

Common Genetic Variants Highlight the Role of Insulin Distribution in Type 2 Diabetes, Independent of Obesity

Diabetes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Genetic Evidence for a Normal-Weight "Metabolically Obese" Phenotype Linking Insulin Resistance, Hypertension, Coronary Artery Disease, and Type 2 Diabetes. <i>Diabetes</i> , 2014, 63, 4369-4377.	0.3	185
2	Genetics of insulin resistance in polycystic ovary syndrome. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015, 18, 401-406.	1.3	8
3	Evidence of a Causal Association Between Insulinemia and Endometrial Cancer: A Mendelian Randomization Analysis. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	3.0	129
4	Lean diabetes mellitus: An emerging entity in the era of obesity. <i>World Journal of Diabetes</i> , 2015, 6, 613.	1.3	113
5	Associations between Potentially Modifiable Risk Factors and Alzheimer Disease: A Mendelian Randomization Study. <i>PLoS Medicine</i> , 2015, 12, e1001841.	3.9	153
6	BMP4 and BMP Antagonists Regulate Human White and Beige Adipogenesis. <i>Diabetes</i> , 2015, 64, 1670-1681.	0.3	167
7	Elevated Serum Advanced Glycation Endproducts in Obese Indicate Risk for the Metabolic Syndrome: A Link Between Healthy and Unhealthy Obesity?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1957-1966.	1.8	109
8	Insulin resistance and impaired adipogenesis. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 193-200.	3.1	283
9	Genetic Markers of Insulin Sensitivity and Insulin Secretion Are Associated With Spontaneous Postnatal Growth and Response to Growth Hormone Treatment in Short SGA Children: the North European SGA Study (NESGAS). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E503-E507.	1.8	10
10	Triglyceride-Increasing Alleles Associated with Protection against Type-2 Diabetes. <i>PLoS Genetics</i> , 2015, 11, e1005204.	1.5	21
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12	Abdominal obesity: a marker of ectopic fat accumulation. <i>Journal of Clinical Investigation</i> , 2015, 125, 1790-1792.	3.9	223
13	The genetics of lipid storage and human lipodystrophies. <i>Trends in Molecular Medicine</i> , 2015, 21, 433-438.	3.5	53
14	The diabetes gene <i>Zfp69</i> modulates hepatic insulin sensitivity in mice. <i>Diabetologia</i> , 2015, 58, 2403-2413.	2.9	20
15	Causal mechanisms and balancing selection inferred from genetic associations with polycystic ovary syndrome. <i>Nature Communications</i> , 2015, 6, 8464.	5.8	304
16	Replacing SNAP-25b with SNAP-25a expression results in metabolic disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4326-35.	3.3	29
17	Protein Biomarkers for Insulin Resistance and Type 2 Diabetes Risk in Two Large Community Cohorts. <i>Diabetes</i> , 2016, 65, 276-284.	0.3	100
18	Polymorphism of the Transcription Factor 7-Like 2 Gene (TCF7L2) Interacts with Obesity on Type-2 Diabetes in the PREDIMED Study Emphasizing the Heterogeneity of Genetic Variants in Type-2 Diabetes Risk Prediction: Time for Obesity-Specific Genetic Risk Scores. <i>Nutrients</i> , 2016, 8, 793.	1.7	38

