

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 29, 2026

GFP-UBR5

RRID:Addgene_52050

Type: Plasmid

Proper Citation

RRID:Addgene_52050

Plasmid Information

URL: <http://www.addgene.org/52050>

Proper Citation: RRID:Addgene_52050

Insert Name: UBR5

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22884692](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5887; Vector Backbone:pcDNA 6.2 N-EmGFP-DEST-V5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Plasmid encodes a C-terminal V5 fusion, however this is not included as UBR5 cDNA insert contains 3' STOP codon. Addgene NGS results identified a K503R mutation within the UBR5 translation. There is no information on the functional consequence of this mutation

Plasmid Name: GFP-UBR5

Record Creation Time: 20220422T222305+0000

Record Last Update: 20260829T080645+0000

Ratings and Alerts

No rating or validation information has been found for GFP-UBR5.

No alerts have been found for GFP-UBR5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Wen P, et al. (2024) Hyd/UBR5 defines a tumor suppressor pathway that links Polycomb repressive complex to regulated protein degradation in tissue growth control and tumorigenesis. *Genes & development*, 38(13-14), 675.

Hehl LA, et al. (2023) Structural snapshots along K48-linked ubiquitin chain formation by the HECT E3 UBR5. *Nature chemical biology*.

Yan Y, et al. (2022) BoxCar and shotgun proteomic analyses reveal molecular networks regulated by UBR5 in prostate cancer. *Proteomics*, 22(4), e2100172.

Saez I, et al. (2020) The E3 ubiquitin ligase UBR5 interacts with the H/ACA ribonucleoprotein complex and regulates ribosomal RNA biogenesis in embryonic stem cells. *FEBS letters*, 594(1), 175.

Shearer RF, et al. (2018) The E3 ubiquitin ligase UBR5 regulates centriolar satellite stability and primary cilia. *Molecular biology of the cell*, 29(13), 1542.

Koyuncu S, et al. (2018) The ubiquitin ligase UBR5 suppresses proteostasis collapse in pluripotent stem cells from Huntington's disease patients. *Nature communications*, 9(1), 2886.

Xie Z, et al. (2017) Significance of the E3 ubiquitin protein UBR5 as an oncogene and a prognostic biomarker in colorectal cancer. *Oncotarget*, 8(64), 108079.