

(Bar)
Bgl 1-2511

Sequence Report

Organism Name : pET28a

Sequence length : 8033 bp

Base Count : 1873 A 2310 C 2194 G 1656 T

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1   TGGCGAATGG GACGCGCCCT GTAGCGGCGC ATTAAGCGCG GCGGGTGTGG
51  TGGTTACGCG CAGCGTGACC GCTACACTTG CCAGCGCCCT AGCGCCCGCT
101 CCTTTCGCTT TCTTCCCTTC CTTTCTCGCC ACGTTCGCCG GCTTTCCTCCG
151 TCAAGCTCTA AATCGGGGGC TCCCTTTAGG GTTCCGATTT AGTGCTTTAC
201 GGCACCTCGA CCCCAAAAAA CTTGATTAGG GTGATGGTTC ACGTAGTGGG
251 CCATCGCCCT GATAGACGGT TTTTCGCCCT TTGACGTTGG AGTCCACGTT
301 CTTTAATAGT GGACTCTTGT TCCAAACTGG AACAACTC AACCCATATCT
351 CGGCTTATTC TTTTGATTTA TAAGGGATTT TGCCGATTTT GGCCTATTGG
401 TTAAAAAATG AGCTGATTTA ACAAAAATTT AACGCGAATT TTAACAAAAT
451 ATTAACGTTT ACAATTCAG GTGGCACTTT TCGGGGAAAT GTGCGCGGAA
501 CCCCTATTTG TTTATTTTTT TAAATACATT CAAATATGTA TCCGCTCATG
551 AATTAATTCT TAGAAAAACT CATCGAGCAT CAAATGAAAC TGCAATTTAT
601 TCATATCAGG ATTATCAATA CCATATTTTT GAAAAAGCCG TTTCTGTAAT
651 GAAGGAGAAA ACTCACCGAG GCAGTTCCAT AGGATGGCAA GATCCTGGTA
701 TCGGTCTGCG ATTCGACTC GTCCAACATC AATACAACCT ATTAATTTCC
751 CCTCGTCAAA AATAAGGTTA TCAAGTGAGA AATCACCATG AGTGACGACT
801 GAATCCGGTG AGAATGGCAA AAGTTTATGC ATTTCTTTCC AGACTTGTTC
851 AACAGGCCAG CCATTACGCT CGTCATCAAA ATCACTCGCA TCAACCAAAC
901 CGTTATTCAT TCGTGATTGC GCCTGAGCGA GACGAAATAC GCGATCGCTG
951 TTAAAAGGAC AATTACAAAC AGGAATCGAA TGCAACCGGC GCAGGAACAC
1001 TGCCAGCGCA TCAACAATAT TTTCACCTGA ATCAGGATAT TCTTCTAATA
1051 CCTGGAATGC TGTTTTCCCG GGGATCGCAG TGGTGAGTAA CCATGCATCA
1101 TCAGGAGTAC GGATAAAATG CTTGATGGTC GGAAGAGGCA TAAATTCGGT
1151 CAGCCAGTTT AGTCTGACCA TCTCATCTGT AACATCATTG GCAACGCTAC
1201 CTTTGCCATG TTTCAGAAAC AACTCTGGCG CATCGGGCTT CCCATACAAT

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Clal(1251)