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19	Genome-Wide Interaction with Insulin Secretion Loci Reveals Novel Loci for Type 2 Diabetes in African Americans. PLoS ONE, 2016, 11, e0159977.	1.1	7
20	Type 2 diabetes: genetic data sharing to advance complex disease research. Nature Reviews Genetics, 2016, 17, 535-549.	7.7	128
21	Genetic risk scores link body fat distribution with specific cardiometabolic profiles. Obesity, 2016, 24, 1778-1785.	1.5	2
22	Characterization of the role of sphingomyelin synthase 2 in glucose metabolism in whole-body and peripheral tissues in mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 688-702.	1.2	33
23	Evaluation of type 2 diabetes genetic risk variants in Chinese adults: findings from 93,000 individuals from the China Kadoorie Biobank. Diabetologia, 2016, 59, 1446-1457.	2.9	41
24	Genetic Evidence for a Link Between Favorable Adiposity and Lower Risk of Type 2 Diabetes, Hypertension, and Heart Disease. Diabetes, 2016, 65, 2448-2460.	0.3	122
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29	Phenotypes of prediabetes and stratification of cardiometabolic risk. Lancet Diabetes and Endocrinology, 2016, 4, 789-798.	5.5	164
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31	Metabolic health and weight: Understanding metabolically unhealthy normal weight or metabolically healthy obese patients. Metabolism: Clinical and Experimental, 2016, 65, 73-80.	1.5	131
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33	Metabolically healthy obese individuals: Key protective factors. Nutrition, 2016, 32, 14-20.	1.1	56
34	Genetic evidence of a causal effect of insulin resistance on branched-chain amino acid levels. Diabetologia, 2017, 60, 873-878.	2.9	119
35	Genetic risk scores in the prediction of plasma glucose, impaired insulin secretion, insulin resistance and incident type 2 diabetes in the METSIM study. Diabetologia, 2017, 60, 1722-1730.	2.9	26
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37	Genetic Support for a Causal Role of Insulin Resistance on Circulating Branched-Chain Amino Acids and Inflammation. <i>Diabetes Care</i> , 2017, 40, 1779-1786.	4.3	141
38	Plasma Mannose Levels Are Associated with Incident Type 2 Diabetes and Cardiovascular Disease. <i>Cell Metabolism</i> , 2017, 26, 281-283.	7.2	85
39	Causes, Characteristics, and Consequences of Metabolically Unhealthy Normal Weight in Humans. <i>Cell Metabolism</i> , 2017, 26, 292-300.	7.2	388
40	Genetic risk of prediabetes and diabetes development in chronic myeloid leukemia patients treated with nilotinib. <i>Experimental Hematology</i> , 2017, 55, 71-75.	0.2	2
41	The metabolic syndrome- associated small G protein ARL15 plays a role in adipocyte differentiation and adiponectin secretion. <i>Scientific Reports</i> , 2017, 7, 17593.	1.6	24
42	MAP4K4 and IL-6+ Th17 cells play important roles in non-obese type 2 diabetes. <i>Journal of Biomedical Science</i> , 2017, 24, 4.	2.6	12
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50	Implications of publicly available genomic data resources in searching for therapeutic targets of obesity and type 2 diabetes. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-13.	3.2	2
51	A Common Allele in FGF21 Associated with Sugar Intake Is Associated with Body Shape, Lower Total Body-Fat Percentage, and Higher Blood Pressure. <i>Cell Reports</i> , 2018, 23, 327-336.	2.9	76
52	Heterogeneity in effects of genetically determined adiposity on insulin resistance and type 2 diabetes: The atherosclerosis risk in communities study. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 330-334.	1.2	3
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56	Dynamic status of metabolically healthy overweight/obesity and metabolically unhealthy and normal weight and the risk of type 2 diabetes mellitus: A cohort study of a rural adult Chinese population. <i>Obesity Research and Clinical Practice</i> , 2018, 12, 61-71.	0.8	40
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59	Association of Genetic Variants Related to Gluteofemoral vs Abdominal Fat Distribution With Type 2 Diabetes, Coronary Disease, and Cardiovascular Risk Factors. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 2553.	3.8	152
60	Pancreatic fat deposition is increased and related to beta-cell function in women with familial partial lipodystrophy. <i>Diabetology and Metabolic Syndrome</i> , 2018, 10, 71.	1.2	9
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62	Prioritising Risk Factors for Type 2 Diabetes: Causal Inference through Genetic Approaches. <i>Current Diabetes Reports</i> , 2018, 18, 40.	1.7	4
63	Evidence of genetic predisposition for metabolically healthy obesity and metabolically obese normal weight. <i>Physiological Genomics</i> , 2018, 50, 169-178.	1.0	38
64	Impaired Adipogenesis and Dysfunctional Adipose Tissue in Human Hypertrophic Obesity. <i>Physiological Reviews</i> , 2018, 98, 1911-1941.	13.1	285
65	A coding and non-coding transcriptomic perspective on the genomics of human metabolic disease. <i>Nucleic Acids Research</i> , 2018, 46, 7772-7792.	6.5	41
66	Discordant association of the CREBRF rs373863828 A allele with increased BMI and protection from type 2 diabetes in Māori and Pacific (Polynesian) people living in Aotearoa/New Zealand. <i>Diabetologia</i> , 2018, 61, 1603-1613.	2.9	61
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70	Nutrigenomics and personalized nutrition for the prevention of hyperglycemia and type 2 diabetes mellitus. , 2019, , 339-352.		1
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72	Sex-specific Mendelian randomization study of genetically predicted insulin and cardiovascular events in the UK Biobank. <i>Communications Biology</i> , 2019, 2, 332.	2.0	22

