

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

C57BL/6-Gt(ROSA)26Sor^{tm1}(HBEGF)Awai/J

RRID:IMSR_JAX:007900

Type: Organism

Proper Citation

RRID:IMSR_JAX:007900

Organism Information

URL: <https://www.jax.org/strain/007900>

Proper Citation: RRID:IMSR_JAX:007900

Description: Mus musculus with name C57BL/6-Gt(ROSA)26Sor^{tm1}(HBEGF)Awai/J from IMSR.

Species: Mus musculus

Synonyms: B6-iDTR

Notes: gene symbol note: gene trap ROSA 26; Philippe Soriano|heparin binding EGF like growth factor|Simian Diphtheria Toxin Receptor; coisogenic strain|mutant strain: Gt(ROSA)26Sor|HBEGF|DTR

Affected Gene: gene trap ROSA 26; Philippe Soriano|heparin binding EGF like growth factor|Simian Diphtheria Toxin Receptor

Genomic Alteration: targeted mutation 1; Ari Waisman

Catalog Number: JAX:007900

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6-Gt(ROSA)26Sor^{tm1}(HBEGF)Awai/J

Record Creation Time: 20250513T053704+0000

Record Last Update: 20260725T044416+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Gt(ROSA)26Sor^{tm1(HBEGF)}Awai/J.

No alerts have been found for C57BL/6-Gt(ROSA)26Sor^{tm1(HBEGF)}Awai/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 144 mentions in open access literature.

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

Lu T, et al. (2026) Dysplastic epithelial repair promotes the tissue residence of lymphocytes to inhibit alveolar regeneration post viral infection. *Cell stem cell*, 33(1), 108.

Eme-Solan E, et al. (2026) Remodeling of skull bone channels regulates immune infiltration into the meninges during neuroinflammation. *Immunity*, 59(1), 116.

Scott-Solomon E, et al. (2026) Stress-induced sympathetic hyperactivation drives hair follicle necrosis to trigger autoimmunity. *Cell*, 189(1), 252.

Kong W, et al. (2025) Neuroendocrine cells orchestrate regeneration through Desert hedgehog signaling. *Cell*, 188(18), 5020.

Qin T, et al. (2025) Treg-microglia partnership in the injured spinal cord preserves Treg cell function and regulates microglial cholesterol metabolism. *Neuron*.

Teixidor-Deulofeu J, et al. (2025) Semaglutide effects on energy balance are mediated by Adcyap1+ neurons in the dorsal vagal complex. *Cell metabolism*, 37(7), 1530.

Wang Y, et al. (2025) Bi-directional communication between intrinsic enteric neurons and ILC2s inhibits host defense against helminth infection. *Immunity*, 58(2), 465.

Xu QJ, et al. (2025) Two Specialized Intrinsic Cardiac Neuron Types Safeguard Heart Homeostasis and Stress Resilience. *bioRxiv : the preprint server for biology*.

Hesterberg RS, et al. (2025) Lymphoma accelerates T cell and tissue aging. *Cancer cell*.

Chen ML, et al. (2025) Ketogenic diet inhibits glioma progression by promoting gut microbiota-derived butyrate production. *Cancer cell*.

Eislmayr KD, et al. (2025) Macrophages orchestrate elimination of *Shigella* from the intestinal epithelial cell niche via TLR-induced IL-12 and IFN- γ . *Cell host & microbe*, 33(9), 1535.

Peng Y, et al. (2025) Tolerance to non-inherited maternal antigen is sustained by LysM+ CD11c+ maternal microchimeric cells. *Immunity*, 58(9), 2176.

Song Y, et al. (2025) Stratification of enterochromaffin cells by single-cell expression analysis. *eLife*, 12.

Cortez VS, et al. (2025) IL-25-induced memory ILC2s mediate long-term small intestinal adaptation. *bioRxiv : the preprint server for biology*.

Evans MC, et al. (2025) RFRP Neurons Are Required for Acute Stress-induced Suppression of the Estrogen-stimulated LH Surge in Female Mice. *Endocrinology*, 166(8).

Golomb SM, et al. (2025) Temporal dynamics of immune cell transcriptomics in brain metastasis progression influenced by gut microbiome dysbiosis. *Cell reports*, 44(3), 115356.

Li J, et al. (2025) Differentiation of lung tissue-resident c-Kit+ cells into microvascular endothelial cells alleviates pulmonary vascular remodeling. *Developmental cell*, 60(11), 1601.

Li L, et al. (2025) A bladder-blood immune barrier constituted by suburothelial perivascular macrophages restrains uropathogen dissemination. *Immunity*, 58(3), 568.

Cortez VS, et al. (2025) IL-25-induced memory type 2 innate lymphoid cells enforce mucosal immunity. *Cell*.

Jaschke NP, et al. (2025) Gut-to-brain signaling restricts dietary protein intake during recovery from catabolic states. *Cell*, 188(26), 7481.