

# Low copy number of the salivary amylase gene predispo

Nature Genetics

46, 492-497

DOI: [10.1038/ng.2939](https://doi.org/10.1038/ng.2939)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Future management of human obesity: understanding the meaning of genetic susceptibility. <i>Advances in Genomics and Genetics</i> , 0, , 219.	0.8	4
2	CNVnet. , 2014, , .		1
3	Copy number variants in AMY1 connected with obesity via carbohydrate metabolism. <i>Nature Reviews Endocrinology</i> , 2014, 10, 312-312.	4.3	2
4	New genes contribute to genetic and phenotypic novelties in human evolution. <i>Current Opinion in Genetics and Development</i> , 2014, 29, 90-96.	1.5	56
5	Rare and low-frequency variants in human common diseases and other complex traits. <i>Journal of Medical Genetics</i> , 2014, 51, 705-714.	1.5	29
6	Detection of genome-wide copy number variations in two chicken lines divergently selected for abdominal fat content. <i>BMC Genomics</i> , 2014, 15, 517.	1.2	37
7	Geographic Distribution and Adaptive Significance of Genomic Structural Variants: An Anthropological Genetics Perspective. <i>Human Biology</i> , 2014, 86, 260.	0.4	11
8	Copy number variations in the genome of the Qatari population. <i>BMC Genomics</i> , 2015, 16, 834.	1.2	9
9	Association between salivary amylase ( <i>AMY1</i> ) gene copy numbers and insulin resistance in asymptomatic Korean men. <i>Diabetic Medicine</i> , 2015, 32, 1588-1595.	1.2	44
10	Genetic Effects on Longitudinal Changes from Healthy to Adverse Weight and Metabolic Status â€” The HUNT Study. <i>PLoS ONE</i> , 2015, 10, e0139632.	1.1	21
11	Salivary amylase â€” The enzyme of unspecialized euryphagous animals. <i>Archives of Oral Biology</i> , 2015, 60, 1162-1176.	0.8	60
12	Genetics and epigenetics of obesity. <i>Biology Bulletin Reviews</i> , 2015, 5, 538-547.	0.3	2
13	Developments in modulating glycaemic response in starchy cereal foods. <i>Starch/Staerke</i> , 2015, 67, 79-89.	1.1	33
14	Rare and Common Genetic Events in Type 2 Diabetes: What Should Biologists Know?. <i>Cell Metabolism</i> , 2015, 21, 357-368.	7.2	128
15	Counting copy number and calories. <i>Nature Genetics</i> , 2015, 47, 852-853.	9.4	5
16	Structural forms of the human amylase locus and their relationships to SNPs, haplotypes and obesity. <i>Nature Genetics</i> , 2015, 47, 921-925.	9.4	120
17	Effects of high-fat diet on salivary $\alpha$ -amylase, serum parameters and food consumption in rats. <i>Archives of Oral Biology</i> , 2015, 60, 854-862.	0.8	24
18	High serum amylase levels may reflect a wide spectrum of health benefits. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, e67-8.	1.4	1

#	ARTICLE	IF	CITATIONS
19	The Hunger Genes: Pathways to Obesity. <i>Cell</i> , 2015, 161, 119-132.	13.5	293
20	Genomic approaches to studying human-specific developmental traits. <i>Development (Cambridge)</i> , 2015, 142, 3100-3112.	1.2	26
21	Obesity, starch digestion and amylase: association between copy number variants at human salivary (AMY1) and pancreatic (AMY2) amylase genes. <i>Human Molecular Genetics</i> , 2015, 24, 3472-3480.	1.4	105
22	Genetic variation and the de novo assembly of human genomes. <i>Nature Reviews Genetics</i> , 2015, 16, 627-640.	7.7	310
23	Complex and multi-allelic copy number variation in human disease. <i>Briefings in Functional Genomics</i> , 2015, 14, 329-338.	1.3	50
24	Whole genome?. <i>Nature Genetics</i> , 2015, 47, 963-963.	9.4	3
25	Lower serum amylase in A blood type relative to O blood type in a general Japanese adult population. <i>Clinica Chimica Acta</i> , 2015, 450, 181-183.	0.5	2
26	Do Salivary Proteins Play a Role in Tasting Bitter Substances?. <i>ACS Symposium Series</i> , 2015, , 183-195.	0.5	0
