

Resource Summary Report

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

p3A9cbetaTCR

RRID:Addgene_69600

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/69600>

Proper Citation: RRID:Addgene_69600

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9553774](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pBluescript KS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: A 1.0 kb Sma-I/Not-I fragment containing the TCR b-chain enhancer element was excised from pKS913.Cb18.31 and cloned into the pKS Bluescript plasmid (Stratagene), which had been modified to remove the Kpn-I and Cla-I restriction sites from the polylinker resulting in the pKS.bEnh plasmid. A Sal-I fragment, containing the B3 TCR b-chain enhancer, promoter and coding regions, was isolated from pKS913.Cb18.31 and cloned into the Sal-I site of the pKS.bEnh plasmid to give the construct pKS913.Cb18.31(Kpn-I)/Cla-I). A 4.2 kb Eco-I/Cla-I fragment comprising the 5' region and leader sequence from the hybridoma 2B4 was isolated from the p3A9 b shuttle vector. This fragment was cloned into the pGEM-T plasmid (Promega) resulting in the pG3A9 plasmid. A 4.2 kb Apa-I/Cla-I fragment, containing the 2B4 5' region and leader sequence, was isolated from the pG3A9 plasmid. This fragment was cloned into pKS319.Cb18.31(Kpn-I)/Cla-I) after removal of the B3 TCR b-chain promoter and the TCRBVDJ coding regions by a combined Apa-I/Cla-I restriction enzyme digest, resulting in the p3A9cbTCR plasmid.

Plasmid Name: p3A9cbetaTCR

Record Creation Time: 20220422T222431+0000

Record Last Update: 20260829T080925+0000

Ratings and Alerts

No rating or validation information has been found for p3A9cbetaTCR.

No alerts have been found for p3A9cbetaTCR.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.