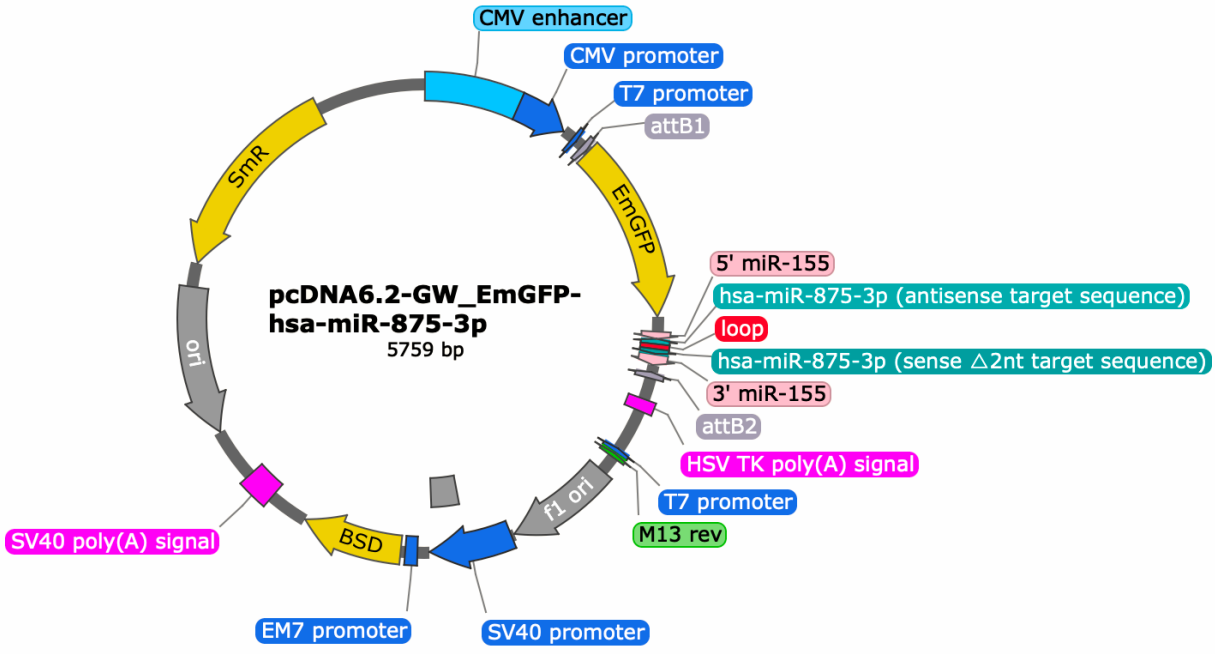
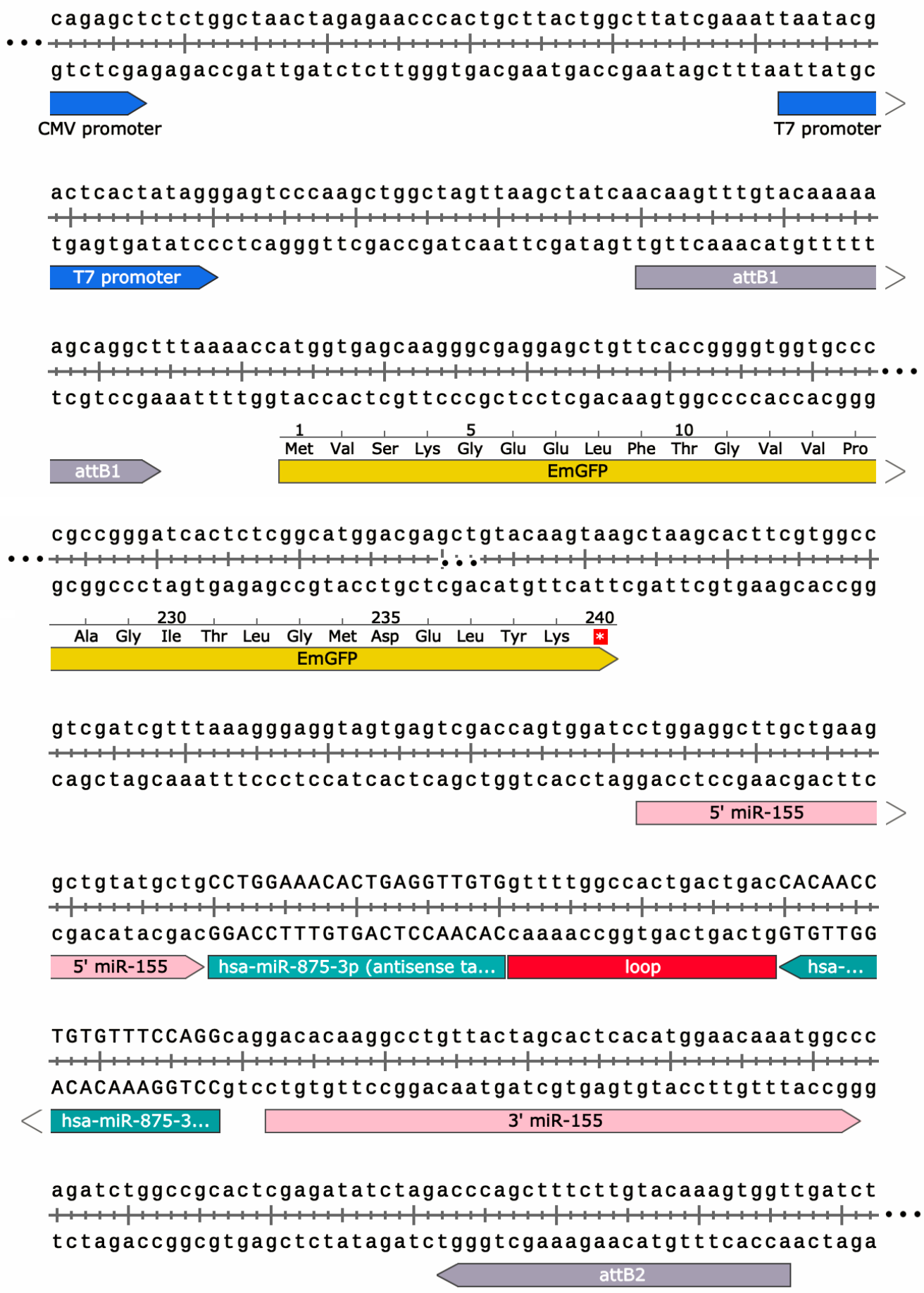
Plasmid Data Sheet

