

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

B10.129X1(B6)-Cmah^{tm1Avrk} Dmd^{mdx}/DuaMmmh

RRID:MMRRC_050926-MU

Type: Organism

Proper Citation

RRID:MMRRC_050926-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=50926

Proper Citation: RRID:MMRRC_050926-MU

Description: Mus musculus with name B10.129X1(B6)-Cmah^{tm1Avrk} Dmd^{mdx}/DuaMmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Models for Human Disease; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal inner ear morphology [MP:0000026]| abnormal organ of Corti morphology [MP:0000042]| increased monocyte cell number [MP:0000220]| muscle weakness [MP:0000747]| dystrophic muscle [MP:0000752]| impaired coordination [MP:0001405]| abnormal gait [MP:0001406]| abnormal startle reflex [MP:0001486]| impaired wound healing [MP:0001792]| premature death [MP:0002083]| abnormal semicircular canal morphology [MP:0002428]| increased vertical activity [MP:0002574]| abnormal sensorimotor gating [MP:0002634]| abnormal otolithic membrane morphology [MP:0002895]| abnormal cochlear sensory epithelium morphology [MP:0003308]| cochlear outer hair cell degeneration [MP:0004404]| increased macrophage cell number [MP:0005425]| impaired hearing [MP:0006325]| decreased follicular B cell number [MP:0008174]| decreased marginal zone B cell number [MP:0008182]| abnormal B cell activation [MP:0008217]| skeletal muscle fibrosis [MP:0009419]| cardiac muscle necrosis [MP:0010632]| kyphosis [MP:0000160]| increased monocyte cell number [MP:0000220]| decreased neutrophil cell number [MP:0000222]| enlarged heart [MP:0000274]| abnormal myocardial fiber morphology [MP:0000278]| decreased granulocyte number [MP:0000334]| abnormal hindlimb morphology [MP:0000556]| absent CD8-positive [MP:0000727]| alpha-beta T cells [MP:0000729]| abnormal myogenesis [MP:0000733]| abnormal muscle development [MP:0000745]| tremors [MP:0000746]| weakness [MP:0000747]| muscle weakness [MP:0000748]| progressive muscle weakness [MP:0000749]| muscle degeneration [MP:0000750]| abnormal muscle regeneration

[MP:0000751]] myopathy [MP:0000752]] dystrophic muscle [MP:0000759]] abnormal skeletal muscle morphology [MP:0000761]] thin diaphragm muscle [MP:0001053]] abnormal neuromuscular synapse morphology [MP:0001262]] decreased body weight [MP:0001263]] weight loss [MP:0001264]] increased body size [MP:0001265]] decreased body size [MP:0001402]] hypoactivity [MP:0001405]] impaired coordination [MP:0001406]] abnormal gait [MP:0001407]] short stride length [MP:0001504]] abnormal posture [MP:0001515]] abnormal grip strength [MP:0001732]] postnatal growth retardation [MP:0001853]] heart inflammation [MP:0001921]] reduced fertility [MP:0001923]] reduced female fertility [MP:0001951]] abnormal breathing pattern [MP:0001953]] respiratory failure [MP:0002066]] abnormal motor capabilities/coordination/movement [MP:0002083]] premature death [MP:0002106]] abnormal muscle physiology [MP:0002108]] abnormal muscle morphology [MP:0002109]] abnormal limb morphology [MP:0002269]] muscular atrophy [MP:0002279]] abnormal diaphragm morphology [MP:0002280]] abnormal intercostal muscle morphology [MP:0002795]] dilated cardiomyopathy [MP:0002833]] increased heart weight [MP:0002837]] dystrophic cardiac calcinosis [MP:0002841]] impaired skeletal muscle contractility [MP:0002899]] fatigue [MP:0002953]] thick ventricular wall [MP:0003061]] decreased aerobic running capacity [MP:0003084]] abnormal skeletal muscle fiber morphology [MP:0003105]] abnormal heart atrium morphology [MP:0003141]] cardiac fibrosis [MP:0003155]] abnormal telomere length [MP:0003157]] impaired muscle relaxation [MP:0003199]] calcified muscle [MP:0003358]] abnormal hypaxial muscle morphology [MP:0003393]] decreased cardiac output [MP:0003790]] absent CD4-positive [MP:0003833]] alpha beta T cells [MP:0003851]] decreased satellite cell number [MP:0003852]] skeletal muscle interstitial fibrosis [MP:0003884]] skeletal muscle necrosis [MP:0004036]] decreased macrophage cell number [MP:0004087]] abnormal muscle relaxation [MP:0004089]] abnormal muscle fiber morphology [MP:0004121]] dilated sarcoplasmic reticulum [MP:0004142]] abnormal sarcolemma morphology [MP:0004145]] abnormal muscle tone [MP:0004174]] abnormal muscle electrophysiology [MP:0004232]] abnormal spine curvature [MP:0004248]] decreased muscle weight [MP:0004262]] abnormal epaxial muscle morphology [MP:0004510]] abnormal physical strength [MP:0004564]] myositis [MP:0004566]] enlarged myocardial fiber [MP:0004597]] myocardial fiber degeneration [MP:0004703]] increased susceptibility to noise-induced hearing loss [MP:0004818]] abnormal vertebral column morphology [MP:0004819]] increased skeletal muscle mass [MP:0004973]] decreased skeletal muscle mass [MP:0005015]] increased regulatory T cell number [MP:0005017]] increased T cell number [MP:0005018]] decreased B cell number [MP:0005137]] decreased T cell number [MP:0005140]] increased growth hormone level [MP:0005165]] decreased cardiac muscle contractility [MP:0005294]] increased susceptibility to injury [MP:0005330]] abnormal heart ventricle morphology [MP:0005425]] cardiomyopathy [MP:0005608]] increased macrophage cell number [MP:0005620]] cardiac interstitial fibrosis [MP:0006085]] abnormal muscle contractility [MP:0008327]] myocardial necrosis [MP:0008416]] abnormal corticotroph morphology [MP:0008560]] increased somatotroph cell size [MP:0008566]] increased tumor necrosis factor secretion [MP:0008663]] increased interferon-gamma secretion [MP:0008687]] increased interleukin-12 secretion [MP:0008699]] increased interleukin-2 secretion [MP:0008705]] increased interleukin-4 secretion [MP:0008837]] increased interleukin-6 secretion [MP:0008838]] increased transforming growth factor level [MP:0008866]] decreased transforming growth factor level [MP:0008874]] chromosomal instability [MP:0009398]] decreased physiological sensitivity to xenobiotic [MP:0009399]] abnormal skeletal muscle fiber size [MP:0009400]] increased skeletal muscle fiber size [MP:0009401]] decreased skeletal muscle fiber size [MP:0009402]] increased skeletal muscle fiber diameter

