Linkage and QTL mapping for Sus scrofa chromosome 2

DOI: 10.1046/j.0931-2668.2003.00419.x
Journal of Animal Breeding and Genetics, 2003, 120, 11-19.

#	Paper	IF	Citations
47	Polymorphism detection of porcine PSMC3, PSMC6 and PSMD3 genes and their association with partial growth, carcass traits, meat quality and immune traits. *Canadian Journal of Animal Science*, **2005**, 85, 475-480	0.9	5
46	Evolutionary breakpoints through a high-resolution comparative map between porcine chromosomes 2 and 16 and human chromosomes. *Genomics*, **2006**, 88, 504-12	4.3	12
45	Detection of quantitative trait loci associated with several internal organ traits and teat number trait in a pig population. *Journal of Genetics and Genomics*, **2007**, 34, 307-14	4	12
44	QTL for the heritable inverted teat defect in pigs. *Mammalian Genome*, **2008**, 19, 127-38	3.2	24
43	Quantitative trait loci for chemical body composition traits in pigs and their positional associations with body tissues, growth and feed intake. *Animal Genetics*, **2008**, 39, 130-40	2.5	34
42	Detection of quantitative trait loci for reproduction and production traits in Large White and French Landrace pig populations. *Genetics Selection Evolution*, **2008**, 40, 61-78	4.9	14
41	Porcine TEF1 and RTEF1: molecular characterization and association analyses with growth traits. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2008**, 150, 447-53	2.3	14
40	Single nucleotide polymorphisms in several porcine cathepsin genes are associated with growth, carcass, and production traits in Italian Large White pigs. *Journal of Animal Science*, **2008**, 86, 3300-14	0.7	46
39	A quantitative trait locus genome scan for porcine muscle fiber traits reveals overdominance and epistasis. *Journal of Animal Science*, **2008**, 86, 3290-9	0.7	31
38	Using microarrays to identify positional candidate genes for QTL: the case study of ACTH response in pigs. *BMC Proceedings*, **2009**, 3 Suppl 4, S14	2.3	8
37	Mapping carcass and meat quality QTL on Sus Scrofa chromosome 2 in commercial finishing pigs. *Genetics Selection Evolution*, **2009**, 41, 4	4.9	10
36	Genome-wide QTL mapping for three traits related to teat number in a White Duroc x Erhualian pig resource population. *BMC Genetics*, **2009**, 10, 6	2.6	31
35	Investigation of LDHA and COPB1 as candidate genes for muscle development in the MYOD1 region of pig chromosome 2. *Molecular Biology Reports*, **2010**, 37, 629-36	2.8	19
34	Epistatic QTL pairs associated with meat quality and carcass composition traits in a porcine Duroc □ Pietrain population. *Genetics Selection Evolution*, **2010**, 42, 39	4.9	15
33	Combining two Meishan F2 crosses improves the detection of QTL on pig chromosomes 2, 4 and 6. *Genetics Selection Evolution*, **2010**, 42, 42	4.9	11
32	Polymorphism screening and mapping of nine meat performance-related genes in the pig. *Animal Genetics*, **2010**, 41, 334-5	2.5	2
31	The insulin-like growth factor 2 (IGF2) gene intron3-g.3072G>A polymorphism is not the only Sus scrofa chromosome 2p mutation affecting meat production and carcass traits in pigs: evidence from the effects of a cathepsin D (CTSD) gene polymorphism. *Journal of Animal Science*, **2010**, 88, 2235-45	0.7	41

