# Marcel Amills

List of Publications by Year
in descending order



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|---|---|---|---|
| 158 papers | 3,687 citations | 117453 34 h-index | 189595 50 g-index |
| 166 all docs | 166 docs citations | 166 times ranked | 3335 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mitochondrial DNA diversity of the Sardinian local cattle stock. Scientific Reports, 2022, 12, 2486. | 1.6 | 3 |
| 2 | Genomic patterns of homozygosity and inbreeding depression in Murciano-Granadina goats. Journal of Animal Science and Biotechnology, 2022, 13, 35. | 2.1 | 5 |
| 3 | Whole-Genome Resequencing of Worldwide Wild and Domestic Sheep Elucidates Genetic Diversity, Introgression, and Agronomically Important Loci. Molecular Biology and Evolution, 2022, 39, . | 3.5 | 50 |
| 4 | Geographical contrasts of Yâ€chromosomal haplogroups from wild and domestic goats reveal ancient migrations and recent introgressions. Molecular Ecology, 2022, 31, 4364-4380. | 2.0 | 5 |
| 5 | Red and blond Mangalitza pigs display a signature of divergent directional selection in the SLC45A2 gene. Animal Genetics, 2021, 52, 66-77. | 0.6 | 3 |
| 6 | Characterizing the Mitochondrial Diversity of Arbi Goats from Tunisia. Biochemical Genetics, 2021, 59, 1225-1232. | 0.8 | 1 |
| 7 | Estimating the copy number of the agouti signaling protein (ASIP) gene in goat breeds with different color patterns. Livestock Science, 2021, 246, 104440. | 0.6 | 4 |
| 8 | Variability in porcine microRNA genes and its association with mRNA expression and lipid phenotypes. Genetics Selection Evolution, 2021, 53, 43. | 1.2 | 4 |
| 9 | Markers with low GenTrain scores can generate spurious signals in genomeâ€wide scans for transmission ratio distortion. Animal Genetics, 2021, 52, 779-781. | 0.6 | 2 |
| 10 | Detecting the footprint of selection on the genomes of Murcianoâ€Granadina goats. Animal Genetics, 2021, 52, 683-693. | 0.6 | 6 |
| 11 | Assessing the levels of intraspecific admixture and interspecific hybridization in Iberian wild goats (Capra pyrenaica). Evolutionary Applications, 2021, 14, 2618-2634. | 1.5 | 6 |
| 12 | Evolution of inbreeding: a gaze into five Italian beef cattle breeds history. PeerJ, 2021, 9, e12049. | 0.9 | 4 |
| 13 | An association analysis between a polymorphism in the SEC24A gene and lipid traits recorded in Duroc pigs. Italian Journal of Animal Science, 2021, 20, 1444-1451. | 0.8 | 0 |
| 14 | VarGoats project: a dataset of 1159 whole-genome sequences to dissect Capra hircus global diversity. Genetics Selection Evolution, 2021, 53, 86. | 1.2 | 16 |
| 15 | An association analysis for 14 candidate genes mapping to meat quality quantitative trait loci in a Duroc pig population reveals that the ATP 1A2 genotype is highly associated with muscle electric conductivity. Animal Genetics, 2020, 51, 95-100. | 0.6 | 7 |
| 16 | Detection of homozygous genotypes for a putatively lethal recessive mutation in the porcine argininosuccinate synthase 1 (ASS1) gene. Animal Genetics, 2020, 51, 106-110. | 0.6 | 2 |
| 17 | Discovery and annotation of novel microRNAs in the porcine genome by using a semi-supervised transductive learning approach. Genomics, 2020, 112, 2107-2118. | 1.3 | 5 |
| 18 | Paternal Origins and Migratory Episodes of Domestic Sheep. Current Biology, 2020, 30, 4085-4095.e6. | 1.8 | 49 |

