

Analyses of pig genomes provide insight into porcine de

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Regions of Homozygosity in the Porcine Genome: Consequence of Demography and the Recombination Landscape. <i>PLoS Genetics</i> , 2012, 8, e1003100.	1.5	266
2	Strong signatures of selection in the domestic pig genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19529-19536.	3.3	548
3	Pig geneticists go the whole hog. <i>Nature</i> , 2012, 491, 315-316.	13.7	5
4	A high density recombination map of the pig reveals a correlation between sex-specific recombination and GC content. <i>BMC Genomics</i> , 2012, 13, 586.	1.2	150
5	A gene expression atlas of the domestic pig. <i>BMC Biology</i> , 2012, 10, 90.	1.7	199
6	Pairwise comparisons of ten porcine tissues identify differential transcriptional regulation at the gene, isoform, promoter and transcription start site level. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 346-352.	1.0	29
7	3D organization of telomeres in porcine neutrophils and analysis of LPS-activation effect. <i>BMC Cell Biology</i> , 2013, 14, 30.	3.0	9
8	Regions of XY homology in the pig X chromosome and the boundary of the pseudoautosomal region. <i>BMC Genetics</i> , 2013, 14, 3.	2.7	30
9	Evolutionary dynamics of copy number variation in pig genomes in the context of adaptation and domestication. <i>BMC Genomics</i> , 2013, 14, 449.	1.2	118
10	Detection of selective sweeps in cattle using genome-wide SNP data. <i>BMC Genomics</i> , 2013, 14, 382.	1.2	102
11	Structural and functional annotation of the porcine immunome. <i>BMC Genomics</i> , 2013, 14, 332.	1.2	203
12	High throughput transcriptome analysis of lipid metabolism in Syrian hamster liver in absence of an annotated genome. <i>BMC Genomics</i> , 2013, 14, 237.	1.2	8
13	Dissecting structural and nucleotide genome-wide variation in inbred Iberian pigs. <i>BMC Genomics</i> , 2013, 14, 148.	1.2	45
14	How immunogenetically different are domestic pigs from wild boars: a perspective from single-nucleotide polymorphisms of 19 immunity-related candidate genes. <i>Immunogenetics</i> , 2013, 65, 737-748.	1.2	7
15	The new pig on the block: modelling cancer in pigs. <i>Transgenic Research</i> , 2013, 22, 673-680.	1.3	50
16	Complicated Relationships: A Review of Biological Interaction Networks and Pathways in Animal Science. <i>Springer Science Reviews</i> , 2013, 1, 73-83.	1.3	3
17	Role of DNA Methylation in Expression and Transmission of Porcine Endogenous Retroviruses. <i>Journal of Virology</i> , 2013, 87, 12110-12120.	1.5	11
18	Broad-scale phylogenomics provides insights into retrovirusâ€‘host evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20146-20151.	3.3	91

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19	Expression variation of the porcine ADRB2 has a complex genetic background. <i>Molecular Genetics and Genomics</i> , 2013, 288, 615-625.	1.0	6
20	Web Apollo: a web-based genomic annotation editing platform. <i>Genome Biology</i> , 2013, 14, R93.	13.9	329
21	The impact of breed and tissue compartment on the response of pig macrophages to lipopolysaccharide. <i>BMC Genomics</i> , 2013, 14, 581.	1.2	83
22	Correlated mRNAs and miRNAs from co-expression and regulatory networks affect porcine muscle and finally meat properties. <i>BMC Genomics</i> , 2013, 14, 533.	1.2	54
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24	The peripheral blood transcriptome reflects variations in immunity traits in swine: towards the identification of biomarkers. <i>BMC Genomics</i> , 2013, 14, 894.	1.2	37
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26	Genome-wide and local pattern of linkage disequilibrium and persistence of phase for 3 Danish pig breeds. <i>BMC Genetics</i> , 2013, 14, 115.	2.7	40
27	Allelic frequencies of <i>PRKAG3</i> in several pig breeds and its technological consequences on a <i>Duroc</i> × <i>Landrace</i> × <i>White</i> cross. <i>Journal of Animal Breeding and Genetics</i> , 2013, 130, 382-393.	0.8	10
28	Porcine synapsin 1: <i>SYN1</i> gene analysis and functional characterization of the promoter. <i>FEBS Open Bio</i> , 2013, 3, 411-420.	1.0	14
29	Genomic analyses identify distinct patterns of selection in domesticated pigs and Tibetan wild boars. <i>Nature Genetics</i> , 2013, 45, 1431-1438.	9.4	472
30	Potentializing the Research Piglet in Experimental Neonatal Research. <i>Current Anthropology</i> , 2013, 54, S118-S128.	0.8	46
31	The Anthropology of Potentiality in Biomedicine. <i>Current Anthropology</i> , 2013, 54, S3-S14.	0.8	142
32	Porcine colonization of the Americas: a 60k SNP story. <i>Heredity</i> , 2013, 110, 321-330.	1.2	58
33	A population genetics view of animal domestication. <i>Trends in Genetics</i> , 2013, 29, 197-205.	2.9	233
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35	A detailed method for preparation of a functional and flexible blood-brain barrier model using porcine brain endothelial cells. <i>Brain Research</i> , 2013, 1521, 16-30.	1.1	93
36	Minipig and beagle animal model genomes aid species selection in pharmaceutical discovery and development. <i>Toxicology and Applied Pharmacology</i> , 2013, 270, 149-157.	1.3	61

