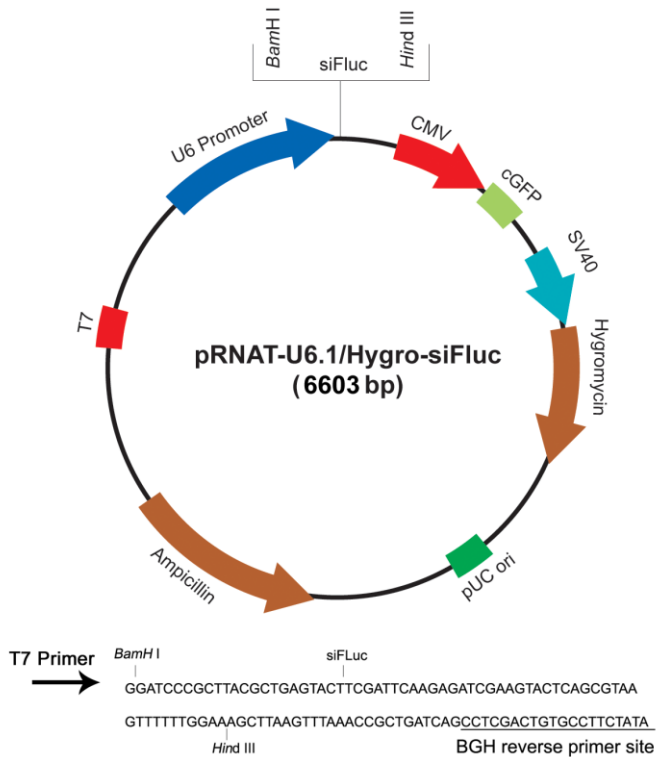


siRNA expression vector pRNAT-U6.1/Hygro/siFluc (Catalogue No.: SD1512)

Description: pRNAT-U6.1/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 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: 78-147
U6 Promoter: 6354-77
CMV Promoter: 186-782
cGFP: 798-1517
SV40 Promoter: 2206-2551
Hygromycin: 2574-3599
pUC ori: 4269-4909
Ampicillin: 5057-5917

Forward Sequencing Primer:
[DA0011: pRNA-U6 Forward](#)
 (TACGATACAAGGCTGTAGAGAG)
Reverse Sequencing Primer:
[DA0012: pRNA Reverse](#)
 (TAGAAGGCACAGTCGAGG)

***Limited Use Label License:** The use of CMV promoter is covered under U. S. Patent No. 5,168,062 and 5,385,839 owned and licensed by the University of Iowa Research Foundation and is sold for research use only. Commercial users must obtain a license to these patents directly from the University of Iowa Research Foundation (UIRF), 214 Technology Innovation Center, Iowa City, Iowa 52242. For further information, please contact the Associate Director of UIRF, at 319-335-4546.