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|---|---|---|---|
| 19 | A genome-wide association analysis for body, udder, and leg conformation traits recorded in Murciano-Granadina goats. Journal of Dairy Science, 2020, 103, 11605-11617. | 1.4 | 12 |
| 20 | Donkey genomes provide new insights into domestication and selection for coat color. Nature Communications, 2020, 11, 6014. | 5.8 | 63 |
| 21 | A genome-wide analysis of copy number variation in Murciano-Granadina goats. Genetics Selection Evolution, 2020, 52, 44. | 1.2 | 8 |
| 22 | Assessing the Diversity and Population Substructure of Sarda Breed Bucks by Using Mtdna and Y-Chromosome Markers. Animals, 2020, 10, 2194. | 1.0 | 0 |
| 23 | Comparing the diversity of the casein genes in the Asian mouflon and domestic sheep. Animal Genetics, 2020, 51, 470-475. | 0.6 | 9 |
| 24 | Analyzing the genomic and transcriptomic architecture of milk traits in Murciano-Granadina goats. Journal of Animal Science and Biotechnology, 2020, 11, 35. | 2.1 | 21 |
| 25 | Co-expression network analysis predicts a key role of microRNAs in the adaptation of the porcine skeletal muscle to nutrient supply. Journal of Animal Science and Biotechnology, 2020, 11, 10. | 2.1 | 17 |
| 26 | Low genomeâ€wide homozygosity in 11 Spanish ovine breeds. Animal Genetics, 2019, 50, 501-511. | 0.6 | 8 |
| 27 | Genomic analysis of the origins of extant casein variation in goats. Journal of Dairy Science, 2019, 102, 5230-5241. | 1.4 | 7 |
| 28 | Integrating genome-wide co-association and gene expression to identify putative regulators and predictors of feed efficiency in pigs. Genetics Selection Evolution, 2019, 51, 48. | 1.2 | 24 |
| 29 | Polymorphisms of the cryptochrome 2 and mitoguardin 2 genes are associated with the variation of lipid-related traits in Duroc pigs. Scientific Reports, 2019, 9, 9025. | 1.6 | 5 |
| 30 | About the existence of common determinants of gene expression in the porcine liver and skeletal muscle. BMC Genomics, 2019, 20, 518. | 1.2 | 14 |
| 31 | Comparing the mRNA expression profile and the genetic determinism of intramuscular fat traits in the porcine gluteus medius and longissimus dorsi muscles. BMC Genomics, 2019, 20, 170. | 1.2 | 27 |
| 32 | The footprint of recent and strong demographic decline in the genomes of Mangalitza pigs. Animal, 2019, 13, 2440-2446. | 1.3 | 18 |
| 33 | Dissection of ancestral genetic contributions to Creole goat populations. Animal, 2018, 12, 2017-2026. | 1.3 | 16 |
| 34 | The analysis of mitochondrial data indicates the existence of population substructure in Karayaka sheep. Small Ruminant Research, 2018, 162, 25-29. | 0.6 | 8 |
| 35 | Porcine Y-chromosome variation is consistent with the occurrence of paternal gene flow from non-Asian to Asian populations. Heredity, 2018, 120, 63-76. | 1.2 | 14 |
| 36 | Hotspots of recent hybridization between pigs and wild boars in Europe. Scientific Reports, 2018, 8, 17372. | 1.6 | 53 |

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|---|---|---|---|
| 37 | Signatures of selection and environmental adaptation across the goat genome post-domestication. Genetics Selection Evolution, 2018, 50, 57. | 1.2 | 114 |
| 38 | Genome-wide patterns of homozygosity provide clues about the population history and adaptation of goats. Genetics Selection Evolution, 2018, 50, 59. | 1.2 | 76 |