[MP:0009403] decreased skeletal muscle fiber diameter [MP:0009404] increased variability of skeletal muscle fiber size [MP:0009405] centrally nucleated skeletal muscle fibers [MP:0009406] increased skeletal muscle fiber number [MP:0009410] decreased skeletal muscle fiber number [MP:0009412] abnormal skeletal muscle satellite cell proliferation [MP:0009413] skeletal muscle fiber degeneration [MP:0009414] skeletal muscle fiber atrophy [MP:0009415] skeletal muscle fiber necrosis [MP:0009416] skeletal muscle degeneration [MP:0009417] cardiac muscle degeneration [MP:0009419] skeletal muscle atrophy [MP:0009420] skeletal muscle fibrosis [MP:0009461] skeletal muscle endomysial fibrosis [MP:0010024] skeletal muscle hypertrophy [MP:0010053] increased total body fat amount [MP:0010090] decreased grip strength [MP:0010106] increased circulating creatine kinase level [MP:0010226] abnormal circulating pyruvate kinase level [MP:0010227] increased quadriceps weight [MP:0010238] decreased quadriceps weight [MP:0010239] increased skeletal muscle weight [MP:0010252] decreased skeletal muscle weight [MP:0010254] anterior subcapsular cataracts [MP:0010581] nuclear cataracts [MP:0010632] abnormal atrium myocardial trabeculae morphology [MP:0011086] cardiac muscle necrosis [MP:0011952] postnatal lethality [MP:0011966] incomplete penetrance [MP:0011967] decreased cardiac stroke volume [MP:0012106] abnormal auditory brainstem response waveform shape [MP:0013237] increased or absent threshold for auditory brainstem response [MP:0013467] impaired exercise endurance [MP:0014143] abnormal skeletal muscle regeneration [MP:0020309] diaphragmitis [MP:0030428]

Affected Gene: CmahDmd

Catalog Number: 050926-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:17420276](#), [PMID:6583703](#)

Alternate IDs: MMRRC_50926-MU, MMRRC_050926, MMRRC_5926

Organism Name: B10.129X1(B6)-Cmah^{tm1Avrk} Dmd^{mdx}/DuaMmmh

Record Creation Time: 20230308T055314+0000

Record Last Update: 20260801T124740+0000

Ratings and Alerts

No rating or validation information has been found for B10.129X1(B6)-Cmah^{tm1Avrk} Dmd^{mdx}/DuaMmmh.

No alerts have been found for B10.129X1(B6)-Cmah^{tm1Avrk} Dmd^{mdx}/DuaMmmh.

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.