

## **2014 MEC PUBLICATIONS**

1. Agarwal D, Pineda S, Michailidou K, Herranz J, Pita G, Moreno LT, Alonso MR, Dennis J, Wang Q, Bolla MK, Meyer KB, Menendez-Rodriguez P, Hardisson D, Mendiola M, Gonzalez-Neira A, Lindblom A, Margolin S, Swerdlow A, Ashworth A, Orr N, Jones M, Matsuo K, Ito H, Iwata H, Kondo N, kConFab I, Australian Ovarian Cancer Study G, Hartman M, Hui M, Lim WY, Iau PT, Sawyer E, Tomlinson I, Kerin M, Miller N, Kang D, Choi J, Park SK, Noh D, Hopper JL, Schmidt DF, Makalic E, Southey MC, Teo SH, Yip CH, Sivanandan K, Tay W, Brauch H, Bruning T, Hamann U, Network G, Dunning AM, Shah M, Andrulis IL, Knight JA, Glendon G, Tchatchou S, Schmidt MK, Broeks A, Rosenberg EH, van't Veer LJ, Fasching PA, Renner SP, Ekici AB, Beckmann MW, Shen C, Hsiung C, Yu J, Hou M, Blot W, Cai Q, Wu AH, Tseng C, Van Den Berg D, Stram DO, Cox A, Brock IW, Reed MW, Muir K, Lophatananon A, Stewart-Brown S, Siriwanarangsarn P, Zheng W, Deming-Halverson S, Shrubsole MJ, Long J, Shu X, Lu W, Gao Y, Zhang B, Radice P, Peterlongo P, Manoukian S, Mariette F, Sangrajang S, McKay J, Couch FJ, Toland AE, Tnbc, Yannoukakos D, Fletcher O, Johnson N, dos Santos Silva I, Peto J, Marme F, Burwinkel B, Guenel P, Truong T, Sanchez M, Mulot C, Bojesen SE, Nordestgaard BG, Flyer H, Brenner H, Dieffenbach AK, Arndt V, Stegmaier C, Mannermaa A, Kataja V, Kosma V, Hartikainen JM, Lambrechts D, Yesilyurt BT, Floris G, Leunen K, Chang-Claude J, Rudolph A, Seibold P, Flesch-Janys D, Wang X, Olson JE, Vachon C, Purrington K, Giles GG, Severi G, Baglietto L, Haiman CA, Henderson BE, Schumacher F, Marchand LL, Simard J, Dumont M, Goldberg MS, Labreche F, Winqvist R, Pylkas K, Jukkola-Vuorinen A, Grip M, Devilee P, Tollenaar RA, Seynaeve C, Garcia-Closas M, Chanock SJ, Lissowska J, Figueroa JD, Czene K, Eriksson M, Humphreys K, Darabi H, Hooning MJ, Krieger M, Collee JM, Tilanus-Linthorst M, Li J, Jakubowska A, Lubinski J, Jaworska-Bieniek K, Durda K, Nevanlinna H, Muranen TA, Aittomaki K, Blomqvist C, Bogdanova N, Dork T, Hall P, Chenevix-Trench G, Easton DF, Pharoah PD, Arias-Perez JL, Zamora P, Benitez J, Milne RL. FGF receptor genes and breast cancer susceptibility: results from the Breast Cancer Association Consortium. *Br J Cancer*. 2014;110(4):1088-100. Epub 2014/02/20. doi: 10.1038/bjc.2013.769. PubMed PMID: 24548884; PMCID: PMC3929867.
2. Al Olama AA, Kote-Jarai Z, Berndt SI, Conti DV, Schumacher F, Han Y, Benlloch S, Hazelett DJ, Wang Z, Saunders E, Leongamornlert D, Lindstrom S, Jugurnauth-Little S, Dadaev T, Tymrakiewicz M, Stram DO, Rand K, Wan P, Stram A, Sheng X, Pooler LC, Park K, Xia L, Tyrer J, Kolonel LN, Le Marchand L, Hoover RN, Machiela MJ, Yeager M, Burdette L, Chung CC, Hutchinson A, Yu K, Goh C, Ahmed M, Govindasami K, Guy M, Tammela TL, Auvinen A, Wahlfors T, Schleutker J, Visakorpi T, Leinonen KA, Xu J, Aly M, Donovan J, Travis RC, Key TJ, Siddiq A, Canzian F, Khaw KT, Takahashi A, Kubo M, Pharoah P, Pashayan N, Weischer M, Nordestgaard BG, Nielsen SF, Klarskov P, Roder MA, Iversen P, Thibodeau SN, McDonnell SK, Schaid DJ, Stanford JL, Kolb S, Holt S, Knudsen B, Coll AH, Gapstur SM, Diver WR, Stevens VL, Maier C, Luedeke M, Herkommer K, Rinckleb AE, Strom SS, Pettaway C, Yeboah ED, Tettey Y, Biritwum RB, Adjei AA, Tay E, Truelove A, Niwa S, Chokkalingam AP, Cannon-Albright L, Cybulski C, Wokolorczyk D, Kluzniak W, Park J, Sellers T, Lin HY, Isaacs WB, Partin AW, Brenner H, Dieffenbach AK, Stegmaier C, Chen C, Giovannucci EL, Ma J, Stampfer M, Penney KL, Mucci L, John EM, Ingles SA, Kittles RA, Murphy AB, Pandha H,

- Michael A, Kierzek AM, Blot W, Signorello LB, Zheng W, Albanes D, Virtamo J, Weinstein S, Nemesure B, Carpten J, Leske C, Wu SY, Hennis A, Kibel AS, Rybicki BA, Neslund-Dudas C, Hsing AW, Chu L, Goodman PJ, Klein EA, Zheng SL, Batra J, Clements J, Spurdle A, Teixeira MR, Paulo P, Maia S, Slavov C, Kaneva R, Mitev V, Witte JS, Casey G, Gillanders EM, Seminara D, Riboli E, Hamdy FC, Coetzee GA, Li Q, Freedman ML, Hunter DJ, Muir K, Gronberg H, Neal DE, Southey M, Giles GG, Severi G, Breast, Prostate Cancer Cohort C, Consortium P, Consortium C, Consortium G-OE, Cook MB, Nakagawa H, Wiklund F, Kraft P, Chanock SJ, Henderson BE, Easton DF, Eeles RA, Haiman CA. A meta-analysis of 87,040 individuals identifies 23 new susceptibility loci for prostate cancer. *Nat Genet.* 2014;46(10):1103-9. Epub 2014/09/15. doi: 10.1038/ng.3094. PubMed PMID: 25217961; PMCID: PMC4383163.
3. Barrdahl M, Canzian F, Joshi AD, Travis RC, Chang-Claude J, Auer PL, Gapstur SM, Gaudet M, Diver WR, Henderson BE, Haiman CA, Schumacher FR, Le Marchand L, Berg CD, Chanock SJ, Hoover RN, Rudolph A, Ziegler RG, Giles GG, Baglietto L, Severi G, Hankinson SE, Lindstrom S, Willet W, Hunter DJ, Buring JE, Lee IM, Zhang S, Dossus L, Cox DG, Khaw KT, Lund E, Naccarati A, Peeters PH, Quiros JR, Riboli E, Sund M, Trichopoulos D, Prentice RL, Kraft P, Kaaks R, Campa D. Post-GWAS gene-environment interplay in breast cancer: results from the Breast and Prostate Cancer Cohort Consortium and a meta-analysis on 79,000 women. *Hum Mol Genet.* 2014;23(19):5260-70. Epub 2014/06/05. doi: 10.1093/hmg/ddu223. PubMed PMID: 24895409; PMCID: PMC4159150.
  4. Bethea TN, Kitahara CM, Sonderman J, Patel AV, Harvey C, Knutsen SF, Park Y, Park SY, Fraser GE, Jacobs EJ, Purdue MP, Stolzenberg-Solomon RZ, Gillanders EM, Blot WJ, Palmer JR, Kolonel LN. A pooled analysis of body mass index and pancreatic cancer mortality in african americans. *Cancer Epidemiol Biomarkers Prev.* 2014;23(10):2119-25. Epub 2014/07/16. doi: 10.1158/1055-9965.EPI-14-0422. PubMed PMID: 25017247; PMCID: PMC4184984.
  5. Blein S, Berndt S, Joshi AD, Campa D, Ziegler RG, Riboli E, Cox DG, Breast NCI, Prostate Cancer Cohort C. Factors associated with oxidative stress and cancer risk in the Breast and Prostate Cancer Cohort Consortium. *Free radical research.* 2014;48(3):380-6. Epub 2014/01/21. doi: 10.3109/10715762.2013.875168. PubMed PMID: 24437375; PMCID: PMC4591275.
  6. Brinton LA, Cook MB, McCormack V, Johnson KC, Olsson H, Casagrande JT, Cooke R, Falk RT, Gapstur SM, Gaudet MM, Gaziano JM, Gkiokas G, Guenel P, Henderson BE, Hollenbeck A, Hsing AW, Kolonel LN, Isaacs C, Lubin JH, Michels KB, Negri E, Parisi D, Petridou ET, Pike MC, Riboli E, Sesso HD, Snyder K, Swerdlow AJ, European Rare Cancer Study G, Trichopoulos D, Ursin G, van den Brandt PA, Van Den Eeden SK, Weiderpass E, Willett WC, Ewertz M, Thomas DB. Anthropometric and hormonal risk factors for male breast cancer: male breast cancer pooling project results. *J Natl Cancer Inst.* 2014;106(3):djt465. Epub 2014/02/21. doi: 10.1093/jnci/djt465. PubMed PMID: 24552677; PMCID: PMC3975166.
  7. Campa D, Barrdahl M, Tsilidis KK, Severi G, Diver WR, Siddiq A, Chanock S, Hoover RN, Ziegler RG, Berg CD, Buys SS, Haiman CA, Henderson BE, Schumacher FR, Le Marchand L,