| 39 | Patterns of homozygosity in insular and continental goat breeds. Genetics Selection Evolution, 2018, 50, 56. | 1.2 | 33 |
| 40 | Analysing the Expression of Eight Clock Genes in Five Tissues From Fasting and Fed Sows. Frontiers in Genetics, 2018, 9, 475. | 1.1 | 7 |
| 41 | Role of AMPK signalling pathway during compensatory growth in pigs. BMC Genomics, 2018, 19, 682. | 1.2 | 13 |
| 42 | Association between the GHR, GHRHR, and IGF1 gene polymorphisms and milk yield and quality traits in Sarda sheep. Journal of Dairy Science, 2018, 101, 9978-9986. | 1.4 | 31 |
| 43 | Expression patterns and genetic variation of the ovine skeletal muscle transcriptome of sheep from five Spanish meat breeds. Scientific Reports, 2018, 8, 10486. | 1.6 | 8 |
| 44 | Differential expression of mRNA isoforms in the skeletal muscle of pigs with distinct growth and fatness profiles. BMC Genomics, 2018, 19, 145. | 1.2 | 43 |
| 45 | RNA-seq based detection of differentially expressed genes in the skeletal muscle of Duroc pigs with distinct lipid profiles. Scientific Reports, 2017, 7, 40005. | 1.6 | 46 |
| 46 | A genomeâ€wide association analysis for carcass traits in a commercial Duroc pig population. Animal Genetics, 2017, 48, 466-469. | 0.6 | 14 |
| 47 | Canine Leishmaniasis Progression is Associated with Vitamin D Deficiency. Scientific Reports, 2017, 7, 3346. | 1.6 | 38 |
| 48 | Joint QTL mapping and gene expression analysis identify positional candidate genes influencing pork quality traits. Scientific Reports, 2017, 7, 39830. | 1.6 | 35 |
| 49 | Low mitochondrial diversity in native Italian pig breeds is consistent with the occurrence of strong population bottlenecks. Animal Genetics, 2017, 48, 726-727. | 0.6 | 0 |
| 50 | Investigating the genetic regulation of the expression of 63 lipid metabolism genes in the pig skeletal muscle. Animal Genetics, 2017, 48, 606-610. | 0.6 | 12 |
| 51 | Mitochondrial <scp>DNA</scp> variation in Ukrainian wild boars. Animal Genetics, 2017, 48, 725-726. | 0.6 | 1 |
| 52 | Goat domestication and breeding: a jigsaw of historical, biological and molecular data with missing pieces. Animal Genetics, 2017, 48, 631-644. | 0.6 | 77 |
| 53 | Differential distribution of Y-chromosome haplotypes in Swiss and Southern European goat breeds. Scientific Reports, 2017, 7, 16161. | 1.6 | 9 |
| 54 | Conservation of Goat Populations from Southwestern Europe Based on Molecular Diversity Criteria. , 2017, , 509-533. | | 1 |

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|---|---|---|---|
| 55 | Nutrient supply affects the mRNA expression profile of the porcine skeletal muscle. BMC Genomics, 2017, 18, 603. | 1.2 | 21 |
| 56 | Population structure of eleven Spanish ovine breeds and detection of selective sweeps with BayeScan and hapFLK. Scientific Reports, 2016, 6, 27296. | 1.6 | 52 |
| 57 | Detecting the existence of gene flow between Spanish and North African goats through a coalescent approach. Scientific Reports, 2016, 6, 38935. | 1.6 | 10 |
| 58 | A genome-wide perspective about the diversity and demographic history of seven Spanish goat breeds. Genetics Selection Evolution, 2016, 48, 52. | 1.2 | 63 |
| 59 | Analysing the diversity of the caprine melanocortin 1 receptor (MC1R) in goats with distinct geographic origins. Small Ruminant Research, 2016, 145, 7-11. | 0.6 | 4 |
