

Plasmid Data Sheet

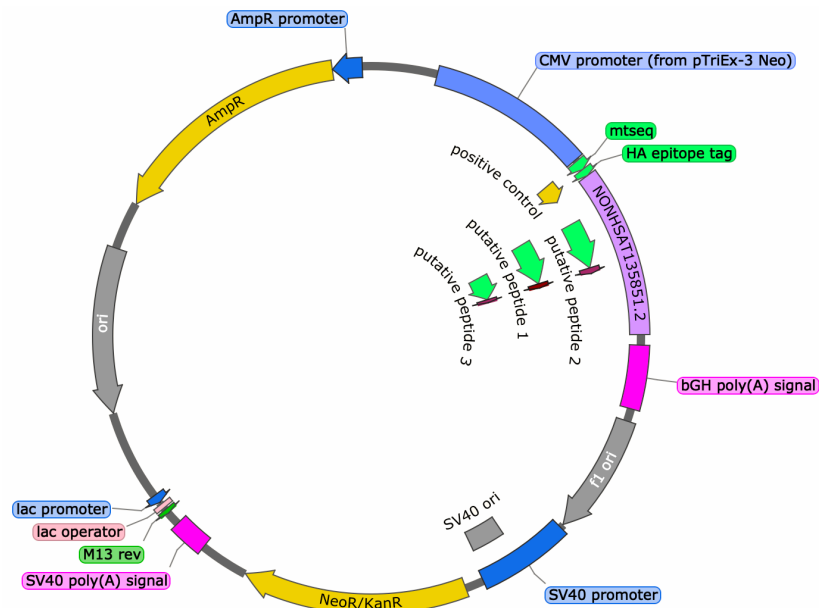
- * **Plasmid Name and Size:** [pcDNA3.1-NONHSAT135851.2 peptide-1; 5912 bp](#)
- * **developed at the BioMed Resource Core of the 1st Core Facility Lab, NTU-CM**
- * **General info of NONHSAT135851.2**

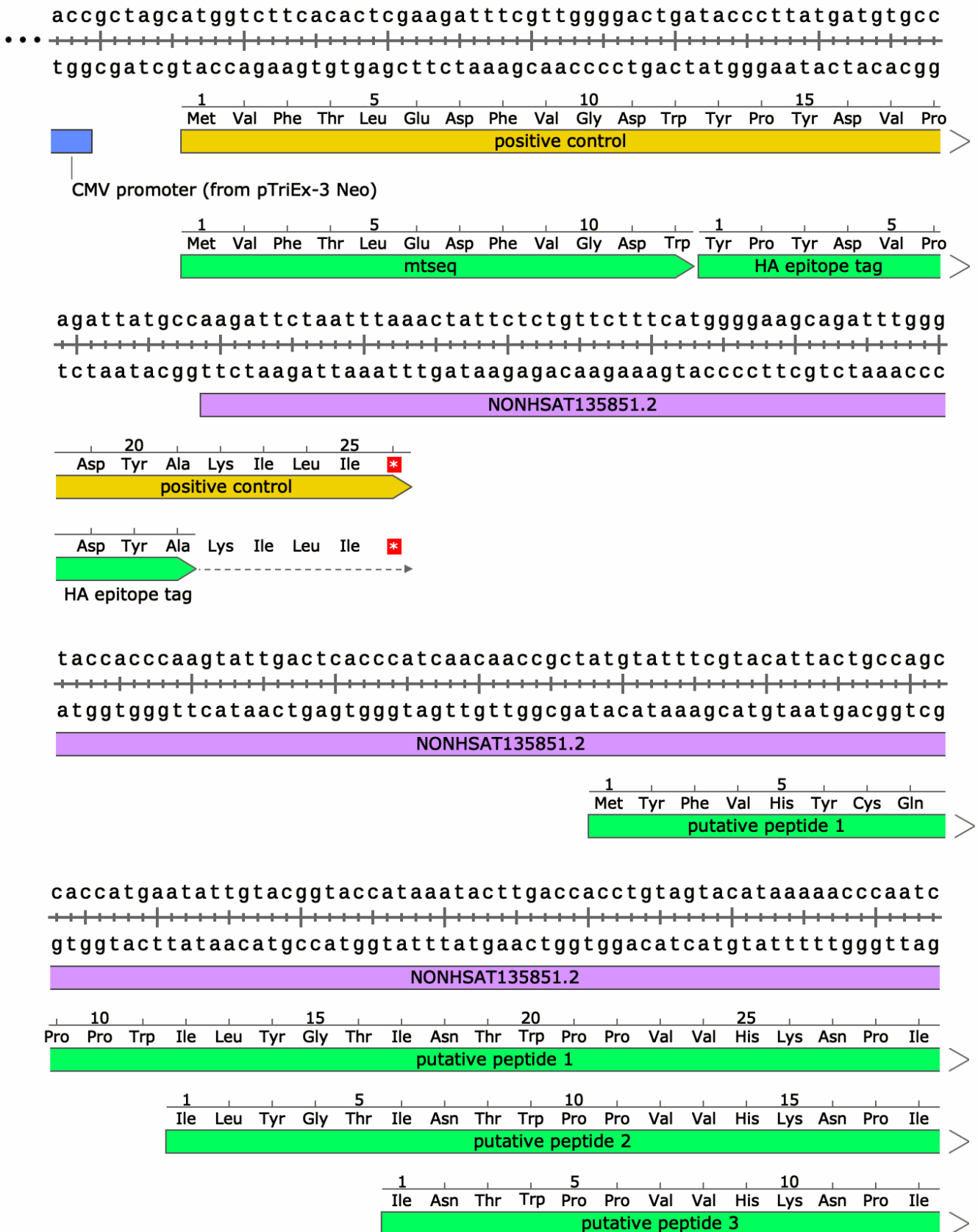
NONCODE Gene ID	NONHSAG053897.2
Chromosome	chrM
Start Site	15997
End Site	16569
Strand	+
Exon Number	1

