

Resource Summary Report

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

TMD21

RRID:Addgene_163676

Type: Plasmid

Proper Citation

RRID:Addgene_163676

Plasmid Information

URL: <http://www.addgene.org/163676>

Proper Citation: RRID:Addgene_163676

Insert Name: partial length ST6 beta-galactoside alpha-2,6-sialyltransferase 1 mutant

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:34533190](#)

Vector Backbone Description: Backbone Marker:E. Snapp (Addgene plasmid # 68070); Backbone Size:4695; Vector Backbone:pmoxGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: TMD21

Relevant Mutation: For this partial length ST chimera, two restriction sites, SpeI and NdeI, were introduced into the TMD by silent mutation and its TMD length is elongated to 21 amino acids by inserting Ala, Val, Leu and Val residues.

Record Creation Time: 20220422T221925+0000

Record Last Update: 20260725T074148+0000

Ratings and Alerts

No rating or validation information has been found for TMD21.

No alerts have been found for TMD21.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.