27	The Ethnoepidemiology of Obesity. <i>Canadian Journal of Cardiology</i> , 2015, 31, 131-141.	0.8	19
28	The roles of AMY1 copies and protein expression in human salivary $\hat{\pm}$ -amylase activity. <i>Physiology and Behavior</i> , 2015, 138, 173-178.	1.0	25
29	Beneficial effect of a high number of copies of salivary amylase AMY1 gene on obesity risk in Mexican children. <i>Diabetologia</i> , 2015, 58, 290-294.	2.9	89
30	Low serum amylase and obesity, diabetes and metabolic syndrome: A novel interpretation. <i>World Journal of Diabetes</i> , 2016, 7, 112.	1.3	45
31	SRBreak: A Read-Depth and Split-Read Framework to Identify Breakpoints of Different Events Inside Simple Copy-Number Variable Regions. <i>Frontiers in Genetics</i> , 2016, 7, 160.	1.1	7
32	Low AMY1 Gene Copy Number Is Associated with Increased Body Mass Index in Prepubertal Boys. <i>PLoS ONE</i> , 2016, 11, e0154961.	1.1	47
33	CNV analysis and mutation screening indicate an important role for the <i>NPY4R</i> gene in human obesity. <i>Obesity</i> , 2016, 24, 970-976.	1.5	27
34	Association of abdominal fat with serum amylase in an older cohort: The Baltimore Longitudinal Study of Aging. <i>Diabetes Research and Clinical Practice</i> , 2016, 116, 212-217.	1.1	10
35	What Does Diabetes "Taste" Like?. <i>Current Diabetes Reports</i> , 2016, 16, 49.	1.7	20
36	Recent progress in genetics, epigenetics and metagenomics unveils the pathophysiology of human obesity. <i>Clinical Science</i> , 2016, 130, 943-986.	1.8	281

#	ARTICLE	IF	CITATIONS
37	Applicability of digital PCR to the investigation of pediatric-onset genetic disorders. <i>Biomolecular Detection and Quantification</i> , 2016, 10, 9-14.	7.0	17
38	Copy number variation of scavenger-receptor cysteine-rich domains within DMBT1 and Crohn's disease. <i>European Journal of Human Genetics</i> , 2016, 24, 1294-1300.	1.4	10
39	Analysis of Positive Selection at Single Nucleotide Polymorphisms Associated with Body Mass Index Does Not Support the "Thrifty Gene" Hypothesis. <i>Cell Metabolism</i> , 2016, 24, 531-541.	7.2	46
40	Salivary Amylase: Digestion and Metabolic Syndrome. <i>Current Diabetes Reports</i> , 2016, 16, 102.	1.7	119
41	Relationships Between Fasting Serum Amylase and Ghrelin or Peptide YY3-36 Levels in Healthy Men. <i>Pancreas</i> , 2016, 45, 376-380.	0.5	3
42	Metabolomic Profile of Low Copy Number Carriers at the Salivary $\alpha$ -Amylase Gene Suggests a Metabolic Shift Toward Lipid-Based Energy Production. <i>Diabetes</i> , 2016, 65, 3362-3368.	0.3	32
43	Selective sweep on human amylase genes postdates the split with Neanderthals. <i>Scientific Reports</i> , 2016, 6, 37198.	1.6	67
44	Digestive enzymes of human and nonhuman primates. <i>Evolutionary Anthropology</i> , 2016, 25, 253-266.	1.7	39
45	Anomalous association of salivary amylase secretion with the postprandial glycaemic response to starch. <i>BMC Nutrition</i> , 2016, 2, .	0.6	7
46	Complex Copy Number Variation of <i>AMY1</i> does not Associate with Obesity in two East Asian Cohorts. <i>Human Mutation</i> , 2016, 37, 669-678.	1.1	48
47	De genetische aspecten van obesitas. <i>Bijblijven (Amsterdam, Netherlands)</i> , 2016, 32, 25-32.	0.0	2
48	Investigating the effects of copy number variants on reading and language performance. <i>Journal of Neurodevelopmental Disorders</i> , 2016, 8, 17.	1.5	19
49	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495.	5.8	245
50	The role of digestive factors in determining glycemic response in a multiethnic Asian population. <i>European Journal of Nutrition</i> , 2016, 55, 1573-1581.	1.8	33
51	Recurrent Rearrangements of Human Amylase Genes Create Multiple Independent CNV Series. <i>Human Mutation</i> , 2017, 38, 532-539.	1.1	29