* **Plasmid Name and Size: _pcDNA6.2-GW_EmGFP-hsa-miR-875-3p; 5759 bp**
* **developed at the BioMed Resource Core of the 1st Core Facility Lab, NTU-CM**
* **hsa-miR-875-3p:** Homo sapiens microRNA 875
  NCBI Reference Sequence: NR_030596.1
* **primers:**

BMRC-3019	gtcgaccagtggatcctggaggcttgctgaaggctgtatgctgCCTGGAAACACTGAG GTTGTGgttttggccactgactgacCACAACC	pcDNA6.2-GW_EmGFP-hsa-miR-875-3p (BamHI)
BMRC-2956	gagtgcggccagatctgggccatttgttccatgtgagtgctagtaacaggccttgtgtc ctgCCTGGAAACACAGGTTGTGgtcagtcag	pcDNA6.2-GW_EmGFP-hsa-miR-875-3p (BglII)

* **☐ 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; ☑ high; or ☐ regulated**
* **CMV promoter** is used to drive EmGFP-miR-155 based microRNA 875 expression.
  the EmGFP is used for monitoring of induction of the miR RNAi
* **antibiotic selection**: Blasticidin, Spectinomycin

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DNA Sequence of pcDNA6.2-GW_EmGFP-hsa-miR-875-3p

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