| 60 | An association analysis between a missense polymorphism at the pig PCSK9 gene and serum lipid and meat quality traits in Duroc pigs. Livestock Science, 2016, 190, 27-30. | 0.6 | 0 |
| 61 | Variations at regulatory regions of the milk protein genes are associated with milk traits and coagulation properties in the Sarda sheep. Animal Genetics, 2016, 47, 717-726. | 0.6 | 25 |
| 62 | Romanian wild boars and Mangalitza pigs have a European ancestry and harbour genetic signatures compatible with past population bottlenecks. Scientific Reports, 2016, 6, 29913. | 1.6 | 16 |
| 63 | The Southwestern fringe of Europe as an important reservoir of caprine biodiversity. Genetics Selection Evolution, 2015, 47, 86. | 1.2 | 17 |
| 64 | A mitochondrial analysis reveals distinct founder effect signatures in Canarian and Balearic goats. Animal Genetics, 2015, 46, 452-456. | 0.6 | 24 |
| 65 | East African pigs have a complex Indian, Far Eastern and Western ancestry. Animal Genetics, 2015, 46, 433-436. | 0.6 | 15 |
| 66 | Ancient DNA sheds light on the ancestry of pre-hispanic Canarian pigs. Genetics Selection Evolution, 2015, 47, 40. | 1.2 | 13 |
| 67 | Variation at the 3â€²â€<scp>UTR</scp> of the goat Î±<sub>S2</sub>â€•and Î²â€casein genes is not associated with milk protein and dry matter contents in <scp>M</scp>urcianoâ€<scp>G</scp>ranadina goats. Animal Genetics, 2015, 46, 95-96. | 0.6 | 1 |
| 68 | Design and Characterization of a 52K SNP Chip for Goats. PLoS ONE, 2014, 9, e86227. | 1.1 | 220 |
| 69 | The Application of Genomic Technologies to Investigate the Inheritance of Economically Important Traits in Goats. Advances in Biology, 2014, 2014, 1-13. | 1.2 | 10 |
| 70 | Technical note: Advantages and limitations of authenticating Palmera goat dairy products by pyrosequencing the melanocortin 1 receptor (MC1R) gene. Journal of Dairy Science, 2014, 97, 7293-7297. | 1.4 | 7 |
| 71 | Genetic variation at the caprinelactalbumin, alpha(LALBA) gene and its association with milk lactose concentration. Animal Genetics, 2014, 45, 612-613. | 0.6 | 12 |
| 72 | A Flexible Bayesian Model for Testing for Transmission Ratio Distortion. Genetics, 2014, 198, 1357-1367. | 1.2 | 21 |

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|---|---|---|---|
| 73 | A genome-wide association analysis for porcine serum lipid traits reveals the existence of age-specific genetic determinants. BMC Genomics, 2014, 15, 758. | 1.2 | 24 |
| 74 | Application of the microarray technology to the transcriptional analysis of muscle phenotypes in pigs. Animal Genetics, 2014, 45, 311-321. | 0.6 | 14 |
| 75 | <scp>DECR</scp>1 and <scp>ME</scp>1 genotypes are associated with lipid composition traits in <scp>D</scp>uroc pigs. Journal of Animal Breeding and Genetics, 2014, 131, 46-52. | 0.8 | 16 |
| 76 | Associations between pig adiponectin (ADIPOQ) genotype and serum lipid levels are modulated by age-specific modifiers1. Journal of Animal Science, 2014, 92, 5367-5373. | 0.2 | 1 |
| 77 | An association analysis between the variability of the caprine CD36 and CD36-like genes and dairy traits. Small Ruminant Research, 2014, 121, 244-247. | 0.6 | 1 |
| 78 | Mining the pig genome to investigate the domestication process. Heredity, 2014, 113, 471-484. | 1.2 | 30 |
| 79 | Identification of two paralogous caprine CD36 genes that display highly divergent mRNA expression profiles. Comparative Immunology, Microbiology and Infectious Diseases, 2013, 36, 1-7. | 0.7 | 1 |