- Flesch-Janys D, Lindstrom S, Hunter DJ, Hankinson SE, Willett WC, Kraft P, Cox DG, Khaw KT, Tjonneland A, Dossus L, Trichopoulos D, Panico S, van Gils CH, Weiderpass E, Barricarte A, Sund M, Gaudet MM, Giles G, Southey M, Baglietto L, Chang-Claude J, Kaaks R, Canzian F. A genome-wide "pleiotropy scan" does not identify new susceptibility loci for estrogen receptor negative breast cancer. *PLoS One*. 2014;9(2):e85955. Epub 2014/02/14. doi: 10.1371/journal.pone.0085955. PubMed PMID: 24523857; PMCID: PMC3921107.
8. Cao Y, Lindstrom S, Schumacher F, Stevens VL, Albanes D, Berndt S, Boeing H, Bueno-de-Mesquita HB, Canzian F, Chamosa S, Chanock SJ, Diver WR, Gapstur SM, Gaziano JM, Giovannucci EL, Haiman CA, Henderson B, Johansson M, Le Marchand L, Palli D, Rosner B, Siddiq A, Stampfer M, Stram DO, Tamimi R, Travis RC, Trichopoulos D, Willett WC, Yeager M, Kraft P, Hsing AW, Pollak M, Lin X, Ma J. Insulin-like growth factor pathway genetic polymorphisms, circulating IGF1 and IGFBP3, and prostate cancer survival. *J Natl Cancer Inst*. 2014;106(6):dju085. Epub 2014/05/16. doi: 10.1093/jnci/dju085. PubMed PMID: 24824313; PMCID: PMC4081624.
  9. Charbonneau B, Block MS, Bamlet WR, Vierkant RA, Kalli KR, Fogarty Z, Rider DN, Sellers TA, Tworoger SS, Poole E, Risch HA, Salvesen HB, Kiemenev LA, Baglietto L, Giles GG, Severi G, Trabert B, Wentzensen N, Chenevix-Trench G, for AACSG, Whittemore AS, Sieh W, Chang-Claude J, Bandera EV, Orlow I, Terry K, Goodman MT, Thompson PJ, Cook LS, Rossing MA, Ness RB, Narod SA, Kupryjanczyk J, Lu K, Butzow R, Dork T, Pejovic T, Campbell I, Le ND, Bunker CH, Bogdanova N, Runnebaum IB, Eccles D, Paul J, Wu AH, Gayther SA, Hogdall E, Heitz F, Kaye SB, Karlan BY, Anton-Culver H, Gronwald J, Hogdall CK, Lambrechts D, Fasching PA, Menon U, Schildkraut J, Pearce CL, Levine DA, Kjaer SK, Cramer D, Flanagan JM, Phelan CM, Brown R, Massuger LF, Song H, Doherty JA, Krakstad C, Liang D, Odunsi K, Berchuck A, Jensen A, Lubinski J, Nevanlinna H, Bean YT, Lurie G, Ziogas A, Walsh C, Despierre E, Brinton L, Hein A, Rudolph A, Dansonka-Mieszkowska A, Olson SH, Harter P, Tyrer J, Vitonis AF, Brooks-Wilson A, Aben KK, Pike MC, Ramus SJ, Wik E, Cybulski C, Lin J, Sucheston L, Edwards R, McGuire V, Lester J, du Bois A, Lundvall L, Wang-Gohrke S, Szafron LM, Lambrechts S, Yang H, Beckmann MW, Pelttari LM, Van Altena AM, van den Berg D, Halle MK, Gentry-Maharaj A, Schwaab I, Chandran U, Menkiszak J, Ekici AB, Wilkens LR, Leminen A, Modugno F, Friel G, Rothstein JH, Vergote I, Garcia-Closas M, Hildebrandt MA, Sobiczewski P, Kelemen LE, Pharoah PD, Moysich K, Knutson KL, Cunningham JM, Fridley BL, Goode EL. Risk of ovarian cancer and the NF-kappaB pathway: genetic association with IL1A and TNFSF10. *Cancer Res*. 2014;74(3):852-61. Epub 2013/11/26. doi: 10.1158/0008-5472.CAN-13-1051. PubMed PMID: 24272484; PMCID: PMC3946482.
  10. Chen CT, Liu CT, Chen GK, Andrews JS, Arnold AM, Dreyfus J, Franceschini N, Garcia ME, Kerr KF, Li G, Lohman KK, Musani SK, Nalls MA, Raffel LJ, Smith J, Ambrosone CB, Bandera EV, Bernstein L, Britton A, Brzyski RG, Cappola A, Carlson CS, Couper D, Deming SL, Goodarzi MO, Heiss G, John EM, Lu X, Le Marchand L, Marcianti K, McKnight B, Millikan R, Nock NL, Olshan AF, Press MF, Vaidya D, Woods NF, Taylor HA, Zhao W, Zheng W, Evans MK, Harris TB, Henderson BE, Kardia SL, Kooperberg C, Liu Y, Mosley TH, Psaty B, Wellons M, Windham BG, Zonderman AB, Cupples LA, Demerath EW, Haiman C, Murabito JM, Rajkovic A. Meta-analysis of loci associated with age at natural menopause in

- African-American women. *Hum Mol Genet.* 2014;23(12):3327-42. Epub 2014/02/05. doi: 10.1093/hmg/ddu041. PubMed PMID: 24493794; PMCID: PMC4030781.
11. Chen MM, Crous-Bou M, Setiawan VW, Prescott J, Olson SH, Wentzensen N, Black A, Brinton L, Chen C, Chen C, Cook LS, Doherty J, Friedenreich CM, Hankinson SE, Hartge P, Henderson BE, Hunter DJ, Le Marchand L, Liang X, Lissowska J, Lu L, Orlow I, Petruzella S, Polidoro S, Pooler L, Rebbeck TR, Risch H, Sacerdote C, Schumacher F, Sheng X, Shu XO, Weiss NS, Xia L, Van Den Berg D, Yang HP, Yu H, Chanock S, Haiman C, Kraft P, De Vivo I. Exome-wide association study of endometrial cancer in a multiethnic population. *PLoS One.* 2014;9(5):e97045. Epub 2014/05/09. doi: 10.1371/journal.pone.0097045. PubMed PMID: 24810602; PMCID: PMC4014590.
  12. Cheng I, Kocarnik JM, Dumitrescu L, Lindor NM, Chang-Claude J, Avery CL, Caberto CP, Love SA, Slattery ML, Chan AT, Baron JA, Hindorff LA, Park SL, Schumacher FR, Hoffmeister M, Kraft P, Butler AM, Duggan DJ, Hou L, Carlson CS, Monroe KR, Lin Y, Carty CL, Mann S, Ma J, Giovannucci EL, Fuchs CS, Newcomb PA, Jenkins MA, Hopper JL, Haile RW, Conti DV, Campbell PT, Potter JD, Caan BJ, Schoen RE, Hayes RB, Chanock SJ, Berndt SI, Kury S, Bezieau S, Ambite JL, Kumaraguruparan G, Richardson DM, Goodloe RJ, Dilks HH, Baker P, Zanke BW, Lemire M, Gallinger S, Hsu L, Jiao S, Harrison TA, Seminara D, Haiman CA, Kooperberg C, Wilkens LR, Hutter CM, White E, Crawford DC, Heiss G, Hudson TJ, Brenner H, Bush WS, Casey G, Le Marchand L, Peters U. Pleiotropic effects of genetic risk variants for other cancers on colorectal cancer risk: PAGE, GECCO and CCFR consortia. *Gut.* 2014;63(5):800-7. Epub 2013/08/13. doi: 10.1136/gutjnl-2013-305189. PubMed PMID: 23935004; PMCID: PMC3918490.
  13. Cohen SS, Park Y, Signorello LB, Patel AV, Boggs DA, Kolonel LN, Kitahara CM, Knutsen SF, Gillanders E, Monroe KR, Berrington de Gonzalez A, Bethea TN, Black A, Fraser G, Gapstur S, Hartge P, Matthews CE, Park SY, Purdue MP, Singh P, Harvey C, Blot WJ, Palmer JR. A pooled analysis of body mass index and mortality among African Americans. *PLoS One.* 2014;9(11):e111980. Epub 2014/11/18. doi: 10.1371/journal.pone.0111980. PubMed PMID: 25401742; PMCID: PMC4234271.
  14. Consortium STD, Estrada K, Aukrust I, Bjorkhaug L, Burt NP, Mercader JM, Garcia-Ortiz H, Huerta-Chagoya A, Moreno-Macias H, Walford G, Flannick J, Williams AL, Gomez-Vazquez MJ, Fernandez-Lopez JC, Martinez-Hernandez A, Jimenez-Morales S, Centeno-Cruz F, Mendoza-Caamal E, Revilla-Monsalve C, Islas-Andrade S, Cordova EJ, Soberon X, Gonzalez-Villalpando ME, Henderson E, Wilkens LR, Le Marchand L, Arellano-Campos O, Ordonez-Sanchez ML, Rodriguez-Torres M, Rodriguez-Guillen R, Riba L, Najmi LA, Jacobs SB, Fennell T, Gabriel S, Fontanillas P, Hanis CL, Lehman DM, Jenkinson CP, Abboud HE, Bell GI, Cortes ML, Boehnke M, Gonzalez-Villalpando C, Orozco L, Haiman CA, Tusie-Luna T, Aguilar-Salinas CA, Altshuler D, Njolstad PR, Florez JC, MacArthur DG. Association of a low-frequency variant in HNF1A with type 2 diabetes in a Latino population. *Jama.* 2014;311(22):2305-14. Epub 2014/06/11. doi: 10.1001/jama.2014.6511. PubMed PMID: 24915262; PMCID: PMC4425850.
  15. Consortium STD, Williams AL, Jacobs SB, Moreno-Macias H, Huerta-Chagoya A,

- Churchhouse C, Marquez-Luna C, Garcia-Ortiz H, Gomez-Vazquez MJ, Burt NP, Aguilar-Salinas CA, Gonzalez-Villalpando C, Florez JC, Orozco L, Haiman CA, Tusie-Luna T, Altshuler D. Sequence variants in SLC16A11 are a common risk factor for type 2 diabetes in Mexico. *Nature*. 2014;506(7486):97-101. Epub 2014/01/07. doi: 10.1038/nature12828. PubMed PMID: 24390345; PMCID: PMC4127086.
16. Cook MB, Wang Z, Yeboah ED, Tettey Y, Biritwum RB, Adjei AA, Tay E, Truelove A, Niwa S, Chung CC, Chokkalingam AP, Chu LW, Yeager M, Hutchinson A, Yu K, Rand KA, Haiman CA, African Ancestry Prostate Cancer GC, Hoover RN, Hsing AW, Chanock SJ. A genome-wide association study of prostate cancer in West African men. *Hum Genet*. 2014;133(5):509-21. Epub 2013/11/05. doi: 10.1007/s00439-013-1387-z. PubMed PMID: 24185611; PMCID: PMC3988225.
  17. Crowe FL, Appleby PN, Travis RC, Barnett M, Brasky TM, Bueno-de-Mesquita HB, Chajes V, Chavarro JE, Chirlaque MD, English DR, Gibson RA, Giles GG, Goodman GE, Henning SM, Kaaks R, King IB, Kolonel LN, Kristal AR, Neuhaus ML, Park SY, Severi G, Siddiq A, Stampfer MJ, Stattin P, Tangen CM, Tjonneland A, Trichopoulos D, Tumino R, Wilkens LR, Key TJ, Allen NE, Endogenous Hormones NB, Prostate Cancer Collaborative G. Circulating fatty acids and prostate cancer risk: individual participant meta-analysis of prospective studies. *J Natl Cancer Inst*. 2014;106(9). Epub 2014/09/12. doi: 10.1093/jnci/dju240. PubMed PMID: 25210201; PMCID: PMC4188122.
  18. De Vivo I, Prescott J, Setiawan VW, Olson SH, Wentzensen N, Australian National Endometrial Cancer Study G, Attia J, Black A, Brinton L, Chen C, Chen C, Cook LS, Crous-Bou M, Doherty J, Dunning AM, Easton DF, Friedenreich CM, Garcia-Closas M, Gaudet MM, Haiman C, Hankinson SE, Hartge P, Henderson BE, Holliday E, Horn-Ross PL, Hunter DJ, Le Marchand L, Liang X, Lissowska J, Long J, Lu L, Magliocco AM, McEvoy M, O'Mara TA, Orlow I, Painter JN, Pooler L, Rastogi R, Rebbeck TR, Risch H, Sacerdote C, Schumacher F, Scott RJ, Sheng X, Shu XO, Spurdle AB, Thompson D, Vanden Berg D, Weiss NS, Xia L, Xiang YB, Yang HP, Yu H, Zheng W, Chanock S, Kraft P. Genome-wide association study of endometrial cancer in E2C2. *Hum Genet*. 2014;133(2):211-24. Epub 2013/10/08. doi: 10.1007/s00439-013-1369-1. PubMed PMID: 24096698; PMCID: PMC3898362.
  19. Doo T, Morimoto Y, Steinbrecher A, Kolonel LN, Maskarinec G. Coffee intake and risk of type 2 diabetes: the Multiethnic Cohort. *Public health nutrition*. 2014;17(6):1328-36. Epub 2013/02/28. doi: 10.1017/S1368980013000487. PubMed PMID: 23442347; PMCID: PMC4230482.
  20. Du M, Zhang X, Hoffmeister M, Schoen RE, Baron JA, Berndt SI, Brenner H, Carlson CS, Casey G, Chan AT, Curtis KR, Duggan D, Gauderman WJ, Giovannucci EL, Gong J, Harrison TA, Hayes RB, Henderson BE, Hopper JL, Hsu L, Hudson TJ, Hutter CM, Jenkins MA, Jiao S, Kocarnik JM, Kolonel LN, Le Marchand L, Lin Y, Newcomb PA, Rudolph A, Seminara D, Thornquist MD, Ulrich CM, White E, Wu K, Zanke BW, Campbell PT, Slattery ML, Peters U, Chang-Claude J, Potter JD, Colon Cancer Family R, Genetics, Epidemiology of Colorectal Cancer C. No evidence of gene-calcium interactions from genome-wide analysis of colorectal cancer risk. *Cancer Epidemiol Biomarkers Prev*. 2014;23(12):2971-6. Epub

2014/09/07. doi: 10.1158/1055-9965.EPI-14-0893. PubMed PMID: 25192705; PMCID: PMC4257872.

