

**pCMV-NMR oprm1eGFP Vector map**

LOCUS pCMV-NMR oprm1eGFP 5879 bp ds-DNA circular  
ORGANISM Naked mole rat (*Heterocephalus glaber*)  
COMMENT IRES was excised from pCMV-NMR oprm1-IRES-eGFP  
FEATURES Location/Qualifiers  
CMV-Promotor 10..589  
NMR oprm1 625..1824  
eGFP 1825..2544  
NMR delete IRES primer 1811..1838  
SV40\_promoter 3556..3735  
Kan/neoR 3775..4569

ORIGIN

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1 TAGTTATTAA TAGTAATCAA TTACGGGGTC ATTAGTTCAT AGCCCATATA TGGAGTTCGG
61 CGTTACATAA CTTACGGTAA ATGGCCCGCC TGGCTGACCG CCCAACGACC CCCGCCATT
121 GACGTCAATA ATGACGTATG TTCCCATAGT AACGCCAATA GGGACTTTCC ATTGACGTCA
181 ATGGGTGGAG TATTTACGGT AAAGTCCCA CTTGGCAGTA CATCAAGTGT ATCATATGCC
241 AAGTACGCC CCTATTGACG TCAATGACGG TAAATGGCCC GCCTGGCATT ATGCCAGTA
301 CATGACCTTA TGGGACTTTC CTAAGTGGCA GTACATCTAC GTATTAGTCA TCGCTATTAC
361 CATGGTGATG CGGTTTTGGC AGTACATCAA TGGGCGTGGA TAGCGGTTTG ACTCACGGGG
421 ATTTCCAAGT CTCCACCCCA TTGACGTCAA TGGGAGTTTG TTTTGGCACC AAAATCAACG
481 GGACTTTCCA AAATGTCGTA ACAACTCCGC CCCATTGACG CAAATGGGCG GTAGGCGTGT
541 ACGGTGGGAG GTCTATATAA GCAGAGCTGG TTTAGTGAAC CGTCAGATCC GCTAGCGCTA
601 CCGGACTCAG ATCTCGAGAG CACCATGGAC AGCAGTGTCC TGCCCGGAA CGCGGGCAAT
661 TGCACCGATC CCTTCGCGCA ATCCAGTTGC TCCCTGGCAC CTAGCCCCGG TTCCTGGACT
721 AACTTGTCCC ACTTAGATGG CAATCTGTCC GACCCATGCG GTCCGAACCG CACCGAGCTA
781 GGGGGGAGCG ACAGCCGGTG CCCTCCGACT GGGAGCCCCT CCATGATCAC GGCTGTCACC
841 ATCATGGCCC TCTACTCCAT CGTGTGCGTG GTGGGGCTCT TTGGAAACTT CCTGGTCATG
901 TATGTGATCA TCAGATACAC CAAAATGAAG ACTGCCACCA ATATCTACAT TTTCAATCTT
961 GCTCTGGCAG ATGCCTTAGC TACCAGTACT CTGCCCTTCC AGAGTGTAAT TTTACTAATG
1021 GGAACATGGC CTTTTGGAAC CATCCTTTGC AAGATTGTGA TCTCTATAGA TTTACTACAAC
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1801 GAAGCAGAAA CAGCTCCGTT GCCCATGGT AGCAAGGGCG AGGAGCTGTT CACCGGGGTG
1861 GTGCCCATCC TGGTCGAGCT GGACGGCGAC GTAAACGGCC ACAAGTTCAG CGTGTCCGGC
1921 GAGGGCGAGG GCGATGCCAC CTACGGCAAG CTGACCCTGA AGTTCATCTG CACCACCGGC
1981 AAGCTGCCCG TGCCCTGGCC CACCCTCGTG ACCACCCTGA CCTACGGCGT GCAGTGCTTC
2041 AGCCGCTACC CCGACCACAT GAAGCAGCAC GACTTCTTCA AGTCCGCCAT GCCCGAAGGC
2101 TACGTCCAGG AGCGCACCAT CTTCTTCAAG GACGACGGCA ACTACAAGAC CCGCGCCGAG
2161 GTGAAGTTCG AGGGCGACAC CCTGGTGAAC CGCATCGAGC TGAAGGGCAT CGACTTCAAG
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2761 GTTTGTCCAA ACTCATCAAT GTATCTTAAG GCGTAAATTG TAAGCGTTAA TATTTTGTTA
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2881 AAAATCCCTT ATAAATCAAA AGAATAGACC GAGATAGGGT TGAGTGTGTG TCCAGTTTGG
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5281 CGAAGGTAAC TGGCTTCAGC AGAGCGCAGA TACCAAATAC TGTCTTCTA GTGTAGCCGT  
5341 AGTTAGGCCA CCACTTCAAG AACTCTGTAG CACCGCCTAC ATACCTCGCT CTGCTAATCC  
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5461 GATAGTTACC GGATAAGGCG CAGCGGTCCG GCTGAACGGG GGGTTCGTGC ACACAGCCCA  
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5581 CCACGCTTCC CGAAGGGAGA AAGGCGGACA GGTATCCGGT AAGCGGCAGG GTCGGAACAG  
5641 GAGAGCGCAC GAGGGAGCTT CCAGGGGAA ACGCCTGGTA TCTTTATAGT CCTGTGCGGT  
5701 TTCGCCACCT CTGACTTGAG CGTGCATTTT TGTGATGCTC GTCAGGGGGG CGGAGCCTAT  
5761 GGAAAAACGC CAGCAACGCG GCCTTTTTTAC GGTTCCTGGC CTTTTGCTGG CTTTTGCTC  
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