52	Simple screening method for copy number variations associated with physical features. <i>Legal Medicine</i> , 2017, 25, 71-74.	0.6	3
53	Copy number variation of human <i>AMY1</i> is a minor contributor to variation in salivary amylase expression and activity. <i>Human Genomics</i> , 2017, 11, 2.	1.4	35
54	Copy number variations in "classical" obesity candidate genes are not frequently associated with severe early-onset obesity in children. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 507-515.	0.4	0

#	ARTICLE	IF	CITATIONS
55	Ketonuria may be associated with low serum amylase independent of body weight and glucose metabolism. <i>Archives of Physiology and Biochemistry</i> , 2017, 123, 293-296.	1.0	5
56	Dietary starch intake modifies the relation between copy number variation in the salivary amylase gene and BMI. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 256-262.	2.2	51
57	Rethinking the starch digestion hypothesis for <i>AMY1</i> copy number variation in humans. <i>American Journal of Physical Anthropology</i> , 2017, 163, 645-657.	2.1	45
58	Copy Number Variants Are Enriched in Individuals With Early-Onset Obesity and Highlight Novel Pathogenic Pathways. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3029-3039.	1.8	39
59	<i>Adipose Tissue Biology</i> , 2017, , .		7
60	Differences in nutritional quality between wild and domesticated forms of barley and emmer wheat. <i>Plant Science</i> , 2017, 256, 1-4.	1.7	23
61	Experiments suggesting extra-digestive effects of enteral pancreatic amylase and its peptides on glucose homeostasis in a pig model. <i>Scientific Reports</i> , 2017, 7, 8628.	1.6	14
62	Guide for Current Nutrigenetic, Nutrigenomic, and Nutriepigenetic Approaches for Precision Nutrition Involving the Prevention and Management of Chronic Diseases Associated with Obesity. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2017, 10, 43-62.	1.8	118
63	Learning Objectives for Weaving Evolutionary Thinking into Medical Education. <i>Medical Science Educator</i> , 2017, 27, 137-145.	0.7	2
64	Relationship between salivary/pancreatic amylase and body mass index: a systems biology approach. <i>BMC Medicine</i> , 2017, 15, 37.	2.3	47
65	Starch Digestion-Related Amylase Genetic Variant Affects 2-Year Changes in Adiposity in Response to Weight-Loss Diets: The POUNDS Lost Trial. <i>Diabetes</i> , 2017, 66, 2416-2423.	0.3	29
66	Nutrigenomics in the modern era. <i>Proceedings of the Nutrition Society</i> , 2017, 76, 265-275.	0.4	65
67	Does diet influence salivary enzyme activities in elephant species?. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 213-226.	0.7	2
68	Current research into the association between DNA copy number variation (CNV) and obesity. <i>Bioscience Horizons</i> , 2017, 10, .	0.6	1
69	Are we Genetically Adapted to the Neolithic Diet?. <i>Journal of Evolution and Health</i> , 2017, 2, .	0.2	1
70	Tailoring Nutritional Advice for Mexicans Based on Prevalence Profiles of Diet-Related Adaptive Gene Polymorphisms. <i>Journal of Personalized Medicine</i> , 2017, 7, 16.	1.1	28
71	De novo-based transcriptome profiling of male-sterile and fertile watermelon lines. <i>PLoS ONE</i> , 2017, 12, e0187147.	1.1	7
72	The imprint of salivary secretion in autoimmune disorders and related pathological conditions. <i>Autoimmunity Reviews</i> , 2018, 17, 376-390.	2.5	34

#	ARTICLE	IF	CITATIONS
73	Clinical significance of germline copy number variation in susceptibility of human diseases. <i>Journal of Genetics and Genomics</i> , 2018, 45, 3-12.	1.7	20
74	Germline Duplication of SNORA18L5 Increases Risk for HBV-related Hepatocellular Carcinoma by Altering Localization of Ribosomal Proteins and Decreasing Levels of p53. <i>Gastroenterology</i> , 2018, 155, 542-556.	0.6	75