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74	Association Between Genetic Risk and Development of Type 2 Diabetes in a General Japanese Population: The Hisayama Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3213-3222.	1.8	12
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81	Metabolically healthy versus metabolically unhealthy obesity. <i>Metabolism: Clinical and Experimental</i> , 2019, 92, 51-60.	1.5	251
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85	Functional Screening of Candidate Causal Genes for Insulin Resistance in Human Preadipocytes and Adipocytes. <i>Circulation Research</i> , 2020, 126, 330-346.	2.0	49
86	Classification of Type 2 Diabetes Genetic Variants and a Novel Genetic Risk Score Association With Insulin Clearance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1251-1260.	1.8	15
87	Participation of white adipose tissue dysfunction on circulating HDL cholesterol and HDL particle size in apparently healthy humans. <i>International Journal of Obesity</i> , 2020, 44, 920-928.	1.6	5
88	Meta-analysis investigating the role of interleukin-6 mediated inflammation in type 2 diabetes. <i>EBioMedicine</i> , 2020, 61, 103062.	2.7	46
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92	Sex-specific associations of insulin resistance with chronic kidney disease and kidney function: a bi-directional Mendelian randomisation study. <i>Diabetologia</i> , 2020, 63, 1554-1563.	2.9	9
93	Ethnic differences in adiposity and diabetes risk – insights from genetic studies. <i>Journal of Internal Medicine</i> , 2020, 288, 271-283.	2.7	42
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103	Investigation of glycaemic traits in psychiatric disorders using Mendelian randomisation revealed a causal relationship with anorexia nervosa. <i>Neuropsychopharmacology</i> , 2021, 46, 1093-1102.	2.8	20
104	A Journey in Diabetes: From Clinical Physiology to Novel Therapeutics: The 2020 Banting Medal for Scientific Achievement Lecture. <i>Diabetes</i> , 2021, 70, 338-346.	0.3	14
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106	Metabolically healthy obesity and metabolically obese normal weight: a review. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 175-189.	1.3	28
107	Genetic Diversity of Insulin Resistance and Metabolic Syndrome. , 0, , .		1
108	The Association Between Insulin Resistance, Leptin, and Resistin and Diabetic Nephropathy in Type 2 Diabetes Mellitus Patients with Different Body Mass Indexes. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 2357-2365.	1.1	5

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110	Birth weight was associated positively with gluteofemoral fat mass and inversely with 2-h postglucose insulin concentrations, a marker of insulin resistance, in young normal-weight Japanese women. <i>Diabetology International</i> , 2022, 13, 375-380.	0.7	3
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119	Genetics Insights in the Relationship Between Type 2 Diabetes and Coronary Heart Disease. <i>Circulation Research</i> , 2020, 126, 1526-1548.	2.0	58
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121	The long road to leptin. <i>Journal of Clinical Investigation</i> , 2016, 126, 4727-4734.	3.9	206
122	Microsatellite and Single Nucleotide Polymorphisms in the Insulin-Like Growth Factor 1 Promoter with Insulin Sensitivity and Insulin Secretion. <i>Medical Science Monitor</i> , 2017, 23, 3722-3736.	0.5	7
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131	Adiposity and insulin resistance as mediators between age at menarche and type 2 diabetes mellitus. <i>Menopause</i> , 2020, 27, 579-585.	0.8	5
132	Causes and Consequences of Polycystic Ovary Syndrome: Insights From Mendelian Randomization. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e899-e911.	1.8	31

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133	Could personalised risk prediction for type 2 diabetes using polygenic risk scores direct prevention, enhance diagnostics, or improve treatment?. Wellcome Open Research, 0, 5, 206.	0.9	4
134	Palmitoylated small GTPase ARL15 is translocated within Golgi network during adipogenesis. <i>Biology Open</i> , 2021, 10, .	0.6	9
135	<i>Astragalus hamosus</i> Acts as an Insulin Sensitizer in the Treatment of Polycystic Ovary Syndrome Rat Models by Affecting <i>IRS1</i> Expression. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2022, 22, 348-356.	0.6	3
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139	Effects of glycemic traits on left ventricular structure and function: a mendelian randomization study. <i>Cardiovascular Diabetology</i> , 2022, 21, .	2.7	6
140	The Harm of Metabolically Healthy Obese and the Effect of Exercise on Their Health Promotion. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	5
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142	Reduced gluteofemoral (subcutaneous) fat mass in young Japanese women with family history of type 2 diabetes: an exploratory analysis. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
143	SEPT9 Upregulation in Satellite Glial Cells Associated with Diabetic Polyneuropathy in a Type 2 Diabetes-like Rat Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9372.	1.8	4
144	Multiancestry exome sequencing reveals INHBE mutations associated with favorable fat distribution and protection from diabetes. <i>Nature Communications</i> , 2022, 13, .	5.8	18
146	Factores asociados al fenotipo delgado metabólicamente obeso en pobladores peruanos. <i>Medicina Clínica Y Social</i> , 2022, 6, 123-131.	0.1	0
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149	Effects of Chicken Serum Metabolite Treatment on the Blood Glucose Control and Inflammatory Response in Streptozotocin-Induced Type 2 Diabetes Mellitus Rats. <i>International Journal of Molecular Sciences</i> , 2023, 24, 523.	1.8	0
150	Metabolically healthy obesity: Misleading phrase or healthy phenotype?. <i>European Journal of Internal Medicine</i> , 2023, 111, 5-20.	1.0	14
151	The Prevalence of Metabolically Unhealthy Normal Weight and Its Influence on the Risk of Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2023, 108, 2240-2247.	1.8	1

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152	Multi-trait genome-wide association study identifies a novel endometrial cancer risk locus that associates with testosterone levels. <i>IScience</i> , 2023, 26, 106590.	1.9	1