

pGala-T Vector

Positions of various elements:

Vector size (bp)	2727
T7 RNA polymerase promoter	396-418
Multiple cloning site	420-496
Cloning Site	459
LacZ α -peptide	146-510
Ampicillin resistance gene	1667-2521
pUC origin	908-1496

primer binding sites:

BcaBEST Sequencing Primer M13-47 binding site	352-375
BcaBEST Sequencing Primer RV-M binding site	484-542

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TCGCGCGTTT CGGTGATGAC GGTGAAAACC TCTGACACAT GCAGCTCCCG 50
GAGACGGTCA CAGCTTGTCT GTAAGCGGAT GCCGGGAGCA GACAAGCCCC 100
TCAGGGCGCG TCAGCGGGTG TTGGCGGGTG TCGGGGCTGG CTTAACTATG 150
CGGCATCAGA GCAGATTGTA CTGAGAGTGC ACCATATGCG GTGTGAAATA 200
CCGCACAGAT GCGTAAGGAG AAAATACCGC ATCAGGCGCC ATTCGCCATT 250
CAGGCTGCGC AACTGTTGGG AAGGGCGATC GGTGCGGGCC TCTTCGCTAT 300
TACGCCAGCT GGCGAAAGGG GGATGTGCTG CAAGGCGATT AAGTTGGGTA 350
ACGCCAGGGT TTTCCAGTC ACGACGTTGT AAAACGACGG CCAGTGTAAT 400
ACGACTCACT ATAGGGCGAA AGCTTTATTG CCAAGCTTGC ATGCCTGCAG 450
GTCGACGATT ATCTCTAGAG GATCCCCGGG TACCGAGCTC GAATTCGTAA 500
TCATGGTCAT AGCTGTTTCC TGTGTGAAAT TGTTATCCGC TCACAATTCC 550
ACACAACATA CGAGCCGGAA GCATAAAGTG TAAAGCCTGG GGTGCCTAAT 600
GAGTGAGCTA ACTCACATTA ATTGCGTTGC GCTCACTGCC CGCTTCCAG 650
TCGGGAAACC TGTCGTGCCA GCTGCATTAA TGAATCGGCC AACGCGCGGG 700
GAGAGGCGGT TTGCGTATTG GGCCTCTTC CGCTTCCTCG CTCACTGACT 750
CGCTGCGCTC GGTCGTTCCG CTGCGGCGAG CGGTATCAGC TCACTCAAAG 800
GCGGTAATAC GGTTATCCAC AGAATCAGGG GATAACGCAG GAAAGAACAT 850
GTGAGCAAAA GGCCAGCAA AGGCCAGGAA CCGTAAAAAG GCCGCGTTGC 900
TGGCGTTTTC CCATAGGCTC CGCCCCCTG ACGAGCATCA CAAAAATCGA 950
CGCTCAAGTC AGAGGTGGCG AAACCCGACA GGACTATAAA GATACCAGGC 1000
GTTTCCCCCT GGAAGCTCCC TCGTGCGCTC TCCTGTTCCG ACCCTGCCGC 1050
TTACCGGATA CCTGTCCGCC TTTCTCCCTT CGGGAAGCGT GCGCTTTCT 1100
CATAGCTCAC GCTGTAGGTA TCTCAGTTCG GTGTAGGTCG TTCGCTCCAA 1150
GCTGGGCTGT GTGCACGAAC CCCCCGTTCA GCCCGACCGC TGCGCCTTAT 1200
CCGGTAACTA TCGTCTTGAG TCCAACCCGG TAAGACACGA CTTATCGCCA 1250
CTGGCAGCAG CCACTGGTAA CAGGATTAGC AGAGCGAGGT ATGTAGGCGG 1300
TGCTACAGAG TTCTTGAAGT GGTGGCCTAA CTACGGCTAC ACTAGAAGAA 1350
CAGTATTTGG TATCTGCGCT CTGCTGAAGC CAGTTACCTT CGGAAAAAGA 1400
GTTGGTAGCT CTTGATCCGG CAAACAAACC ACCGCTGGTA GCGGTGGTTT 1450
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TTTTGTTTGC	AAGCAGCAGA	TTACGCGCAG	AAAAAAAGGA	TCTCAAGAAG	1500
ATCCTTTGAT	CTTTTCTACG	GGGTCTGACG	CTCAGTGGAA	CGAAAACCTCA	1550
CGTTAAGGGA	TTTTGGTCAT	GAGATTATCA	AAAAGGATCT	TCACCTAGAT	1600
CCTTTTAAAT	TAAAAATGAA	GTTTTAAATC	AATCTAAAGT	ATATATGAGT	1650
AAACTTGGTC	TGACAGTTAC	CAATGCTTAA	TCAGTGAGGC	ACCTATCTCA	1700
GCGATCTGTC	TATTTTCGTT	ATCCATAGTT	GCCTGACTCC	CCGTCGTGTA	1750
GATAACTACG	ATACGGGAGG	GCTTACCATC	TGGCCCCAGT	GCTGCAATGA	1800
TACCGCGAGA	CCCACGCTCA	CCGGCTCCAG	ATTTATCAGC	AATAAACCAG	1850
CCAGCCGGAA	GGGCCGAGCG	CAGAAGTGGT	CCTGCAACTT	TATCCGCCTC	1900
CATCCAGTCT	ATTAATTGTT	GCCGGGAAGC	TAGAGTAAGT	AGTTCGCCAG	1950
TTAATAGTTT	GCGCAACGTT	GTTGCCATTG	CTACAGGCAT	CGTGGTGTCA	2000
CGCTCGTCGT	TTGGTATGGC	TTCATTGAGC	TCCGGTTCCC	AACGATCAAG	2050
GCGAGTTACA	TGATCCCCCA	TGTTGTGCAA	AAAAGCGGTT	AGCTCCTTCG	2100
GTCCTCCGAT	CGTTGTCAGA	AGTAAGTTGG	CCGCAGTGTT	ATCACTCATG	2150
GTTATGGCAG	CACTGCATAA	TTCTCTTACT	GTCATGCCAT	CCGTAAGATG	2200
CTTTTCTGTG	ACTGGTGAGT	ACTCAACCAA	GTCATTCTGA	GAATAGTGTA	2250
TGCGGCGACC	GAGTTGCTCT	TGCCCGGCGT	CAATACGGGA	TAATACCGCG	2300
CCACATAGCA	GAACTTTAAA	AGTGCTCATC	ATTGGAAAAC	GTTCTTTCGGG	2350
GCGAAAACCTC	TCAAGGATCT	TACCGCTGTT	GAGATCCAGT	TCGATGTAAC	2400
CCACTCGTGC	ACCCAACCTGA	TCTTCAGCAT	CTTTTACTTT	CACCAGCGTT	2450
TCTGGGTGAG	CAAAAACAGG	AAGGCAAAAT	GCCGCAAAAA	AGGGAATAAG	2500
GGCGACACGG	AAATGTTGAA	TACTCATACT	CTTCCTTTTT	CAATATTATT	2550
GAAGCATTTA	TCAGGGTTAT	TGTCTCATGA	GCGGATACAT	ATTTGAATGT	2600
ATTTAGAAAA	ATAAACAAAT	AGGGGTTCGG	CGCACATTTT	CCCGAAAAGT	2650
GCCACCTGAC	GTCTAAGAAA	CCATTATTAT	CATGACATTA	ACCTATAAAA	2700
ATAGGCGTAT	CACGAGGCC	TTTCGTC	2727		