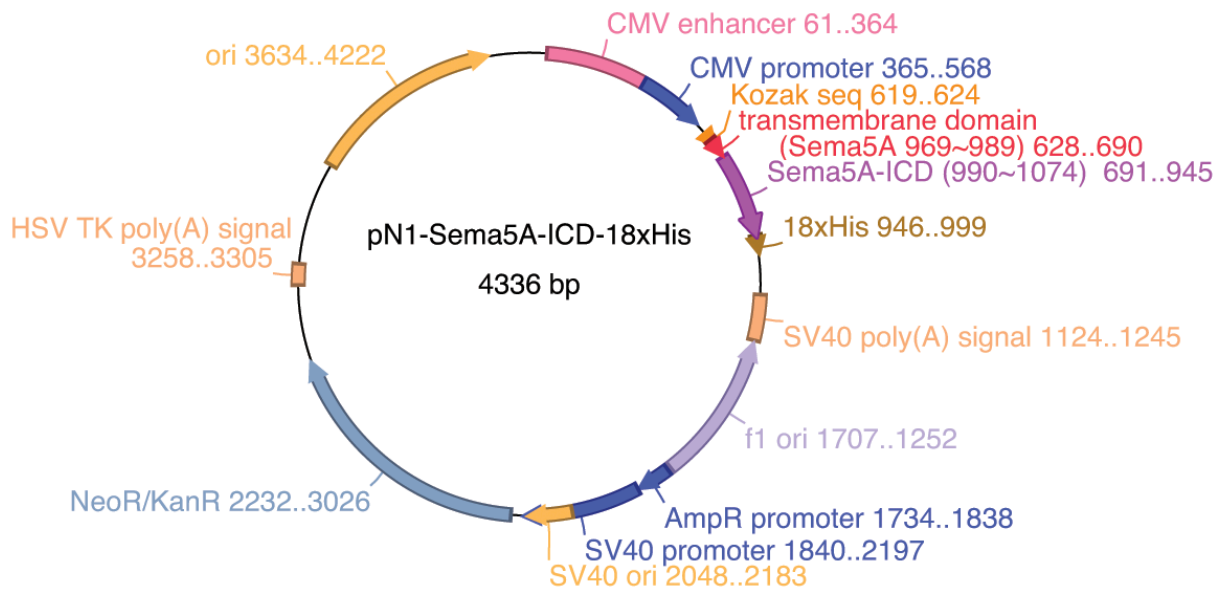


## Plasmid Data Sheet

- \* **Plasmid Name and Size:** [pN1-Sema5A-ICD-18xHis; 4336 bp](#)
- \* **developed at the BioMed Resource Core of the 1<sup>st</sup> Core Facility Lab, NTU-CM**
- \* **Sema5A-ICD:** Homo sapiens semaphorin 5A-intracellular domain
- \* **NCBI Reference Sequence:** NM\_003966.2
- \* The pN1 vector is modified from pEGFP-N1
- \* **Primers:**

BMRC-1943	ggactcagatctcgaggccaccATGTTCCACATGATCGCCGTGGG	pN1-Sema5A-ICD-18xHis (XhoI)
BMRC-1894	tctagagtcgcgccgcTTAATGGTGATGGTGATGATGATGGTGATGGTG ATGATGATGGTGATGGTGATGATGGTACTCATCATAATTATTG	pN1-Sema5A-ICD-18xHis (NotI)

- \*  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 immediate early promoter
- \* **antibiotic selection:** Kan and Neo
- \* **epitope or tag:** 18xHis





DNA Sequence of pN1-Sema5A-ICD-18xHis

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