

# Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

## pTCF10 HLA-B\*08:01

RRID:Addgene\_180447

Type: Plasmid

### Proper Citation

RRID:Addgene\_180447

### Plasmid Information

**URL:** <http://www.addgene.org/180447>

**Proper Citation:** RRID:Addgene\_180447

**Insert Name:** HLA-B\*08:01

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

**Vector Backbone Description:** Backbone Marker:Novagen; Vector Backbone:pET24a+; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

**Comments:** <https://www.ebi.ac.uk/ipd/imgt/hla/alleles/allele/?accession=HLA00146> provides allele sequence data. For detailed protocols of expression, purification and use to visualize antigen-specific T cells, please refer to Altman and Davis (2016) Curr. Protoc. Immunol. doi.org/10.1002/cpim.14. We recommend the E. coli BL21(DE3) strain for expression.

**Plasmid Name:** pTCF10 HLA-B\*08:01

**Relevant Mutation:** Replacement of transmembrane domain with enzymatic biotinylation site

**Record Creation Time:** 20220422T222034+0000

**Record Last Update:** 20260815T081126+0000

### Ratings and Alerts

No rating or validation information has been found for pTCF10 HLA-B\*08:01.

No alerts have been found for pTCF10 HLA-B\*08:01.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.