

Dmp1-KO

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| 系統名 | C57BL/6Smoc- <i>Dmp1</i> ^{em1Smoc} |
| SMOC番号 | NM-KO-200634 |
| 維持形態 | Embryo cryopreservation |

遺伝子の概要

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| Gene Symbol Dmp1 | Synonyms | PP, AG1, Dmp, DMP-1, AV020965 |
| | NCBI ID | 13406 |
| | MGI ID | 94910 |
| | Ensembl ID | ENSMUSG00000029307 |
| | Human Ortholog | DMP1 |

説明

Exon 4-6 of Dmp1 gene was deleted to generate Dmp1 knockout mice.

応用分野: Research on the degradation of ECM proteoglycans and extracellular matrix

*Literature published using this strain should indicate: Dmp1-KO mice (Cat. NO. NM-KO-200634) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

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| Autosomal Recessive Hypophosphatemic Rickets | 表現型 | MGI:5694692 |
| | 参考文献 | Zhang R, Lu Y, Ye L, Yuan B, Yu S, Qin C, Xie Y, Gao T, Drezner MK, Bonewald LF, Feng JQ, Unique roles of phosphorus in endochondral bone formation and osteocyte maturation. J Bone Miner Res. 2011 May;26(5):1047-56 |

表現型データ

No data