Plasmid Data Sheet

*** Plasmid Name and Size: pcDNA6.2-GW_EmGFP-hsa-miR-3922-5p; 5759 bp**

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

* hsa-miR-3922-5p: Homo sapiens microRNA hsa-miR-3922-5p
NCBI GenBank: FR772818.1

*** primers:**

BMRC-3021	gtcgaccagtggatcctggaggcttgctgaaggctgtatgctgTCAAGGCC AGAGGTCCCACAGgttttggccactgactgacCTGTGGG	pcDNA6.2-GW_EmGFP-hsa-miR-3922-5p (BamHI)
BMRC-2958	gagtgcggccagatctgggccatttgttccatgtgagtgctagtaacaggccttgtgtc ctgTCAAGGCCAGATCCCACAGgtcagtcag	pcDNA6.2-GW_EmGFP-hsa-miR-3922-5p (BglII)

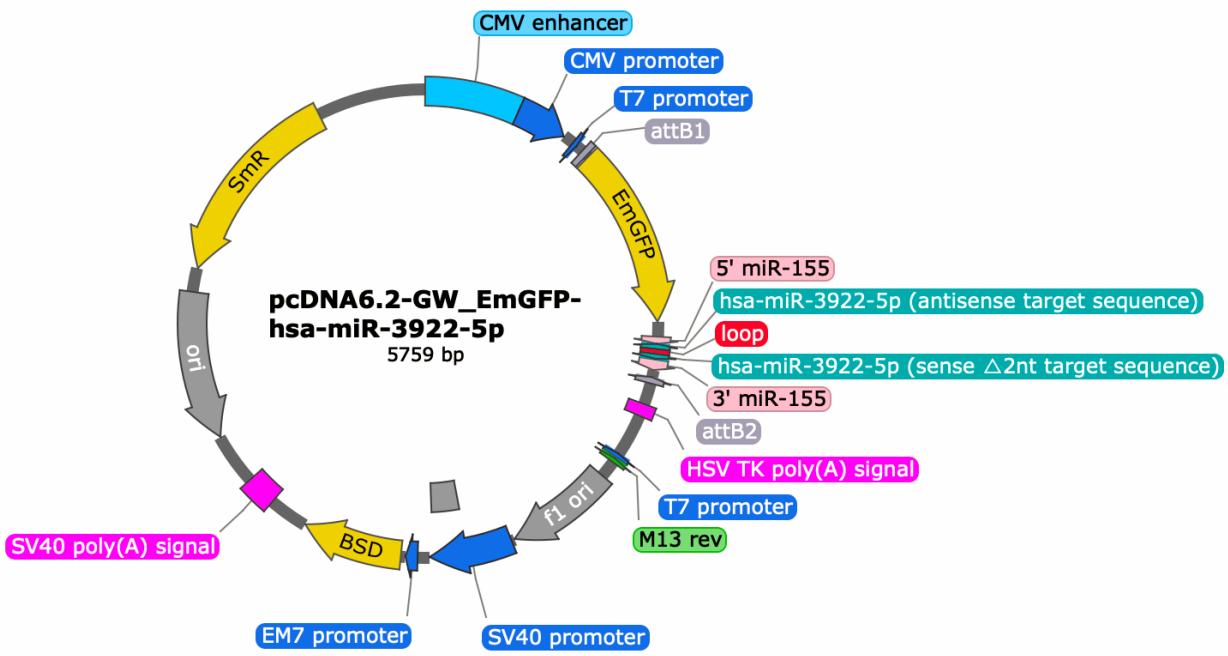
*** ☐ TA cloning vector or ☑ Mammalian; ☐Yeast; ☐ *E.* coli; expression vector**

