

Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

LPCX BMP-RIB Q203D

RRID:Addgene_12642

Type: Plasmid

Proper Citation

RRID:Addgene_12642

Plasmid Information

URL: <http://www.addgene.org/12642>

Proper Citation: RRID:Addgene_12642

Insert Name: BMP-RIB

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12379805](#)

Vector Backbone Description: Backbone Size:6600; Vector Backbone:LPCX; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: LPCX was made by replacing the neo gene of LNCX with the puro gene.

Plasmid Name: LPCX BMP-RIB Q203D

Relevant Mutation: Q203D, activating mutation

Record Creation Time: 20220422T221703+0000

Record Last Update: 20260829T075412+0000

Ratings and Alerts

No rating or validation information has been found for LPCX BMP-RIB Q203D.

No alerts have been found for LPCX BMP-RIB Q203D.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Tamamura Y, et al. (2017) Irx3 and Bmp2 regulate mouse mesenchymal cell chondrogenic differentiation in both a Sox9-dependent and -independent manner. Journal of cellular physiology, 232(12), 3317.

Lee SH, et al. (2016) Orai1 mediates osteogenic differentiation via BMP signaling pathway in bone marrow mesenchymal stem cells. Biochemical and biophysical research communications, 473(4), 1309.