

Hcrt-KO

Nomenclature	C57BL/6Smoc- <i>Hcrt</i> ^{em1Smoc}
Cat. NO.	NM-KO-190639
Strain State	Repository Live

Gene Summary

Gene Symbol Hcrt	Synonyms	PPOX
	NCBI ID	15171
	MGI ID	1202306
	Ensembl ID	ENSMUSG00000045471
	Human Ortholog	HCRT

Model Description

Exon 1-2 of Hcrt gene was deleted to generate Hcrt knockout mice.

Research Application: sleep and arousal

*Literature published using this strain should indicate: Hcrt-KO mice (Cat. NO. NM-KO-190639) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Narcolepsy	Phenotype(s)	MGI:3763455
	Reference(s)	Chemelli RM, Willie JT, Sinton CM, Elmquist JK, Scammell T, Lee C, Richardson JA, Williams SC, Xiong Y, Kisanuki Y, Fitch TE, Nakazato M, Hammer RE, Saper CB, Yanagisawa M, Narcolepsy in orexin knockout mice: molecular genetics of sleep regulation. Cell. 1999 Aug 20;98(4):437-51

Validation Data

No data