pmirGLO Vector

pmirGLO Vector sequence reference points:

Base pairs 7350

SV40 late polyadenylation region 106-327

SV40 early enhancer/promoter 426-844

hRluc-neo fusion protein coding region 889-2664

Synthetic polyadenylation region 2728-2776

Beta-lactamase (Ampr) coding region 3037-3897

ColE1-derived plasmid origin of replication 4052-4088

Human phosphoglycerate kinase promoter 5094-5609

luc2 reporter gene 5645-7297

Multiple cloning region 7306-7350

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 1 CATGCAAGCT GATCCGGCTG CTAACAAAGC CCGAAAGGAA GCTGAGTTGG

 51 CTGCTGCCAC CGCTGAGCAA TAACTAGCAT AACCCCTTGG GGCGGCCGCT

 101 TCGAGCAGAC ATGATAAGAT ACATTGATGA GTTTGGACAA ACCACAACTA

 3’-A TGTAACTACT CAAACCTG-5’ 🡨Reverse Primer

 151 GAATGCAGTG AAAAAAATGC TTTATTTGTG AAATTTGTGA TGCTATTGCT

 201 TTATTTGTAA CCATTATAAG CTGCAATAAA CAAGTTAACA ACAACAATTG

 251 CATTCATTTT ATGTTTCAGG TTCAGGGGGA GATGTGGGAG GTTTTTTTAA

 301 GCAAGTAAAA CCTCTACAAA TGTGGTAAAA TCGAATTTTA ACAAAATATT

 351 AACGCTTACA ATTTCCTGAT GCGGTATTTT CTCCTTACGC ATCTGTGCGG

 401 TATTTCACAC CGCATACGCG GATCTGCGCA GCACCATGGC CTGAAATAAC

 451 CTCTGAAAGA GGAACTTGGT TAGGTACCTT CTGAGGCGGA AAGAACCAGC

 501 TGTGGAATGT GTGTCAGTTA GGGTGTGGAA AGTCCCCAGG CTCCCCAGCA

 551 GGCAGAAGTA TGCAAAGCAT GCATCTCAAT TAGTCAGCAA CCAGGTGTGG

 601 AAAGTCCCCA GGCTCCCCAG CAGGCAGAAG TATGCAAAGC ATGCATCTCA

 651 ATTAGTCAGC AACCATAGTC CCGCCCCTAA CTCCGCCCAT CCCGCCCCTA

 701 ACTCCGCCCA GTTCCGCCCA TTCTCCGCCC CATGGCTGAC TAATTTTTTT

 751 TATTTATGCA GAGGCCGAGG CCGCCTCGGC CTCTGAGCTA TTCCAGAAGT

 801 AGTGAGGAGG CTTTTTTGGA GGCCTAGGCT TTTGCAAAAA GCTTGATTCT

 851 TCTGACACAA CAGTCTCGAA CCAAAGGCTG GAGCCACCAT GGCTTCCAAG

 901 GTGTACGACC CCGAGCAACG CAAACGCATG ATCACTGGGC CTCAGTGGTG

 951 GGCTCGCTGC AAGCAAATGA ACGTGCTGGA CTCCTTCATC AACTACTATG

 1001 ATTCCGAGAA GCACGCCGAG AACGCCGTGA TTTTTCTGCA TGGTAACGCT

 1051 GCCTCCAGCT ACCTGTGGAG GCACGTCGTG CCTCACATCG AGCCCGTGGC

 1101 TAGATGCATC ATCCCTGATC TGATCGGAAT GGGTAAGTCC GGCAAGAGCG

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 1251 GGGGGCTTGT CTGGCCTTTC ACTACTCCTA CGAGCACCAA GACAAGATCA

 1301 AGGCCATCGT CCATGCTGAG AGTGTCGTGG ACGTGATCGA GTCCTGGGAC

 1351 GAGTGGCCTG ACATCGAGGA GGATATCGCC CTGATCAAGA GCGAAGAGGG

 1401 CGAGAAAATG GTGCTTGAGA ATAACTTCTT CGTCGAGACC ATGCTCCCAA

 1451 GCAAGATCAT GCGGAAACTG GAGCCTGAGG AGTTCGCTGC CTACCTGGAG

 1501 CCATTCAAGG AGAAGGGCGA GGTTAGACGG CCTACCCTCT CCTGGCCTCG

 1551 CGAGATCCCT CTCGTTAAGG GAGGCAAGCC CGACGTCGTC CAGATTGTCC

