

Resource Summary Report

Generated by T1D on Sep 20, 2026

B6;CBA-Tg(ATXN3*)84.2Cce/lbezJ

RRID:IMSR_JAX:012705

Type: Organism

Proper Citation

RRID:IMSR_JAX:012705

Organism Information

URL: <https://www.jax.org/strain/012705>

Proper Citation: RRID:IMSR_JAX:012705

Description: Mus musculus with name B6;CBA-Tg(ATXN3*)84.2Cce/lbezJ from IMSR.

Species: Mus musculus

Synonyms: B6.SCA3-YAC-84Q. B6.Cg-Tg(ATXN3*)84.2Cce/lbezJ

Notes: gene symbol note: ataxin 3|transgene insertion 84.2; Cemal K Cemal; mutant stock: ATXN3|Tg(ATXN3*)84.2Cce

Affected Gene: ataxin 3|transgene insertion 84.2; Cemal K Cemal

Genomic Alteration: transgene insertion 84.2; Cemal K Cemal

Catalog Number: JAX:012705

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6;CBA-Tg(ATXN3*)84.2Cce/lbezJ

Record Creation Time: 20250513T053722+0000

Record Last Update: 20260919T054909+0000

Ratings and Alerts

No rating or validation information has been found for B6;CBA-Tg(ATXN3*)84.2Cce/lbezJ.

No alerts have been found for B6;CBA-Tg(ATXN3*)84.2Cce/lbezJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Lv XT, et al. (2026) Relationship of subclinical lung injury to chronic airway inflammation in spinocerebellar ataxia type 3. Orphanet journal of rare diseases, 21(1).

Banez-Coronel M, et al. (2025) Repeat-associated non-AUG translation as a common mechanism for the polyGln ataxias. Cell reports, 45(1), 116741.

Bartelt LC, et al. (2023) Purkinje-Enriched snRNA-seq in SCA7 Cerebellum Reveals Zebrin Identity Loss as a Central Feature of Polyglutamine Ataxias. bioRxiv : the preprint server for biology.

Hsieh M, et al. (2019) Protective roles of carbonic anhydrase 8 in Machado-Joseph Disease. Journal of neuroscience research, 97(10), 1278.

Griesche N, et al. (2016) Regulation of mRNA Translation by MID1: A Common Mechanism of Expanded CAG Repeat RNAs. Frontiers in cellular neuroscience, 10, 226.