

Pianp-KO

Nomenclature	C57BL/6Smoc- <i>Pianp</i> ^{em1Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Pianp	Synonyms	Panp, AI255183, AU067746, C530028O21Rik
	NCBI ID	319352
	MGI ID	2441908
	Ensembl ID	ENSMUSG00000030329
	Human Ortholog	PIANP

Model Description

Exon 3 of Pianp gene was deleted to generate Pianp knockout mice.

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

Disease Connection

Autism Spectrum Disorder	Phenotype(s)	MGI:6364110
	Reference(s)	Winkler M, Biswas S, Berger SM, Kuchler M, Preisendorfer L, Choo M, Fruh S, Rem PD, Enkel T, Arnold B, Komljenovic D, Sticht C, Goerdts S, Bettler B, von Bohlen Und Halbach O, Bartsch D, Geraud C, Pianp deficiency links GABAB receptor signaling and hippocampal and cerebellar neuronal cell composition to autism-like behavior. Mol Psychiatry. 2019 Sep 11;

Validation Data

No data

