

Resource Summary Report

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

pESC-NAT-Ago-Dcr

RRID:Addgene_160381

Type: Plasmid

Proper Citation

RRID:Addgene_160381

Plasmid Information

URL: <http://www.addgene.org/160381>

Proper Citation: RRID:Addgene_160381

Insert Name: Ago- Dcr

Organism: Saccharomyces cerevisiae

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:7959; Vector Backbone:pESC; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: AGO1 and DCR1 genes were amplified from *S. castellii* gDNA using primers atac gcggccgc aacgatgtcatccaattcgg+ and atac gcggccgc agcacataaactctttgttc, respectively. Plasmid pESC-LEU was converted to leu2::NAT derivative via short-homology in vivo replacement using PCR product generated using primers AAGCAAGGATTTTCTTAAGTTCTTCGGCGACAGCATCACCGACTTCGGTGc agc tga agc ttc gta cgc+ttttccaataggtggttagcaatcgtcttactttctaacttttcttacct agg cca cta gtg gat ctg and pAG25 template. AGO1 was cloned into NotI site of pESC-NAT to yield pESC-NAT-AGO1 plasmid. DCR1 was cloned into ApaI/XhoI site of pESC-NAT-AGO1 to yield pESC-NAT-AGO1-DCR1 plasmid.

Plasmid Name: pESC-NAT-Ago-Dcr

Record Creation Time: 20221210T080251+0000

Record Last Update: 20260815T082429+0000

Ratings and Alerts

No rating or validation information has been found for pESC-NAT-Ago-Dcr.

No alerts have been found for pESC-NAT-Ago-Dcr.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.