

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

STOCK En1^{tm2(cre)}Wrst/J

RRID:IMSR_JAX:007916

Type: Organism

Proper Citation

RRID:IMSR_JAX:007916

Organism Information

URL: <https://www.jax.org/strain/007916>

Proper Citation: RRID:IMSR_JAX:007916

Description: Mus musculus with name STOCK En1^{tm2(cre)}Wrst/J from IMSR.

Species: Mus musculus

Synonyms: STOCK En1/J. STOCK En1/J

Notes: gene symbol note: engrailed 1|; mutant stock: En1|

Affected Gene: engrailed 1|

Genomic Alteration: targeted mutation 2; Wolfgang Wurst

Catalog Number: JAX:007916

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK En1^{tm2(cre)}Wrst/J

Record Creation Time: 20250513T053704+0000

Record Last Update: 20260905T044448+0000

Ratings and Alerts

No rating or validation information has been found for STOCK En1^{tm2(cre)}Wrst/J.

No alerts have been found for STOCK En1^{tm2(cre)}Wrst/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Vijatovic D, et al. (2026) Multifold increase in spinal inhibitory cell types with emergence of limb movement. Cell reports, 45(4), 117227.

Chon U, et al. (2026) Inverse expression of Ten3 and Lphn2 across the developing mouse brain suggests a global strategy for circuit assembly. Current biology : CB, 36(10), 2606.

Watts JL, et al. (2026) Genetic dissection of the role of Piga and Pgap2 in the embryonic mouse brain. iScience, 29(6), 116299.

Chapman PD, et al. (2025) A brain-wide map of descending inputs onto spinal V1 interneurons. Neuron, 113(4), 524.

Ye H, et al. (2025) Distinct fibroblast assemblies establish scarless regeneration. Cell reports, 45(1), 116767.

Jun S, et al. (2023) Control of murine brown adipocyte development by GATA6. Developmental cell, 58(21), 2195.

Terrey M, et al. (2021) Defects in translation-dependent quality control pathways lead to convergent molecular and neurodevelopmental pathology. eLife, 10.

van der Heijden ME, et al. (2021) Maturation of Purkinje cell firing properties relies on neurogenesis of excitatory neurons. eLife, 10.

Achilly NP, et al. (2021) Deleting Mecp2 from the cerebellum rather than its neuronal subtypes causes a delay in motor learning in mice. eLife, 10.

Van Battum E, et al. (2021) Plexin-B2 controls the timing of differentiation and the motility of cerebellar granule neurons. eLife, 10.

Sathyamurthy A, et al. (2020) Cerebellospinal Neurons Regulate Motor Performance and Motor Learning. Cell reports, 31(6), 107595.

Morello F, et al. (2020) Molecular Fingerprint and Developmental Regulation of the Tegmental GABAergic and Glutamatergic Neurons Derived from the Anterior Hindbrain. Cell reports, 33(2), 108268.

Tikker L, et al. (2020) Inactivation of the GATA Cofactor ZFPM1 Results in Abnormal Development of Dorsal Raphe Serotonergic Neuron Subtypes and Increased Anxiety-Like

Behavior. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(45), 8669.

Luo L, et al. (2020) Optimizing Nervous System-Specific Gene Targeting with Cre Driver Lines: Prevalence of Germline Recombination and Influencing Factors. Neuron, 106(1), 37.

Okaty BW, et al. (2020) A single-cell transcriptomic and anatomic atlas of mouse dorsal raphe Pet1 neurons. eLife, 9.

Brignani S, et al. (2020) Remotely Produced and Axon-Derived Netrin-1 Instructs GABAergic Neuron Migration and Dopaminergic Substantia Nigra Development. Neuron, 107(4), 684.

Hoang PT, et al. (2018) Subtype Diversification and Synaptic Specificity of Stem Cell-Derived Spinal Interneurons. Neuron, 100(1), 135.

van der Heijden ME, et al. (2018) Loss of Atoh1 from neurons regulating hypoxic and hypercapnic chemoresponses causes neonatal respiratory failure in mice. eLife, 7.

Sweeney LB, et al. (2018) Origin and Segmental Diversity of Spinal Inhibitory Interneurons. Neuron, 97(2), 341.

Yeh SY, et al. (2017) Respiratory Network Stability and Modulatory Response to Substance P Require Nalcn. Neuron, 94(2), 294.