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38	Oligodeoxyribonucleotides derived from salmon sperm DNA: An alternative to defibrotide. <i>Biologicals</i> , 2013, 41, 190-196.	0.5	3
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41	Haplotype-based prediction of gene alleles using pedigrees and SNP genotypes. , 2013, , .		6
42	Protein composition of bronchoalveolar lavage fluid and airway surface liquid from newborn pigs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L256-L266.	1.3	33
43	Association Analysis between Single Nucleotide Polymorphisms in the Promoter Region of<i>LEP, MYF6, MYOD1, OPN, SCD</i> Genes and Carcass Traits in Heavy Pigs. <i>Italian Journal of Animal Science</i> , 2013, 12, e13.	0.8	5
44	Signatures of Diversifying Selection in European Pig Breeds. <i>PLoS Genetics</i> , 2013, 9, e1003453.	1.5	228
45	Systems Biology Approach to the Dissection of the Complexity of Regulatory Networks in the <i>S. scrofa</i> Cardiovascular System. <i>International Journal of Molecular Sciences</i> , 2013, 14, 23160-23187.	1.8	7
46	Linkage disequilibrium and haplotype block structure in six commercial pig lines. <i>Journal of Animal Science</i> , 2013, 91, 3493-3501.	0.2	56
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48	Comparative Organization and Gene Expression Profiles of the Porcine Pseudoautosomal Region. <i>Cytogenetic and Genome Research</i> , 2013, 141, 26-36.	0.6	10
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54	Genome-Wide Patterns of Genetic Variation in Two Domestic Chickens. <i>Genome Biology and Evolution</i> , 2013, 5, 1376-1392.	1.1	65
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64	Genomic and Epigenomic Insights into Nutrition and Brain Disorders. Nutrients, 2013, 5, 887-914.	1.7	68
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66	Molecular Evolution of the Porcine Type I Interferon Family: Subtype-Specific Expression and Antiviral Activity. PLoS ONE, 2014, 9, e112378.	1.1	41
67	Characterization of <i>Sus scrofa</i> Small Non-Coding RNAs Present in Both Female and Male Gonads. PLoS ONE, 2014, 9, e113249.	1.1	10
68	Impact of sensory feed additives on feed intake, feed preferences, and growth of female piglets during the early postweaning period. Journal of Animal Science, 2014, 92, 2133-2140.	0.2	29
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75	Changes in renal medulla gene expression in a pre-clinical model of post cardiopulmonary bypass acute kidney injury. <i>BMC Genomics</i> , 2014, 15, 916.	1.2	12
76	Dysregulation of genome-wide gene expression and DNA methylation in abnormal cloned piglets. <i>BMC Genomics</i> , 2014, 15, 811.	1.2	45
77	Population history and genomic signatures for high-altitude adaptation in Tibetan pigs. <i>BMC Genomics</i> , 2014, 15, 834.	1.2	140
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84	Linkage disequilibrium patterns and persistence of phase in purebred and crossbred pig (<i>Sus scrofa</i>) populations. <i>BMC Genetics</i> , 2014, 15, 126.	2.7	33
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89	Variation in the coding and 3' untranslated regions of the porcine prolactin receptor short form modifies protein expression and function. <i>Animal Genetics</i> , 2014, 45, 74-86.	0.6	10
90	Mutation discovery for Mendelian traits in non-laboratory animals: a review of achievements up to 2012. <i>Animal Genetics</i> , 2014, 45, 157-170.	0.6	33
91	Proteomics in farm animals models of human diseases. <i>Proteomics - Clinical Applications</i> , 2014, 8, 677-688.	0.8	14
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94	A genome-wide linkage analysis for reproductive traits in F2 Large White × Meishan cross gilts. Animal Genetics, 2014, 45, 191-197.	0.6	39
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100	Morphology and chronology of diphyodont dentition in miniature pigs, Sus Scrofa. Oral Diseases, 2014, 20, 367-379.	1.5	36
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112	Sulforaphane pretreatment prevents systemic inflammation and renal injury in response to cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 690-697.e3.	0.4	25
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122	Applied Animal Genomics: Results from the Field. <i>Annual Review of Animal Biosciences</i> , 2014, 2, 105-139.	3.6	102
123	A Paleogenomic Perspective on Evolution and Gene Function: New Insights from Ancient DNA. <i>Science</i> , 2014, 343, 1236-1237.	6.0	197
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125	Pathways and genes involved in steroid hormone metabolism in male pigs: A review and update. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 140, 44-55.	1.2	37
126	Genetically modified pigs to model human diseases. <i>Journal of Applied Genetics</i> , 2014, 55, 53-64.	1.0	56
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132	A new approach to predict human intestinal absorption using porcine intestinal tissue and biorelevant matrices. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 63, 167-177.	1.9	106
133	Mining the pig genome to investigate the domestication process. <i>Heredity</i> , 2014, 113, 471-484.	1.2	30
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137	Global copy number analyses by next generation sequencing provide insight into pig genome variation. <i>BMC Genomics</i> , 2014, 15, 593.	1.2	44
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139	An update of the goat genome assembly using dense radiation hybrid maps allows detailed analysis of evolutionary rearrangements in Bovidae. <i>BMC Genomics</i> , 2014, 15, 625.	1.2	19
140	Genome-wide DNA methylation changes in skeletal muscle between young and middle-aged pigs. <i>BMC Genomics</i> , 2014, 15, 653.	1.2	73
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144	The porcine innate immune system: An update. <i>Developmental and Comparative Immunology</i> , 2014, 45, 321-343.	1.0	235
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148	A genome-wide association study of production traits in a commercial population of Large White pigs: evidence of haplotypes affecting meat quality. <i>Genetics Selection Evolution</i> , 2014, 46, 12.	1.2	71

