

# Resource Summary Report

Generated by [kravitz2](#) on Sep 15, 2026

## B6Brd;B6N-Tyr<sup>c-Brd</sup> 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<sup>c-Brd</sup> 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<sup>c-Brd</sup> S100b/WtsiCnbc

**Record Creation Time:** 20250513T062227+0000

**Record Last Update:** 20260912T065143+0000

### Ratings and Alerts

No rating or validation information has been found for B6Brd;B6N-Tyr<sup>c-Brd</sup> S100b/WtsiCnbc.

No alerts have been found for B6Brd;B6N-Tyr<sup>c-Brd</sup> S100b/WtsiCnbc.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** European Mouse Mutant Archive

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

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).