21. Fejerman L, Ahmadiyeh N, Hu D, Huntsman S, Beckman KB, Caswell JL, Tsung K, John EM, Torres-Mejia G, Carvajal-Carmona L, Echeverry MM, Tuazon AM, Ramirez C, Consortium C, Gignoux CR, Eng C, Gonzalez-Burchard E, Henderson B, Le Marchand L, Kooperberg C, Hou L, Agalliu I, Kraft P, Lindstrom S, Perez-Stable EJ, Haiman CA, Ziv E. Genome-wide association study of breast cancer in Latinas identifies novel protective variants on 6q25. *Nat Commun*. 2014;5:5260. Epub 2014/10/21. doi: 10.1038/ncomms6260. PubMed PMID: 25327703; PMCID: PMC4204111.
22. Feng Y, Stram DO, Rhie SK, Millikan RC, Ambrosone CB, John EM, Bernstein L, Zheng W, Olshan AF, Hu JJ, Ziegler RG, Nyante S, Bandera EV, Ingles SA, Press MF, Deming SL, Rodriguez-Gil JL, Palmer JR, Olopade OI, Huo D, Adebamowo CA, Ogundiran T, Chen GK, Stram A, Park K, Rand KA, Chanock SJ, Le Marchand L, Kolonel LN, Conti DV, Easton D, Henderson BE, Haiman CA. A comprehensive examination of breast cancer risk loci in African American women. *Hum Mol Genet*. 2014;23(20):5518-26. Epub 2014/05/24. doi: 10.1093/hmg/ddu252. PubMed PMID: 24852375; PMCID: PMC4168823.
23. Figueiredo JC, Hsu L, Hutter CM, Lin Y, Campbell PT, Baron JA, Berndt SI, Jiao S, Casey G, Fortini B, Chan AT, Cotterchio M, Lemire M, Gallinger S, Harrison TA, Le Marchand L, Newcomb PA, Slattery ML, Caan BJ, Carlson CS, Zanke BW, Rosse SA, Brenner H, Giovannucci EL, Wu K, Chang-Claude J, Chanock SJ, Curtis KR, Duggan D, Gong J, Haile RW, Hayes RB, Hoffmeister M, Hopper JL, Jenkins MA, Kolonel LN, Qu C, Rudolph A, Schoen RE, Schumacher FR, Seminara D, Stelling DL, Thibodeau SN, Thornquist M, Warnick GS, Henderson BE, Ulrich CM, Gauderman WJ, Potter JD, White E, Peters U, Ccfr, Gecco. Genome-wide diet-gene interaction analyses for risk of colorectal cancer. *PLoS Genet*. 2014;10(4):e1004228. Epub 2014/04/20. doi: 10.1371/journal.pgen.1004228. PubMed PMID: 24743840; PMCID: PMC3990510.
24. Figueroa JD, Han SS, Garcia-Closas M, Baris D, Jacobs EJ, Kogevinas M, Schwenn M, Malats N, Johnson A, Purdue MP, Caporaso N, Landi MT, Prokunina-Olsson L, Wang Z, Hutchinson A, Burdette L, Wheeler W, Vineis P, Siddiq A, Cortessis VK, Kooperberg C, Cussenot O, Benhamou S, Prescott J, Porru S, Bueno-de-Mesquita HB, Trichopoulos D, Ljungberg B, Clavel-Chapelon F, Weiderpass E, Krogh V, Dorronsoro M, Travis R, Tjonneland A, Brenan P, Chang-Claude J, Riboli E, Conti D, Gago-Dominguez M, Stern MC, Pike MC, Van Den Berg D, Yuan JM, Hohensee C, Rodabough R, Cancel-Tassin G, Roupert M, Comperat E, Chen C, De Vivo I, Giovannucci E, Hunter DJ, Kraft P, Lindstrom S, Carta A, Pavanello S, Arici C, Mastrangelo G, Karagas MR, Schned A, Armenti KR, Hosain GM, Haiman CA, Fraumeni JF, Jr., Chanock SJ, Chatterjee N, Rothman N, Silverman DT. Genome-wide interaction study of smoking and bladder cancer risk. *Carcinogenesis*. 2014;35(8):1737-44. Epub 2014/03/26. doi: 10.1093/carcin/bgu064. PubMed PMID: 24662972; PMCID: PMC4123644.
25. Figueroa JD, Ye Y, Siddiq A, Garcia-Closas M, Chatterjee N, Prokunina-Olsson L, Cortessis VK, Kooperberg C, Cussenot O, Benhamou S, Prescott J, Porru S, Dinney CP, Malats N, Baris D, Purdue M, Jacobs EJ, Albanes D, Wang Z, Deng X, Chung CC, Tang W, Bas

- Bueno-de-Mesquita H, Trichopoulos D, Ljungberg B, Clavel-Chapelon F, Weiderpass E, Krogh V, Dorronsoro M, Travis R, Tjonneland A, Brenan P, Chang-Claude J, Riboli E, Conti D, Gago-Dominguez M, Stern MC, Pike MC, Van Den Berg D, Yuan JM, Hohensee C, Rodabough R, Cancel-Tassin G, Roupert M, Comperat E, Chen C, De Vivo I, Giovannucci E, Hunter DJ, Kraft P, Lindstrom S, Carta A, Pavanello S, Arici C, Mastrangelo G, Kamat AM, Lerner SP, Barton Grossman H, Lin J, Gu J, Pu X, Hutchinson A, Burdette L, Wheeler W, Kogevinas M, Tardon A, Serra C, Carrato A, Garcia-Closas R, Lloreta J, Schwenn M, Karagas MR, Johnson A, Schned A, Armenti KR, Hosain GM, Andriole G, Jr., Grubb R, 3rd, Black A, Ryan Diver W, Gapstur SM, Weinstein SJ, Virtamo J, Haiman CA, Landi MT, Caporaso N, Fraumeni JF, Jr., Vineis P, Wu X, Silverman DT, Chanock S, Rothman N. Genome-wide association study identifies multiple loci associated with bladder cancer risk. *Hum Mol Genet.* 2014;23(5):1387-98. Epub 2013/10/29. doi: 10.1093/hmg/ddt519. PubMed PMID: 24163127; PMCID: PMC3919005.
26. Fondell E, O'Reilly EJ, Fitzgerald KC, Falcone GJ, Kolonel LN, Park Y, McCullough ML, Ascherio A. Dietary fiber and amyotrophic lateral sclerosis: results from 5 large cohort studies. *Am J Epidemiol.* 2014;179(12):1442-9. Epub 2014/05/13. doi: 10.1093/aje/kwu089. PubMed PMID: 24816788; PMCID: PMC4051879.
27. Ghousaini M, Edwards SL, Michailidou K, Nord S, Cowper-Sal Lari R, Desai K, Kar S, Hillman KM, Kaufmann S, Glubb DM, Beesley J, Dennis J, Bolla MK, Wang Q, Dicks E, Guo Q, Schmidt MK, Shah M, Luben R, Brown J, Czene K, Darabi H, Eriksson M, Klevebring D, Bojesen SE, Nordestgaard BG, Nielsen SF, Flyger H, Lambrechts D, Thienpont B, Neven P, Wildiers H, Broeks A, Van't Veer LJ, Th Rutgers EJ, Couch FJ, Olson JE, Hallberg E, Vachon C, Chang-Claude J, Rudolph A, Seibold P, Flesch-Janys D, Peto J, Dos-Santos-Silva I, Gibson L, Nevanlinna H, Muranen TA, Aittomaki K, Blomqvist C, Hall P, Li J, Liu J, Humphreys K, Kang D, Choi JY, Park SK, Noh DY, Matsuo K, Ito H, Iwata H, Yatabe Y, Guenel P, Truong T, Menegaux F, Sanchez M, Burwinkel B, Marme F, Schneeweiss A, Sohn C, Wu AH, Tseng CC, Van Den Berg D, Stram DO, Benitez J, Zamora MP, Perez JI, Menendez P, Shu XO, Lu W, Gao YT, Cai Q, Cox A, Cross SS, Reed MW, Andrulis IL, Knight JA, Glendon G, Tchatchou S, Sawyer EJ, Tomlinson I, Kerin MJ, Miller N, Haiman CA, Henderson BE, Schumacher F, Le Marchand L, Lindblom A, Margolin S, Teo SH, Yip CH, Lee DS, Wong TY, Hooning MJ, Martens JW, Collee JM, van Deurzen CH, Hopper JL, Southey MC, Tsimiklis H, Kapuscinski MK, Shen CY, Wu PE, Yu JC, Chen ST, Alnaes GG, Borresen-Dale AL, Giles GG, Milne RL, McLean C, Muir K, Lophatananon A, Stewart-Brown S, Siriwanarangsana P, Hartman M, Miao H, Buhari SA, Teo YY, Fasching PA, Haeberle L, Ekici AB, Beckmann MW, Brenner H, Dieffenbach AK, Arndt V, Stegmaier C, Swerdlow A, Ashworth A, Orr N, Schoemaker MJ, Garcia-Closas M, Figueroa J, Chanock SJ, Lissowska J, Simard J, Goldberg MS, Labreche F, Dumont M, Winqvist R, Pylkas K, Jukkola-Vuorinen A, Brauch H, Bruning T, Koto YD, Radice P, Peterlongo P, Bonanni B, Volorio S, Dork T, Bogdanova NV, Helbig S, Mannermaa A, Kataja V, Kosma VM, Hartikainen JM, Devilee P, Tollenaar RA, Seynaeve C, Van Asperen CJ, Jakubowska A, Lubinski J, Jaworska-Bieniek K, Durda K, Slager S, Toland AE, Ambrosone CB, Yannoukakos D, Sangrairang S, Gaborieau V, Brennan P, McKay J, Hamann U, Torres D, Zheng W, Long J, Anton-Culver H, Neuhausen SL, Luccarini C, Baynes C, Ahmed S, Maranian M, Healey CS, Gonzalez-Neira A, Pita G, Alonso MR, Alvarez N, Herrero D, Tessier DC,