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150	Analysis of the genetics of boar taint reveals both single SNPs and regional effects. <i>BMC Genomics</i> , 2014, 15, 424.	1.2	30
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154	Development and characterisation of monoclonal antibodies reactive with porcine CSF1R (CD115). <i>Developmental and Comparative Immunology</i> , 2014, 47, 123-128.	1.0	6
155	Role of stem cells in large animal genetic engineering in the TALENs“CRISPR era. <i>Reproduction, Fertility and Development</i> , 2014, 26, 65.	0.1	14
156	Genomic analysis reveals selection for Asian genes in European pigs following human-mediated introgression. <i>Nature Communications</i> , 2014, 5, 4392.	5.8	137
157	Toxicokinetics of Seven Perfluoroalkyl Sulfonic and Carboxylic Acids in Pigs Fed a Contaminated Diet. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 6861-6870.	2.4	55
158	Transcriptome Profiling Identifies Differentially Expressed Genes in Postnatal Developing Pituitary Gland of Miniature Pig. <i>DNA Research</i> , 2014, 21, 207-216.	1.5	36
159	The sheep genome illuminates biology of the rumen and lipid metabolism. <i>Science</i> , 2014, 344, 1168-1173.	6.0	436
160	Characterization of the liver-macrophages isolated from a mixed primary culture of neonatal swine hepatocytes. <i>Results in Immunology</i> , 2014, 4, 1-7.	2.2	15
161	Development of gut immunoglobulin A production in piglet in response to innate and environmental factors. <i>Developmental and Comparative Immunology</i> , 2014, 44, 235-244.	1.0	35
162	Association and expression analysis of porcine ACLY gene related to growth and carcass quality traits in Italian Large White and Italian Duroc breeds. <i>Livestock Science</i> , 2014, 165, 1-7.	0.6	6
163	Genomic profiling to improve embryogenesis in the pig. <i>Animal Reproduction Science</i> , 2014, 149, 39-45.	0.5	7
164	DNA analyses of wild boar remains from archaeological sites in Guangxi, China. <i>Quaternary International</i> , 2014, 354, 147-153.	0.7	4
165	Switching on sex: transcriptional regulation of the testis-determining gene <i>Sry</i> . <i>Development (Cambridge)</i> , 2014, 141, 2195-2205.	1.2	113
166	Effects of chronic intake of starch-, glucose- and fructose-containing diets on eating behaviour in adult minipigs. <i>Applied Animal Behaviour Science</i> , 2014, 157, 61-71.	0.8	11

