

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

tetO-Mex3a_HyperTRIBE-adar_deaminase-V5-t2a-mCherry

RRID:Addgene_241315

Type: Plasmid

Proper Citation

RRID:Addgene_241315

Plasmid Information

URL: <http://www.addgene.org/241315>

Proper Citation: RRID:Addgene_241315

Insert Name: Mex3a

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pTRE2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Mex3a is fused to the HyperTRIBE domain and V5, followed by a t2a-mCherry. Mex3a underlying DNA sequence was altered to reduce GC content, but amino acid sequence is conserved to mm10 Mex3a. The "HyperTRIBE" mutation of the adar deaminase domain is E488Q in drosophila and is conserved at the E957Q amino acid in the mouse Adar gene (amino acid references transcript uc008pzx.2 which is 1178 amino acids in length). The Adar fusion insert is a C-terminal truncation of the total Adar gene from T788 to F1170 - which spans the deaminase domain

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Record Creation Time: 20251105T054728+0000

Record Last Update: 20260725T080503+0000

Ratings and Alerts

No rating or validation information has been found for tetO-Mex3a_HyperTRIBE-adar_deaminase-V5-t2a-mCherry.

No alerts have been found for tetO-Mex3a_HyperTRIBE-adar_deaminase-V5-t2a-mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.