30	Quantitative trait loci analysis of swine meat quality traits. *Journal of Animal Science*, **2010**, 88, 2904-12	0.7	21
29	Epistatic analysis of carcass characteristics in pigs reveals genomic interactions between quantitative trait loci attributable to additive and dominance genetic effects. *Journal of Animal Science*, **2010**, 88, 2219-34	0.7	10
28	Quantitative trait loci for meat quality traits in pigs considering imprinting and epistatic effects. *Meat Science*, **2011**, 87, 394-402	6.4	7
27	Transcriptome analysis to identify differential gene expression affecting meat quality in heavy Italian pigs. *Animal Genetics*, **2011**, 42, 161-71	2.5	3
26	Epistatic quantitative trait loci affecting chemical body composition and deposition as well as feed intake and feed efficiency throughout the entire growth period of pigs. *Livestock Science*, **2011**, 138, 34-48	1.7	3
25	The molecular characterization and associations of porcine cardiomyopathy asssociated 5 (CMYA5) gene with carcass trait and meat quality. *Molecular Biology Reports*, **2011**, 38, 2085-90	2.8	10
24	Number and mode of inheritance of QTL influencing backfat thickness on SSC2p in Sino-European pig pedigrees. *Genetics Selection Evolution*, **2011**, 43, 11	4.9	6
23	Progeny-testing of full-sibs IBD in a SSC2 QTL region highlights epistatic interactions for fatness traits in pigs. *BMC Genetics*, **2011**, 12, 92	2.6	4
22	A selective genotyping approach identifies single nucleotide polymorphisms in porcine chromosome 2 genes associated with production and carcass traits in Italian heavy pigs. *Italian Journal of Animal Science*, **2011**, 10, e15	2.2	11
21	Polymorphisms in an obesity-related gene (PCSK1) are associated with fat deposition and production traits in Italian heavy pigs. *Animal*, **2012**, 6, 1913-24	3.1	14
20	A genome wide association study for backfat thickness in Italian Large White pigs highlights new regions affecting fat deposition including neuronal genes. *BMC Genomics*, **2012**, 13, 583	4.5	64
19	Association of single nucleotide polymorphism (SNP) markers in candidate genes and QTL regions with pork quality traits in commercial pigs. *Meat Science*, **2012**, 92, 511-8	6.4	27
18	Confirmation of the association between a single nucleotide polymorphism in the porcine LDHA gene and average daily gain and correlated traits in Italian Large White pigs. *Animal Genetics*, **2012**, 43, 649-50	2.5	7
17	Association and expression quantitative trait loci (eQTL) analysis of porcine AMBP, GC and PPP1R3B genes with meat quality traits. *Molecular Biology Reports*, **2012**, 39, 4809-21	2.8	20
16	Association mapping of quantitative trait loci for carcass and meat quality traits at the central part of chromosome 2 in Italian Large White pigs. *Meat Science*, **2013**, 95, 368-75	6.4	7
15	SNPs detection in DHPS-WDR83 overlapping genes mapping on porcine chromosome 2 in a QTL region for meat pH. *BMC Genetics*, **2013**, 14, 99	2.6	4
14	UBXN1 polymorphism and its expression in porcine M. longissimus dorsi are associated with water holding capacity. *Molecular Biology Reports*, **2014**, 41, 1411-8	2.8	3
13	Porcine ubiquitin-like 5 (UBL5) gene: genomic organization, polymorphisms, mRNA cloning, splicing variants and association study. *Molecular Biology Reports*, **2014**, 41, 2353-62	2.8	0

12	High-resolution association mapping of number of teats in pigs reveals regions controlling vertebral development. *BMC Genomics*, **2014**, 15, 542	4.5	41
11	Polymorphisms and expression analysis of SOX-6 in relation to porcine growth, carcass, and meat quality traits. *Meat Science*, **2015**, 107, 26-32	6.4	5
10	Identification of genes for controlling swine adipose deposition by integrating transcriptome, whole-genome resequencing, and quantitative trait loci data. *Scientific Reports*, **2016**, 6, 23219	4.9	36
9	After genome-wide association studies: Gene networks elucidating candidate genes divergences for number of teats across two pig populations. *Journal of Animal Science*, **2016**, 94, 1446-58	0.7	8
8	Genomewide association analysis of sow lactation performance traits in lines of Yorkshire pigs divergently selected for residual feed intake during grow-finish phase. *Journal of Animal Science*, **2016**, 94, 2317-31	0.7	4
7	Revealing new candidate genes for reproductive traits in pigs: combining Bayesian GWAS and functional pathways. *Genetics Selection Evolution*, **2016**, 48, 9	4.9	37
6	Refining genomewide association for growth and fat deposition traits in an F pig population. *Journal of Animal Science*, **2016**, 94, 1387-97	0.7	6
5	A Genome-Wide Association Study on Feed Efficiency Related Traits in Landrace Pigs. *Frontiers in Genetics*, **2020**, 11, 692	4.5	6
4	The expression pattern, polymorphisms and association analyses of the porcine NREP gene. *Journal of Animal Breeding and Genetics*, **2021**,	2.9	0
3	Detection of quantitative trait loci for reproduction and production traits in Large White and French Landrace pig populations(Open Access publication). *Genetics Selection Evolution*, **2008**, 40, 61-78	4.9	22
2	A genome-wide association study to detect QTL for commercially important traits in Swiss Large White boars. *PLoS ONE*, **2013**, 8, e55951	3.7	29
1	Genetic diversity of meat quality related genes in Argentinean pigs.. *Veterinary and Animal Science*, **2022**, 15, 100237	2.3	