- Vincent D, Bacot F, de Santiago I, Carroll J, Caldas C, Brown MA, Lupien M, Kristensen VN, Pharoah PD, Chenevix-Trench G, French JD, Easton DF, Dunning AM, Australian Ovarian Cancer Management G, Australian Ovarian Cancer Management G. Evidence that breast cancer risk at the 2q35 locus is mediated through IGFBP5 regulation. *Nat Commun*. 2014;4:4999. Epub 2014/09/24. doi: 10.1038/ncomms5999. PubMed PMID: 25248036; PMCID: PMC4321900.
28. Giorgi EE, Stram DO, Taverna D, Turner SD, Schumacher F, Haiman CA, Lum-Jones A, Tirikainen M, Caberto C, Duggan D, Henderson BE, Le Marchand L, Cheng I. Fine-mapping IGF1 and prostate cancer risk in African Americans: the multiethnic cohort study. *Cancer Epidemiol Biomarkers Prev*. 2014;23(9):1928-32. Epub 2014/06/07. doi: 10.1158/1055-9965.EPI-14-0333. PubMed PMID: 24904019; PMCID: PMC4409949.
  29. Harmon BE, Little MA, Woekel ED, Ettienne R, Long CR, Wilkens LR, Le Marchand L, Henderson BE, Kolonel LN, Maskarinec G. Ethnic differences and predictors of colonoscopy, prostate-specific antigen, and mammography screening participation in the multiethnic cohort. *Cancer Epidemiol*. 2014;38(2):162-7. Epub 2014/03/29. doi: 10.1016/j.canep.2014.02.007. PubMed PMID: 24667037; PMCID: PMC4325992.
  30. Jiao S, Peters U, Berndt S, Brenner H, Butterbach K, Caan BJ, Carlson CS, Chan AT, Chang-Claude J, Chanock S, Curtis KR, Duggan D, Gong J, Harrison TA, Hayes RB, Henderson BE, Hoffmeister M, Kolonel LN, Le Marchand L, Potter JD, Rudolph A, Schoen RE, Seminara D, Slattery ML, White E, Hsu L. Estimating the heritability of colorectal cancer. *Hum Mol Genet*. 2014;23(14):3898-905. Epub 2014/02/25. doi: 10.1093/hmg/ddu087. PubMed PMID: 24562164; PMCID: PMC4065150.
  31. Johnson N, Dudbridge F, Orr N, Gibson L, Jones ME, Schoemaker MJ, Folkert EJ, Haynes BP, Hopper JL, Southey MC, Dite GS, Apicella C, Schmidt MK, Broeks A, Van't Veer LJ, Atsma F, Muir K, Lophatananon A, Fasching PA, Beckmann MW, Ekici AB, Renner SP, Sawyer E, Tomlinson I, Kerin M, Miller N, Burwinkel B, Marme F, Schneeweiss A, Sohn C, Guenel P, Truong T, Cordina E, Menegaux F, Bojesen SE, Nordestgaard BG, Flyger H, Milne R, Zamora MP, Arias Perez JL, Benitez J, Bernstein L, Anton-Culver H, Ziogas A, Clarke Dur C, Brenner H, Muller H, Arndt V, Dieffenbach AK, Meindl A, Heil J, Bartram CR, Schmutzler RK, Brauch H, Justenhoven C, Ko YD, Network G, Nevanlinna H, Muranen TA, Aittomaki K, Blomqvist C, Matsuo K, Dork T, Bogdanova NV, Antonenkova NN, Lindblom A, Mannermaa A, Kataja V, Kosma VM, Hartikainen JM, Chenevix-Trench G, Beesley J, kConFab I, Australian Ovarian Cancer Study G, Wu AH, Van den Berg D, Tseng CC, Lambrechts D, Smeets D, Neven P, Wildiers H, Chang-Claude J, Rudolph A, Nickels S, Flesch-Janys D, Radice P, Peterlongo P, Bonanni B, Pensotti V, Couch FJ, Olson JE, Wang X, Fredericksen Z, Pankratz VS, Giles GG, Severi G, Baglietto L, Haiman C, Simard J, Goldberg MS, Labreche F, Dumont M, Soucy P, Teo S, Yip CH, Phuah SY, Cornes BK, Kristensen VN, Grenaker Alnaes G, Borresen-Dale AL, Zheng W, Winqvist R, Pylkas K, Jukkola-Vuorinen A, Grip M, Andrulis IL, Knight JA, Glendon G, Mulligan AM, Devilee P, Figueroa J, Chanock SJ, Lissowska J, Sherman ME, Hall P, Schoof N, Hooning M, Hollestelle A, Oldenburg RA, Tilanus-Linthorst M, Liu J, Cox A, Brock IW, Reed MW, Cross SS, Blot W, Signorello LB, Pharoah PD, Dunning AM, Shah M, Kang D, Noh DY, Park SK, Choi JY, Hartman M, Miao H, Lim WY, Tang A, Hamann U, Forsti A, Rudiger T,



- Ulmer HU, Jakubowska A, Lubinski J, Jaworska-Bieniek K, Durda K, Sangrajrang S, Gaborieau V, Brennan P, McKay J, Slager S, Toland AE, Vachon C, Yannoukakos D, Shen CY, Yu JC, Huang CS, Hou MF, Gonzalez-Neira A, Tessier DC, Vincent D, Bacot F, Luccarini C, Dennis J, Michailidou K, Bolla MK, Wang J, Easton DF, Garcia-Closas M, Dowsett M, Ashworth A, Swerdlow AJ, Peto J, dos Santos Silva I, Fletcher O. Genetic variation at CYP3A is associated with age at menarche and breast cancer risk: a case-control study. *Breast Cancer Res.* 2014;16(3):R51. Epub 2014/06/03. doi: 10.1186/bcr3662. PubMed PMID: 24887515; PMCID: PMC4522594.
32. Joshi AD, Lindstrom S, Husing A, Barrdahl M, VanderWeele TJ, Campa D, Canzian F, Gaudet MM, Figueroa JD, Baglietto L, Berg CD, Buring JE, Chanock SJ, Chirlaque MD, Diver WR, Dossus L, Giles GG, Haiman CA, Hankinson SE, Henderson BE, Hoover RN, Hunter DJ, Isaacs C, Kaaks R, Kolonel LN, Krogh V, Le Marchand L, Lee IM, Lund E, McCarty CA, Overvad K, Peeters PH, Riboli E, Schumacher F, Severi G, Stram DO, Sund M, Thun MJ, Travis RC, Trichopoulos D, Willett WC, Zhang S, Ziegler RG, Kraft P, Breast, Prostate Cancer Cohort C. Additive interactions between susceptibility single-nucleotide polymorphisms identified in genome-wide association studies and breast cancer risk factors in the Breast and Prostate Cancer Cohort Consortium. *Am J Epidemiol.* 2014;180(10):1018-27. Epub 2014/09/27. doi: 10.1093/aje/kwu214. PubMed PMID: 25255808; PMCID: PMC4224360.
33. Kantor ED, Hutter CM, Minnier J, Berndt SI, Brenner H, Caan BJ, Campbell PT, Carlson CS, Casey G, Chan AT, Chang-Claude J, Chanock SJ, Cotterchio M, Du M, Duggan D, Fuchs CS, Giovannucci EL, Gong J, Harrison TA, Hayes RB, Henderson BE, Hoffmeister M, Hopper JL, Jenkins MA, Jiao S, Kolonel LN, Le Marchand L, Lemire M, Ma J, Newcomb PA, Ochs-Balcom HM, Pflugeisen BM, Potter JD, Rudolph A, Schoen RE, Seminara D, Slattery ML, Stelling DL, Thomas F, Thornquist M, Ulrich CM, Warnick GS, Zanke BW, Peters U, Hsu L, White E. Gene-environment interaction involving recently identified colorectal cancer susceptibility Loci. *Cancer Epidemiol Biomarkers Prev.* 2014;23(9):1824-33. Epub 2014/07/06. doi: 10.1158/1055-9965.EPI-14-0062. PubMed PMID: 24994789; PMCID: PMC4209726.
34. Khan S, Greco D, Michailidou K, Milne RL, Muranen TA, Heikkinen T, Aaltonen K, Dennis J, Bolla MK, Liu J, Hall P, Irwanto A, Humphreys K, Li J, Czene K, Chang-Claude J, Hein R, Rudolph A, Seibold P, Flesch-Janys D, Fletcher O, Peto J, dos Santos Silva I, Johnson N, Gibson L, Aitken Z, Hopper JL, Tsimiklis H, Bui M, Makalic E, Schmidt DF, Southey MC, Apicella C, Stone J, Waisfisz Q, Meijers-Heijboer H, Adank MA, van der Luijt RB, Meindl A, Schmutzler RK, Muller-Myhsok B, Lichtner P, Turnbull C, Rahman N, Chanock SJ, Hunter DJ, Cox A, Cross SS, Reed MW, Schmidt MK, Broeks A, Van't Veer LJ, Hogervorst FB, Fasching PA, Schrauder MG, Ekici AB, Beckmann MW, Bojesen SE, Nordestgaard BG, Nielsen SF, Flyger H, Benitez J, Zamora PM, Perez JL, Haiman CA, Henderson BE, Schumacher F, Le Marchand L, Pharoah PD, Dunning AM, Shah M, Luben R, Brown J, Couch FJ, Wang X, Vachon C, Olson JE, Lambrechts D, Moisse M, Paridaens R, Christiaens MR, Guenel P, Truong T, Laurent-Puig P, Mulot C, Marme F, Burwinkel B, Schneeweiss A, Sohn C, Sawyer EJ, Tomlinson I, Kerin MJ, Miller N, Andrulis IL, Knight JA, Tchatchou S, Mulligan AM, Dork T, Bogdanova NV, Antonenkova NN, Anton-Culver H, Darabi H, Eriksson M, Garcia-Closas M, Figueroa J, Lissowska J, Brinton L, Devilee P, Tollenaar RA, Seynaeve C, van Asperen CJ,

- Kristensen VN, kConFab I, Australian Ovarian Cancer Study G, Slager S, Toland AE, Ambrosone CB, Yannoukakos D, Lindblom A, Margolin S, Radice P, Peterlongo P, Barile M, Mariani P, Hoening MJ, Martens JW, Collee JM, Jager A, Jakubowska A, Lubinski J, Jaworska-Bieniek K, Durda K, Giles GG, McLean C, Brauch H, Bruning T, Ko YD, Network G, Brenner H, Dieffenbach AK, Arndt V, Stegmaier C, Swerdlow A, Ashworth A, Orr N, Jones M, Simard J, Goldberg MS, Labreche F, Dumont M, Winqvist R, Pylkas K, Jukkola-Vuorinen A, Grip M, Kataja V, Kosma VM, Hartikainen JM, Mannermaa A, Hamann U, Chenevix-Trench G, Blomqvist C, Aittomaki K, Easton DF, Nevanlinna H. MicroRNA related polymorphisms and breast cancer risk. *PLoS One*. 2014;9(11):e109973. Epub 2014/11/13. doi: 10.1371/journal.pone.0109973. PubMed PMID: 25390939; PMCID: PMC4229095.
35. Kim Y, Franke AA, Shvetsov YB, Wilkens LR, Cooney RV, Lurie G, Maskarinec G, Hernandez BY, Le Marchand L, Henderson BE, Kolonel LN, Goodman MT. Plasma 25-hydroxyvitamin D3 is associated with decreased risk of postmenopausal breast cancer in whites: a nested case-control study in the multiethnic cohort study. *BMC Cancer*. 2014;14(1):29. Epub 2014/01/21. doi: 10.1186/1471-2407-14-29. PubMed PMID: 24438060; PMCID: PMC3897897.
36. Kocarnik JM, Park SL, Han J, Dumitrescu L, Cheng I, Wilkens LR, Schumacher FR, Kolonel L, Carlson CS, Crawford DC, Goodloe RJ, Dilks H, Baker P, Richardson D, Ambite JL, Song F, Quresh AA, Zhang M, Duggan D, Hutter C, Hindorff LA, Bush WS, Kooperberg C, Le Marchand L, Peters U. Replication of associations between GWAS SNPs and melanoma risk in the Population Architecture Using Genomics and Epidemiology (PAGE) Study. *The Journal of investigative dermatology*. 2014;134(7):2049-52. Epub 2014/02/01. doi: 10.1038/jid.2014.53. PubMed PMID: 24480881; PMCID: PMC4057959.
37. Kocarnik JM, Pendergrass SA, Carty CL, Pankow JS, Schumacher FR, Cheng I, Durda P, Ambite JL, Deelman E, Cook NR, Liu S, Wactawski-Wende J, Hutter C, Brown-Gentry K, Wilson S, Best LG, Pankratz N, Hong CP, Cole SA, Voruganti VS, Buzkova P, Jorgensen NW, Jenny NS, Wilkens LR, Haiman CA, Kolonel LN, Lacroix A, North K, Jackson R, Le Marchand L, Hindorff LA, Crawford DC, Gross M, Peters U. Multiancestral analysis of inflammation-related genetic variants and C-reactive protein in the population architecture using genomics and epidemiology study. *Circulation Cardiovascular genetics*. 2014;7(2):178-88. Epub 2014/03/14. doi: 10.1161/CIRCGENETICS.113.000173. PubMed PMID: 24622110; PMCID: PMC4104750.
38. Kwan ML, John EM, Caan BJ, Lee VS, Bernstein L, Cheng I, Gomez SL, Henderson BE, Keegan TH, Kurian AW, Lu Y, Monroe KR, Roh JM, Shariff-Marco S, Spoto R, Vigen C, Wu AH. Obesity and mortality after breast cancer by race/ethnicity: The California Breast Cancer Survivorship Consortium. *Am J Epidemiol*. 2014;179(1):95-111. Epub 2013/10/11. doi: 10.1093/aje/kwt233. PubMed PMID: 24107615; PMCID: PMC3864715.
39. Leo QJ, Ollberding NJ, Wilkens LR, Kolonel LN, Henderson BE, Le Marchand L, Maskarinec G. Obesity and non-Hodgkin lymphoma survival in an ethnically diverse population: the Multiethnic Cohort study. *Cancer Causes Control*. 2014;25(11):1449-59. Epub 2014/07/30. doi: 10.1007/s10552-014-0447-6. PubMed PMID: 25070667; PMCID: PMC4230453.

