

## Plasmid Data Sheet

\* **Plasmid Name and Size:** [pMIR-REPORT-lnc-NDRG1-1-4 \(m1+m2\); 6922 bp](#)

\* **developed at the BioMed Resource Core of the 1<sup>st</sup> Core Facility Lab, NTU-CM**

\* **General information of lnc-NDRG1-1-4:**

NONCODE TRANSCRIPT ID	NONHSAT129220.2	Strand	-
NONCODE Gene ID	NONHSAG051331.2	Exon Number	2
Chromosome	chr8	CNCI Score	-0.032768
Start Site	133237170	Length	508
End Site	133244503	Assembly	hg38

**m1:** [nt.438 T>A; nt.439 T>A; nt.440 T>A; nt.441 C>G; nt.442 C>G; nt.443 A>T; nt.444 G>C; nt.445 A>T]

**m2:** [nt.475 T>A; nt.476 T>A; nt.477 T>A; nt.478 C>G; nt.479 C>G; nt.480 A>T; nt.481 G>C; nt.482 A>T]

\* **Primers:**

BMRC-3099	aaagctgcgcaactagtGGACAAGGCAGGGCAGGG	pMIR-REPORT-lnc-NDRG1-1-4 (SpeI)
BMRC-3054	TACAAATATCTCATTAAGAAACTCCagacctttGACTGTGCACAATAGTTTC	lnc-NDRG1-1-4 (m1)
BMRC-3058	GCTGCAAAGTTACAAATTTATTGGagacctttTA AATACAAATATCTCATTAAGAAACTC	lnc-NDRG1-1-4 (m2)
BMRC-3042	atcctttattaagcttCCGCTGCAAAGTTACAAATTTA	pMIR-REPORT-lnc-NDRG1-1-4 (HindIII)

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

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

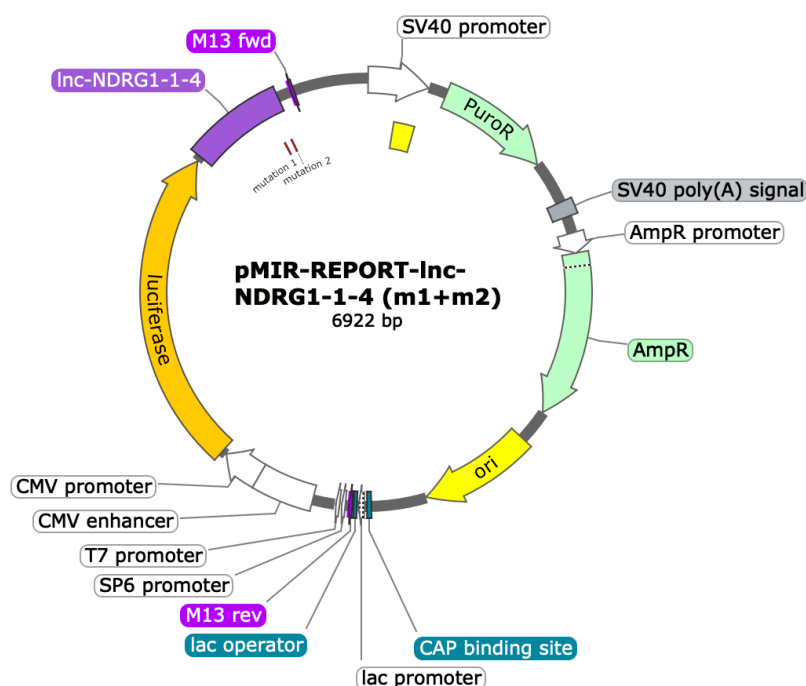
\* **expression level is**  low or  high

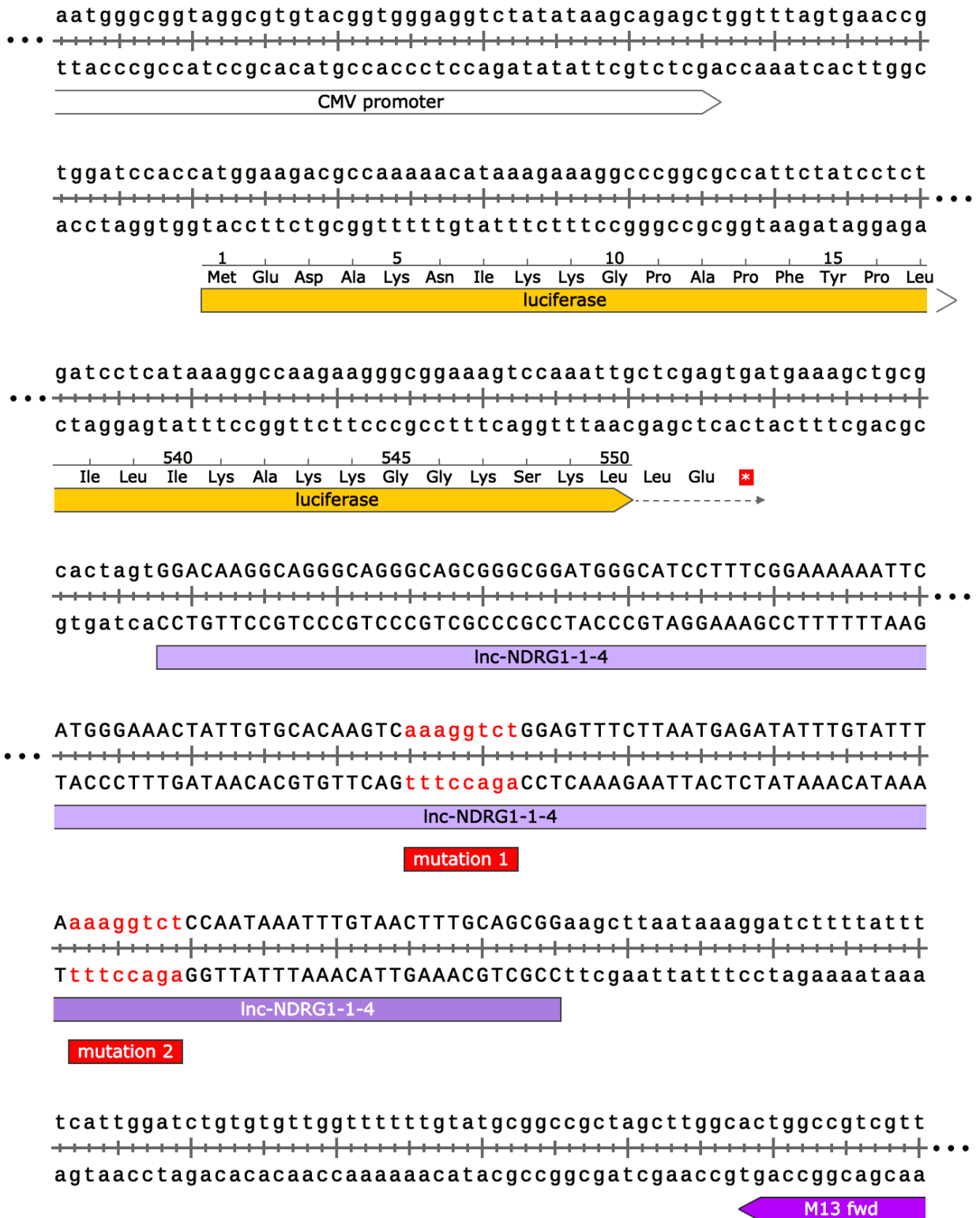
\* **expression promoter:** CMV IE promoter

\* **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-lnc-NDRG1-1-4 (m1+m2)

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