

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

[pmTurquoise2-Golgi](#)

RRID:Addgene_36205

Type: Plasmid

Proper Citation

RRID:Addgene_36205

Plasmid Information

URL: <http://www.addgene.org/36205>

Proper Citation: RRID:Addgene_36205

Insert Name: Golgi targeting sequence

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22434194](#)

Vector Backbone Description: Vector Backbone:pmTurquoise2-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pmTurquoise2-Golgi

Record Creation Time: 20220422T222154+0000

Record Last Update: 20260815T081406+0000

Ratings and Alerts

No rating or validation information has been found for pmTurquoise2-Golgi.

No alerts have been found for pmTurquoise2-Golgi.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Kim SH, et al. (2026) Remodeling synaptic connections via engineered neuron-astrocyte interactions. *Nature communications*, 17(1).

Fulp K, et al. (2025) EMT activates ER-to-Golgi trafficking through upregulation of REEP2 to promote lung cancer progression. *bioRxiv : the preprint server for biology*.

Martin A, et al. (2024) A general strategy to develop fluorogenic polymethine dyes for bioimaging. *Nature chemistry*, 16(1), 28.

Xu X, et al. (2024) Protocol to visualize and quantify the COPII concentration and anterograde transport of nascent G protein-coupled receptors. *STAR protocols*, 5(2), 102955.

Hao M, et al. (2024) In vivo CRISPR knockout screen identifies p47 as a suppressor of HER2+ breast cancer metastasis by regulating NEMO trafficking and autophagy flux. *Cell reports*, 43(2), 113780.

Kamemura K, et al. (2024) Secretion of endoplasmic reticulum protein VAPB/ALS8 requires topological inversion. *Nature communications*, 15(1), 8777.

Kim YH, et al. (2024) Inhibition of VHL by VH298 Accelerates Pexophagy by Activation of HIF-1? in HeLa Cells. *Molecules (Basel, Switzerland)*, 29(2).

Raj N, et al. (2023) Early Endosomes Act as Local Exocytosis Hubs to Repair Endothelial Membrane Damage. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 10(13), e2300244.

Frei MS, et al. (2022) Engineered HaloTag variants for fluorescence lifetime multiplexing. *Nature methods*, 19(1), 65.

Petazzi RA, et al. (2021) Detection of Envelope Glycoprotein Assembly from Old-World Hantaviruses in the Golgi Apparatus of Living Cells. *Journal of virology*, 95(4).

Zolotarov Y, et al. (2021) ARL15 modulates magnesium homeostasis through N-glycosylation of CNNMs. *Cellular and molecular life sciences : CMLS*, 78(13), 5427.

Kerselidou D, et al. (2021) Alternative glycosylation controls endoplasmic reticulum dynamics and tubular extension in mammalian cells. *Science advances*, 7(19).

Luan H, et al. (2021) CHIP/STUB1 Ubiquitin Ligase Functions as a Negative Regulator of ErbB2 by Promoting Its Early Post-Biosynthesis Degradation. *Cancers*, 13(16).

Hatori Y, et al. (2020) Visualization of the Redox Status of Cytosolic Glutathione Using the Organelle- and Cytoskeleton-Targeted Redox Sensors. *Antioxidants (Basel, Switzerland)*, 9(2).

Jo DS, et al. (2020) Loss of HSPA9 induces peroxisomal degradation by increasing pexophagy. *Autophagy*, 16(11), 1989.

Ward KE, et al. (2020) The Cytosolic Phospholipase A2? N-terminal C2 Domain Binds and Oligomerizes on Membranes with Positive Curvature. *Biomolecules*, 10(4).

Fujii S, et al. (2020) Recycling endosomes attach to the trans-side of Golgi stacks in *Drosophila* and mammalian cells. *Journal of cell science*, 133(4).

Chen X, et al. (2019) Visualizing RNA dynamics in live cells with bright and stable fluorescent RNAs. *Nature biotechnology*, 37(11), 1287.

Kim M, et al. (2019) Basal-type lumenogenesis in extraembryonic endoderm stem cells models the early visceral endoderm. *Journal of cell science*, 132(19).

Le Vasseur M, et al. (2019) Pannexin 2 Localizes at ER-Mitochondria Contact Sites. *Cancers*, 11(3).