40. Li J, Lindstrom LS, Foo JN, Rafiq S, Schmidt MK, Pharoah PD, Michailidou K, Dennis J, Bolla MK, Wang Q, Van 't Veer LJ, Cornelissen S, Rutgers E, Southey MC, Apicella C, Dite GS, Hopper JL, Fasching PA, Haeberle L, Ekici AB, Beckmann MW, Blomqvist C, Muranen TA, Aittomaki K, Lindblom A, Margolin S, Mannermaa A, Kosma VM, Hartikainen JM, Kataja V, Chenevix-Trench G, kConFab I, Phillips KA, McLachlan SA, Lambrechts D, Thienpont B, Smeets A, Wildiers H, Chang-Claude J, Flesch-Janys D, Seibold P, Rudolph A, Giles GG, Baglietto L, Severi G, Haiman CA, Henderson BE, Schumacher F, Le Marchand L, Kristensen V, Alnaes GI, Borresen-Dale AL, Nord S, Winqvist R, Pylkas K, Jukkola-Vuorinen A, Grip M, Andrulis IL, Knight JA, Glendon G, Tchatchou S, Devilee P, Tollenaar R, Seynaeve C, Hooning M, Kriege M, Hollestelle A, van den Ouweland A, Li Y, Hamann U, Torres D, Ulmer HU, Rudiger T, Shen CY, Hsiung CN, Wu PE, Chen ST, Teo SH, Taib NA, Har Yip C, Fuang Ho G, Matsuo K, Ito H, Iwata H, Tajima K, Kang D, Choi JY, Park SK, Yoo KY, Maishman T, Tapper WJ, Dunning A, Shah M, Luben R, Brown J, Khor CC, Eccles DM, Nevanlinna H, Easton D, Humphreys K, Liu J, Hall P, Czene K. 2q36.3 is associated with prognosis for oestrogen receptor-negative breast cancer patients treated with chemotherapy. *Nat Commun.* 2014;5:4051. Epub 2014/06/18. doi: 10.1038/ncomms5051. PubMed PMID: 24937182; PMCID: PMC4082638.
41. Lim U, Kocarnik JM, Bush WS, Matise TC, Caberto C, Park SL, Carlson CS, Deelman E, Duggan D, Fesinmeyer M, Haiman CA, Henderson BE, Hindorff LA, Kolonel LN, Peters U, Stram DO, Tiirikainen M, Wilkens LR, Wu C, Kooperberg C, Le Marchand L. Pleiotropy of cancer susceptibility variants on the risk of non-Hodgkin lymphoma: the PAGE consortium. *PLoS One.* 2014;9(3):e89791. Epub 2014/03/07. doi: 10.1371/journal.pone.0089791. PubMed PMID: 24598796; PMCID: PMC3943855.
42. Majithia AR, Flannick J, Shahinian P, Guo M, Bray MA, Fontanillas P, Gabriel SB, Go TDC, Project NJFAS, Consortium STD, Consortium TDG, Rosen ED, Altshuler D. Rare variants in PPARG with decreased activity in adipocyte differentiation are associated with increased risk of type 2 diabetes. *Proceedings of the National Academy of Sciences of the United States of America.* 2014;111(36):13127-32. Epub 2014/08/27. doi: 10.1073/pnas.1410428111. PubMed PMID: 25157153; PMCID: PMC4246964.
43. Milne RL, Burwinkel B, Michailidou K, Arias-Perez JI, Zamora MP, Menendez-Rodriguez P, Hardisson D, Mendiola M, Gonzalez-Neira A, Pita G, Alonso MR, Dennis J, Wang Q, Bolla MK, Swerdlow A, Ashworth A, Orr N, Schoemaker M, Ko YD, Brauch H, Hamann U, Network G, Andrulis IL, Knight JA, Glendon G, Tchatchou S, kConFab I, Australian Ovarian Cancer Study G, Matsuo K, Ito H, Iwata H, Tajima K, Li J, Brand JS, Brenner H, Dieffenbach AK, Arndt V, Stegmaier C, Lambrechts D, Peuteman G, Christiaens MR, Smeets A, Jakubowska A, Lubinski J, Jaworska-Bieniek K, Durda K, Hartman M, Hui M, Yen Lim W, Wan Chan C, Marme F, Yang R, Bugert P, Lindblom A, Margolin S, Garcia-Closas M, Chanock SJ, Lissowska J, Figueroa JD, Bojesen SE, Nordestgaard BG, Flyger H, Hooning MJ, Kriege M, van den Ouweland AM, Koppert LB, Fletcher O, Johnson N, dos-Santos-Silva I, Peto J, Zheng W, Deming-Halverson S, Shrubsole MJ, Long J, Chang-Claude J, Rudolph A, Seibold P, Flesch-Janys D, Winqvist R, Pylkas K, Jukkola-Vuorinen A, Grip M, Cox A, Cross SS, Reed MW, Schmidt MK, Broeks A, Cornelissen S, Braaf L, Kang D, Choi JY, Park SK, Noh DY,

- Simard J, Dumont M, Goldberg MS, Labreche F, Fasching PA, Hein A, Ekici AB, Beckmann MW, Radice P, Peterlongo P, Azzollini J, Barile M, Sawyer E, Tomlinson I, Kerin M, Miller N, Hopper JL, Schmidt DF, Makalic E, Southey MC, Hwang Teo S, Har Yip C, Sivanandan K, Tay WT, Shen CY, Hsiung CN, Yu JC, Hou MF, Guenel P, Truong T, Sanchez M, Mulot C, Blot W, Cai Q, Nevanlinna H, Muranen TA, Aittomaki K, Blomqvist C, Wu AH, Tseng CC, Van Den Berg D, Stram DO, Bogdanova N, Dork T, Muir K, Lophatananon A, Stewart-Brown S, Siriwanarangsarn P, Mannermaa A, Kataja V, Kosma VM, Hartikainen JM, Shu XO, Lu W, Gao YT, Zhang B, Couch FJ, Toland AE, Tnbc, Yannoukakos D, Sangrajrang S, McKay J, Wang X, Olson JE, Vachon C, Purrington K, Severi G, Baglietto L, Haiman CA, Henderson BE, Schumacher F, Le Marchand L, Devilee P, Tollenaar RA, Seynaeve C, Czene K, Eriksson M, Humphreys K, Darabi H, Ahmed S, Shah M, Pharoah PD, Hall P, Giles GG, Benitez J, Dunning AM, Chenevix-Trench G, Easton DF. Common non-synonymous SNPs associated with breast cancer susceptibility: findings from the Breast Cancer Association Consortium. *Hum Mol Genet.* 2014;23(22):6096-111. Epub 2014/06/20. doi: 10.1093/hmg/ddu311. PubMed PMID: 24943594; PMCID: PMC4204770.
44. Milne RL, Herranz J, Michailidou K, Dennis J, Tyrer JP, Zamora MP, Arias-Perez JI, Gonzalez-Neira A, Pita G, Alonso MR, Wang Q, Bolla MK, Czene K, Eriksson M, Humphreys K, Darabi H, Li J, Anton-Culver H, Neuhausen SL, Ziogas A, Clarke CA, Hopper JL, Dite GS, Apicella C, Southey MC, Chenevix-Trench G, kConFab I, Australian Ovarian Cancer Study G, Swerdlow A, Ashworth A, Orr N, Schoemaker M, Jakubowska A, Lubinski J, Jaworska-Bieniek K, Durda K, Andrulis IL, Knight JA, Glendon G, Mulligan AM, Bojesen SE, Nordestgaard BG, Flyger H, Nevanlinna H, Muranen TA, Aittomaki K, Blomqvist C, Chang-Claude J, Rudolph A, Seibold P, Flesch-Janys D, Wang X, Olson JE, Vachon C, Purrington K, Winqvist R, Pylkas K, Jukkola-Vuorinen A, Grip M, Dunning AM, Shah M, Guenel P, Truong T, Sanchez M, Mulot C, Brenner H, Dieffenbach AK, Arndt V, Stegmaier C, Lindblom A, Margolin S, Hooning MJ, Hollestelle A, Collee JM, Jager A, Cox A, Brock IW, Reed MW, Devilee P, Tollenaar RA, Seynaeve C, Haiman CA, Henderson BE, Schumacher F, Le Marchand L, Simard J, Dumont M, Soucy P, Dork T, Bogdanova NV, Hamann U, Forsti A, Rudiger T, Ulmer HU, Fasching PA, Haberle L, Ekici AB, Beckmann MW, Fletcher O, Johnson N, dos Santos Silva I, Peto J, Radice P, Peterlongo P, Peissel B, Mariani P, Giles GG, Severi G, Baglietto L, Sawyer E, Tomlinson I, Kerin M, Miller N, Marme F, Burwinkel B, Mannermaa A, Kataja V, Kosma VM, Hartikainen JM, Lambrechts D, Yesilyurt BT, Floris G, Leunen K, Alnaes GG, Kristensen V, Borresen-Dale AL, Garcia-Closas M, Chanock SJ, Lissowska J, Figueroa JD, Schmidt MK, Broeks A, Verhoef S, Rutgers EJ, Brauch H, Bruning T, Ko YD, Network G, Couch FJ, Toland AE, Tnbc, Yannoukakos D, Pharoah PD, Hall P, Benitez J, Malats N, Easton DF. A large-scale assessment of two-way SNP interactions in breast cancer susceptibility using 46,450 cases and 42,461 controls from the breast cancer association consortium. *Hum Mol Genet.* 2014;23(7):1934-46. Epub 2013/11/19. doi: 10.1093/hmg/ddt581. PubMed PMID: 24242184; PMCID: PMC3943524.
45. Morimoto Y, Conroy SM, Ollberding NJ, Kim Y, Lim U, Cooney RV, Franke AA, Wilkens LR, Hernandez BY, Goodman MT, Henderson BE, Kolonel LN, Le Marchand L, Maskarinec G. Ethnic differences in serum adipokine and C-reactive protein levels: the multiethnic cohort. *Int J Obes (Lond).* 2014;38(11):1416-22. Epub 2014/02/14. doi: 10.1038/ijo.2014.25.

PubMed PMID: 24522245; PMCID: PMC4247246.