| 80 | An association analysis between polymorphisms of the pig solute carrier family 27A (SLC27A), member 1 and 4 genes and serum and muscle lipid traits. Livestock Science, 2013, 152, 143-146. | 0.6 | 7 |
| 81 | Mapping and tissue mRNA expression analysis of the pig solute carrier 27A (SLC27A) multigene family. Gene, 2013, 515, 220-223. | 1.0 | 15 |
| 82 | Domestic Pigs in Africa. African Archaeological Review, 2013, 30, 73-82. | 0.8 | 27 |
| 83 | Genetics of serum and muscle lipids in pigs. Animal Genetics, 2013, 44, 609-619. | 0.6 | 21 |
| 84 | Appearance, flavor, and texture attributes of pig dry-cured hams have a complex polygenic genomic architecture1. Journal of Animal Science, 2013, 91, 1051-1058. | 0.2 | 12 |
| 85 | Genomic architecture of heritability and genetic correlations for intramuscular and back fat contents in Duroc pigs1. Journal of Animal Science, 2013, 91, 623-632. | 0.2 | 23 |
| 86 | Association analysis with lipid traits of 2 candidate genes (LRP12 and TRIB1) mapping to a SSC4 QTL for serum triglyceride concentration in pigs1. Journal of Animal Science, 2013, 91, 1531-1537. | 0.2 | 6 |
| 87 | A High Throughput Genotyping Approach Reveals Distinctive Autosomal Genetic Signatures for European and Near Eastern Wild Boar. PLoS ONE, 2013, 8, e55891. | 1.1 | 27 |
| 88 | Identification of c.483C>T polymorphism in the caprine tyrosinase-related protein 1 (TYRP1) gene. Italian Journal of Animal Science, 2012, 11, e12. | 0.8 | 2 |
| 89 | Short Communication: An association analysis between one missense polymorphism at the SREBF1 gene and milk yield and composition traits in goats. Canadian Journal of Animal Science, 2012, 92, 167-173. | 0.7 | 3 |
| 90 | Inferring the demographic history of a highly endangered goat breed through the analysis of nuclear and mitochondrial genetic signatures. Small Ruminant Research, 2012, 104, 78-84. | 0.6 | 9 |

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|---|---|---|---|
| 91 | Copy number variation in the genomes of domestic animals. Animal Genetics, 2012, 43, 503-517. | 0.6 | 116 |
| 92 | Quantitative trait loci analysis of a <scp>D</scp>uroc commercial population highlights differences in the genetic determination of meat quality traits at two different muscles. Animal Genetics, 2012, 43, 800-804. | 0.6 | 16 |
| 93 | Segregation of Regulatory Polymorphisms with Effects on the Gluteus Medius Transcriptome in a Purebred Pig Population. PLoS ONE, 2012, 7, e35583. | 1.1 | 38 |
| 94 | Effects of Î±<sub>s1</sub>-casein (CSN1S1) and Îº-casein (CSN3) genotypes on milk coagulation properties in Murciano-Granadina goats. Journal of Dairy Research, 2011, 78, 32-37. | 0.7 | 24 |
| 95 | Quantitative trait loci for fatness at growing and reproductive stages in Iberianâ€ƒÃ—â€ƒMeishan F<sub>2</sub> sows. Animal Genetics, 2011, 42, 548-551. | 0.6 | 5 |
| 96 | Polymorphism of the Goat Agouti Signaling Protein Gene and Its Relationship with Coat Color in Italian and Spanish Breeds. Biochemical Genetics, 2011, 49, 523-532. | 0.8 | 11 |
| 97 | Porcine intramuscular fat content and composition are regulated by quantitative trait loci with muscle-specific effects1. Journal of Animal Science, 2011, 89, 2963-2971. | 0.2 | 56 |
| 98 | Biodiversidad caprina en EspaÃ±a. Archivos De Zootecnia, 2011, 60, 437-440. | 0.2 | 3 |