75	Reduced salivary amylase activity in metabolic syndrome patients with obesity could be improved by treatment with a dipeptidyl peptidase IV inhibitor. <i>Clinical Oral Investigations</i> , 2018, 22, 3113-3120.	1.4	1
76	Comparative analysis of de novo assemblers for variation discovery in personal genomes. <i>Briefings in Bioinformatics</i> , 2018, 19, 893-904.	3.2	14
77	On the origin of obesity: identifying the biological, environmental and cultural drivers of genetic risk among human populations. <i>Obesity Reviews</i> , 2018, 19, 121-149.	3.1	158
78	Low Salivary Amylase Gene (AMY1) Copy Number Is Associated with Obesity and Gut Prevotella Abundance in Mexican Children and Adults. <i>Nutrients</i> , 2018, 10, 1607.	1.7	36
79	Starch digestion in the upper gastrointestinal tract of humans. <i>Starch/Staerke</i> , 2018, 70, 1700111.	1.1	27
80	Salivary amylase gene variations influence the physiologic response to starchy foods: 2 sides of the story. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 656-657.	2.2	2
81	Copy Number Variation and Risk of Stroke. <i>Stroke</i> , 2018, 49, 2549-2554.	1.0	6
82	Basal Levels of Salivary Alpha-Amylase Are Associated with Preference for Foods High in Sugar and Anthropometric Markers of Cardiovascular Risk. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2018, 8, 94.	1.0	11
83	The physiologic and phenotypic significance of variation in human amylase gene copy number. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 737-748.	2.2	37
84	High <i>AMY1</i> copy number protects against obesity in Portuguese young adults. <i>Annals of Human Biology</i> , 2018, 45, 435-439.	0.4	18
85	Copy number of pancreatic polypeptide receptor gene NPY4R correlates with body mass index and waist circumference. <i>PLoS ONE</i> , 2018, 13, e0194668.	1.1	20
86	Gastrointestinal Exocrine (Lumencrine) Secretions. The Reception Theory as the Basis for Developing the First Antisecretory Pharmacotherapy Drugs. , 2018, , 773-870.		1
87	Human amylase gene copy number variation as a determinant of metabolic state. <i>Expert Review of Endocrinology and Metabolism</i> , 2018, 13, 193-205.	1.2	25
88	Re-establishing normal diet following high fat-diet-induced obesity reverses the altered salivary composition in Wistar rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2018, 30, 111-120.	0.7	6
89	Statistical Binning for Barcoded Reads Improves Downstream Analyses. <i>Cell Systems</i> , 2018, 7, 219-226.e5.	2.9	18
90	Bioavailability of Fat-Soluble Vitamins and Phytochemicals in Humans: Effects of Genetic Variation. <i>Annual Review of Nutrition</i> , 2018, 38, 69-96.	4.3	65

#	ARTICLE	IF	CITATIONS
91	Dietary carbohydrates: role of quality and quantity in chronic disease. <i>BMJ: British Medical Journal</i> , 2018, 361, k2340.	2.4	184
92	Association between salivary amylase enzyme activity and obesity in Saudi Arabia. <i>Medicine (United Tj ETQq1 1 0.784314 rgBT /Over</i>	0.4	11
93	Association of Salivary Amylase (AMY1) Gene Copy Number with Obesity in Alabama Elementary School Children. <i>Nutrients</i> , 2019, 11, 1379.	1.7	24
94	No association between <i>AMY2B</i> gene copy number and obesity risk in Labrador retriever dogs. <i>Animal Genetics</i> , 2019, 50, 552-553.	0.6	1
95	A heuristic classification of woody plants based on contrasting shade and drought strategies. <i>Tree Physiology</i> , 2019, 39, 767-781.	1.4	12
96	The Key to Successful Weight Loss on a High-Fiber Diet May Be in Gut Microbiome <i>Prevotella</i> Abundance. <i>Journal of Nutrition</i> , 2019, 149, 2083-2084.	1.3	16
97	No Evidence for Association of BMI with Salivary Amylase Gene Copy Number in the UK 1958 Birth Cohort. <i>Obesity</i> , 2019, 27, 1533-1538.	1.5	13
