

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

[Boc^{tm1Aok}/Boc^{tm1Aok}](#)

RRID:MGI:3696406

Type: Organism

Proper Citation

RRID:MGI:3696406

Organism Information

URL:

Proper Citation: RRID:MGI:3696406

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: nervous system phenotype, abnormal innervation

Affected Gene: Boc

Genomic Alteration: tm1Aok

Catalog Number: 3696406

Background: involves: 129P2/OlaHsd * CD-1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17086203](#)

Organism Name: Boc^{tm1Aok}/Boc^{tm1Aok}

Record Creation Time: 20240120T190534+0000

Record Last Update: 20240130T201950+0000

Ratings and Alerts

No rating or validation information has been found for Boc^{tm1Aok}/Boc^{tm1Aok}.

No alerts have been found for Boc^{tm1Aok}/Boc^{tm1Aok}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Ferent J, et al. (2019) Boc Acts via Numb as a Shh-Dependent Endocytic Platform for Ptch1 Internalization and Shh-Mediated Axon Guidance. Neuron, 102(6), 1157.

Wu Z, et al. (2019) Long-Range Guidance of Spinal Commissural Axons by Netrin1 and Sonic Hedgehog from Midline Floor Plate Cells. Neuron, 101(4), 635.

Peng J, et al. (2018) Sonic Hedgehog Is a Remotely Produced Cue that Controls Axon Guidance Trans-axonally at a Midline Choice Point. Neuron, 97(2), 326.