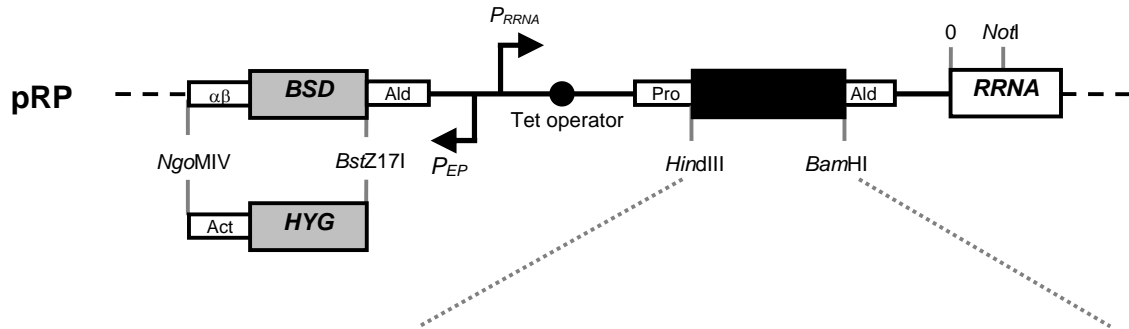


Tagging Plasmid: pRP^{iTAG}



Expression cassettes

GFP_X / Myc_X / TOM_X

AAGCTT **ATG-GFP/Myc/TOM** TCTAGA **insert STOP** GGATCC
HindIII *XbaI* *BamHI*

X^{GFP}

AAGCTT **ATG-insert** TCTAGA **GFP-STOP** GGATCC
HindIII *XbaI* *BamHI*

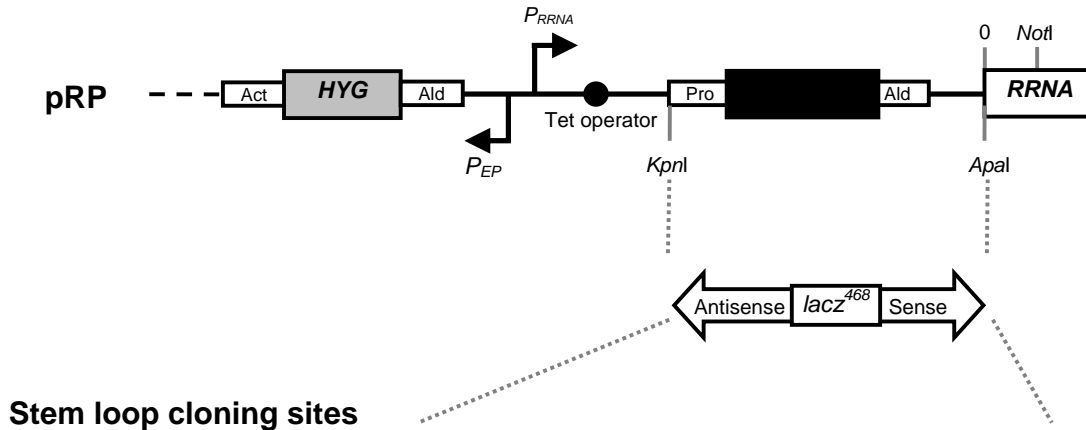
X^{6Myc}X

AAGCTTAATTA **ATG** TCTAGA **6Myc** CCTAGG **STOP** GGATCC
HindIII *PacI* *XbaI* *AvrII* *BamHI*

Promoter region

RRNA promoter +1 Tet operator *KpnI* Polypyrimidine tract
 ...AAGTAGCGCTTACGGCGTACCCCTATCAATGATAGAGTGGTACCCTGCACGCGCCTTCGAGTTTTTTTTTCTTTTCCCATTTTTTCAACTTGA
 AGACTTCAATTACACCAAAAAGTAAAATCACAAAGCTT -- Expression cassette
 SA *HindIII*

RNAi Plasmid: pRP^{HYG-iSL}



Stem loop cloning sites

MCS1/2

GGTACCCCGGGCTTAAGGATCC *lacZ*⁴⁶⁸ TCTAGAAGCTTCTCGAGGGCCC
 KpnI SmaI AflII BamHI XbaI HindIII XhoI ApaI

Promoter region & multiple cloning sites

RRNA promoter +1 Tet operator KpnI
 ...AAGTAGCGCTTACGGCGTACACCTATCAATGATAGAGTGGTACC -- multiple cloning site

Recommended Sequencing Primers

Seq1 (5' end of *lacZ*⁴⁶⁸ position 50 towards MCS1/3)

5' -AATAGTGGACTCTTGTTC

Seq2 (3' end of *lacZ*⁴⁶⁸ position 420 towards MCS2/4)

5' -AAAGGGGGATGTGCTGCAAG