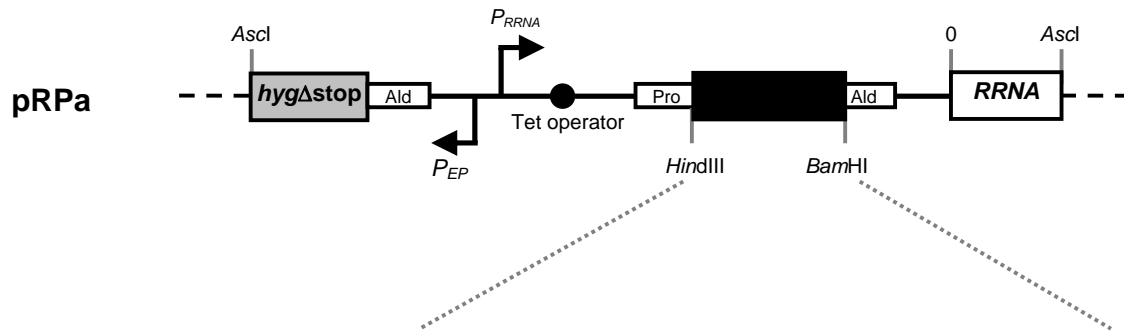


## Tagging Plasmid: pRPa<sup>iTAG</sup>



### Expression cassettes

**X<sup>GFP</sup> / Myc<sup>X</sup>**

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

**X<sup>GFP</sup>**

TTAATTAAGCTT **ATG-insert** TCTAGA **GFP-STOP** GGATCC  
*PacI* *HindIII* *XbaI* *BamHI*

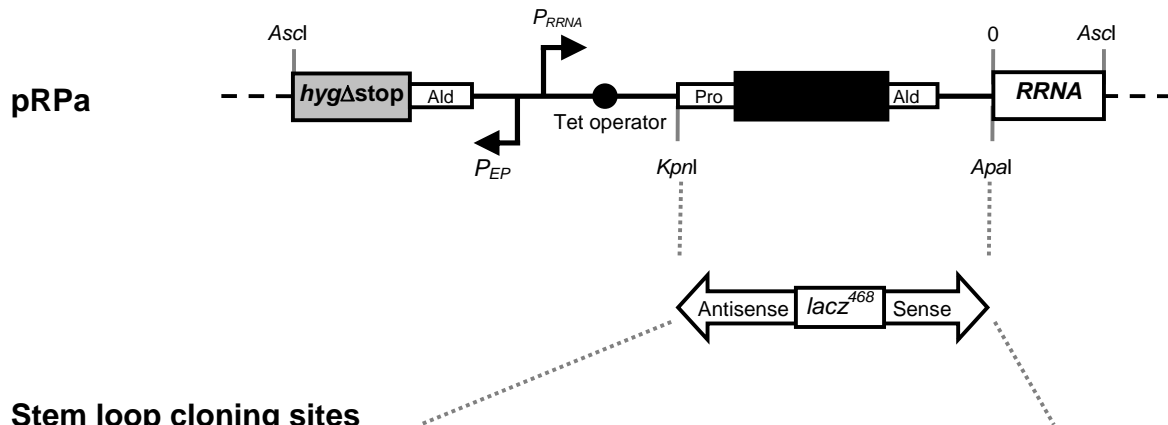
**X<sup>6Myc</sup>**

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

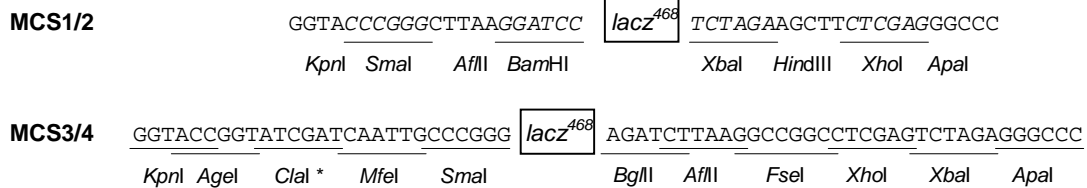
### Promoter region

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

## RNAi Plasmid: pRPa<sup>iSL</sup>



### Stem loop cloning sites



\* *Clal* restriction site blocked by dam methylation

### Promoter region & multiple cloning sites

RRNA promoter +1 Tet operator *KpnI*

...AAGTAGCGCTTACGGCGTACACCTATCAATGATAGAGTGGTACC -- multiple cloning site

### Recommended Sequencing Primers

Seq1 (5' end of *lacZ<sup>468</sup>* position 50 towards MCS1/3) 5' -AATAGTGGACTCTTGTTC

Seq2 (3' end of *lacZ<sup>468</sup>* position 420 towards MCS2/4) 5' -AAAGGGGGATGTGCTGCAAG