

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

STOCK Nfkb^{ia}tm1Kbp Tg(KRT14-cre)1Cgn/leg

RRID:IMSR_EM:06271

Type: Organism

Proper Citation

RRID:IMSR_EM:06271

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=6271>

Proper Citation: RRID:IMSR_EM:06271

Description: Mus musculus with name STOCK Nfkb^{ia}tm1Kbp Tg(KRT14-cre)1Cgn/leg from IMSR.

Species: Mus musculus

Synonyms: K14cre Ikba

Notes: gene symbol note: transgene insertion 1; University of Cologne|nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor; alpha; mutant strain: Tg(KRT14-cre)1Cgn|Nfkb^{ia}

Affected Gene: transgene insertion 1; University of Cologne|nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor; alpha

Genomic Alteration: transgene insertion 1; University of Cologne|targeted mutation 1; Klaus Pfeffer

Catalog Number: EM:06271

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: STOCK Nfkb^{ia}tm1Kbp Tg(KRT14-cre)1Cgn/leg

Record Creation Time: 20250513T062233+0000

Record Last Update: 20260815T055735+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Nfkb^{tm1Kbp} Tg(KRT14-cre)¹Cgn/leg.

No alerts have been found for STOCK Nfkb^{tm1Kbp} Tg(KRT14-cre)¹Cgn/leg.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Krantz S, et al. (2026) Dissection of G?s and Hedgehog Signaling Cross-talk Reveals Therapeutic Opportunities to Target Hedgehog-Dependent Tumors. Cancer research, 86(4), 940.

Odaka C, et al. (2025) BRCA1 deficiency leads to aberrant epithelial differentiation in the thymus. ImmunoHorizons, 9(12).

Krantz S, et al. (2025) Dissection of G?s and Hedgehog signaling crosstalk reveals therapeutic opportunities to target adenosine receptor 2b in Hedgehog-dependent tumors. bioRxiv : the preprint server for biology.

Ku D, et al. (2025) Keratinocyte HIF-1? Orchestrates Imiquimod-Induced Psoriasiform Inflammation by Promoting Type 3 Inflammation. Biomedicines, 14(1).

Moon JY, et al. (2025) IL-17A is increased in diabetic wounds and impairs keratinocyte function via histone demethylase JMJD3. Nature communications, 17(1), 780.

Li QQ, et al. (2025) RIPK3 promotes skin inflammation by enhancing IL-36? signaling and necroptosis in keratinocytes. Cell death & disease, 16(1), 759.

Volatier T, et al. (2025) Characterization of Corneal Defects in ATG7-Deficient Mice. International journal of molecular sciences, 26(20).

Olczak A, et al. (2024) The overexpression of R-spondin 3 affects hair morphogenesis and hair development along with the formation and maturation of the hair follicle stem cells. Frontiers in physiology, 15, 1424077.

Luo CH, et al. (2024) Staphylococcus aureus exacerbates dermal IL-33/ILC2 axis activation through evoking RIPK3/MLKL-mediated necroptosis of dry skin. JCI insight, 9(6).

Raymundo JR, et al. (2023) KCTD1/KCTD15 complexes control ectodermal and neural crest cell functions, and their impairment causes aplasia cutis. *The Journal of clinical investigation*, 134(4).

Zhang H, et al. (2023) AP-2 α /AP-2 β transcription factors are key regulators of epidermal homeostasis. *bioRxiv* : the preprint server for biology.