

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pHR-Tre3G-29xGGGGGCC-12xMS2

RRID:Addgene_99149

Type: Plasmid

Proper Citation

RRID:Addgene_99149

Plasmid Information

URL: <http://www.addgene.org/99149>

Proper Citation: RRID:Addgene_99149

Insert Name: 29xGGGGGCC 12xMS2 hairpins

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28562589](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:8700; Vector Backbone:pHR-TRE3G; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: 29x GGGGCC cannot be confirmed by sequencing due to high GC content. Addgene was able to verify at least 16x repeats. Instability may be observed in the repeat region so it is recommended that multiple DNA preparations be screened.

Plasmid Name: pHR-Tre3G-29xGGGGGCC-12xMS2

Record Creation Time: 20220422T222633+0000

Record Last Update: 20260815T082243+0000

Ratings and Alerts

No rating or validation information has been found for pHR-Tre3G-29xGGGGGCC-12xMS2.

No alerts have been found for pHR-Tre3G-29xGGGGGCC-12xMS2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Wen X, et al. (2020) Tau Accumulation via Reduced Autophagy Mediates GGGGCC Repeat Expansion-Induced Neurodegeneration in Drosophila Model of ALS. Neuroscience bulletin, 36(12), 1414.