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1251 CGATAGATTG TCGCACCTGA TTGCCCGACA TTATCGCGAG CCCATTTATA
1301 CCCATATAAA TCAGCATCCA TGTTGGAATT TAATCGCGGC CTAGAGCAAG
1351 ACGTTTCCCG TTGAATATGG CTCATAACAC CCCTTGTATT ACTGTTTATG
1401 TAAGCAGACA GTTTTATTGT TCATGACCAA AATCCCTTAA CGTGAGTTTTT
1451 CGTTCCTACTG AGCGTCAGAC CCCGTAGAAA AGATCAAAGG ATCTTCTTGA
1501 GATCCTTTTTT TTCTGCGCGT AATCTGCTGC TTGCAAACAA AAAAACCACC
1551 GCTACCAGCG GTGGTTTGTG TGCCGGATCA AGAGCTACCA ACTCTTTTTT
1601 CGAAGGTAAC TGGCTTCAGC AGAGCGCAGA TACCAAATAC TGTCCTTCTA
1651 GTGTAGCCGT AGTTAGGCCA CCACTTCAAG AACTCTGTAG CACCGCCTAC
1701 ATACCTCGCT CTGCTAATCC TGTTACCAGT GGCTGCTGCC AGTGCCGATA
1751 AGTCGTGTCT TACCGGGTTG GACTCAAGAC GATAGTTACC GGATAAGCGG
1801 CAGCGGTCGG GCTGAACGGG GGGTTCGTGC ACACAGCCCA GCTTGAGCGG
1851 AACGACCTAC ACCGAACTGA GATACCTACA GCGTGAGCTA TGAGAAAGCG
1901 CCACGCTTCC CGAAGGGAGA AAGGCGGACA GGTATCCGGT AAGCGGCAGG
1951 GTCGGAACAG GAGAGCGCAC GAGGGAGCTT CCAGGGGGAA ACGCCTGGTA
2001 TCTTTATAGT CCTGTCGGGT TTCGCCACCT CTGACTTGAG CGTCGATTTT
2051 TGTGATGCTC GTCAGGGGGG CGGAGCCTAT GGAAAAACGC CAGCAACCGG
2101 GCCTTTTTTAC GGTTCCCTGGC CTTTTGCTGG CCTTTTGCTC ACATGTTCTT
2151 TCCTGCGTTA TCCCCTGATT CTGTGGATAA CCGTATTACC GCCTTTGAGT
2201 GAGCTGATAC CGCTCGCCGC AGCCGAACGA CCGAGCGCAG CGAGTCAGTG
2251 AGCGAGGAAG CGGAAGAGCG CCTGATGCGG TATTTTCTCC TTACGCATCT
2301 GTGCGGTATT TCACACCGCA TATATGGTGC ACTCTCAGTA CAATCTGCTC