| 99 | Polymorphism of the caprine malic enzyme 1 (ME1) gene and its association with milk quality traits in Murcianoâ€“Granadina goats. Animal, 2010, 4, 1953-1957. | 1.3 | 2 |
| 100 | Muscle transcriptomic profiles in pigs with divergent phenotypes for fatness traits. BMC Genomics, 2010, 11, 372. | 1.2 | 103 |
| 101 | Identification of positively selected sites in the goat kappa casein (CSN3) gene. Animal Genetics, 2010, 41, 332-332. | 0.6 | 1 |
| 102 | Bayes factor analyses of heritability for serum and muscle lipid traits in Duroc pigs1. Journal of Animal Science, 2010, 88, 2246-2254. | 0.2 | 31 |
| 103 | Genetic variation at the goat hormone-sensitive lipase (LIPE) gene and its association with milk yield and composition. Journal of Dairy Research, 2010, 77, 190-198. | 0.7 | 13 |
| 104 | Pleiotropic effects of the goat prolactin receptor genotype on milk fatty acid composition. Domestic Animal Endocrinology, 2010, 39, 85-89.e2. | 0.8 | 13 |
| 105 | Association between the polymorphism of the goat stearoyl-CoA desaturase 1 (SCD1) gene and milk fatty acid composition in Murciano-Granadina goats. Journal of Dairy Science, 2010, 93, 4332-4339. | 1.4 | 27 |
| 106 | Short communication: Genetic variability in the predicted microRNA target sites of caprine casein genes. Journal of Dairy Science, 2010, 93, 1749-1753. | 1.4 | 6 |
| 107 | Integrating Y-Chromosome, Mitochondrial, and Autosomal Data to Analyze the Origin of Pig Breeds. Molecular Biology and Evolution, 2009, 26, 2061-2072. | 3.5 | 103 |
| 108 | A bi-dimensional genome scan for prolificacy traits in pigs shows the existence of multiple epistatic QTL. BMC Genomics, 2009, 10, 636. | 1.2 | 40 |

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|---|---|---|---|
| 109 | A caprine dinucleotide repeat: microsatellite CHI AE54. Animal Genetics, 2009, 27, 435-436. | 0.6 | 1 |
| 110 | Mitochondrial DNA diversity and origins of South and Central American goats. Animal Genetics, 2009, 40, 315-322. | 0.6 | 46 |
| 111 | Polymorphism of the pig acetylâ€coenzyme A carboxylase Î± gene is associated with fatty acid composition in a Duroc commercial line. Animal Genetics, 2009, 40, 410-417. | 0.6 | 54 |
| 112 | An age-dependent association between a leptin C3469T single nucleotide polymorphism and intramuscular fat content in pigs. Livestock Science, 2009, 121, 335-338. | 0.6 | 6 |
| 113 | Pig HDL-binding protein (HDLBP) genotype is associated with intramuscular fat percentage. Livestock Science, 2009, 126, 298-301. | 0.6 | 5 |
| 114 | Pig melatonin receptor 1a (MTNR1A) genotype is associated with seasonal variation of sow litter size. Animal Reproduction Science, 2009, 115, 317-322. | 0.5 | 17 |
| 115 | Short communication: Effect of Î±S1-casein (CSN1S1) and Îº-casein (CSN3) genotypes on milk composition in Murciano-Granadina goats. Journal of Dairy Science, 2009, 92, 2960-2964. | 1.4 | 39 |
| 116 | Positive selection on mammalian MHC-DQ genes revisited from a multispecies perspective. Genes and Immunity, 2008, 9, 651-658. | 2.2 | 17 |
| 117 | Plasma leptin levels in pigs with different leptin and leptin receptor genotypes. Journal of Animal Breeding and Genetics, 2008, 125, 228-233. | 0.8 | 13 |
| 118 | An Association Analysis Between a Silent C558T Polymorphism at the Pig Vascular Cell Adhesion Molecule 1 Locus and Sow Reproduction and Piglet Survivability Traits. Reproduction in Domestic Animals, 2008, 43, 542-546. | 0.6 | 4 |