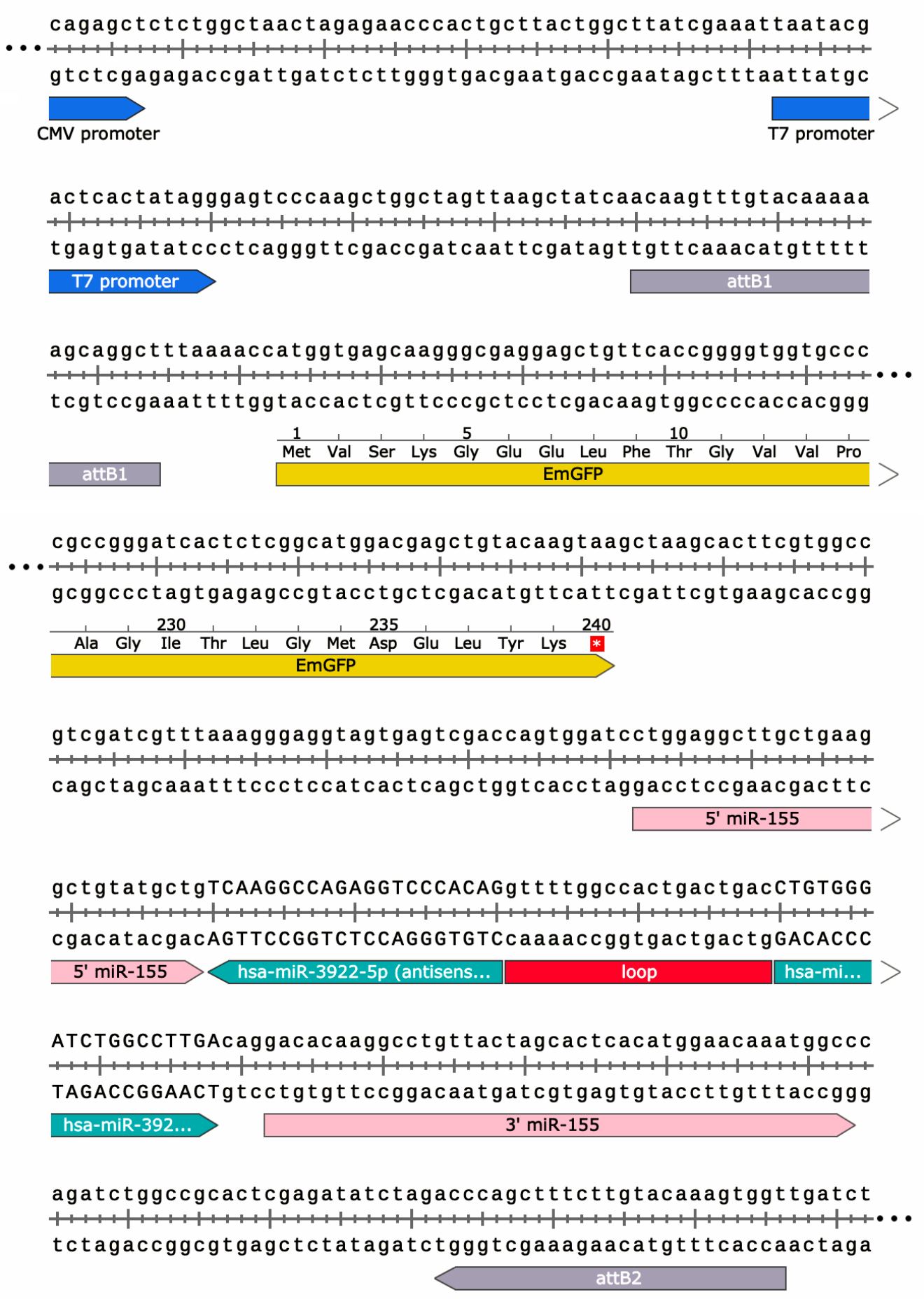
*** plasmid amplify in *E.* coli is ☑ high; or ☐ low copy number**

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

*** CMV promoter** is used to drive EmGFP-miR-155 based microRNA 3922 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-3922-5p

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