

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

B6Brd;B6N-Tyr^{c-Brd} S100b/WtsiCnbc

RRID:IMSR_EM:05301

Type: Organism

Proper Citation

RRID:IMSR_EM:05301

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=5301>

Proper Citation: RRID:IMSR_EM:05301

Description: Mus musculus with name B6Brd;B6N-Tyr^{c-Brd} S100b/WtsiCnbc from IMSR.

Species: Mus musculus

Notes: gene symbol note: S100 protein; beta polypeptide; neural; mutant strain: S100b

Affected Gene: S100 protein; beta polypeptide; neural

Genomic Alteration: targeted mutation 1a; Wellcome Trust Sanger Institute

Catalog Number: EM:05301

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: B6Brd;B6N-Tyr^{c-Brd} S100b/WtsiCnbc

Record Creation Time: 20250513T062227+0000

Record Last Update: 20260919T064143+0000

Ratings and Alerts

No rating or validation information has been found for B6Brd;B6N-Tyr^{c-Brd} S100b/WtsiCnbc.

No alerts have been found for B6Brd;B6N-Tyr^{c-Brd} S100b/WtsiCnbc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Inglebert Y, et al. (2026) The calcium-binding protein S100?? regulates synaptic plasticity in the visual cortex. iScience, 29(5), 115793.

Yamada M, et al. (2026) Contribution of proprioceptors in the mesencephalic trigeminal nucleus and their surrounding astrocytes to acidic saline-induced chronic jaw muscle pain in rodents. Frontiers in cellular neuroscience, 20, 1800565.

De Carluccio M, et al. (2025) Effect on Different Glial Cell Types of S100B Modulation in Multiple Sclerosis Experimental Models. International journal of molecular sciences, 26(13).