

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pSMAL-CellTag-V3

RRID:Addgene_115645

Type: Plasmid

Proper Citation

RRID:Addgene_115645

Plasmid Information

URL: <http://www.addgene.org/115645>

Proper Citation: RRID:Addgene_115645

Insert Name: CellTag Barcode

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30518857](#)

Vector Backbone Description: Backbone Size:8427; Vector Backbone:pSMAL; Vector Types:Mammalian Expression, Lentiviral, Barcoding library; Bacterial Resistance:Ampicillin

Comments: The pSMAL backbone was a kind gift from John Dick: van Galen, P. et al. The unfolded protein response governs integrity of the haematopoietic stem-cell pool during stress. Nature 510, 268–72 (2014)

Plasmid Name: pSMAL-CellTag-V3

Record Creation Time: 20220422T221605+0000

Record Last Update: 20260725T073551+0000

Ratings and Alerts

No rating or validation information has been found for pSMAL-CellTag-V3.

No alerts have been found for pSMAL-CellTag-V3.

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](#) .

Coulombe P, et al. (2025) Deciphering the effect of UM171 on human hematopoietic progenitor cell fate through clonal analysis. Nature communications, 16(1), 195.

Kong W, et al. (2020) CellTagging: combinatorial indexing to simultaneously map lineage and identity at single-cell resolution. Nature protocols, 15(3), 750.