

Gene	Primer code	Sequences (5'-3')
<i>Sch1</i>	FP1F01Fwd FP1F01Rev	CACTCAAGAGTCTTGCCCCATCC ATCAGCACATCGATCTTGCCG
<i>Sch1</i>	5'FwdXhoI-R567 5'RevHindIII-R567	CTCGAGATCTACGCCTTGGTCCAGTG AAGCTTTAGCTGCGGAGTCGTGATCT
<i>Sch1</i>	3'FwdPstI-R567 3'RevNotI-R567	CTGCAGGAAGGGCAGATGAGTGTA GCGGCCGCTACACATAAACTTAGACTTG
<i>Sch1</i>	R567FwdKO R567RevKO	CCTTGGTCCAGTGGAAATCGGA CGACCTCGTCATCGTATGGAAAAC
<i>Sch1</i>	Sch1GFPtransF Sch1GFPtransR*	AGCCATCGCTTTGTAGGGTC <u>TCGCCCTTGCTCACCATTGTAGCTGCGGAGTCGTGAT</u>
<i>EGFP</i>	GFP-PCRf GFP-PCRr	ATGGTGAGCAAGGGCGA GAGCCCGTCACAGAAGATGATA
SNOG_01139	ActinF ActinR	CTGCTTTGAGATCCACAT GTCACCACTTTCAACTCC
SNOG_01139	ActinqPCRf ActinqPCRr	AGTCGAAGCGTGGTATCCT ACTTGGGGTTGATGGGAG
SNOG_07541	R563RTF R563RTR	CAGCCTCATAACACCTAACATTGGC GCTTGTAGCCGGTATGTGAGACCT
SNOG_07604	R646RTF R646RTR	GTCTGGTTCACGGGCTTCCA GAGTACTTGCCGCCGACCAA
SNOG_08275	R800RTF R800RTR	TATCACAAGTACATCAGC GAGAGCGGTTGATGGAAGGCA
SNOG_11081	F6B03rtF1 F6B03rtR1	GGTTTCTGGGATAAGAAC TTTAGCCTCAGTCTGAGC
SNOG_11441	R806RTF R806RTR	GATCACCTTTTCGCACATTCAGTCC TTAATGCTCCAGGGTTGATCACAA
SNOG_11663	EF-1alphaF EF-1alphaR	TGTTGTCGCCGTTGAATC CTCATCGTCGCCATCAAC
SNOG_13042	R1048RTF R1048RTR	AGTGACGACGCCAATGTGGC AACTGAGTTCGCGATGCGGG

*underlined sequence is a reverse complement of GFP-PCRf

Comments

RT-PCR

Amplification of 5' *Sch1* UTR for
knockout vector construction

Amplification of 3' *Sch1* UTR for
knockout vector construction

Amplification of the *Sch1* knockout
vector

Amplification of the *Sch1* putative
promoter site

Amplification of *eGFP* from pGPD-
GFP

Intron spanning PCR

RT-PCR

RT-PCR

RT-PCR

RT-PCR

RT-PCR

RT-PCR

RT-PCR

RT-PCR