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2351 TGATGCCGCA TAGTTAAGCC AGTATACACT CCGCTATCGC TACGTGACTG
2401 GGTCAATGGCT GCGCCCCGAC ACCCGCCAAC ACCCGCTGAC GCGCCCTGAC
2451 GGGCTTGTCT GCTCCCCGCA TCCGCTTACA GACAAGCTGT GACCGTCTCC
2501 GGGAGCTGCA TGTGTCAGAG GTTTTCACCG TCATCACCGA AACCGCGGAG
2551 GCAGCTGCGG TAAAGCTCAT CAGCGTGGTC GTGAAGCGAT TCACAGATGT
2601 CTGCCGTGTC ATCCGCTGCC AGCTCGTTGA GTTCTCCAG AAGCGTTAAT
2651 GTCTGGCTTC TGATAAAGCG GGCCATGTTA AGGGCGGTTT TTTCTGTTT
2701 GGTCACTGAT GCCTCCGTGT AAGGGGATT TCTGTTCATG GGGGTAATGA
2751 TACCGATGAA ACGAGAGAG ATGCTCACGA TACGGGTAC TGATGATGAA
2801 CATGCCCGGT TACTGGAACG TTGTGAGGGT AAACAACCTGG CGGTATGGAT
2851 GCGGCCGGGAC CAGAGAAAAA TCACTCAGGG TCAATGCCAG CGCTTCGTTA
2901 ATACAGATGT AGGTGTCCA CAGGGTAGCC AGCAGCATCC TGCAGTGCAG
2951 ATCCGGAACA TAATGGTGCA GGGCGTGAC TTCCGCGTTT CCAGACTTTA
3001 CGAAACACGG AAACCGAAGA CCATTCATGT TGTGCTCAG GTCGCAGACG
3051 TTTTGCAGCA GCAGTCGCTT CACGTTCGCT CGCGTATCGG TGATTCATTC
3101 TGCTAACCAG TAAGGCAACC CCGCCAGCCT AGCCGGGTCC TCAACGACAG
3151 GAGCACGATC ATGCGCACCC GTGGGGCCGC CATGCCGCG ATAATGGCCT
3201 GCTTCTCGCC GAAACGTTTG GTGGCGGGAC CAGTGACGAA GGCTTGAGCG
3251 AGGGCGTGCA AGATTCCGAA TACCGCAAGC GACAGGCCGA TCATCGTCGC
3301 GCTCCAGCGA AAGCGGTCCT CGCCGAAAAT GACCCAGAGC GCTGCCGGCA
3351 CCTGTCCTAC GAGTTGCATG ATAAAGAAGA CAGTCATAAG TGCGGCGACG
3401 ATAGTCATGC CCCGCGCCA CCGAAGGAG CTGACTGGGT TGAAGGCTCT
3451 CAAGGCGATC GGTGAGATC CCGGTGCCTA ATGAGTGAGC TAACTTACAT
3501 TAATTGCGTT GCGCTCACTG CCCGCTTTC AGTCGGGAAA CCTGTGCTGC
3551 CAGCTGCATT AATGAATCGG CCAACGCGG GGGAGAGGCG GTTTGCGTAT
3601 TGGGCGCCAG GGTGGTTTTT CTTTTACCA GTGAGACGGG CAACAGCTGA
3651 TTGCCCTTCA CCGCCTGGCC CTGAGAGAGT TGCAGCAAGC GGTCCACGCT
3701 GGTTCGCCCC AGCAGGCGAA AATCCTGTTT GATGGTGGTT AACGGCGGGA
EcoRV(3797)
3751 TATAACATGA GCTGTCTTCG GTATCGTCGT ATCCCACTAC CGAGATATCC
3801 GCACCAACGC GCAGCCCGGA CTCGGTAATG GCGCGCATTG CGCCAGCGC
3851 CATCTGATCG TTGGCAACCA GCATCGCAGT GGAACGATG CCCTCATTC
3901 GCATTTGCAT GGTTTGTTGA AAACCGGACA TGGCACTCCA GTCGCTTCC
3951 CGTTCGCTA TCGGCTGAAT TTGATTGCGA GTGAGATATT TATGCCAGCC
4001 AGCCAGACGC AGACGCGCCG AGACAGAACT TAATGGGCCC GCTAACAGCG
4051 CGATTTGCTG GTGACCCAAT GCGACCAGAT GCTCCACGCC CAGTCGCGTA
4101 CCGTCTTCAT GGGAGAAAAT AATACTGTTG ATGGGTGTCT GGTCCAGAGC
4151 ATCAAGAAAT AACGCCGAA CATTAGTGCA GGCAGCTTCC ACAGCAATGG
MluI(4243)
4201 CATCCTGGTC ATCCAGCGGA TAGTTAATGA TCAGCCCACT GACGCGTTGC
4251 GCGAGAAGAT TGTGCACCGC CGCTTACAG GCTTCGACGC CGCTTCGTTT
4301 TACCATCGAC ACCACCACGC TGGCACCCAG TTGATCGGCG CGAGATTTAA
4351 TCGCCGCGAC AATTTGCGAC GCGCGTGCA GGGCCAGACT GGAGGTGGCA
4401 ACGCCAATCA GCAACGACTG TTTGCCCGCC AGTTGTTGTG CCACGCGGTT
4451 GGGAATGTAA TTCAGCTCCG CCATCGCCGC TTCCACTTTT TCCCGCGTTT
4501 TCGCAGAAAC GTGGCTGGCC TGGTTCACCA CGCGGAAAC GGTCTGATAA
4551 GAGACACCGG CATACTCTGC GACATCGTAT AACGTTACTG GTTTCACATT
4601 CACCACCCTG AATTGACTCT CTTCCGGGCG CTATCATGCC ATACCGCGAA
4651 AGGTTTTGCG CCATTGATG GTGTCCGGGA TCTCGACGCT CTCCTTATG
4701 CGACTCCTGC ATTAGGAAGC AGCCAGTAG TAGGTTGAGG CCGTTGAGCA

