

pAMP DNA Sequence, 4539 bp

1 GCGCCAATA CGCAAACCGC CTCTCCCCGC GCGTTGGCCG ATTCATTAAT GCAGCTGGCA
61 CGACAGGTTT CCCGACTGGA AAGCGGGCAG TGAGCGCAAC GCAATTAATG TGAGTTAGCT
121 CACTCATTAG GCACCCCAGG CTTTACACTT TATGCTTCCG GCTCGTATGT TGTGTGGAAT
181 TGTGAGCGGA TAACAATTC ACACAGGAAA CAGCTATGAC CATGATTACG CCAAGCTTGC
241 AGAAACGACT TTTTAAAGG ACGGTTATCA CATTCAAACA TTAATTTTTT ATGATAAACA
301 ATTCCATCCA ATTGATTTAA TCAATACAAC ATTTGAAGAT CAAGCAGATA AATATATTTT
361 TTGGCGTTAT GCAGCTGACA GAGCCAAAAT AACAAATGCC TATGGCTTCA TTTGGATATC
421 AGAGCTATGG CTCAGAAAAG CAAGCATCTA CTCCAATAAA CCAATACATA CAATGCCAAT
481 TATAGATGAA AGACTTCAGG TAATTGGAAT TGATTCAAAT AATAATCAAA AATGTATTTT
541 ATGGAAAATA GTTAGAGAAA ACGAAGAAAA AAAACCGACT TTAGAAATAT CAACAGCAGA
601 CTCAAACAT GACGAAAAAC CATATTTTAT GCGTTCAGTC TAAAAGCAA TTGGCGGTGA
661 TGTAACACT ATGAACAATT GAGTCATAGA ACTTCCATTA TTCTCCTGAA GATAATAATC
721 GCCAAATAAA CCAATACTCA GCTTTACAAT ATACTAACTA ACCGCAGAAC GTTATTTTAT
781 ACAACGTTTC TGCGGCATAT CACAAAACGA TTA CTCCATA ACAGGGACAG CAGGCCACTC
841 AATATCAGGT GCAGTTGATG TATCAACACG GTTCAGCAAC ACCCGATACT TCTTCCAGGC
901 TTCCAGCAAC GAGGTTTCTT CCTTCGTTGC AATTTCCAGA TCTGCAGCAT CCTGAAGCGG
961 CGCAATATGC TCACTGGCTA CCTGCATCAG GCTTTTTTTT GTTTCTTCCG CCTCCCGGAT
1021 CCGGAACAGT TTTTCTGCTT CCGTATCCTT CACCCAGGCT GTGCCGTTCC ACTTCTGATA
1081 TTCCCCTCCC GGCATAACC AGGTAAAATT TTCCGTAAC GGACCGAGTT CAGAAATAAA
1141 TAACGCGTCG CCGGAAGCCA CGTCATAGAC GGTTTTACCC CGATGGTCTT CAACGAGATG
1201 CCACGATGCC TCATCACTGT TGAAAACAGC CACAAAGCCA GCCGGAATAT CTGGCGGTGC
1261 AATATCGGTA CTGTTTGCAG GCAGACCGGT ATGAGGCGGA ATATATGCGT CACCTTACC
1321 AATAAATTCA TTAGTCCGG CCAGCAGATT ATAAATTTTT ATGGTCCGTG GTTGTTCACT

1381 CATTCTGAAT GCCATTATGC AAGCCTCACA ATATAGTTAA ATGCAATGTT TTTGACGGTG
1441 TTTTCCGCGT TACCCGCAGC GTTAACGGTG ATGGTGTGTC CGTGTGAACC AATACTGAAA
1501 GAATGGGCAT GAGCACCGAT AACAAACCGGA TGCTGGTGCG CACCAATACC AACTGTATGC
1561 GCATGTGCAC CGGCACTCAC GGCTGTACCG GACAATGAGT GACTGTGGCT GCCCTGACTG
1621 TCCGTTTTCG ATAAATAAGC AATACCCTGT GTGCTGGTTC CTTTAACTGT GGATAAACTT
1681 CCTGTAATGG TTGCTGTTCC ATACTGACTC CAGCCAGAAC TGTTATCCT TAAACCACTT
1741 GTGTGGGCAT GAGCACCCGC GGCCCCTGTT GAACCGCTCA GACTGTGAGC ATGAGCCCCC
1801 GTGTTATTCG TCGATTTGGT GCCGTAATCG AAACCTGCCTG TTGTTTTCGT CCCGTAATCA
1861 AACGACGATG TGGTTTTCGT CCCCAAATCC GTACCGGATG CACTGGCACT GTGGGTGTGC
1921 GACTTAATTC CATCCTGTTC CTGAGACAAT ACAGCACGAC CGCTGGCGGG TTTCCCCTTG
1981 ATTGTCCAGC CTCGCATATC AGGAAGCACA CCCGATGGAT ACGCGACAGC AAGTTTTGGG
2041 TAGGCTGATT TGTCAAACGC CTGCCCTGC ATCAGGACGT AGCCAGACGG AACGATATCT
2101 GATGGCCACG GGATCGGCGC ACCTGCCGGA AAGGCCGAAT TCACTGGCCG TCGTTTTACA
2161 ACGTCGTGAC TGGGAAAACC CTGGCGTTAC CCAACTTAAT CGCCTTGACAG CACATCCCCC
2221 TTTCCGACG TGGCGTAATA GCGAAGAGGC CCGCACCGAT CGCCCTTCCC AACAGTTGCG
2281 CAGCCTGAAT GGCGAATGGC GCCTGATGCG GTATTTTCTC CTTACGCATC TGTGCGGTAT
2341 TTCACACCGC ATATGGTGCA CTCTCAGTAC AATCTGCTCT GATGCCGCAT AGTTAAGCCA
2401 GCCCCGACAC CCGCCAACAC CCGCTGACGC GCCCTGACGG GCTTGTCTGC TCCCGGCATC
2461 CGCTTACAGA CAAGCTGTGA CCGTCTCCGG GAGCTGCATG TGTCAGAGGT TTTACCGTCC
2521 ATCACCGAAA CGCGCGAGAC GAAAGGGCCT CGTGATACGC CTATTTTTAT AGGTTAATGT
2581 CATGATAATA ATGGTTTCTT AGACGTCAGG TGGCACTTTT CGGGGAAATG TGCGCGGAAC
2641 CCCTATTTGT TTATTTTTCT AAATACATTC AAATATGTAT CCGCTCATGA GACAATAACC
2701 CTGATAAATG CTTCAATAAT ATTGAAAAAG GAAGAGTATG AGTATTCAAC ATTTCCGTGT
2761 CGCCCTTATT CCCTTTTTTG CGGCATTTTG CCTCCTGTT TTTGCTCACC CAGAAACGCT
2821 GGTGAAAGTA AAAGATGCTG AAGATCAGTT GGGTGCACGA GTGGGTTACA TCGAACTGGA

