

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

129S4/SvJae-Cd86^{tm1Shr}/Mmnc

RRID:MMRRC_010624-UNC

Type: Organism

Proper Citation

RRID:MMRRC_010624-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=10624

Proper Citation: RRID:MMRRC_010624-UNC

Description: Mus musculus with name 129S4/SvJae-Cd86^{tm1Shr}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Immunology and Inflammation; Mutation Type: Targeted Mutation ; Collection:

Phenotype: paresis [MP:0000754]| hindlimb paralysis [MP:0000755]| demyelination [MP:0000921]| abnormal dorsal root ganglion morphology [MP:0000961]| abnormal humoral immune response [MP:0001800]| decreased IgG level [MP:0001805]| brain inflammation [MP:0001847]| muscular atrophy [MP:0002269]| abnormal nervous system morphology [MP:0003632]| increased autoantibody level [MP:0003725]| abnormal myelin sheath morphology [MP:0003871]| abnormal ventral spinal root morphology [MP:0003993]| abnormal dorsal spinal root morphology [MP:0003994]| decreased susceptibility to experimental autoimmune encephalomyelitis [MP:0004800]| increased susceptibility to autoimmune diabetes [MP:0004803]| decreased susceptibility to autoimmune diabetes [MP:0004804]| decreased regulatory T cell number [MP:0004974]| abnormal T cell proliferation [MP:0005094]| decreased T cell proliferation [MP:0005095]| abnormal action potential [MP:0005402]| abnormal nerve conduction [MP:0005403]| absent spleen germinal center [MP:0008474]| increased tumor necrosis factor secretion [MP:0008560]| decreased tumor necrosis factor secretion [MP:0008561]| increased interferon-gamma secretion [MP:0008566]| decreased interleukin-12 secretion [MP:0008664]| decreased nerve conduction velocity [MP:0008814]| decreased grip strength [MP:0010053]

Affected Gene: Cd86

Catalog Number: 010624-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:9075931](#)

Alternate IDs: MMRRC_10624-UNC, MMRRC_010624, MMRRC_1624

Organism Name: 129S4/SvJae-*Cd86^{tm1Shr}*/Mmnc

Record Creation Time: 20230308T054906+0000

Record Last Update: 20260801T123540+0000

Ratings and Alerts

No rating or validation information has been found for 129S4/SvJae-*Cd86^{tm1Shr}*/Mmnc.

No alerts have been found for 129S4/SvJae-*Cd86^{tm1Shr}*/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.