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4751 CCGCCGCCGC AAGGAATGGT GCATGCAAGG AGATGGCGCC CAACAGTCCC
4801 CCGGCCACGG GGCCTGCCAC CATACCCACG CCGAAACAAG CGCTCATGAG
4851 CCCGAAGTGG CGAGCCCGAT CTCCCCATC GGTGATGTCG GCGATATAGG
4901 CGCCAGCAAC CGCACCTGTG GCGCCGGTGA TGCCGGCCAC GATGCGTCCG
      BglII(4965)
4951 GCGTAGAGGA TCGAGATCTC GATCCCAGCA AATTAATACG ACTCACTATA
      XbaI(5031)
5001 GGGGAATTGT GAGCGGATAA CAATTCCCCT CTAGAAATAA TTTTGTTTAA
5051 CTTTAAGAAG GAGATATACC ATGGGCAGCA GCCATCATCA TCATCATCAC
      NheI(5135)
      NdeI(5130)
5101 AGCAGCGGCC TGGTGCCGCG CGGCAGCCAT ATGGCTAGCA TGACTGGTGG
      BamHI(5168)
5151 ACAGCAAATG GGTCCGCGAT CCGGTGGTGG TGCAAATCAA AGAACTGCTC
5201 CTCAGTGGAT GTTGCCTTTA CTCTAGGCC TGTACGGAAG TGTTACTTCT
5251 GCTCTAAAAG CTGCTCTAGC CCTCGACGGC GCCGGCGGCT CCTGCAGGAG
5301 GCCACTGTCT GCAGTCCCG TGAAGATGTC CACTCCAGAC CCACCCCTGG
5351 GCGGAACTCC TCGGCCAGGT CCTTCCCCTGG GCCCTGGCCC TTCCCCTGGA
5401 GCCATGCTGG GCCCTAGCCC GGTCCCCTCG CCGGGCTCCG CCCACAGCAT
5451 GATGGGGCCC AGCCAGGGC GCCTCAGC AGGACACCCC ATCCCACCC
      KpnI(5518)
5501 AGGGGCCTGG AGGGTACCCT CAGACAACA TGCACCAGAT GCACAAGCCC
5551 ATGGAGTCCA TGCATGAGAA GGCATGTCG GACGACCCGC GCTACAACCA
5601 GATGAAAGGA ATGGGGATGC GGTGAGGGG CCATGCTGGG ATGGGGCCCC
5651 CGCCCAGCCC CATGGACCAG CACTCCCAAG GTTACCCTC GCCCCTGGGT
5701 GGCTCTGAGC ATGCCTCTAG TCCAGTTCCA GCCAGTGGCC CGTCTTCGGG
5751 GCCCCAGATG TCTTCCGGGC CAGGAGGTGC CCCGCTGGAT GGTGCTGACC
5801 CCCAGGCCTT GGGGCAGCAG AACCGGGGCC CAACCCATT TAACCAGAAC
5851 CAGCTGCACC AGCTCAGAGC TCAGATCATG GCCTACAAGA TGCTGGCCAG
5901 GGGCAGCCC CTCCCCGACC ACCTGCAGAT GGCGGTGCAG GGCAAGCGGC
5951 CGATGCCCGG GATGCAGCAG CAGATGCCAA CGCTACCTCC ACCCTCGGTG
6001 TCCGCAACAG GACCCGGCCC TGGCCCTGGC CCTGGCCCCG GCCCGGGTCC
6051 CGGCCCGGCA CCTCCAAATT ACAGCAGGCC TCATGGTATG GGAGGGCCCA
6101 ACATGCCTCC CCCAGGACCC TCGGGCGTGC CCCCAGGAT GCCAGGCCAG
6151 CCTCCTGGAG GGCCTCCAA GCCCTGGCCT GAAGGACCCA TGGCGAATGC
6201 TGCTGCCCCC ACGAGCACCC CTCAGAAGCT GATTCCCCCG CAGCCAACGG
6251 GCCGCCCTTC CCCCAGGCC CCTGCCGTCC CACCCGCCGC CTCGCCCGTG
6301 ATGCCACCGC AGACCCAGTC CCCCAGGCAG CCGGCCAGC CCGCGCCCAT
6351 GGTGCCACTG CACCAGAAGC AGAGCCGCAT CACCCCATC CAGAAGCCGC
6401 GGGCCTCGA CCCTGTGGAG ATCCTGCAGG AGCGCGAGTA CAGGCTGCAG
      EcoRI(6468)
6451 GCTCGCATCG CACACCGAAT TCAGAACTT GAAAACCTTC CCGGGTCCCT
6501 GGCCGGGGAT TTGCGAACCA AAGCGACCAT TGAGCTCAAG GCCCTCAGGC
6551 TGCTGAACTT CCAGAGGCAG CTGCGCCAGG AGGTGGTGGT GTGCATGCGG
6601 AGGGACACAG CGCTGGAGAC AGCCCTCAAT GCTAAGGCCT ACAAGCGCAG
6651 CAAGCGCCAG TCCCTGCGCG AGGCCGCAT CACTGAGAAG CTGGAGAAGC
6701 AGCAGAAGAT CGAGCAGGAG CGCAAGCGCC GGCAGAAGCA CCAGGAATAC
6751 CTCAATAGCA TTCTCCAGCA TGCCAAGGAT TTCAAGGAAT ATCACAGATC
6801 CGTCACAGGC AAAATCCAGA AGCTGACCAA GGCAGTGGCC ACGTACCATG
6851 CCAACACGGA GCGGGAGCAG AAGAAAGAGA ACGAGCGGAT CGAGAAGGAG

