Sox10-KO

系統名	C57BL/6Smoc-*Sox10*^{em1Smoc}
SMOC番号	NM-KO-200645
維持形態	Embryo cryopreservation

遺伝子の概要

Gene Symbol Sox10	**Synonyms**	gt， Dom， Sox21
	NCBI ID	20665
	MGI ID	98358
	Ensembl ID	ENSMUSG00000033006
	Human Ortholog	SOX10

説明

Exon 4-5 of Sox10 gene was deleted to generate Sox10 knockout mice.
応用分野：Research on ERK signal transduction, melanocyte development and pigmentation
*Literature published using this strain should indicate: Sox10-KO mice (Cat. NO. NM-KO-200645) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Kallmann Syndrome	**表現型**	MGI:3039429
	参考文献	Pingault V, Bodereau V, Baral V, Marcos S, Watanabe Y, Chaoui A, Fouveaut C, Leroy C, Verier-Mine O, Francannet C, Dupin-Deguine D, Archambeaud F, Kurtz FJ, Young J, Bertherat J, Marlin S, Goossens M, Hardelin JP, Dode C, Bondurand N, Loss-of-function mutations in SOX10 cause Kallmann syndrome with deafness. Am J Hum Genet. 2013 May 2;92(5):707-24

表現型デ□タ

No data