

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

B6.129P2-Xpa^{tm1Hvs}/Mmmh

RRID:MMRRC_016831-MU

Type: Organism

Proper Citation

RRID:MMRRC_016831-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=16831

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Description: Mus musculus with name B6.129P2-Xpa^{tm1Hvs}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cancer, Models for Human Disease, Research Tools;
Mutation Type: Targeted Mutation ; Collection: CMGCC

Phenotype: abnormal abdominal fat pad morphology [MP:0000010]| abnormal adipose tissue distribution [MP:0000013]| osteoporosis [MP:0000066]| kyphosis [MP:0000160]| hypoglycemia [MP:0000189]| abnormal cell death [MP:0000313]| abnormal hair follicle morphology [MP:0000377]| abnormal cranium morphology [MP:0000438]| long limbs [MP:0000548]| small liver [MP:0000601]| tremors [MP:0000745]| abnormal telencephalon morphology [MP:0000787]| abnormal cerebral cortex morphology [MP:0000788]| dilated lateral ventricles [MP:0000825]| Purkinje cell degeneration [MP:0000876]| abnormal Purkinje cell morphology [MP:0000877]| reddish skin [MP:0001190]| scaly skin [MP:0001192]| abnormal epidermal layer morphology [MP:0001216]| hyperkeratosis [MP:0001242]| decreased body weight [MP:0001262]| decreased body size [MP:0001265]| corneal opacity [MP:0001314]| abnormal retina morphology [MP:0001325]| retinal degeneration [MP:0001326]| ataxia [MP:0001393]| hyperactivity [MP:0001399]| impaired coordination [MP:0001405]| abnormal gait [MP:0001406]| short stride length [MP:0001407]| impaired limb coordination [MP:0001524]| impaired balance [MP:0001525]| anemia [MP:0001577]| impaired hematopoiesis [MP:0001606]| postnatal growth retardation [MP:0001732]| skin edema [MP:0001786]| acanthosis [MP:0001874]| increased cellular sensitivity to gamma-irradiation [MP:0002007]| increased incidence of induced tumors [MP:0002021]| seizures [MP:0002064]| premature death [MP:0002083]| disproportionate dwarf [MP:0002427]| hepatic steatosis [MP:0002628]| increased thigmotaxis [MP:0002797]| increased cellular sensitivity to X-ray irradiation [MP:0002879]| testicular atrophy [MP:0003205]| neuron degeneration [MP:0003224]| astrogliosis

[MP:0003354]| pallor [MP:0003717]| abnormal retinal outer nuclear layer morphology [MP:0003731]| abnormal retinal inner nuclear layer morphology [MP:0003733]| premature aging [MP:0003786]| abnormal dorsal striatum morphology [MP:0004102]| muscle hypertonia [MP:0004143]| fetal growth retardation [MP:0004201]| abnormal limb posture [MP:0004263]| increased incidence of tumors by chemical induction [MP:0004499]| increased incidence of tumors by UV-induction [MP:0004501]| cachexia [MP:0005150]| dystonia [MP:0005323]| axon degeneration [MP:0005405]| abnormal cell physiology [MP:0005621]| thin cerebral cortex [MP:0006254]| abnormal epiphyseal plate morphology [MP:0006395]| increased cellular sensitivity to ultraviolet irradiation [MP:0008410]| decreased cellular sensitivity to ultraviolet irradiation [MP:0008411]| increased cellular sensitivity to oxidative stress [MP:0008412]| slow postnatal weight gain [MP:0008489]| abnormal neocortex morphology [MP:0008547]| microgliosis [MP:0008918]| abnormal base-excision repair [MP:0009796]| increased urinary system tumor incidence [MP:0010289]| increased liver glycogen level [MP:0010400]| postnatal lethality [MP:0011085]| complete penetrance [MP:0011088]| neonatal lethality [MP:0011090]| incomplete penetrance [MP:0011108]| perinatal lethality [MP:0011174]| incomplete penetrance [MP:0030003]

Affected Gene: Xpa

Catalog Number: 016831-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:7675086](#), [PMID:11695547](#)

Alternate IDs: MMRRC_16831-MU, MMRRC_016831, MMRRC_16831

Organism Name: B6.129P2-*Xpa*^{tm1Hvs}/Mmmh

Record Creation Time: 20230308T054944+0000

Record Last Update: 20260725T163827+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-*Xpa*^{tm1Hvs}/Mmmh.

No alerts have been found for B6.129P2-*Xpa*^{tm1Hvs}/Mmmh.

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.