98	Oral lipolysis and its association with diet and the perception and digestion of lipids: A systematic literature review. <i>Archives of Oral Biology</i> , 2019, 108, 104550.	0.8	10
99	Copy number determination of the gene for the human pancreatic polypeptide receptor NPY4R using read depth analysis and droplet digital PCR. <i>BMC Biotechnology</i> , 2019, 19, 31.	1.7	4
100	Cooked starchy food in hearths ca. 120 kya and 65 kya (MIS 5e and MIS 4) from Klasies River Cave, South Africa. <i>Journal of Human Evolution</i> , 2019, 131, 210-227.	1.3	73
101	Host Genetics, Diet, and Microbiome: The Role of AMY1. <i>Trends in Microbiology</i> , 2019, 27, 473-475.	3.5	5
102	Salivary $\hat{\pm}$ -amylase copy number is not associated with weight trajectories and glycemic improvements following clinical weight loss: results from a 2-phase dietary intervention study. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1029-1037.	2.2	10
103	Increased Inflammation and Cardiometabolic Risk in Individuals with Low AMY1 Copy Numbers. <i>Journal of Clinical Medicine</i> , 2019, 8, 382.	1.0	17
104	Human Salivary Amylase Gene Copy Number Impacts Oral and Gut Microbiomes. <i>Cell Host and Microbe</i> , 2019, 25, 553-564.e7.	5.1	102
105	High Pancreatic Amylase Expression Promotes Adiposity in Obesity-Prone Carbohydrate-Sensitive Rats. <i>Journal of Nutrition</i> , 2019, 149, 270-279.	1.3	5
106	Starchy Foods: Human Nutrition and Public Health. , 2019, , 277-290.		3
107	Interdisciplinary Approaches to Food Digestion. , 2019, , .		7
108	Established and emerging strategies to crack the genetic code of obesity. <i>Obesity Reviews</i> , 2019, 20, 212-240.	3.1	21

#	ARTICLE	IF	CITATIONS
109	An Evolutionary Perspective on the Impact of Genomic Copy Number Variation on Human Health. <i>Journal of Molecular Evolution</i> , 2020, 88, 104-119.	0.8	27
110	Human and Nonhuman Primate Lineage-Specific Footprints in the Salivary Proteome. <i>Molecular Biology and Evolution</i> , 2020, 37, 395-405.	3.5	19
111	Chapter 14: Impact of Oral Health on Diet/Nutrition. <i>Monographs in Oral Science</i> , 2020, 28, 134-147.	0.9	6
112	Salivary Alpha-Amylase Mediates the Increase in Hunger Levels in Adolescents with Excess Weight after Viewing Food Images. <i>Childhood Obesity</i> , 2020, 16, 53-58.	0.8	3
113	Salivary Alpha-Amylase as a Biomarker of Stress in Behavioral Medicine. <i>International Journal of Behavioral Medicine</i> , 2020, 27, 337-342.	0.8	131
114	Nutrigenetic approaches in obesity and weight loss. , 2020, , 409-415.		1
115	Evaluation of exocrine pancreatic function. , 2020, , 573-585.		1
116	Alpha-amylase 1A copy number variants and the association with memory performance and Alzheimer's dementia. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 158.	3.0	10
117	AMY1 Gene Copy Number Correlates With Glucose Absorption and Visceral Fat Volume, but Not with Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3586-e3596.	1.8	9
118	High plasma salivary $\alpha$ -amylase, but not high AMY1 copy number, associated with low obesity rate in Qatari adults: cross-sectional study. <i>Scientific Reports</i> , 2020, 10, 17918.	1.6	10
119	Genetic markers and continuity of healthy metabolic status: Tehran cardio-metabolic genetic study (TCGS). <i>Scientific Reports</i> , 2020, 10, 13600.	1.6	6
120	Low AMY1 Copy Number Is Cross-Sectionally Associated to an Inflammation-Related Lipidomics Signature in Overweight and Obese Individuals. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 1901151.	1.5	6
121	AMY1 diploid copy number among end-stage renal disease patients. <i>Hormones</i> , 2020, 19, 369-376.	0.9	2
122	Entrapping Digestive Enzymes with Engineered Mesoporous Silica Particles Reduces Metabolic Risk Factors in Humans. <i>Advanced Healthcare Materials</i> , 2020, 9, 2000057.	3.9	8
