

Resource Summary Report

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

mEmerald-TOMM20-C-10

RRID:Addgene_54281

Type: Plasmid

Proper Citation

RRID:Addgene_54281

Plasmid Information

URL: <http://www.addgene.org/54281>

Proper Citation: RRID:Addgene_54281

Insert Name: TOMM20

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mEmerald-C1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 487; Emission = 509. Localization data: Nucleus

Plasmid Name: mEmerald-TOMM20-C-10

Record Creation Time: 20220422T222318+0000

Record Last Update: 20260815T081639+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-TOMM20-C-10.

No alerts have been found for mEmerald-TOMM20-C-10.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Li X, et al. (2023) Three-dimensional structured illumination microscopy with enhanced axial resolution. *Nature biotechnology*, 41(9), 1307.

Belton TB, et al. (2022) Live cell microscopy of mitochondria-lysosome contact site formation and tethering dynamics. *STAR protocols*, 3(2), 101262.

Li Y, et al. (2022) Incorporating the image formation process into deep learning improves network performance. *Nature methods*, 19(11), 1427.

Han X, et al. (2021) A polymer index-matched to water enables diverse applications in fluorescence microscopy. *Lab on a chip*, 21(8), 1549.

Wong YC, et al. (2019) Lysosomal Regulation of Inter-mitochondrial Contact Fate and Motility in Charcot-Marie-Tooth Type 2. *Developmental cell*, 50(3), 339.

Wong YC, et al. (2018) Mitochondria-lysosome contacts regulate mitochondrial fission via RAB7 GTP hydrolysis. *Nature*, 554(7692), 382.