 1601 GCAACTACAA CGCCTACCTT CGGGCCAGCG ACGATCTGCC TAAGATGTTC

 1651 ATCGAGTCCG ACCCTGGGTT CTTTTCCAAC GCTATTGTCG AGGGAGCTAA

 1701 GAAGTTCCCT AACACCGAGT TCGTGAAGGT GAAGGGCCTC CACTTCAGCC

 1751 AGGAGGACGC TCCAGATGAA ATGGGTAAGT ACATCAAGAG CTTCGTGGAG

 1801 CGCGTGCTGA AGAACGAGCA GACCGGTGGT GGGAGCGGAG GTGGCGGATC

 1851 AGGTGGCGGA GGCTCCGGAG GGATTGAACA AGATGGATTG CACGCAGGTT

 1901 CTCCGGCCGC TTGGGTGGAG AGGCTATTCG GCTATGACTG GGCACAACAG

 1951 ACAATCGGCT GCTCTGATGC CGCCGTGTTC CGGCTGTCAG CGCAGGGGCG

 2001 CCCGGTTCTT TTTGTCAAGA CCGACCTGTC CGGTGCCCTG AATGAACTGC

 2051 AGGACGAGGC AGCGCGGCTA TCGTGGCTGG CCACGACGGG CGTTCCTTGC

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 2301 ACGTACTCGG ATGGAAGCCG GTCTTGTCGA TCAGGATGAT CTGGACGAAG

 2351 AGCATCAGGG GCTCGCGCCA GCCGAACTGT TCGCCAGGCT CAAGGCGCGC

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 2751 ACATCTGTGT GTTGGTTTTT TGTGTGAATC GATAGCGATA AGGATCCTCT

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 3051 TTTCCGTGTC GCCCTTATTC CCTTTTTTGC GGCATTTTGC CTTCCTGTTT

 3101 TTGCTCACCC AGAAACGCTG GTGAAAGTAA AAGATGCTGA AGATCAGTTG

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 3951 GTAATACGGT TATCCACAGA ATCAGGGGAT AACGCAGGAA AGAACATGTG

 4001 AGCAAAAGGC CAGCAAAAGG CCAGGAACCG TAAAAAGGCC GCGTTGCTGG

 4051 CGTTTTTCCA TAGGCTCCGC CCCCCTGACG AGCATCACAA AAATCGACGC

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 5901 TGCAGTTCTT CATGCCCGTG TTGGGTGCCC TGTTCATCGG TGTGGCTGTG

 5951 GCCCCAGCTA ACGACATCTA CAACGAGCGC GAGCTGCTGA ACAGCATGGG

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 6151 TTCCCATTTG CCACCCGGCT TCAACGAGTA CGACTTCGTG CCCGAGAGCT

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 6551 AAGTACGACC TAAGCAACTT GCACGAGATC GCCAGCGGCG GGGCGCCGCT

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 6801 AGCGCGGCGA GCTGTGCGTC CGTGGCCCCA TGATCATGAG CGGCTACGTT

 6851 AACAACCCCG AGGCTACAAA CGCTCTCATC GACAAGGACG GCTGGCTGCA

 6901 CAGCGGCGAC ATCGCCTACT GGGACGAGGA CGAGCACTTC TTCATCGTGG

 6951 ACCGGCTGAA GAGCCTGATC AAATACAAGG GCTACCAGGT AGCCCCAGCC

 7001 GAACTGGAGA GCATCCTGCT GCAACACCCC AACATCTTCG ACGCCGGGGT

 7051 CGCCGGCCTG CCCGACGACG ATGCCGGCGA GCTGCCCGCC GCAGTCGTCG

 Forward Primer

 7101 TGCTGGAACA CGGTAAAACC ATGACCGAGA AGGAGATCGT GGACTATGTG

 7151 GCCAGCCAGG TTACAACCGC CAAGAAGCTG CGCGGTGGTG TTGTGTTCGT

 7201 GGACGAGGTG CCTAAAGGAC TGACCGGCAA GTTGGACGCC CGCAAGATCC

 7251 GCGAGATTCT CATTAAGGCC AAGAAGGGCG GCAAGATCGC CGTGTAATTC

 7301 TAGTTGTTTA AACGAGCTCG CTAGCCTCGA GTCTAGAGTC GACCTGCAGG