation of genome-wide association epistasis signals for serum uric acid in human population isolates. *PLoS one*. 2011;6(8):e23836. PubMed PMID: 21886828. Pubmed Central PMCID: PMC3158795. Epub 2011/09/03. eng.
233. Wei WH, Hemani G, Gyenesei A, Vitart V, Navarro P, Hayward C, et al. Genome-wide analysis of epistasis in body mass index using multiple human populations. *European journal of human genetics : EJHG*. 2012 Aug;20(8):857-62. PubMed PMID: 22333899. Pubmed Central PMCID: PMC3400731. Epub 2012/02/16. eng.
234. Wessel J, Chu AY, Willems SM, Wang S, Yaghoobkar H, Brody JA, et al. Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. *Nature communications*. 2015;6:5897. PubMed PMID: 25631608. Pubmed Central PMCID: PMC4311266. Epub 2015/01/30. eng.

235. Willer CJ, Schmidt EM, Sengupta S, Peloso GM, Gustafsson S, Kanoni S, et al. Discovery and refinement of loci associated with lipid levels. *Nature genetics*. 2013 Nov;45(11):1274-83. PubMed PMID: 24097068. Pubmed Central PMCID: PMC3838666. Epub 2013/10/08. eng.
236. Winkler TW, Day FR, Croteau-Chonka DC, Wood AR, Locke AE, Magi R, et al. Quality control and conduct of genome-wide association meta-analyses. *Nature protocols*. 2014 May;9(5):1192-212. PubMed PMID: 24762786. Pubmed Central PMCID: PMC4083217. Epub 2014/04/26. eng.
237. Wolber LE, Girotto G, Buniello A, Vuckovic D, Pirastu N, Lorente-Canovas B, et al. Salt-inducible kinase 3, SIK3, is a new gene associated with hearing. *Human molecular genetics*. 2014 Dec 1;23(23):6407-18. PubMed PMID: 25060954. Pubmed Central PMCID: PMC4222365. Epub 2014/07/26. eng.
238. Wood AR, Esko T, Yang J, Vedantam S, Pers TH, Gustafsson S, et al. Defining the role of common variation in the genomic and biological architecture of adult human height. *Nature genetics*. 2014 Nov;46(11):1173-86. PubMed PMID: 25282103. Pubmed Central PMCID: PMC4250049. Epub 2014/10/06. eng.
239. Wright A, Charlesworth B, Rudan I, Carothers A, Campbell H. A polygenic basis for late-onset disease. *Trends in genetics : TIG*. 2003 Feb;19(2):97-106. PubMed PMID: 12547519. Epub 2003/01/28. eng.
240. Wright AF, Rudan I, Hastie ND, Campbell H. A 'complexity' of urate transporters. *Kidney international*. 2010 Sep;78(5):446-52. PubMed PMID: 20613716. Epub 2010/07/09. eng.
241. Yang J, Loos RJ, Powell JE, Medland SE, Speliotes EK, Chasman DI, et al. FTO genotype is associated with phenotypic variability of body mass index. *Nature*. 2012 Oct 11;490(7419):267-72. PubMed PMID: 22982992. Pubmed Central PMCID: PMC3564953. Epub 2012/09/18. eng.
242. Zaboli G, Ameer A, Igl W, Johansson A, Hayward C, Vitart V, et al. Sequencing of high-complexity DNA pools for identification of nucleotide and structural variants in regions associated with complex traits. *European journal of human genetics : EJHG*. 2012 Jan;20(1):77-83. PubMed PMID: 21811304. Pubmed Central PMCID: PMC3234506. Epub 2011/08/04. eng.
243. Zemunik T, Boban M, Lauc G, Jankovic S, Rotim K, Vatauvuk Z, et al. Genome-wide association study of biochemical traits in Korcula Island, Croatia. *Croatian medical journal*. 2009 Feb;50(1):23-33. PubMed PMID: 19260141. Pubmed Central PMCID: PMC2657564. Epub 2009/03/05. eng.
244. Zgaga L, Hayward C, Vatauvuk Z, Bencic G, Zemunik T, Valkovic A, et al. High prevalence of glaucoma in Veli Brgud, Croatia, is caused by a dominantly inherited T377M mutation in the MYOC gene. *The British journal of ophthalmology*. 2008 Nov;92(11):1567-8. PubMed PMID: 18952665. Epub 2008/10/28. eng.
245. Zgaga L, Theodoratou E, Kyle J, Farrington SM, Agakov F, Tenesa A, et al. The association of dietary intake of purine-rich vegetables, sugar-sweetened beverages and dairy with plasma urate, in a cross-sectional study. *PloS one*. 2012;7(6):e38123. PubMed PMID: 22701608. Pubmed Central PMCID: PMC3368949. Epub 2012/06/16. eng.

246. Zgaga L, Vitart V, Hayward C, Kastelan D, Polasek O, Jakovljevic M, et al. Individual multi-locus heterozygosity is associated with lower morning plasma cortisol concentrations. *European journal of endocrinology / European Federation of Endocrine Societies*. 2013 Jul;169(1):59-64. PubMed PMID: 23636447. Epub 2013/05/03. eng.
247. Zhu H, Shyh-Chang N, Segre AV, Shinoda G, Shah SP, Einhorn WS, et al. The Lin28/let-7 axis regulates glucose metabolism. *Cell*. 2011 Sep 30;147(1):81-94. PubMed PMID: 21962509. Pubmed Central PMCID: PMC3353524. Epub 2011/10/04. eng.
248. Zoldos V, Horvat T, Novokmet M, Cuenin C, Muzinic A, Pucic M, et al. Epigenetic silencing of HNF1A associates with changes in the composition of the human plasma N-glycome. *Epigenetics : official journal of the DNA Methylation Society*. 2012 Feb;7(2):164-72. PubMed PMID: 22395466. Pubmed Central PMCID: PMC3335910. Epub 2012/03/08. eng.