

Animal Species Type Keywords	Scientific Field Keywords	Scientific Method Keywords	Biology Term Keywords	Application Keywords
Cats and Related Species	3D Genome Architecture	Ancient DNA	Adaptation	Animal Health
Cattle and Related Species	Animal Breeding	ATAC-seq	Adaptive Immunity	Animal Nutrition
Deer	Biochemical Genetics	Bioinformatics Tools	Admixture	Animal Welfare
Dogs and Related Species	Bioinformatics	Cell Culture	Allele-specific Expression	Aquaculture
Elephants	Cell Biology	ChIP-seq	Allergy	Biomedical Model
Fish	Comparative Genomics	Computational Pipeline	Anatomy	Breed Standardisation
Goats and Related Species	Computational Biology	Computational Workflow	Animal Domestication	Breed/Population Identification
Horses and Related Species	Conservation Genomics	CRISPR-Cas9	Athletic Performance	Conservation
Multispecies	Cytology	Data Mining	Autoimmunity	Crossbreeding
Mustelids	Epigenomics	Databases/Repositories	Behaviour	Egg Production
New World Camelids	Evolutionary Biology	Diagnostics	Biodiversity	Environment
Old World Camelids	Evolutionary Genomics	DNA sequencing	Biomarker	Fisheries
Other Species	Functional Annotation of Animal Genomes (FAANG)	DNA Synthesis	Biopsy	Forensics
Pigs and Related Species	Functional Genomics	DNase-seq	Breed Diversity	Gene Bank
Poultry and Related Species	Genetic Engineering	FAIRE-seq	Candidate Gene	Genetic Improvement
Rabbits	Genetic Identification	Flow Cell Cytometry	Chromatin	Genomic Prediction
Reindeer	Genome Annotation	Functional Assay	Chromosomal Rearrangement	Genomic Selection
Rodents	Genome Assembly	Gene Ontology	Chronobiology	Heritage
Sheep and Related Species	Genome Biology	Gene Set Enrichment Analysis	Circulatory System	Husbandry
Shellfish	Genome Editing	Genome Sequencing	Cloning	Leather Production
Wild Species	Genome Regulation	Genotyping	Coat Colour	Management
	Genome Sequencing	Hi-C	Complex Trait	Meat Production
	Genome-enabled Breeding	High Content Analysis	Copy Number Variation (CNV)	Milk Production
	Genome-wide Association	High-performance Computing	Development	Other Application
	Immunogenomics	High-throughput Sequencing (HTS)	Digestive System	Parentage

Immunology	Imaging	Disease Resilience	Product Quality
Integrative Genomics	Imputation	Effective Population Size	Product Traceability
Metabolomics	Landscape Genomics	Endocrine System	Service Animal
Metagenomics	Large-scale Genomics	Epistasis	Sport
Microbiomics	Machine Learning	Evolution	Traction
Non-coding RNA	Mass Spectrometry	Fat/Lipid	Transport
Nutrigenomics	Methyl-seq	Feed Efficiency	Wool Production
Other Scientific Field	Microarray	Feralisation	
Palaeogenomics	MicroRNA	Fertility	
Phylogenomics	Microsatellite	Gamete	
Physiological Genomics	Microscopy	Gene Expression	
Population Genomics	MNase-seq	Genetic Disorder	
Proteomics	Modelling	Genetic Introgression	
Quantitative Genetics	Network Analysis	Genetic Marker	
Statistical Genetics	Nomenclature	Growth and Development	
Synthetic Biology	Nucleic Acid Amplification	Hair/Keratin	
System Genetics (eQTLs)	Other Method	Haplotype	
Systems Biology	PCR	Heritability	
Transgenics	Phylogeny	Heterosis	
	Population Structure	Heterozygosity	
	Protein Structure	Homozygosity	
	qPCR	Hybridisation	
	Re-sequencing	Immune System	
	RNA-seq	Imprinted Gene	
	Selection Scan	Inbreeding	
	Sequence Capture	Infectious Disease	

Single-nucleotide
Polymorphism (SNP)

TALENs

Transcriptome

Visualisation

WTTS-Seq

Innate Immunity

Karyotype

Linkage Disequilibrium

Lymphatic System

Metabolism

MHC

Mitochondrial DNA

Monogenic Trait

Muscle

Nervous System

One Health

Other Biology Term

Physical Trait

Pigmentation

Pleiotropy

Polymorphism

Pregnancy

Protein Polymorphism

Puberty

Quantitative Trait Locus (QTL)

Recombination

Regulatory Element

Reproduction

Respiratory System

Selection

Sequence Variation

Sex Determination

Skeletal System

Speciation

Transcription Factor

Transgenerational Inheritance

X Chromosome

Y Chromosome