

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pJA54 HLA-A*03:01

RRID:Addgene_180451

Type: Plasmid

Proper Citation

RRID:Addgene_180451

Plasmid Information

URL: <http://www.addgene.org/180451>

Proper Citation: RRID:Addgene_180451

Insert Name: HLA-A*03:01

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Promega; Vector Backbone:pGEMEX; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: <https://www.ebi.ac.uk/ipd/imgt/hla/alleles/allele/?accession=HLA00037> 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: pJA54 HLA-A*03:01

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 pJA54 HLA-A*03:01.

No alerts have been found for pJA54 HLA-A*03:01.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.