2881 TCTCAACAGC GGTAAGATCC TTGAGAGTTT TCGCCCCGAA GAACGTTTTTC CAATGATGAG
2941 CACTTTTAAA GTTCTGCTAT GTGGCGCGGT ATTATCCCGT ATTGACGCCG GGCAAGAGCA
3001 ACTCGGTCGC CGCATACACT ATTCTCAGAA TGACTIONGTT GAGTACTCAC CAGTCACAGA
3061 AAAGCATCTT ACGGATGGCA TGACAGTAAG AGAATTATGC AGTGCTGCCA TAACCATGAG
3121 TGATAACACT GCGGCCAACT TACTTCTGAC AACGATCGGA GGACCGAAGG AGCTAACCGC
3181 TTTTTTGAC AACATGGGGG ATCATGTAAC TCGCCTTGAT CGTTGGGAAC CGGAGCTGAA
3241 TGAAGCCATA CCAAACGACG AGCGTGACAC CACGATGCCT GTAGCAATGG CAACAACGTT
3301 GCGCAAATA TTAAGTGGCG AACTACTTAC TCTAGCTTCC CGGCAACAAT TAATAGACTG
3361 GATGGAGGCG GATAAAGTTG CAGGACCACT TCTGCGCTCG GCCCTCCGG CTGGCTGGTT
3421 TATTGCTGAT AAATCTGGAG CCGGTGAGCG TGGGTCTCGC GGTATCATTG CAGCACTGGG
3481 GCCAGATGGT AAGCCCTCCC GTATCGTAGT TATCTACACG ACGGGGAGTC AGGCAACTAT
3541 GGATGAACGA AATAGACAGA TCGCTGAGAT AGGTGCCTCA CTGATTAAGC ATTGGTAACT
3601 GTCAGACCAA GTTTACTCAT ATATACTTTA GATTGATTTA AAACCTCATT TTTAATTTAA
3661 AAGGATCTAG GTGAAGATCC TTTTTGATAA TCTCATGACC AAAATCCCTT AACGTGAGTT
3721 TTCGTTCCAC TGAGCGTCAG ACCCCGTAGA AAAGATCAAA GGATCTTCTT GAGATCCTTT
3781 TTTTCTGCGC GTAATCTGCT GCTTGCAAAC AAAAAAACCA CCGTACCAG CGGTGGTTTG
3841 TTTGCCGGAT CAAGAGCTAC CAACTCTTTT TCCGAAGGTA ACTGGCTTCA GCAGAGCGCA
3901 GATACCAAAT ACTGTCCTTC TAGTG TAGCC GTAGTTAGGC CACCACTTCA AGAACTCTGT
3961 AGCACCGCCT ACATACCTCG CTCTGCTAAT CCTGTTACCA GTGGCTGCTG CCAGTGGCGA
4021 TAAGTCGTGT CTTACCGGGT TGGACTCAAG ACGATAGTTA CCGGATAAGG CGCAGCGGTC
4081 GGGCTGAACG GGGGGTTCGT GCACACAGCC CAGCTTGGAG CGAACGACCT ACACCGAACT
4141 GAGATACCTA CAGCGTGAGC TATGAGAAAG CGCCACGCTT CCCGAAGGGA GAAAGGCGGA
4201 CAGGTATCCG GTAAGCGGCA GGGTCGGAAC AGGAGAGCGC ACGAGGGAGC TTCCAGGGGG
4261 AAACGCCTGG TATCTTTATA GTCCTGTCGG GTTTCGCCAC CTCTGACTTG AGCGTCGATT
4321 TTTGTGATGC TCGTCAGGGG GCGGAGCCT ATGGAAAAAC GCCAGCAACG CGGCCTTTTT

4381 ACGGTCCTG GCCTTTGCT GGCCTTTGC TCACATGTC TTCCTGCGT TATCCCCTGA
4441 TTCTGTGGAT AACCGTATTA CCGCCTTTGA GTGAGCTGAT ACCGCTCGCC GCAGCCGAAC
4501 GACCGAGCGC AGCGAGTCAG TGAGCGAGGA AGCGGAAGA