123	Starch Digestion-Related Amylase Genetic Variants, Diet, and Changes in Adiposity: Analyses in Prospective Cohort Studies and a Randomized Dietary Intervention. <i>Diabetes</i> , 2020, 69, 1917-1926.	0.3	8
124	Salivary Amylase Gene Copy Number Is Associated with the Obesity and Inflammatory Markers in Children. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 1695-1701.	1.1	9
125	Sensitivity to gene dosage and gene expression affects genes with copy number variants observed among neuropsychiatric diseases. <i>BMC Medical Genomics</i> , 2020, 13, 55.	0.7	15
126	Contribution of macronutrients to obesity: implications for precision nutrition. <i>Nature Reviews Endocrinology</i> , 2020, 16, 305-320.	4.3	113



#	ARTICLE	IF	CITATIONS
127	Oral physiological and biochemical characteristics of different dietary habit groups II: Comparison of oral salivary biochemical properties of Chinese Mongolian and Han Young adults. <i>Food Research International</i> , 2020, 136, 109465.	2.9	14
128	Pretreatment Prevotella-to-Bacteroides ratio and salivary amylase gene copy number as prognostic markers for dietary weight loss. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 1079-1086.	2.2	34
129	Genetic Differences in Taste Receptors: Implications for the Food Industry. <i>Annual Review of Food Science and Technology</i> , 2020, 11, 183-204.	5.1	20
130	Salivary AMY1 Copy Number Variation Modifies Age-Related Type 2 Diabetes Risk. <i>Clinical Chemistry</i> , 2020, 66, 718-726.	1.5	7
131	Association of <i>AMY1A</i> and <i>AMY2A</i> copy numbers and <i>AMY1</i> and <i>AMY2</i> serum enzymatic activity with obesity in Mexican children. <i>Pediatric Obesity</i> , 2020, 15, e12641.	1.4	9
132	Amylase Alpha 1 Gene ( <i>AMY1</i> ) Copy Number Variation and Dental Caries Experience: A Pilot Study among Adults in Lithuania. <i>Caries Research</i> , 2021, 55, 174-182.	0.9	5
133	Interaction Effect Between Copy Number Variation in Salivary Amylase Locus ( <i>AMY1</i> ) and Starch Intake on Glucose Homeostasis in the Malmö Diet and Cancer Cohort. <i>Frontiers in Nutrition</i> , 2020, 7, 598850.	1.6	2
134	Ethnic variability associating gut and oral microbiome with obesity in children. <i>Gut Microbes</i> , 2021, 13, 1-15.	4.3	19
135	A map of copy number variations in the Tunisian population: a valuable tool for medical genomics in North Africa. <i>Npj Genomic Medicine</i> , 2021, 6, 3.	1.7	5
136	ClinSV: clinical grade structural and copy number variant detection from whole genome sequencing data. <i>Genome Medicine</i> , 2021, 13, 32.	3.6	36
137	Ethnic-specific association of amylase gene copy number with adiposity traits in a large Middle Eastern biobank. <i>Npj Genomic Medicine</i> , 2021, 6, 8.	1.7	8
138	The evolution of the human trophic level during the Pleistocene. <i>American Journal of Physical Anthropology</i> , 2021, 175, 27-56.	2.1	45
139	Assessing genome assembly quality prior to downstream analysis: N50 versus BUSCO. <i>Molecular Ecology Resources</i> , 2021, 21, 1416-1421.	2.2	28
140	Genetics of Obesity: What We Have Learned Over Decades of Research. <i>Obesity</i> , 2021, 29, 802-820.	1.5	71
141	Relationship between Mediterranean Diet Adherence and Saliva Composition. <i>Nutrients</i> , 2021, 13, 1246.	1.7	4
142	The copy number variation and stroke (CaNVAS) risk and outcome study. <i>PLoS ONE</i> , 2021, 16, e0248791.	1.1	2
143	The representativeness of the dental calculus dietary record: insights from Taï chimpanzee faecal phytoliths. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	0.7	3