| 119 | Alternative splicing at exon 28 of the  acetylâ€coenzyme A carboxylase Î± gene in adult pigs and embryos. Animal Genetics, 2008, 39, 205-206. | 0.6 | 2 |
| 120 | Sequence Analysis of Goat Major Histocompatibility Complex Class I Genes. Journal of Dairy Science, 2008, 91, 814-817. | 1.4 | 8 |
| 121 | Effect of Î±<sub>s1</sub>-casein (CSN1S1) genotype on milk CSN1S1 content in MalagueÃ±a and Murciano-Granadina goats. Journal of Dairy Research, 2008, 75, 481-484. | 0.7 | 20 |
| 122 | Mapping of quantitative trait loci for cholesterol, LDL, HDL, and triglyceride serum concentrations in pigs. Physiological Genomics, 2008, 35, 199-209. | 1.0 | 51 |
| 123 | Association of CA repeat polymorphism at intron 1 of insulin-like growth factor (IGF-I) gene with circulating IGF-I concentration, growth, and fatness in swine. Physiological Genomics, 2007, 31, 236-243. | 1.0 | 40 |
| 124 | Nucleotide Sequence and Polymorphism of the Pig Acyl Coenzyme A Synthetase Long-Chain 1 (ACSL1) Gene. Animal Biotechnology, 2007, 18, 117-122. | 0.7 | 2 |
| 125 | Short Communication: Identification of Two Polymorphisms in the Goat Lipoprotein Lipase Gene and Their Association with Milk Production Traits. Journal of Dairy Science, 2007, 90, 3012-3017. | 1.4 | 20 |
| 126 | Goat Acetyl-Coenzyme A Carboxylase Î±: Molecular Characterization, Polymorphism, and Association with Milk Traits. Journal of Dairy Science, 2007, 90, 1039-1043. | 1.4 | 40 |

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| 127 | Identification of a single nucleotide polymorphism at intron 16 of the caprine Acyl-Coenzyme A: diacylglycerol acyltransferase 1 (DGAT1) gene. Journal of Dairy Research, 2007, 74, 47-51. | 0.7 | 17 |
| 128 | Malic enzyme 1 genotype is associated with backfat thickness and meat quality traits in pigs. Animal Genetics, 2006, 37, 28-32. | 0.6 | 37 |
| 129 | QTL mapping for teat number in an Iberian-by-Meishan pig intercross. Animal Genetics, 2005, 36, 050823030348002-???. | 0.6 | 40 |
| 130 | Bayesian analysis of quantitative trait loci for boar taint in a Landrace outbred population1. Journal of Animal Science, 2005, 83, 301-307. | 0.2 | 30 |
| 131 | Identification of carcass and meat quality quantitative trait loci in a Landrace pig population selected for growth and leanness1. Journal of Animal Science, 2005, 83, 293-300. | 0.2 | 80 |
| 132 | Polymorphism of the pig 2,4-dienoyl CoA reductase 1 gene (DECR1) and its association with carcass and meat quality traits1. Journal of Animal Science, 2005, 83, 493-498. | 0.2 | 26 |
| 133 | Nucleotide sequence and polymorphism of the caprine major histocompatibility complex class II (-) gene. Molecular Immunology, 2005, 42, 375-379. | 1.0 | 14 |
| 134 | Influencia histÃ³rica y actual de los genotipos canarios en la poblaciÃ³n caprina americana. Animal Genetic Resources Information, 2004, 35, 49-60. | 0.3 | 2 |
| 135 | Assignment of the fatty acid Coenzyme A ligase, long chain 2 (FACL2) gene to porcine chromosome 15. Animal Genetics, 2004, 35, 245-245. | 0.6 | 12 |
| 136 | Mapping of the porcine oestrogen receptor 2 gene and association study with litter size in Iberian pigs. Animal Genetics, 2004, 35, 242-244. | 0.6 | 31 |
| 137 | Low diversity in the major histocompatibility complex class II DRB1 gene of the Spanish ibex, Capra pyrenaica. Heredity, 2004, 93, 266-272. | 1.2 | 32 |