46. Morimoto Y, Maskarinec G, Park SY, Ettiienne R, Matsuno RK, Long C, Steffen AD, Henderson BE, Kolonel LN, Le Marchand L, Wilkens LR. Dietary isoflavone intake is not statistically significantly associated with breast cancer risk in the Multiethnic Cohort. *The British journal of nutrition*. 2014;112(6):976-83. Epub 2014/09/10. doi: 10.1017/S0007114514001780. PubMed PMID: 25201305; PMCID: PMC4237401.
47. Murphy SE, Park SS, Thompson EF, Wilkens LR, Patel Y, Stram DO, Le Marchand L. Nicotine N-glucuronidation relative to N-oxidation and C-oxidation and UGT2B10 genotype in five ethnic/racial groups. *Carcinogenesis*. 2014;35(11):2526-33. Epub 2014/09/23. doi: 10.1093/carcin/bgu191. PubMed PMID: 25233931; PMCID: PMC4216060.
48. Park SL, Caberto CP, Lin Y, Goodloe RJ, Dumitrescu L, Love SA, Matise TC, Hindorff LA, Fowke JH, Schumacher FR, Beebe-Dimmer J, Chen C, Hou L, Thomas F, Deelman E, Han Y, Peters U, North KE, Heiss G, Crawford DC, Haiman CA, Wilkens LR, Bush WS, Kooperberg C, Cheng I, Le Marchand L. Association of cancer susceptibility variants with risk of multiple primary cancers: The population architecture using genomics and epidemiology study. *Cancer Epidemiol Biomarkers Prev*. 2014;23(11):2568-78. Epub 2014/08/21. doi: 10.1158/1055-9965.EPI-14-0129. PubMed PMID: 25139936; PMCID: PMC4221293.
49. Park SL, Fesinmeyer MD, Timofeeva M, Caberto CP, Kocarnik JM, Han Y, Love SA, Young A, Dumitrescu L, Lin Y, Goodloe R, Wilkens LR, Hindorff L, Fowke JH, Carty C, Buyske S, Schumacher FR, Butler A, Dilks H, Deelman E, Cote ML, Chen W, Pande M, Christiani DC, Field JK, Bickebller H, Risch A, Heinrich J, Brennan P, Wang Y, Eisen T, Houlston RS, Thun M, Albanes D, Caporaso N, Peters U, North KE, Heiss G, Crawford DC, Bush WS, Haiman CA, Landi MT, Hung RJ, Kooperberg C, Amos CI, Le Marchand L, Cheng I. Pleiotropic associations of risk variants identified for other cancers with lung cancer risk: the PAGE and TRICL consortia. *J Natl Cancer Inst*. 2014;106(4):dju061. Epub 2014/04/01. doi: 10.1093/jnci/dju061. PubMed PMID: 24681604; PMCID: PMC3982896.
50. Park SL, Kotapati S, Wilkens LR, Tiirikainen M, Murphy SE, Tretyakova N, Le Marchand L. 1,3-Butadiene exposure and metabolism among Japanese American, Native Hawaiian, and White smokers. *Cancer Epidemiol Biomarkers Prev*. 2014;23(11):2240-9. Epub 2014/11/05. doi: 10.1158/1055-9965.EPI-14-0492. PubMed PMID: 25368399; PMCID: PMC4220266.
51. Park SY, Kolonel LN, Lim U, White KK, Henderson BE, Wilkens LR. Alcohol consumption and breast cancer risk among women from five ethnic groups with light to moderate intakes: the Multiethnic Cohort Study. *Int J Cancer*. 2014;134(6):1504-10. Epub 2013/09/17. doi: 10.1002/ijc.28476. PubMed PMID: 24037751; PMCID: PMC4102309.
52. Patterson RE, Emond JA, Natarajan L, Wesseling-Perry K, Kolonel LN, Jardack P, Ancoli-Israel S, Arab L. Short sleep duration is associated with higher energy intake and expenditure among African-American and non-Hispanic white adults. *J Nutr*. 2014;144(4):461-6. Epub 2014/02/14. doi: 10.3945/jn.113.186890. PubMed PMID: 24523490; PMCID: PMC3952622.

53. Pettersson A, Graff RE, Ursin G, Santos Silva ID, McCormack V, Baglietto L, Vachon C, Bakker MF, Giles GG, Chia KS, Czene K, Eriksson L, Hall P, Hartman M, Warren RM, Hislop G, Chiarelli AM, Hopper JL, Krishnan K, Li J, Li Q, Pagano I, Rosner BA, Wong CS, Scott C, Stone J, Maskarinec G, Boyd NF, van Gils CH, Tamimi RM. Mammographic density phenotypes and risk of breast cancer: a meta-analysis. *J Natl Cancer Inst.* 2014;106(5). Epub 2014/05/13. doi: 10.1093/jnci/dju078. PubMed PMID: 24816206; PMCID: PMC4568991.
54. Purrington KS, Slettedahl S, Bolla MK, Michailidou K, Czene K, Nevanlinna H, Bojesen SE, Andrulis IL, Cox A, Hall P, Carpenter J, Yannoukakos D, Haiman CA, Fasching PA, Mannermaa A, Winqvist R, Brenner H, Lindblom A, Chenevix-Trench G, Benitez J, Swerdlow A, Kristensen V, Guenel P, Meindl A, Darabi H, Eriksson M, Fagerholm R, Aittomaki K, Blomqvist C, Nordestgaard BG, Nielsen SF, Flyger H, Wang X, Olswold C, Olson JE, Mulligan AM, Knight JA, Tchatchou S, Reed MW, Cross SS, Liu J, Li J, Humphreys K, Clarke C, Scott R, Investigators A, Fostira F, Fountzilas G, Konstantopoulou I, Henderson BE, Schumacher F, Le Marchand L, Ekici AB, Hartmann A, Beckmann MW, Hartikainen JM, Kosma VM, Kataja V, Jukkola-Vuorinen A, Pylkas K, Kauppila S, Dieffenbach AK, Stegmaier C, Arndt V, Margolin S, Australian Ovarian Cancer Study G, kConFab I, Balleine R, Arias Perez JI, Pilar Zamora M, Menendez P, Ashworth A, Jones M, Orr N, Arveux P, Kerbrat P, Truong T, Bugert P, Toland AE, Ambrosone CB, Labreche F, Goldberg MS, Dumont M, Ziogas A, Lee E, Dite GS, Apicella C, Southey MC, Long J, Shrubsole M, Deming-Halverson S, Ficarazzi F, Barile M, Peterlongo P, Durda K, Jaworska-Bieniek K, Tollenaar RA, Seynaeve C, Network G, Bruning T, Ko YD, Van Deurzen CH, Martens JW, Kriege M, Figueroa JD, Chanock SJ, Lissowska J, Tomlinson I, Kerin MJ, Miller N, Schneeweiss A, Tapper WJ, Gerty SM, Durcan L, McLean C, Milne RL, Baglietto L, dos Santos Silva I, Fletcher O, Johnson N, Van TVLJ, Cornelissen S, Forsti A, Torres D, Rudiger T, Rudolph A, Flesch-Janys D, Nickels S, Weltens C, Floris G, Moisse M, Dennis J, Wang Q, Dunning AM, Shah M, Brown J, Simard J, Anton-Culver H, Neuhausen SL, Hopper JL, Bogdanova N, Dork T, Zheng W, Radice P, Jakubowska A, Lubinski J, Devilee P, Brauch H, Hooning M, Garcia-Closas M, Sawyer E, Burwinkel B, Marmee F, Eccles DM, Giles GG, Peto J, Schmidt M, Broeks A, Hamann U, Chang-Claude J, Lambrechts D, Pharoah PD, Easton D, Pankratz VS, Slager S, Vachon CM, Couch FJ. Genetic variation in mitotic regulatory pathway genes is associated with breast tumor grade. *Hum Mol Genet.* 2014;23(22):6034-46. Epub 2014/06/15. doi: 10.1093/hmg/ddu300. PubMed PMID: 24927736; PMCID: PMC4204763.
55. Saunders EJ, Dadaev T, Leongamornlert DA, Jugurnauth-Little S, Tymrakiewicz M, Wiklund F, Al Olama AA, Benlloch S, Neal DE, Hamdy FC, Donovan JL, Giles GG, Severi G, Gronberg H, Aly M, Haiman CA, Schumacher F, Henderson BE, Lindstrom S, Kraft P, Hunter DJ, Gapstur S, Chanock S, Berndt SI, Albanes D, Andriole G, Schleutker J, Weischer M, Nordestgaard BG, Canzian F, Campa D, Riboli E, Key TJ, Travis RC, Ingles SA, John EM, Hayes RB, Pharoah P, Khaw KT, Stanford JL, Ostrander EA, Signorello LB, Thibodeau SN, Schaid D, Maier C, Kibel AS, Cybulski C, Cannon-Albright L, Brenner H, Park JY, Kaneva R, Batra J, Clements JA, Teixeira MR, Xu J, Mikropoulos C, Goh C, Govindasami K, Guy M, Wilkinson RA, Sawyer EJ, Morgan A, Initiative C-CG-E, Collaborators UKGPCS, Collaborators UKPS, Consortium P, Easton DF, Muir K, Eeles RA, Kote-Jarai Z. Fine-mapping the HOXB region detects common variants tagging a rare coding allele: evidence for synthetic association in

prostate cancer. *PLoS Genet.* 2014;10(2):e1004129. Epub 2014/02/20. doi: 10.1371/journal.pgen.1004129. PubMed PMID: 24550738; PMCID: PMC3923678.