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167	Evolutionary characterization of pig interferon-inducible transmembrane gene family and member expression dynamics in tracheobronchial lymph nodes of pigs infected with swine respiratory disease viruses. <i>Veterinary Immunology and Immunopathology</i> , 2014, 159, 180-191.	0.5	19
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1096	Humanising and dehumanising pigs in genomic and transplantation research. <i>History and Philosophy of the Life Sciences</i> , 2022, 44, .	0.6	7
1097	Assessing Population Structure and Signatures of Selection in Wanbei Pigs Using Whole Genome Resequencing Data. <i>Animals</i> , 2023, 13, 13.	1.0	4
1098	Genome Editing and Protein Energy Malnutrition. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 215-232.	0.8	0
1099	Risks of Infectious Disease in Xenotransplantation. <i>New England Journal of Medicine</i> , 2022, 387, 2258-2267.	13.9	20
1102	Principles of 3D chromosome folding and evolutionary genome reshuffling in mammals. <i>Cell Reports</i> , 2022, 41, 111839.	2.9	10
1103	LncPLAAT3-AS Regulates PLAAT3-Mediated Adipocyte Differentiation and Lipogenesis in Pigs through miR-503-5p. <i>Genes</i> , 2023, 14, 161.	1.0	4
1104	Distinct traces of mixed ancestry in western commercial pig genomes following gene flow from Chinese indigenous breeds. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	3
1105	Adult porcine (<i>Sus scrofa</i>) derived inner ear cells: Characteristics in <i>in vitro</i> cultures. <i>Anatomical Record</i> , 2023, 306, 2119-2134.	0.8	0
1106	Spatial genetic structure of European wild boar, with inferences on late-Pleistocene and Holocene demographic history. <i>Heredity</i> , 2023, 130, 135-144.	1.2	5
1108	242. Genetic characterization of endangered indigenous pigs of Angola. , 2022, , .		0
1109	Genetic relationships of the Yucatan black hairless pig with Iberian breeds using single nucleotide polymorphisms. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 0, 60, e195697.	0.2	0
1110	Population differentiated copy number variation between Eurasian wild boar and domesticated pig populations. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
1111	RNA-seq transcriptome profiling of pigs' liver in response to diet with different sources of fatty acids. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	3
1112	Integrative single-cell RNA-seq and ATAC-seq analysis of myogenic differentiation in pig. <i>BMC Biology</i> , 2023, 21, .	1.7	9
1113	The Pig Community and Their Reference Genome. , 2023, , 159-201.		0
1114	Mitochondrial DNA Deficiency and Supplementation in <i>Sus scrofa</i> Oocytes Influence Transcriptome Profiles in Oocytes and Blastocysts. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3783.	1.8	3
1116	Integrated analysis of methylation profiles and transcriptome of Marek's disease virus-infected chicken spleens reveal hypomethylation of CD4 and HMGB1 genes might promote Marek's disease tumorigenesis. <i>Poultry Science</i> , 2023, 102, 102594.	1.5	0

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1119	Inner Retinal Changes in Acute Experimental BRVO Treated With Bevacizumab or Triamcinolone Acetonide. <i>Translational Vision Science and Technology</i> , 2023, 12, 11.	1.1	0
1121	Transcriptomics and Selection Pressure Analysis Reveals the Influence Mechanism of PLIN1 Protein on the Development of Small Size in Min Pigs. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3947.	1.8	1
1122	Novel Haplotype in the HHEX Gene Promoter Associated with Body Length in Pigs. <i>Genes</i> , 2023, 14, 511.	1.0	1
1123	Screening of candidate genes related to differences in growth and development between Chinese indigenous and Western pig breeds. <i>Physiological Genomics</i> , 2023, 55, 147-153.	1.0	3
1124	Detection of Genetic Differences between Holstein and Iranian North-West Indigenous Hybrid Cattles using Genomic Data. <i>Research on Animal Production</i> , 2022, 13, 175-186.	0.2	0
1125	Making Reference Genomes Useful: Annotation. , 2023, , 205-254.		0
1126	Spontaneous Sepsis in Adult Horses: From Veterinary to Human Medicine Perspectives. <i>Cells</i> , 2023, 12, 1052.	1.8	0
1127	Expression analysis of m6A-related genes in various tissues of Meishan pigs at different developmental stages. <i>Revista Brasileira De Zootecnia</i> , 2023, 52, .	0.3	0
1128	Methylation Genome-Wide Profiling in Lowly and Highly Efficient Somatic Cell Nuclear Transfer in Pigs. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 4798.	1.3	0
1135	Gentechnisch verÄnderte GroÄŸtiere in der Biomedizin. , 2023, , 189-239.		0
1147	Genomics for Sustainable Cured Pork Supply Chain. <i>CSR, Sustainability, Ethics & Governance</i> , 2023, , 51-72.	0.2	0
1151	Genome-Wide Copy Number Variation and Structural Variation: A Novel Tool for Improved Livestock Genomic Selection. <i>Livestock Diseases and Management</i> , 2023, , 75-88.	0.5	0
1156	Dangerous Viral Pathogens of Animal Origin: Risk and Biosecurity. , 2023, , 1563-1611.		0
1181	Protection of Cellular Antigens from Xenoreactive Responses as Overcoming Strategies. , 2024, , 189-218.		0
1182	Genome Editing and Transgenes in Pigs. , 2024, , 295-306.		0
1186	Tissue-based inÄvitro and exÄvivo models for intestinal permeability studies. , 2024, , 309-346.		0