

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

SEMA3A (chick) pBLUE

RRID:Addgene_29564

Type: Plasmid

Proper Citation

RRID:Addgene_29564

Plasmid Information

URL: <http://www.addgene.org/29564>

Proper Citation: RRID:Addgene_29564

Insert Name: SEMA3A (chick)

Organism: Gallus gallus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:stratagene; Backbone Size:3000; Vector Backbone:pBLUESCRIPT (SK); Vector Types:pBlue for ISH; Bacterial Resistance:Ampicillin

Comments: To generate the sense probe for ISH, linearize the plasmid with XbaI and transcribe with T3 RNA polymerase. To generate the antisense probe, linearize the plasmid with NotI and transcribe with T7 RNA polymerase. Please note that T7 is the 5' sequencing primer for the vector; however, the SEMA3A insert is cloned in reverse orientation. For cloning purposes, NotI is at the 5' end of SEMA3A while XbaI is at the 3' end of SEMA3A.

Plasmid Name: SEMA3A (chick) pBLUE

Relevant Mutation: 2.1kb fragment for in situ hybridization (ISH)

Record Creation Time: 20220422T222130+0000

Record Last Update: 20260725T074533+0000

Ratings and Alerts

No rating or validation information has been found for SEMA3A (chick) pBLUE.

No alerts have been found for SEMA3A (chick) pBLUE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.