

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

pIL6-PMEL-hbb

RRID:Addgene_239868

Type: Plasmid

Proper Citation

RRID:Addgene_239868

Plasmid Information

URL: <http://www.addgene.org/239868>

Proper Citation: RRID:Addgene_239868

Insert Name: Full premelanosome coding sequence with IL6 signal peptide, flanked by human haemoglobin beta 5' and 3' UTRs

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:40661784](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:3636; Vector Backbone:pGL3Control; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pIL6-PMEL-hbb

Relevant Mutation: Valine to Glycine change is at amino acid 26 of nascent protein. This results in immunogenic KVP to KGP change at N-terminal of mature protein, immediately downstream of signal peptide.

Record Creation Time: 20250709T054434+0000

Record Last Update: 20260829T082429+0000

Ratings and Alerts

No rating or validation information has been found for pIL6-PMEL-hbb.

No alerts have been found for pIL6-PMEL-hbb.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Smart AD, et al. (2025) A proximity-labeling-based approach to directly detect mRNA delivery to specific subcellular locations. Molecular therapy. Nucleic acids, 36(3), 102602.