| 138 | Estimating the frequency of Asian cytochrome B haplotypes in standard European and local Spanish pig breeds. Genetics Selection Evolution, 2004, 36, 97-104. | 1.2 | 35 |
| 139 | Cytokine mRNA expression in B cells from bovine leukemia virus-infected cattle with persistent lymphocytosis. Cytokine, 2004, 28, 25-28. | 1.4 | 20 |
| 140 | Structural characterization of the caprine major histocompatibility complex class II DQB1 (Cahi-DQB1) gene. Molecular Immunology, 2004, 41, 843-846. | 1.0 | 8 |
| 141 | Strong phylogeographic relationships among three goat breeds from the Canary Islands. Journal of Dairy Research, 2004, 71, 257-262. | 0.7 | 51 |
| 142 | Characterization of the bovine BCL2L1 gene and related pseudogenes. Animal Genetics, 2003, 34, 457-461. | 0.6 | 2 |
| 143 | Structural characterization of the porcine pyruvate carboxylase (PC) gene. Journal of Animal Breeding and Genetics, 2003, 120, 338-345. | 0.8 | 1 |
| 144 | Assignment of the mitochondrial glycerol-3-phosphate acyltransferase (GPAT ) gene to porcine chromosome 14. Animal Genetics, 2003, 34, 387-387. | 0.6 | 2 |

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|---|---|---|---|
| 145 | Identification of three single nucleotide polymorphisms in the chicken insulin-like growth factor 1 and 2 genes and their associations with growth and feeding traits. Poultry Science, 2003, 82, 1485-1493. | 1.5 | 109 |
| 146 | Assignment of the 2,4-dienoyl-CoA reductase (DECR ) gene to porcine chromosome 4. Animal Genetics, 2002, 33, 164-165. | 0.6 | 10 |
| 147 | Reduced IL-2 and IL-4 mRNA Expression in CD4+ T Cells from Bovine Leukemia Virus-Infected Cows with Persistent Lymphocytosis. Virology, 2002, 304, 1-9. | 1.1 | 27 |
| 148 | RevisiÃ³n: E1 polimorfismo del gen de la caseina Î±s1 caprina y su efecto sobre la producciÃ³n, la composiciÃ³n y las propiedades tecnolÃ³gicas de la leche y sobre la fabricaciÃ³n y la maduraciÃ³n del queso. Food Science and Technology International, 1998, 4, 217-235. | 1.1 | 10 |
| 149 | The major hystocompatibility complex of ruminants. OIE Revue Scientifique Et Technique, 1998, 17, 108-120. | 0.5 | 63 |
| 150 | Isolation of genomic DNA from milk samples by using Chelex resin. Journal of Dairy Research, 1997, 64, 231-238. | 0.7 | 42 |
| 151 | Canine Mhc DRB1 genotyping by PCRâ€“RFLP analysis. Animal Genetics, 1997, 28, 41-45. | 0.6 | 27 |
| 152 | A PCR-RFLP typing method for the caprine Mhc class II DRB gene. Veterinary Immunology and Immunopathology, 1996, 55, 255-260. | 0.5 | 23 |
| 153 | Gene frequencies of caprine Î±s1-casein polymorphism in Spanish goat breeds. Small Ruminant Research, 1996, 20, 215-221. | 0.6 | 52 |
| 154 | Primer-directed synthesis of a molecular weight marker. Genetic Analysis, Techniques and Applications, 1996, 13, 147-149. | 1.5 | 3 |
| 155 | Nested PCR allows the characterization of TaqI and PstI RFLPs in the second exon of the caprine MHC class II DRB gene. Veterinary Immunology and Immunopathology, 1995, 48, 313-321. | 0.5 | 35 |
| 156 | Genetic Factors that Regulate Milk Protein and Lipid Composition in Goats. , 0, , . | | 2 |
| 157 | A Genomic Perspective on Wild Boar Demography and Evolution. , 0, , 376-387. | | 3 |
| 158 | Modeling <scp>microRNA</scp> â€driven postâ€transcriptional regulation using exonâ€“intron split analysis in pigs. Animal Genetics, 0, , . | 0.6 | 2 |