

Dlgap4-KO

Nomenclature	C57BL/6Smoc- <i>Dlgap4</i> ^{em1Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Dlgap4	Synonyms	DAP4, DAP-4, WBP16, Sapap4, SAPAP-4, AI225853, BC024558
	NCBI ID	228836
	MGI ID	2138865
	Ensembl ID	ENSMUSG00000061689
	Human Ortholog	DLGAP4

Model Description

Exon 4 of Dlgap4 gene was deleted to generate Dlgap4 knockout mice.

*Literature published using this strain should indicate: Dlgap4-KO mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Autism Spectrum Disorder	Phenotype(s)	MGI:6358593
	Reference(s)	Schob C, Morellini F, Ohana O, Bakota L, Hrynychak MV, Brandt R, Brockmann MD, Cichon N, Hartung H, Hanganu-Opatz IL, Kraus V, Scharf S, Herrmans-Borgmeyer I, Schweizer M, Kuhl D, Wohr M, Vorckel KJ, Calzada-Wack J, Fuchs H, Gailus-Durner V, Hrabe de Angelis M, Garner CC, Kreienkamp HJ, Kindler S, Cognitive impairment and autistic-like behaviour in SAPAP4-deficient mice. Transl Psychiatry. 2019 Jan 16;9(1):7

Validation Data

No data