144	Reduced odds of diabetes associated with high plasma salivary $\alpha$ -amylase activity in Qatari women: a cross-sectional study. <i>Scientific Reports</i> , 2021, 11, 11495.	1.6	5

#	ARTICLE	IF	CITATIONS
145	Pancreatic enzymes and abdominal adipose tissue distribution in new-onset prediabetes/diabetes after acute pancreatitis. <i>World Journal of Gastroenterology</i> , 2021, 27, 3357-3371.	1.4	8
146	Large-scale transcriptome sequencing in broiler chickens to identify candidate genes for breast muscle weight and intramuscular fat content. <i>Genetics Selection Evolution</i> , 2021, 53, 66.	1.2	8
147	Dietary carbohydrates interact with AMY1 polymorphisms to influence the incidence of type 2 diabetes in Korean adults. <i>Scientific Reports</i> , 2021, 11, 16788.	1.6	4
148	The genetics of obesity: from discovery to biology. <i>Nature Reviews Genetics</i> , 2022, 23, 120-133.	7.7	425
149	Influence of <i>AMY1A</i> copy number variations on obesity and other cardiometabolic risk factors: A review of the evidence. <i>Obesity Reviews</i> , 2021, 22, e13205.	3.1	1
150	Diets, nutrients, genes and the microbiome: recent advances in personalised nutrition. <i>British Journal of Nutrition</i> , 2021, 126, 1489-1497.	1.2	24
151	Les gènes de l'obésité et leur contribution à la balance énergétique. <i>Bulletin De L'Academie Nationale De Medecine</i> , 2015, 199, 1269-1279.	0.0	4
152	DNA copy number and structural variation (CNV) contributions to adult and childhood obesity. <i>Biochemical Society Transactions</i> , 2020, 48, 1819-1828.	1.6	4
153	Chapter 11 Starch: Nutritional and Health Aspects. , 2016, , 579-626.		2
155	Low Copy Number of the AMY1 Locus Is Associated with Early-Onset Female Obesity in Finland. <i>PLoS ONE</i> , 2015, 10, e0131883.	1.1	70
156	Differences in AMY1 Gene Copy Numbers Derived from Blood, Buccal Cells and Saliva Using Quantitative and Droplet Digital PCR Methods: Flagging the Pitfall. <i>PLoS ONE</i> , 2017, 12, e0170767.	1.1	14
157	AMYCNE: Confident copy number assessment using whole genome sequencing data. <i>PLoS ONE</i> , 2018, 13, e0189710.	1.1	19
158	The inverse relationship between blood amylase and insulin levels in pigs during development, bariatric surgery, and intravenous infusion of amylase. <i>PLoS ONE</i> , 2018, 13, e0198672.	1.1	14
159	Copy Number Variation of the Salivary Amylase Gene and Glucose Metabolism in Healthy Young Japanese Women. <i>Journal of Clinical Medicine Research</i> , 2020, 12, 184-189.	0.6	11
160	ON THE IMPORTANCE AND NEED OF FLEXIBILITY AND STRENGTH REFINEMENT AS AN ELEMENT OF DANCERS' TRAINING. <i>Journal of Applied Sports Sciences</i> , 2017, 1, 31-45.	0.5	2
161	Identification and meta-analysis of copy number variation-driven circadian clock genes for colorectal cancer. <i>Oncology Letters</i> , 2019, 18, 4816-4824.	0.8	6
163	Circulating factors present in the sera of naturally skinny people may influence cell commitment and adipocyte differentiation of mesenchymal stromal cells. <i>World Journal of Stem Cells</i> , 2019, 11, 180-195.	1.3	11
164	Enhancing breakpoint resolution with deep segmentation model: A general refinement method for read-depth based structural variant callers. <i>PLoS Computational Biology</i> , 2021, 17, e1009186.	1.5	0

#	ARTICLE	IF	CITATIONS
166	Rôle de la génétique et de l'épigénétique dans l'obésité de l'enfant et de l'adolescent. <i>Neuropsychiatrie De L'Enfance Et De L'Adolescence</i> , 2021, , .	0,1	0
167	Obesity: Genetics, Pathogenesis, Therapy. , 2015, , 1-17.		1
168	The Genetic Determinants of Common Obesity-Susceptibility. , 2017, , 383-425.		0
169	Obesity: Genetics, Pathogenesis, Therapy. , 2017, , 1-17.		1
170	Obesity: Genetics, Pathogenesis, and Therapy. , 2017, , 607-622.		0
