

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pMTP140 (pBAD322G_TniQ-Cascade(Tn6900))

RRID:Addgene_164262

Type: Plasmid

Proper Citation

RRID:Addgene_164262

Plasmid Information

URL: <http://www.addgene.org/164262>

Proper Citation: RRID:Addgene_164262

Insert Name: Codon-optimized tniQ-cas8/5-cas7-cas6 operon from Tn6900 from *A. salmonicida* S44 pS44-1

Organism: *Aeromonas salmonicida*

Bacterial Resistance: Gentamicin

Defining Citation: [PMID:33271061](#)

Vector Backbone Description: Backbone Size:4357; Vector Backbone:pBAD322G; Vector Types:Bacterial Expression; Bacterial Resistance:Gentamicin

Comments: Reference for vector backbone. Cronan, J. E. (2006). A family of arabinose-inducible *Escherichia coli* expression vectors having pBR322 copy control. *Plasmid*, 55(2), 152–157. <http://doi.org/10.1016/j.plasmid.2005.07.001>

Plasmid Name: pMTP140 (pBAD322G_TniQ-Cascade(Tn6900))

Record Creation Time: 20220422T221928+0000

Record Last Update: 20260725T074154+0000

Ratings and Alerts

No rating or validation information has been found for pMTP140 (pBAD322G_TniQ-Cascade(Tn6900)).

No alerts have been found for pMTP140 (pBAD322G_TniQ-Cascade(Tn6900)).

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 [NIF](#) .

Yang S, et al. (2021) Orthogonal CRISPR-associated transposases for parallel and multiplexed chromosomal integration. Nucleic acids research, 49(17), 10192.