Resource Summary Report

Generated by NIF on Aug 15, 2026

4XBS2WT-Luc

RRID:Addgene_16593
Type: Plasmid

Proper Citation

RRID:Addgene_16593

Plasmid Information

URL: http://www.addgene.org/16593

Proper Citation: RRID:Addgene_16593

Insert Name: p53 binding sites

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:11463391

Vector Backbone Description: Backbone Marker:Vogelstein Lab; Backbone Size:4867; Vector Backbone:pBV-Luc; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Comments: The following oligo pairs containing two copies of wild-type p53 binding sites were used: 5'-CTAGGCTGCA AGTCCTGACT TGTCCACACT CTGCAAGTCC TGACTTGTCC-3' and 5'-CTAGGGACAA GTCAGGACTT GCAGAGTGTG GACAAGTCAG GACTTGCAGC-3'. The annealed oligonucleotide pairs were concatamerized and cloned into the NheI site of pBVLuc.

Plasmid Name: 4XBS2WT-Luc

Record Creation Time: 20220422T221935+0000

Record Last Update: 20260815T080932+0000

Ratings and Alerts

No rating or validation information has been found for 4XBS2WT-Luc.

No alerts have been found for 4XBS2WT-Luc.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Gudikote JP, et al. (2021) Inhibition of nonsense-mediated decay rescues p53?/? isoform expression and activates the p53 pathway in MDM2-overexpressing and select p53-mutant cancers. The Journal of biological chemistry, 297(5), 101163.

Hennigan RF, et al. (2019) Proximity biotinylation identifies a set of conformation-specific interactions between Merlin and cell junction proteins. Science signaling, 12(578).