56. Sawyer E, Roylance R, Petridis C, Brook MN, Nowinski S, Papouli E, Fletcher O, Pinder S, Hanby A, Kohut K, Gorman P, Caneppele M, Peto J, Dos Santos Silva I, Johnson N, Swann R, Dwek M, Perkins KA, Gillett C, Houlston R, Ross G, De Iso P, Southey MC, Hopper JL, Provenzano E, Apicella C, Wesseling J, Cornelissen S, Keeman R, Fasching PA, Jud SM, Ekici AB, Beckmann MW, Kerin MJ, Marme F, Schneeweiss A, Sohn C, Burwinkel B, Guenel P, Truong T, Laurent-Puig P, Kerbrat P, Bojesen SE, Nordestgaard BG, Nielsen SF, Flyger H, Milne RL, Perez JL, Menendez P, Benitez J, Brenner H, Dieffenbach AK, Arndt V, Stegmaier C, Meindl A, Lichtner P, Schmutzler RK, Lochmann M, Brauch H, Fischer HP, Ko YD, Network G, Nevanlinna H, Muranen TA, Aittomaki K, Blomqvist C, Bogdanova NV, Dork T, Lindblom A, Margolin S, Mannermaa A, Kataja V, Kosma VM, Hartikainen JM, Chenevix-Trench G, Investigators KC, Lambrechts D, Weltens C, Van Limbergen E, Hatse S, Chang-Claude J, Rudolph A, Seibold P, Flesch-Janys D, Radice P, Peterlongo P, Bonanni B, Volorio S, Giles GG, Severi G, Baglietto L, McLean CA, Haiman CA, Henderson BE, Schumacher F, Le Marchand L, Simard J, Goldberg MS, Labreche F, Dumont M, Kristensen V, Winqvist R, Pylkas K, Jukkola-Vuorinen A, Kauppila S, Andrulis IL, Knight JA, Glendon G, Mulligan AM, Devillee P, Tollenaar RA, Seynaeve CM, Kriege M, Figueroa J, Chanock SJ, Sherman ME, Hooning MJ, Hollestelle A, van den Ouweland AM, van Deurzen CH, Li J, Czene K, Humphreys K, Cox A, Cross SS, Reed MW, Shah M, Jakubowska A, Lubinski J, Jaworska-Bieniek K, Durda K, Swerdlow A, Ashworth A, Orr N, Schoemaker M, Couch FJ, Hallberg E, Gonzalez-Neira A, Pita G, Alonso MR, Tessier DC, Vincent D, Bacot F, Bolla MK, Wang Q, Dennis J, Michailidou K, Dunning AM, Hall P, Easton D, Pharoah P, Schmidt MK, Tomlinson I, Garcia-Closas M. Genetic predisposition to in situ and invasive lobular carcinoma of the breast. *PLoS Genet.* 2014;10(4):e1004285. Epub 2014/04/20. doi: 10.1371/journal.pgen.1004285. PubMed PMID: 24743323; PMCID: PMC3990493.
57. Schmit SL, Schumacher FR, Edlund CK, Conti DV, Raskin L, Lejbkowitz F, Pinchev M, Rennert HS, Jenkins MA, Hopper JL, Buchanan DD, Lindor NM, Le Marchand L, Gallinger S, Haile RW, Newcomb PA, Huang SC, Rennert G, Casey G, Gruber SB. A novel colorectal cancer risk locus at 4q32.2 identified from an international genome-wide association study. *Carcinogenesis.* 2014;35(11):2512-9. Epub 2014/07/16. doi: 10.1093/carcin/bgu148. PubMed PMID: 25023989; PMCID: PMC4271131.
58. Setiawan VW, Hernandez BY, Lu SC, Stram DO, Wilkens LR, Le Marchand L, Henderson BE. Diabetes and racial/ethnic differences in hepatocellular carcinoma risk: the multiethnic cohort. *J Natl Cancer Inst.* 2014;106(12). Epub 2014/10/19. doi: 10.1093/jnci/dju326. PubMed PMID: 25326644; PMCID: PMC4334798.
59. Setiawan VW, Schumacher F, Prescott J, Haessler J, Malinowski J, Wentzensen N, Yang H, Chanock S, Brinton L, Hartge P, Lissowska J, Park SL, Cheng I, Bush WS, Crawford DC, Ursin G, Horn-Ross P, Bernstein L, Lu L, Risch H, Yu H, Sakoda LC, Doherty J, Chen C, Jackson R, Yasmeen S, Cote M, Kocarnik JM, Peters U, Kraft P, De Vivo I, Haiman CA, Kooperberg C, Le Marchand L. Cross-cancer pleiotropic analysis of endometrial cancer: PAGE and E2C2 consortia. *Carcinogenesis.* 2014;35(9):2068-73. Epub 2014/05/17. doi:

- 10.1093/carcin/bgu107. PubMed PMID: 24832084; PMCID: PMC4146418.
60. Sharma S, Kolaheer F, Vik S, Green DM, Kolonel LN. Fruits, vegetables, and hypertensive disease mortality. *Epidemiology*. 2014;25(2):317-9. Epub 2014/02/04. doi: 10.1097/EDE.0000000000000061. PubMed PMID: 24487224; PMCID: PMC5021510.
  61. Sharma S, Sheehy T, Kolonel L. Sources of vegetables, fruits and vitamins A, C and E among five ethnic groups: results from a multiethnic cohort study. *Eur J Clin Nutr*. 2014;68(3):384-91. Epub 2014/01/09. doi: 10.1038/ejcn.2013.271. PubMed PMID: 24398639; PMCID: PMC4933301.
  62. Sharma S, Vik S, Kolonel LN. Fruit and vegetable consumption, ethnicity and risk of fatal ischemic heart disease. *The journal of nutrition, health & aging*. 2014;18(6):573-8. Epub 2014/06/21. doi: 10.1007/s12603-014-0010-x. PubMed PMID: 24950146; PMCID: PMC5025250.
  63. Shui IM, Lindstrom S, Kibel AS, Berndt SI, Campa D, Gerke T, Penney KL, Albanes D, Berg C, Bueno-de-Mesquita HB, Chanock S, Crawford ED, Diver WR, Gapstur SM, Gaziano JM, Giles GG, Henderson B, Hoover R, Johansson M, Le Marchand L, Ma J, Navarro C, Overvad K, Schumacher FR, Severi G, Siddiq A, Stampfer M, Stevens VL, Travis RC, Trichopoulos D, Vineis P, Mucci LA, Yeager M, Giovannucci E, Kraft P. Prostate cancer (PCa) risk variants and risk of fatal PCa in the National Cancer Institute Breast and Prostate Cancer Cohort Consortium. *Eur Urol*. 2014;65(6):1069-75. Epub 2014/01/15. doi: 10.1016/j.eururo.2013.12.058. PubMed PMID: 24411283; PMCID: PMC4006298.
  64. Wang H, Burnett T, Kono S, Haiman CA, Iwasaki M, Wilkens LR, Loo LW, Van Den Berg D, Kolonel LN, Henderson BE, Keku TO, Sandler RS, Signorello LB, Blot WJ, Newcomb PA, Pande M, Amos CI, West DW, Bezieau S, Berndt SI, Zanke BW, Hsu L, Genetics, Epidemiology of Colorectal Cancer C, Lindor NM, Haile RW, Hopper JL, Jenkins MA, Gallinger S, Casey G, Colon Cancer Family R, Stenzel SL, Schumacher FR, Peters U, Gruber SB, Colorectal Transdisciplinary S, Tsugane S, Stram DO, Le Marchand L. Trans-ethnic genome-wide association study of colorectal cancer identifies a new susceptibility locus in VT1A. *Nat Commun*. 2014;5:4613. Epub 2014/08/12. doi: 10.1038/ncomms5613. PubMed PMID: 25105248; PMCID: PMC4180879.
  65. Wang Z, Zhu B, Zhang M, Parikh H, Jia J, Chung CC, Sampson JN, Hoskins JW, Hutchinson A, Burdette L, Ibrahim A, Hautman C, Raj PS, Abnet CC, Adjei AA, Ahlbom A, Albanes D, Allen NE, Ambrosone CB, Aldrich M, Amiano P, Amos C, Andersson U, Andriole G, Jr., Andrulis IL, Arici C, Arslan AA, Austin MA, Baris D, Barkauskas DA, Bassig BA, Beane Freeman LE, Berg CD, Berndt SI, Bertazzi PA, Biritwum RB, Black A, Blot W, Boeing H, Boffetta P, Bolton K, Boutron-Ruault MC, Bracci PM, Brennan P, Brinton LA, Brotzman M, Bueno-de-Mesquita HB, Buring JE, Butler MA, Cai Q, Cancel-Tassin G, Canzian F, Cao G, Caporaso NE, Carrato A, Carreon T, Carta A, Chang GC, Chang IS, Chang-Claude J, Che X, Chen CJ, Chen CY, Chen CH, Chen C, Chen KY, Chen YM, Chokkalingam AP, Chu LW, Clavel-Chapelon F, Colditz GA, Colt JS, Conti D, Cook MB, Cortessis VK, Crawford ED, Cussenot O, Davis FG, De Vivo I, Deng X, Ding T, Dinney CP, Di Stefano AL, Diver WR, Duell EJ, Elena JW, Fan JH, Feigelson HS,



Feychting M, Figueroa JD, Flanagan AM, Fraumeni JF, Jr., Freedman ND, Fridley BL, Fuchs CS, Gago-Dominguez M, Gallinger S, Gao YT, Gapstur SM, Garcia-Closas M, Garcia-Closas R, Gastier-Foster JM, Gaziano JM, Gerhard DS, Giffen CA, Giles GG, Gillanders EM, Giovannucci EL, Goggins M, Gokgoz N, Goldstein AM, Gonzalez C, Gorlick R, Greene MH, Gross M, Grossman HB, Grubb R, 3rd, Gu J, Guan P, Haiman CA, Hallmans G, Hankinson SE, Harris CC, Hartge P, Hattinger C, Hayes RB, He Q, Helman L, Henderson BE, Henriksson R, Hoffman-Bolton J, Hohensee C, Holly EA, Hong YC, Hoover RN, Hosgood HD, 3rd, Hsiao CF, Hsing AW, Hsiung CA, Hu N, Hu W, Hu Z, Huang MS, Hunter DJ, Inskip PD, Ito H, Jacobs EJ, Jacobs KB, Jenab M, Ji BT, Johansen C, Johansson M, Johnson A, Kaaks R, Kamat AM, Kamineni A, Karagas M, Khanna C, Khaw KT, Kim C, Kim IS, Kim JH, Kim YH, Kim YC, Kim YT, Kang CH, Jung YJ, Kitahara CM, Klein AP, Klein R, Kogevinas M, Koh WP, Kohno T, Kolonel LN, Kooperberg C, Kratz CP, Krogh V, Kunitoh H, Kurtz RC, Kurucu N, Lan Q, Lathrop M, Lau CC, Lecanda F, Lee KM, Lee MP, Le Marchand L, Lerner SP, Li D, Liao LM, Lim WY, Lin D, Lin J, Lindstrom S, Linet MS, Lissowska J, Liu J, Ljungberg B, Lloreta J, Lu D, Ma J, Malats N, Mannisto S, Marina N, Mastrangelo G, Matsuo K, McGlynn KA, McKean-Cowdin R, McNeill LH, McWilliams RR, Melin BS, Meltzer PS, Mensah JE, Miao X, Michaud DS, Mondul AM, Moore LE, Muir K, Niwa S, Olson SH, Orr N, Panico S, Park JY, Patel AV, Patino-Garcia A, Pavanello S, Peeters PH, Peplonska B, Peters U, Petersen GM, Picci P, Pike MC, Porru S, Prescott J, Pu X, Purdue MP, Qiao YL, Rajaraman P, Riboli E, Risch HA, Rodabough RJ, Rothman N, Ruder AM, Ryu JS, Sanson M, Schned A, Schumacher FR, Schwartz AG, Schwartz KL, Schwenn M, Scotlandi K, Seow A, Serra C, Serra M, Sesso HD, Severi G, Shen H, Shen M, Shete S, Shiraishi K, Shu XO, Siddiq A, Sierrasesumaga L, Sierrri S, Loon Sihoe AD, Silverman DT, Simon M, Southey MC, Spector L, Spitz M, Stampfer M, Stattin P, Stern MC, Stevens VL, Stolzenberg-Solomon RZ, Stram DO, Strom SS, Su WC, Sund M, Sung SW, Swerdlow A, Tan W, Tanaka H, Tang W, Tang ZZ, Tardon A, Tay E, Taylor PR, Tettey Y, Thomas DM, Tirabosco R, Tjonneland A, Tobias GS, Toro JR, Travis RC, Trichopoulos D, Troisi R, Truelove A, Tsai YH, Tucker MA, Tumino R, Van Den Berg D, Van Den Eeden SK, Vermeulen R, Vineis P, Visvanathan K, Vogel U, Wang C, Wang C, Wang J, Wang SS, Weiderpass E, Weinstein SJ, Wentzensen N, Wheeler W, White E, Wiencke JK, Wolk A, Wolpin BM, Wong MP, Wrensch M, Wu C, Wu T, Wu X, Wu YL, Wunder JS, Xiang YB, Xu J, Yang HP, Yang PC, Yatabe Y, Ye Y, Yeboah ED, Yin Z, Ying C, Yu CJ, Yu K, Yuan JM, Zanetti KA, Zeleniuch-Jacquotte A, Zheng W, Zhou B, Mirabello L, Savage SA, Kraft P, Chanock SJ, Yeager M, Landi MT, Shi J, Chatterjee N, Amundadottir LT. Imputation and subset-based association analysis across different cancer types identifies multiple independent risk loci in the TERT-CLPTM1L region on chromosome 5p15.33. *Hum Mol Genet.* 2014;23(24):6616-33. Epub 2014/07/17. doi: 10.1093/hmg/ddu363. PubMed PMID: 25027329; PMCID: PMC4240198.

