Plasmid Data Sheet

*** Plasmid Name and Size: pMIR-REPORT Luc-NONHSAT135851.2; 7018 bp**

*** developed at the BioMed Resource Core of the 1st Core Facility Lab, NTU-CM**

* General information of NONHSAT135851.2:

NONCODE TRANSCRIPT ID	NONHSAT135851.2
NONCODE Gene ID	NONHSAG053897.2
Chromosome	chrM
Start Site	15997
End Site	16569
Strand	+
Exon Number	1

*** Primers:**

BMRC-3071	AAAGCTGCGCACTAGTAAGATTCTAATTTAAACTAT	pMIR-REPORT Luc-NONHSAT135851.2 (SpeI)
BMRC-3008	GATATCACGCACGCGTCATCGTGATGTCTTATTTAAGGGGA	pMIR-REPORT Luc-NONHSAT135851.2 (MluI)

*** ☐ TA cloning vector or ☑ Mammalian; ☐Yeast; ☐ *E.* coli; expression vector**

*** plasmid amplify in *E.* coli is ☐ high; or ☑ low copy number**

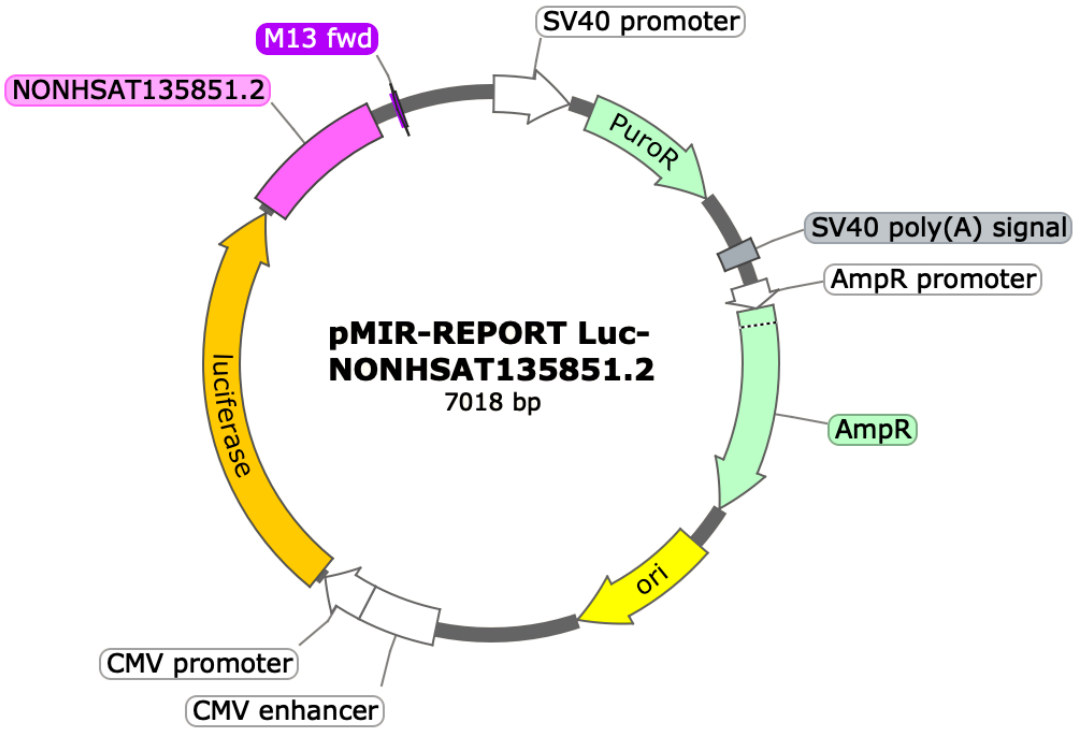
*** expression level is ☐ low or ☑ high**

*** expression promoter:** CMV IE promoter

*** antibiotic selection**: Amp and Puro

*** epitope or tag:** non

By cloning a long non-coding RNAs (*lncRNAs*) into pMIR-REPORT, the luciferase reporter is subjected on the influence of miRNA on lncRNA function.



DNA Sequence of pMIR-REPORT Luc-NONHSAT135851.2

GACGAAAGATTGGTGTGGAAAGTCCCCAGGCTCCCCAGCAGGCAGAAGTATGCAAA
GCATGCATCTCAATTAGTCAGCAACCAGGTGTGGAAAGTCCCCAGGCTCCCCAGCA
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CAGAAGTAGTGAGGAGGCTTTTTTGGAGGCCTAGGCTTTTGCAAAAAGCTAGCTTGC
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