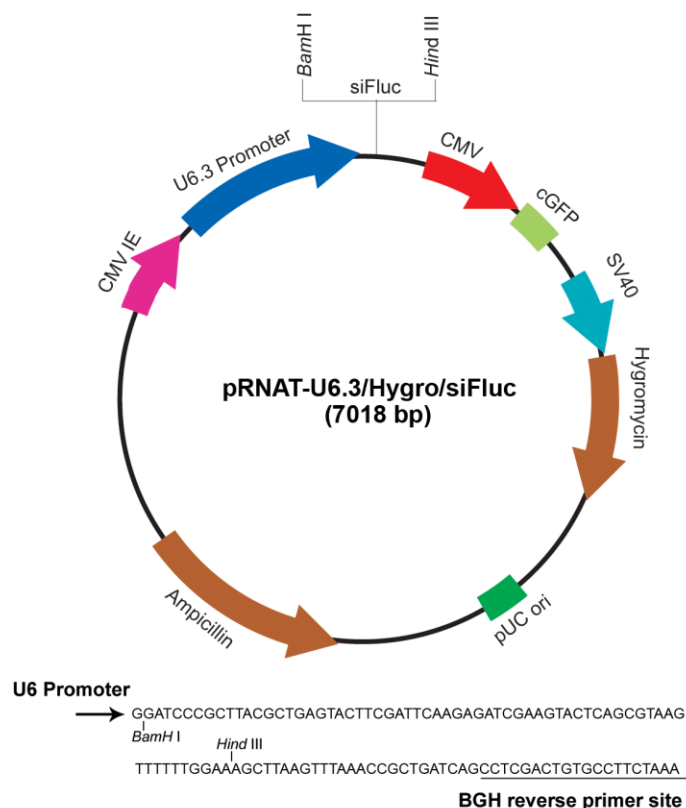


siRNA expression vector pRNAT-U6.3/Hygro/siFLuc (Catalogue No.: SD1565)

Description: pRNAT-U6.3/Hygro/siFLuc is a GenScript siRNA expression vector. It is designed for mammalian transfection. The GFP marker (coral GFP, cGFP) under CMV promoter control can be used to track the transfection efficiency. It uses an enhanced U6 promoter (enhanced by a CMV enhancer just before U6 promoter) for siRNA expression. This vector contains siRNA construct for Firefly luciferase, and can be used as a positive control. It can also be used as a siRNA vector using BamH I and Hind III for siRNA insertion.



Polylinker:	824-893
CMV IE:	7-490
siFLuc:	830-887
U6 Promoter:	497-823
CMV Promoter:	932-1519
cGFP:	1536-2255
SV40 Promoter:	2944-3289
Hygromycin:	3312-4337
pUC ori:	5007-5647
Ampicillin:	5795-6655

Forward Sequencing Primer:

DA0011: pRNA-U6 Forward
(TACGATACAAGGCTGTAGAGAG)

Reverse Sequencing Primer:

DA0012: pRNA Reverse
(TAGAAGGCACAGTCGAGG)

Reference:

Xu Gang Xia, *et al.* (2003) An enhanced U6 promoter for synthesis of short hairpin RNA. *Nucleic Acids Research*, 31, No.17 e100