Plasmid Data Sheet

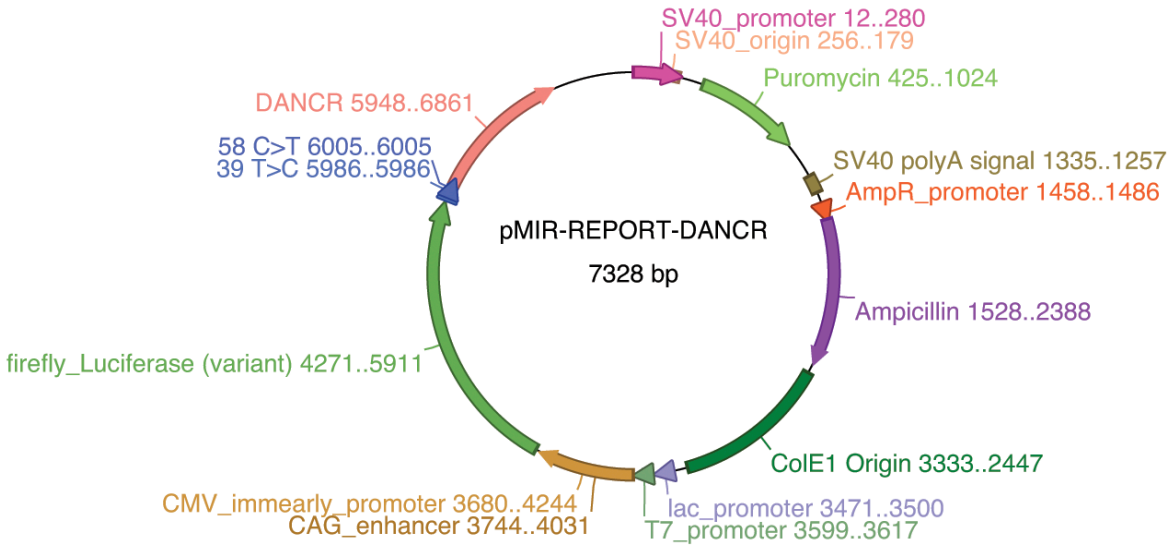
* **Plasmid Name and Size:** pMIR-REPORT-DANCR; 7328 bp
* **developed at the BioMed Resource Core of the 1st Core Facility Lab, NTU-CM**
* **DANCR:** Homo sapiens differentiation antagonizing non-protein coding RNA, long non-coding RNA

  NCBI Reference Sequence: NR_024031.2
* **Primers:**

BMRC-2207	AAAGCTGCGCACTAGTgcccttgcccagagtcttcc	pMIR-REPORT-DANCR (SpeI)
BMRC-2120	ATCCTTTATTAAGCTTgtcaggccaagtaagtttatt	pMIR-REPORT-DANCR (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
* **SNP of DANCR:** nt.39 T>C, nt.58 C>T
* **mutation of DANCR:** nt.65 delC

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-DANCR

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GCATGCATCTCAATTAGTCAGCAACCAGGTGTGGAAAGTCCCCAGGCTCCCCAGCA
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