* **Primers:**

BMRC-2775	ggccagatatacgcgtattaatagtaatcaattacggg	pcDNA3.1-NONHSAT135851.2 peptide-1 (MluI)
BMRC-2688	ccagcggggccattaccgctcattgacgtcaatagggggcggactggcatatgatacac	mtCMV-1
BMRC-2690	gtcccgtaaagctcatgactgggcataatgccaggcgggccattacc	mtCMV-2
BMRC-2777	tattagtcacgctattaccatgctgatgcggtttggcagtacaccaatggcgtggat	mtCMV-3, 4
BMRC-2779	atgacctacgggacttctactgagcagtcactctacgtattagtcacgctattacc	mtCMV-2
BMRC-2692	cgctacagcctaccgccatttgcgtcaacggggcgggttattacgacatttggaaag	mtCMV-5, 6, 7
BMRC-2694	agcgggtcactaaacagcgtctgcttatatagacctcccacgtacacgctaccgccca	mtCMV
BMRC-2781	atggcttccacactcgaagattcgttggggactgataccctatgatggtccagattatgccaagattc taattaaactattctctg	NONHSAT135851.2 peptide-1 HA
BMRC-2783	gtttagtgaaccgctagcatggtcttcacactcga	pre-HA
BMRC-2698	ctgtcatcgtcctctgtactgtactatgtactgttaagg	NONHSAT135851.2 peptide-1 FLAG
BMRC-2785	gacgacgatgacaagtaaaagccattaccgtaca	NONHSAT135851.2 peptide-1 FLAG
BMRC-2700	aaacgggcctctagacatc	pcDNA3.1-NONHSAT135851.2 peptide-1 (XbaI)

- * 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 promoter derived from pTriEx-3 Neo Vector
- * antibiotic selection: AmpR
- * epitope or tag: HA, FLAG





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 gtgtagttttgggggaggggtacgaatgttcgttcatgtcgttagttgggagttgatagtgt

NONHSAT135851.2

30 35 40 45 50
 His Ile Lys Thr Pro Ser Pro Cys Leu Gln Ala Ser Thr Ala Ile Asn Pro Gln Leu Ser His

putative peptide 1 >

20 25 30 35
 His Ile Lys Thr Pro Ser Pro Cys Leu Gln Ala Ser Thr Ala Ile Asn Pro Gln Leu Ser His

putative peptide 2 >

15 20 25 30
 His Ile Lys Thr Pro Ser Pro Cys Leu Gln Ala Ser Thr Ala Ile Asn Pro Gln Leu Ser His

putative peptide 3 >

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NONHSAT135851.2

55 60 65 70
 Ile Asn Cys Asn Ser Lys Ala Thr Pro His Pro Leu Gly Tyr Gln Gln Thr Tyr Pro Pro

putative peptide 1 >

40 45 50 55
 Ile Asn Cys Asn Ser Lys Ala Thr Pro His Pro Leu Gly Tyr Gln Gln Thr Tyr Pro Pro

putative peptide 2 >

35 40 45 50
 Ile Asn Cys Asn Ser Lys Ala Thr Pro His Pro Leu Gly Tyr Gln Gln Thr Tyr Pro Pro

putative peptide 3 >

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 attgtcatgtatcatgtctgatgttcctgctgctactgttcatttcggtaaatggcatgtat

NONHSAT135851.2

75 1 5
 Leu Thr Val His Ser Thr Asp Tyr Lys Asp Asp Asp Asp Lys *

putative peptide 1 → FLAG tag →

60 65 1 5
 Leu Thr Val His Ser Thr Asp Tyr Lys Asp Asp Asp Asp Lys *

putative peptide 2 → Flag tag →

55 60 1 5
 Leu Thr Val His Ser Thr Asp Tyr Lys Asp Asp Asp Asp Lys *

putative peptide 3 → Flag tag →

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NONHSAT135851.2

DNA Sequence of pcDNA3.1-NONHSAT135851.2 peptide-1

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