Resource Summary Report

Generated by RRID on Apr 8, 2025

PiGenome

RRID:SCR_013394
Type: Tool

Proper Citation

PiGenome (RRID:SCR_013394)

Resource Information

URL: http://www.nabc.go.kr/sgd/

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Description: Database for ESTs (Expressed Sequence Tags), consensus sequences, bacterial artificial chromosome (BAC) clones, BES (BAC End Sequences). They have generated 69,545 ESTs from 6 full-length cDNA libraries (Porcine Abdominal Fat, Porcine Fat Cell, Porcine Loin Muscle, Liver and Pituitary gland). They have also identified a total of 182 BAC contigs from chromosome 6. It is very valuable resources to study porcine quantitative trait loci (QTL) mapping and genome study. Users can explore genomic alignment of various data types, including expressed sequence tags (ESTs), consensus sequences, singletons, QTL, Marker, UniGene and BAC clones by several options. To estimate the genomic location of sequence dataset, their data aligned BES (BAC End Sequences) instead of genomic sequence because Pig Genome has low-coverage sequencing data. Sus scrofa Genome Database mainly provide comparative map of four species (pig, cattle, dog and mouse) in chromosome 6.

Abbreviations: PiGenome

Synonyms: Sus scrofa Genome database, Pig Genome Database, Pigenome database

Resource Type: analysis service resource, data analysis service, production service resource, service resource, database, data or information resource

Defining Citation: PMID:19082661

Keywords: gene expression, genome, sequence, gene, expressed sequence tag, consensus sequence, bac clone, bac end sequence, bac contig, quantitative trait loci, singleton, marker, unigene, chromosome 6, blast, transcript, bacterial artificial chromosome,

snp, alignment

Funding: National Institute of Animal Science; Gyeonggi-do; Korea ;
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Resource Name: PiGenome

Resource ID: SCR_013394

Alternate IDs: nlx_153888

Old URLs: http://pigenome.nabc.go.kr/

Record Creation Time: 20220129T080315+0000

Record Last Update: 20250407T220057+0000

Ratings and Alerts

No rating or validation information has been found for PiGenome.

No alerts have been found for PiGenome.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.