66. Wolpin BM, Rizzato C, Kraft P, Kooperberg C, Petersen GM, Wang Z, Arslan AA, Beane-Freeman L, Bracci PM, Buring J, Canzian F, Duell EJ, Gallinger S, Giles GG, Goodman GE, Goodman PJ, Jacobs EJ, Kamineni A, Klein AP, Kolonel LN, Kulke MH, Li D, Malats N, Olson SH, Risch HA, Sesso HD, Visvanathan K, White E, Zheng W, Abnet CC, Albanes D, Andreotti G, Austin MA, Barfield R, Basso D, Berndt SI, Boutron-Ruault MC, Brozman M, Buchler MW, Bueno-de-Mesquita HB, Bugert P, Burdette L, Campa D, Caporaso NE,

Capurso G, Chung C, Cotterchio M, Costello E, Elena J, Funel N, Gaziano JM, Giese NA, Giovannucci EL, Goggins M, Gorman MJ, Gross M, Haiman CA, Hassan M, Helzlsouer KJ, Henderson BE, Holly EA, Hu N, Hunter DJ, Innocenti F, Jenab M, Kaaks R, Key TJ, Khaw KT, Klein EA, Kogevinas M, Krogh V, Kupcinskis J, Kurtz RC, LaCroix A, Landi MT, Landi S, Le Marchand L, Mambrini A, Mannisto S, Milne RL, Nakamura Y, Oberg AL, Owzar K, Patel AV, Peeters PH, Peters U, Pezzilli R, Piepoli A, Porta M, Real FX, Riboli E, Rothman N, Scarpa A, Shu XO, Silverman DT, Soucek P, Sund M, Talar-Wojnarowska R, Taylor PR, Theodoropoulos GE, Thornquist M, Tjonneland A, Tobias GS, Trichopoulos D, Vodicka P, Wactawski-Wende J, Wentzensen N, Wu C, Yu H, Yu K, Zeleniuch-Jacquotte A, Hoover R, Hartge P, Fuchs C, Chanock SJ, Stolzenberg-Solomon RS, Amundadottir LT. Genome-wide association study identifies multiple susceptibility loci for pancreatic cancer. *Nat Genet.* 2014;46(9):994-1000. Epub 2014/08/05. doi: 10.1038/ng.3052. PubMed PMID: 25086665; PMCID: PMC4191666.

67. Wood AR, Esko T, Yang J, Vedantam S, Pers TH, Gustafsson S, Chu AY, Estrada K, Luan J, Kutalik Z, Amin N, Buchkovich ML, Croteau-Chonka DC, Day FR, Duan Y, Fall T, Fehrmann R, Ferreira T, Jackson AU, Karjalainen J, Lo KS, Locke AE, Magi R, Mihailov E, Porcu E, Randall JC, Scherag A, Vinkhuyzen AA, Westra HJ, Winkler TW, Workalemahu T, Zhao JH, Absher D, Albrecht E, Anderson D, Baron J, Beekman M, Demirkan A, Ehret GB, Feenstra B, Feitosa MF, Fischer K, Fraser RM, Goel A, Gong J, Justice AE, Kanoni S, Kleber ME, Kristiansson K, Lim U, Lotay V, Lui JC, Mangino M, Mateo Leach I, Medina-Gomez C, Nalls MA, Nyholt DR, Palmer CD, Pasko D, Pechlivanis S, Prokopenko I, Ried JS, Ripke S, Shungin D, Stancakova A, Strawbridge RJ, Sung YJ, Tanaka T, Teumer A, Trompet S, van der Laan SW, van Setten J, Van Vliet-Ostaptchouk JV, Wang Z, Yengo L, Zhang W, Afzal U, Arnlov J, Arscott GM, Bandinelli S, Barrett A, Bellis C, Bennett AJ, Berne C, Blucher M, Bolton JL, Bottcher Y, Boyd HA, Bruinenberg M, Buckley BM, Buyske S, Caspersen IH, Chines PS, Clarke R, Claudi-Boehm S, Cooper M, Daw EW, De Jong PA, Deelen J, Delgado G, Denny JC, Dhonukshe-Rutten R, Dimitriou M, Doney AS, Dorr M, Eklund N, Eury E, Folkersen L, Garcia ME, Geller F, Giedraitis V, Go AS, Grallert H, Grammer TB, Grassler J, Gronberg H, de Groot LC, Groves CJ, Haessler J, Hall P, Haller T, Hallmans G, Hannemann A, Hartman CA, Hassinen M, Hayward C, Heard-Costa NL, Helmer Q, Hemani G, Henders AK, Hillege HL, Hlatky MA, Hoffmann W, Hoffmann P, Holmen O, Houwing-Duistermaat JJ, Illig T, Isaacs A, James AL, Jeff J, Johansen B, Johansson A, Jolley J, Juliusdottir T, Junttila J, Kho AN, Kinnunen L, Klopp N, Kocher T, Kratzer W, Lichtner P, Lind L, Lindstrom J, Lobbens S, Lorentzon M, Lu Y, Lyssenko V, Magnusson PK, Mahajan A, Maillard M, McArdle WL, McKenzie CA, McLachlan S, McLaren PJ, Menni C, Merger S, Milani L, Moayyeri A, Monda KL, Morken MA, Muller G, Muller-Nurasyid M, Musk AW, Narisu N, Nauck M, Nolte IM, Nothen MM, Oozageer L, Pilz S, Rayner NW, Renstrom F, Robertson NR, Rose LM, Roussel R, Sanna S, Scharnagl H, Scholtens S, Schumacher FR, Schunkert H, Scott RA, Sehmi J, Seufferlein T, Shi J, Silventoinen K, Smit JH, Smith AV, Smolonska J, Stanton AV, Stirrups K, Stott DJ, Stringham HM, Sundstrom J, Swertz MA, Syvanen AC, Tayo BO, Thorleifsson G, Tyrer JP, van Dijk S, van Schoor NM, van der Velde N, van Heemst D, van Oort FV, Vermeulen SH, Verweij N, Vonk JM, Waite LL, Waldenberger M, Wennauer R, Wilkens LR, Willenborg C, Wilsgaard T, Wojczynski MK, Wong A, Wright AF, Zhang Q, Arveiler D, Bakker SJ, Beilby J, Bergman RN,

Bergmann S, Biffar R, Blangero J, Boomsma DI, Bornstein SR, Bovet P, Brambilla P, Brown MJ, Campbell H, Caulfield MJ, Chakravarti A, Collins R, Collins FS, Crawford DC, Cupples LA, Danesh J, de Faire U, den Ruijter HM, Erbel R, Erdmann J, Eriksson JG, Farrall M, Ferrannini E, Ferrieres J, Ford I, Forouhi NG, Forrester T, Gansevoort RT, Gejman PV, Gieger C, Golay A, Gottesman O, Gudnason V, Gyllensten U, Haas DW, Hall AS, Harris TB, Hattersley AT, Heath AC, Hengstenberg C, Hicks AA, Hindorff LA, Hingorani AD, Hofman A, Hovingh GK, Humphries SE, Hunt SC, Hypponen E, Jacobs KB, Jarvelin MR, Jousilahti P, Jula AM, Kaprio J, Kastelein JJ, Kayser M, Kee F, Keinanen-Kiukaanniemi SM, Kiemeny LA, Kooner JS, Kooperberg C, Koskinen S, Kovacs P, Kraja AT, Kumari M, Kuusisto J, Lakka TA, Langenberg C, Le Marchand L, Lehtimaki T, Lupoli S, Madden PA, Mannisto S, Manunta P, Marette A, Matisse TC, McKnight B, Meitinger T, Moll FL, Montgomery GW, Morris AD, Morris AP, Murray JC, Nelis M, Ohlsson C, Oldehinkel AJ, Ong KK, Ouwehand WH, Pasterkamp G, Peters A, Pramstaller PP, Price JF, Qi L, Raitakari OT, Rankinen T, Rao DC, Rice TK, Ritchie M, Rudan I, Salomaa V, Samani NJ, Saramies J, Sarzynski MA, Schwarz PE, Sebert S, Sever P, Shuldiner AR, Sinisalo J, Steinthorsdottir V, Stolk RP, Tardif JC, Tonjes A, Tremblay A, Tremoli E, Virtamo J, Vohl MC, Electronic Medical R, Genomics C, Consortium MI, Consortium P, Lifelines Cohort S, Amouyel P, Asselbergs FW, Assimes TL, Bochud M, Boehm BO, Boerwinkle E, Bottinger EP, Bouchard C, Cauchi S, Chambers JC, Chanock SJ, Cooper RS, de Bakker PI, Dedoussis G, Ferrucci L, Franks PW, Froguel P, Groop LC, Haiman CA, Hamsten A, Hayes MG, Hui J, Hunter DJ, Hveem K, Jukema JW, Kaplan RC, Kivimaki M, Kuh D, Laakso M, Liu Y, Martin NG, Marz W, Melbye M, Moebus S, Munroe PB, Njolstad I, Oostra BA, Palmer CN, Pedersen NL, Perola M, Perusse L, Peters U, Powell JE, Power C, Quertermous T, Rauramaa R, Reinmaa E, Ridker PM, Rivadeneira F, Rotter JJ, Saaristo TE, Saleheen D, Schlessinger D, Slagboom PE, Snieder H, Spector TD, Strauch K, Stumvoll M, Tuomilehto J, Uusitupa M, van der Harst P, Volzke H, Walker M, Wareham NJ, Watkins H, Wichmann HE, Wilson JF, Zanen P, Deloukas P, Heid IM, Lindgren CM, Mohlke KL, Speliotes EK, Thorsteinsdottir U, Barroso I, Fox CS, North KE, Strachan DP, Beckmann JS, Berndt SI, Boehnke M, Borecki IB, McCarthy MI, Metspalu A, Stefansson K, Uitterlinden AG, van Duijn CM, Franke L, Willer CJ, Price AL, Lettre G, Loos RJ, Weedon MN, Ingelsson E, O'Connell JR, Abecasis GR, Chasman DI, Goddard ME, Visscher PM, Hirschhorn JN, Frayling TM. Defining the role of common variation in the genomic and biological architecture of adult human height. *Nat Genet.* 2014;46(11):1173-86. Epub 2014/10/06. doi: 10.1038/ng.3097. PubMed PMID: 25282103; PMCID: PMC4250049.

68. Woolcott CG, Conroy SM, Nagata C, Ursin G, Vachon CM, Yaffe MJ, Pagano IS, Byrne C, Maskarinec G. Methods for assessing and representing mammographic density: an analysis of 4 case-control studies. *Am J Epidemiol.* 2014;179(2):236-44. Epub 2013/10/15. doi: 10.1093/aje/kwt238. PubMed PMID: 24124193; PMCID: PMC3873107.
69. Zhang B, Jia WH, Matsuda K, Kweon SS, Matsuo K, Xiang YB, Shin A, Jee SH, Kim DH, Cai Q, Long J, Shi J, Wen W, Yang G, Zhang Y, Li C, Li B, Guo Y, Ren Z, Ji BT, Pan ZZ, Takahashi A, Shin MH, Matsuda F, Gao YT, Oh JH, Kim S, Ahn YO, Genetics, Epidemiology of Colorectal Cancer C, Chan AT, Chang-Claude J, Slattery ML, Colorectal Transdisciplinary S, Gruber SB, Schumacher FR, Stenzel SL, Colon Cancer Family R, Casey G, Kim HR, Jeong JY, Park JW, Li HL, Hosono S, Cho SH, Kubo M, Shu XO, Zeng YX, Zheng W. Large-scale genetic study in East

Asians identifies six new loci associated with colorectal cancer risk. *Nat Genet.* 2014;46(6):533-42. Epub 2014/05/20. doi: 10.1038/ng.2985. PubMed PMID: 24836286; PMCID: PMC4068797.