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2B51

Sequence Report

Organism Name : pET28a

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                                     KpnI(6940)
6901 CGCATGCGGA GGCTCATGGC TGAAGATGAG GAGGGGTACC GCAAGTCAT
6951 CGACCAGAAG AAGGACAAGC GCCTGGCCTA CCTCTTGCA GAGACAGACG
7001 AGTACGTGGC TAACCTCACG GAGCTGGTGC GGCAGCACAA GGCTGCCCAG
7051 GTCGCCAAGG AGAAAAAGAA GAAAAAGAAA AAGAAGAAGG CAGAAAATGC
7101 AGAAGGACAG ACGCCTGCCA TTGGGCCCGA TGGCGAGCCT CTGGACGAGA
7151 CCAGCCAGAT GAGCGACCTC CCGGTGAAGG TGATCCACGT GGAGAGTGGG
7201 AAGATCCTCA CAGGCACAGA TGCCCCCAA GCCGGGCAGC TGGAGGCCTG
      XhoI(7253)
7251 GCTCGAGATG AACCCGGGGT ATGAAGTAGC TCCGAGGTCT GATAGTGAAG
7301 AAAGTGGCTC AGAAGAAGAG GAAGAGGAGG AGGAGGAAGA GCAGCCGCAG
7351 GCAGCACAGC CTCCCACCTT GCCCGTGGAG GAGAAGAAGA AGATTCCAGA
      AatII(7419)
7401 TCCAGACAGC GATGACGTCT CTGAGGTGGA CGCGCGGCAC ATCATTGAGA
7451 ATGCCAAGCA AGATGTCGAT GATGAATATG GCGTGTCCCA GGCCCTTGCA
7501 CGTGGCCTGC AGTCCTACTA TGCCGTGGCC CATGCTGTCA CTGAGAGAGT
7551 GGACAAGCAG TCAGCGCTTA TGGTCAATGG TGTCTCAA CAGTACCAGA
7601 TCAAAGGTTT GGAGTGGCTG GTGTCCCTGT ACAACAACA CCTGAACGGC
7651 ATCCTGGCCG ACGAGATGGG CCTGGGGAAG ACCATCCAGA CCATCGCGCT
7701 CATCACGTAC CTCATGGAGC ACAAACGCAT CAATGGGCC TTCCTCATCA
7751 TCGTGCCTCT CTCAACGCTG TCCAAC TGGG CGTACGAGT TGACAAGTGG
                                     EcoRI(7838)
      BglI ← BamHI(7832)
7801 GCCCCCTCCG TGGTGAAGGT GTCTTACAAG GGATCCGAAT TCGAGCTCCG
      HindIII(7857) XhoI(7872)
      SalI(7851) NotI(7864)
7851 TCGACAAGCT TGC GGCCGCA CTCGAGCACC ACCACCACCA CCACTGAGAT
7901 CCGGCTGCTA ACAAAGCCCG AAAGGAAGCT GAGTTGGCTG CTGCCACCGC
7951 TGAGCAATAA CTAGCATAAC CCCTTGGGGC CTCTAAACGG GTCTTGAGGG
8001 GTTTTTTGCT GAAAGGAGGA ACTATATCCG GAT

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