

Resource Summary Report

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

[B6;129-Areg^{tm1Dle} Egf^{tm1Dle} Tgfa^{tm1Unc}/Mmnc](#)

RRID:MMRRC_011536-UNC

Type: Organism

Proper Citation

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Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11536

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Description: Mus musculus with name B6;129-Areg^{tm1Dle} Egf^{tm1Dle} Tgfa^{tm1Unc}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Cell Biology, Dermatology, Developmental Biology, Immunology and Inflammation, Internal/Organ, Models for Human Disease, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: waved hair [MP:0000410] alopecia [MP:0000414] abnormal small intestine morphology [MP:0000496] abnormal branching of the mammary ductal tree [MP:0000662] dermatitis [MP:0001194] spontaneous skin ulceration [MP:0001209] decreased body weight [MP:0001262] weight loss [MP:0001263] curly vibrissae [MP:0001274] microphthalmia [MP:0001297] eyelids open at birth [MP:0001302] corneal opacity [MP:0001314] postnatal growth retardation [MP:0001732] duodenal lesions [MP:0002580] abnormal ileum morphology [MP:0002581] abnormal intestinal goblet cell morphology [MP:0003449] abnormal small intestine crypts of Lieberkuhn morphology [MP:0004841] abnormal mammary gland growth during pregnancy [MP:0006269] hypolactation [MP:0013716] abnormal adipose tissue distribution [MP:0000013] abnormal hair follicle morphology [MP:0000377] abnormal hair follicle orientation [MP:0000383] waved hair [MP:0000410] alopecia [MP:0000414] abnormal small intestine morphology [MP:0000496] abnormal branching of the mammary ductal tree [MP:0000662] dermatitis [MP:0001194] spontaneous skin ulceration [MP:0001209] decreased body weight [MP:0001262] weight loss [MP:0001263] curly vibrissae [MP:0001274] kinked vibrissae [MP:0001278] microphthalmia [MP:0001297] eyelids open at birth [MP:0001302] cataract [MP:0001304] corneal opacity [MP:0001314] corneal scarring [MP:0001316] abnormal iris morphology [MP:0001322] abnormal eyelid morphology [MP:0001340] disheveled coat [MP:0001511] postnatal growth retardation

[MP:0001732] abnormal eye morphology [MP:0002092] duodenal lesions [MP:0002580] abnormal ileum morphology [MP:0002581] abnormal intestinal goblet cell morphology [MP:0003449] abnormal eyelid aperture [MP:0003671] abnormal hair shaft morphology [MP:0003809] abnormal hair medulla [MP:0003812] absent Descemet membrane [MP:0004285] small mandible [MP:0004592] abnormal small intestine crypts of Lieberkuhn morphology [MP:0004841] abnormal anterior eye segment morphology [MP:0005193] abnormal mammary gland growth during pregnancy [MP:0006269] ruptured lens capsule [MP:0008841] retinal neovascularization [MP:0008852] abnormal eyelid development [MP:0009651] absent eye anterior chamber [MP:0010709] Meibomian gland hypoplasia [MP:0013389] eyelid hyperplasia [MP:0013396] hypolactation [MP:0013716] orbicularis oculi muscle hypoplasia [MP:0030175] waved hair [MP:0000410] alopecia [MP:0000414] abnormal small intestine morphology [MP:0000496] abnormal branching of the mammary ductal tree [MP:0000662] dermatitis [MP:0001194] spontaneous skin ulceration [MP:0001209] decreased body weight [MP:0001262] weight loss [MP:0001263] curly vibrissae [MP:0001274] microphthalmia [MP:0001297] eyelids open at birth [MP:0001302] corneal opacity [MP:0001314] postnatal growth retardation [MP:0001732] no abnormal phenotype detected [MP:0002169] duodenal lesions [MP:0002580] abnormal ileum morphology [MP:0002581] abnormal intestinal goblet cell morphology [MP:0003449] abnormal small intestine crypts of Lieberkuhn morphology [MP:0004841] abnormal mammary gland growth during pregnancy [MP:0006269] hypolactation [MP:0013716]

Affected Gene: |Areg|Egf|Tgfa

Catalog Number: 011536-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:10331984](#), [PMID:11438495](#)

Alternate IDs: MMRRC_11536-UNC, MMRRC_011536, MMRRC_11536

Organism Name: B6;129-Areg^{tm1Dle} Egf^{tm1Dle} Tgfa^{tm1Unc}/Mmnc

Record Creation Time: 20230308T054911+0000

Record Last Update: 20260801T123556+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Areg^{tm1Dle} Egf^{tm1Dle} Tgfa^{tm1Unc}/Mmnc.

No alerts have been found for B6;129-Areg^{tm1Dle} Egf^{tm1Dle} Tgfa^{tm1Unc}/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.