176	Copy number variation of amylase alpha 2B gene is associated with feed efficiency traits in Large White pigs. <i>Czech Journal of Animal Science</i> , 2021, 66, 495-503.	0.5	0
177	Effect of AMY1 copy number variation and various doses of starch intake on glucose homeostasis: data from a cross-sectional observational study and a crossover meal study. <i>Genes and Nutrition</i> , 2021, 16, 21.	1.2	3
178	Association of Serum Amylase Activity and the Copy Number Variation of AMY1/2A/2B with Metabolic Syndrome in Chinese Adults. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 4705-4714.	1.1	4
179	Enzyme kinetic approach for mechanistic insight and predictions of in vivo starch digestibility and the glycaemic index of foods. <i>Trends in Food Science and Technology</i> , 2022, 120, 254-264.	7.8	28
180	Metabolic Impacts of Food Oral Processing. <i>Food Chemistry, Function and Analysis</i> , 2022, , 137-186.	0.1	5
181	Saliva: Properties and Functions in Food Oral Processing. <i>Food Chemistry, Function and Analysis</i> , 2022, , 1-24.	0.1	2
183	The Quality of MT-loop DNA Segment of Smokers and Nonsmokers in Lagos, Nigeria for Possible use in Forensic Biology. <i>Brazilian Journal of Forensic Sciences, Medical Law and Bioethics</i> , 2022, 11, 93-110.	0.2	0
184	Ferroptosis-Related Gene Contributes to Immunity, Stemness and Predicts Prognosis in Glioblastoma Multiforme. <i>Frontiers in Neurology</i> , 2022, 13, 829926.	1.1	7
185	Elevated levels of salivary $\alpha$ -amylase activity in saliva associated with reduced odds of obesity in adult Qatari citizens: A cross-sectional study. <i>PLoS ONE</i> , 2022, 17, e0264692.	1.1	1
187	Visceral Adipose Tissue Influence on Health Problem Development and Its Relationship with Serum Biochemical Parameters in Middle-Aged and Older Adults: A Literature Review. <i>Journal of Aging Research</i> , 2022, 2022, 1-13.	0.4	0
188	Impact of salivary and pancreatic amylase gene copy numbers on diabetes, obesity, and functional profiles of microbiome in Northern Japanese population. <i>Scientific Reports</i> , 2022, 12, 7628.	1.6	3
190	The road not taken: host genetics in shaping intergenerational microbiomes. <i>Trends in Genetics</i> , 2022, 38, 1180-1192.	2.9	5
192	Prevotella abundance and salivary amylase gene copy number predict fat loss in response to wholegrain diets. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	1

#	ARTICLE	IF	CITATIONS
193	Food as we knew it: Food processing as an evolutionary discourse. Trends in Food Science and Technology, 2022, 128, 68-74.	7.8	1
194	A haplotype-resolved genome assembly of the Nile rat facilitates exploration of the genetic basis of diabetes. BMC Biology, 2022, 20, .	1.7	8
195	Farinaceous and starchy foods in the diet of the indigenous people of the high-latitude and Arctic regions of Russia: tradition and modernity. Vestnik Archeologii, Antropologii I Etnografii, 2022, , 209-218.	0.1	0
196	Genetic factors associated with serum amylase in a Japanese population: combined analysis of copy-number and single-nucleotide variants. Journal of Human Genetics, 0, , .	1.1	0
197	The genetics of obesity: A narrative review. Precision and Future Medicine, 2022, 6, 226-232.	0.5	1
199	Salivary amylase gene (AMY1) copy number variation has only a minor correlation with body composition in Chinese adults. Genes and Genomics, 0, , .	0.5	2
200	Alterations of the gut microbiota in type 2 diabetics with or without subclinical hypothyroidism. PeerJ, 0, 11, e15193.	0.9	2
205	Nutrigenetic, nutrigenomic, and nutriepigenetic approaches for precision nutrition. , 2023, , 627-659.		0
210	Precision Nutrition and Obesity. , 2024, , 317-332.		0
211	Balancing Public Health/Population Nutrition and Precision Nutrition in the Development of Dietary Guidelines. , 2024, , 425-438.		0