

Sequence

N6 plasmids: CMVR vector based, 6 kb (with insert) for heavy chain, 5 kb (with insert) for light chain,
selection drug: Kanamycin at 50ug/ml

Sequencing primers:

1012F: 5' GCT GAC AGA CTA ACA GAC TG 3'

1012R: 5' GCA AAC AAC AGA TGG CTG GC 3'

N6 heavy chain CMV/R plasmid sequence:

CTGCAG-PstI

ACCGGT-AgeI

GTCGAC-Sall

GGATCC-BamHI

AGATCT-BglII

TGATGA – stop codons

Underlined Sequence – N6 Heavy chain variable region

Yellow Highlight – Heavy chain constant region

TCGCGCGTTTTCGGTGATGACGGTGAAAACCTCTGACACATGCAGCTCCCGGAGACGGTCACAGCTTGTCTGTAAG
CGGATGCCGGGAGCAGACAAGCCCGTCAGGGCGCGTCAGCGGGTGTGGCGGGTGCAGGGCTGGCTTAACTAT
GCGGCATCAGAGCAGATTGTAAGTGCAGAGTGCACCATATGCGGTGTGAAATACCGCACAGATGCGTAAGGAGAAA
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CGCACATTTCCCGAAAAGTGCCACCTGACGTCTAAGAAACCATTATTATCATGACATTAACCTATAAAAAATAGGC
GTATCACGAGGCCCTTTCGTC

N6 Heavy Chain variable region amino acid sequence

RAHLVQSGTAMKKPGASVRVSCQTSGYTF'TAHILFWFRQAPGRGLEWVGWIKPQYGAVNFGGGF
RDRVTLTRDVYREIAYMDIRGLKPDDTAVYYCARDRSYGDSSWALDAWGQGT'VVVSA