

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

pMRXIP GFP-Stx17TM

RRID:Addgene_45910

Type: Plasmid

Proper Citation

RRID:Addgene_45910

Plasmid Information

URL: <http://www.addgene.org/45910>

Proper Citation: RRID:Addgene_45910

Insert Name: Syntaxin 17

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23217709](#)

Vector Backbone Description: Backbone Marker:Dr.Shoji Yamaoka of Tokyo Medical and Dental University; Backbone Size:6600; Vector Backbone:pMRXIP GFP-Ci2; Vector Types:Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pMRXIP GFP-Stx17TM

Relevant Mutation: deleted amino acids 1-228

Record Creation Time: 20220422T222237+0000

Record Last Update: 20260905T075658+0000

Ratings and Alerts

No rating or validation information has been found for pMRXIP GFP-Stx17TM.

No alerts have been found for pMRXIP GFP-Stx17TM.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Shinoda S, et al. (2024) Syntaxin 17 recruitment to mature autophagosomes is temporally regulated by PI4P accumulation. *eLife*, 12.

Towers CG, et al. (2020) Autophagy-dependent cancer cells circumvent loss of the upstream regulator RB1CC1/FIP200 and loss of LC3 conjugation by similar mechanisms. *Autophagy*, 16(7), 1332.

Shoemaker CJ, et al. (2019) CRISPR screening using an expanded toolkit of autophagy reporters identifies TMEM41B as a novel autophagy factor. *PLoS biology*, 17(4), e2007044.

Takahashi Y, et al. (2018) An autophagy assay reveals the ESCRT-III component CHMP2A as a regulator of phagophore closure. *Nature communications*, 9(1), 2855.