

Resource Summary Report

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

pSB4k5_RNAnano (r-plasmid)

RRID:Addgene_127634

Type: Plasmid

Proper Citation

RRID:Addgene_127634

Plasmid Information

URL: <http://www.addgene.org/127634>

Proper Citation: RRID:Addgene_127634

Insert Name: RNA nanostrcutre

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29564885](#)

Vector Backbone Description: Backbone Size:3300; Vector Backbone:pSB4K5; Vector Types:Synthetic Biology; Bacterial Resistance:Kanamycin

Comments: The insert was designed by F. Chizzolini and M. Schwarz-Schilling and cloned by M.Schwarz-Schilling. The RNA sequence for the: 3WJ is from Shu, D. et al. Nucleic Acids Res. 2014, 42, e10; MG aptamer is from Babendure, J. R. et al. J. Am. Chem. Soc. 2003, 125, 14716?7; PP7 aptamer is from Chao, J. A. et al. Nat. Struct. Mol. Biol. 2008, 15, 103?5; TAR aptamer is from Bayer, T. S. et al. RNA 2005, 11, 1848?57; Streptavidin aptamer is from: Srisawat, C. and Engelke, D. R. RNA 2001, 7, 632?41.

Plasmid Name: pSB4k5_RNAnano (r-plasmid)

Record Creation Time: 20220422T221710+0000

Record Last Update: 20260815T080438+0000

Ratings and Alerts

No rating or validation information has been found for pSB4k5_RNAnano (r-plasmid).

No alerts have been found for pSB4k5_RNAnano (r-plasmid).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.