

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[Ibsp^{tm1Jeau}/Ibsp^{tm1Jeau}](#)

RRID:MGI:3808130

Type: Organism

Proper Citation

RRID:MGI:3808130

Organism Information

URL:

Proper Citation: RRID:MGI:3808130

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: large anterior fontanelle, abnormal tooth root resorption, alveolar process atrophy, increased bone resorption, increased osteoclast cell number, abnormal periodontal ligament morphology, abnormal osteoblast morphology, misaligned incisors, abnormal osteoid morphology, abnormal osteoclast morphology, abnormal molar morphology, abnormal mandible morphology, craniofacial phenotype, malocclusion, abnormal osteoclast morphology, delayed cranial suture closure, misaligned incisors, abnormal cementum mineralization, delayed intramembranous bone ossification, abnormal periodontal ligament morphology, delayed fontanelle closure, abnormal acellular cementum morphology, abnormal osteoid morphology, decreased osteoclast cell number, abnormal tooth root development, abnormal incisor morphology, abnormal junctional epithelium morphology, abnormal molar root morphology, abnormal periodontium morphology, abnormal tooth root resorption, alveolar process atrophy, malocclusion, abnormal acellular cementum morphology, increased osteoid thickness, abnormal trabecular bone morphology, decreased bone mineral density, abnormal bone mineralization, abnormal bone remodeling, increased trabecular bone volume, decreased body size, decreased body weight, short femur, decreased compact bone thickness, skeleton phenotype, increased bone trabecula number, wide coronal suture, wide lambdoid suture, decreased osteoblast cell number, decreased trabecular bone thickness, decreased bone trabecular spacing

Affected Gene: Ibsp

Genomic Alteration: tm1Jeau

Catalog Number: 3808130

Background: involves: 129S1/Sv * 129X1/SvJ * CD-1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23183644](#), [PMID:25963390](#), [PMID:18458111](#)

Organism Name: Ibsp^{tm1Jeau}/Ibsp^{tm1Jeau}

Record Creation Time: 20240120T190419+0000

Record Last Update: 20240130T201908+0000

Ratings and Alerts

No rating or validation information has been found for Ibsp^{tm1Jeau}/Ibsp^{tm1Jeau}.

No alerts have been found for Ibsp^{tm1Jeau}/Ibsp^{tm1Jeau}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.