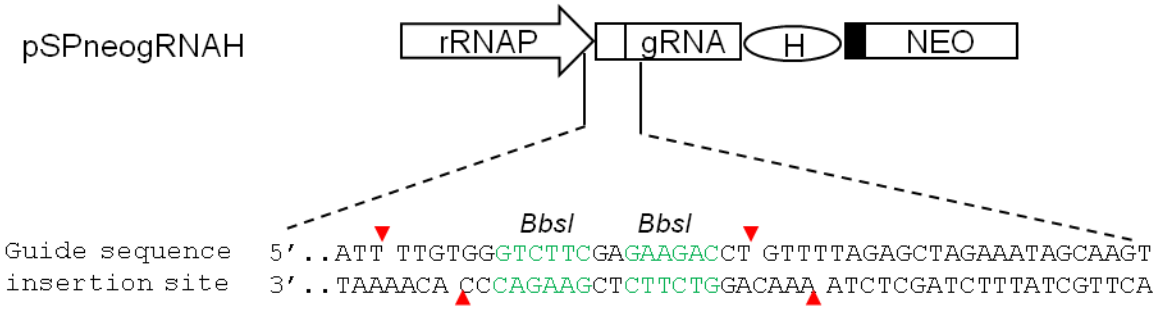

Guide sequence 5' TTGTNNNNNNNNNNNNNNNNNNN
insert NNNNNNNNNNNNNNNNNNNNCAAA 5'

gRNA 5'- UNNNNNNNNNNNNNNNNNNNNGUUUUAGAGCUA...- 3'

pSPneogRNAH (Hind III and BamH I fragment):

```
  1 AAGCTTGTGA GTTATGAGGT CTGCGATTGA CGTAGGAGTT GCAAGGGGGA GGGGGTATGA
 61 ACGGGGTGGG TAGAGCTTTT TTAGGTGGAA GTAGTGAGAG GGTGGGCTTG AGAGAATTTG
121 AGGTGTGTTC GTGATGTGTG GATCTTATCG GGGGCTCGGT TGAGTTTTTG GTTTGGTGAT
181 TTTGTGGGTC TTCGAGAAGA CCTGTTTTAG AGCTAGAAAT AGCAAGTTAA AATAAGGCTA
241 GTCCGTTATC AACTTGAAAA AGTGGCACCG AGTCGGTGCT TTTTTGGCCG GCATGGTCCC
301 AGCCTCCTCG CTGGCGCCGG CTGGGCAACA TGCTTCGGCA TGGCGAATGG GACGGATCC
```