

A. pCERC7 CCAAAGCCACATCATTTGCTTTGAAAAAAGGCATTCCAATATAATATCAAGCCAGAAGAC
 I. pEC22 GTCAGTCGTTATCAATAACAGCCTGATAACAACCTTCCCTGACTCAGATAGACACTCGC
 E. pEC404/03-4 CGAACAAATATGTGTCATTTGCAATAGCATGCACTTCCATGCGATACGGCAAACTTGGAT
 G. pU302S TGGCCGCTTCGTAGTCGAGGAACATGGCATCAAGTAAATGGGACTGTTTCTAACGCTCCC
 F. pSL491_3 CATAATGACTTTTTTATAGGAAAGCGATAATCAATAAAAAACATCAATAACATGATCGCT
 D. pYU39_2.7 CTTTATAGAGTACATCCATATCTGTTTTGTGCGCAAAAAACATAAATATAAATCTTAC
 H. AF218051 TTTAAGTCATGTTTTTATGAAATATTCAATTTCCACCAATAGTAATTTAACCAATTGT
 B. pHUSEC41-4 TGCTGGCTGACACGATTTCTGCGGTTTATCTCGATGGCTACGAGGGCAGACAGTAAGTGG
 C. p9705 ATTTGGCTTTGCTGTAATGGGTTTACGCTTACAGTTAAAGTTATCGCATAGCTCATAT
 J. p2.3 TATCCTTAAAAATCAAGATGTTACGTTTGTGACATTTTATCATCATATATCAACCGCCCT

XerD XerC

A. pCERC7 ATTTACCATAA-CGTCTCATTTACGCGCACCCGCCAAAACGCGCTGAACGCGATTCTGACGC
 I. pEC22 ATTTACCATAA-TGTCGCATTACGCGCACCACTAAAACGCGCTGAACGCGATTCTGCGCG
 E. pEC404/03-4 ATTTACCATAA-CGTCTCATTTACGCGCACCCGCCAAAACGCGCTGAACGCGATTCTGACGC
 G. pU302S ATTTACCATAA-CGTCTCATTTACGCGCACCCGCTAAAACGCGCTGAACGCGATTCTGCGCG
 F. pSL491_3 ATTTACCATAA-CGTCTCATTTACGCGCACCCGCTAAAACGCGCTGAACGCGATTCTGCGCG
 D. pYU39_2.7 ATTTACCATAATACAGTATTGTACGCGCACCCGCTAAAACGCGCTGAACGCGATTCTGACGC
 H. AF218051 ATTTACCATAATCCCTTAAATTGTACGCGCACCCGCGTAAAACGCGCTGAACGCGATTCTGCGCG
 B. pHUSEC41-4 ATTTACCATAATCCCTTAAATTGTACGCGCACCTGAAAACGCGCTGAACGCGATTCTGACGC
 C. p9705 ATTTACCATAATCCCTTAAATTGTACGCGCACCTGAAAACGCGCTGAACGCGATTCTGACGC
 J. p2.3 ATTTACCATAATCCCTTAAATTGTACGCGCACCTGAAAACGCGCTGAACGCGATTCTGACGC
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A. pCERC7 AGACACCGCAAAAAGAGATGTTTTCCCGGGGTAACCGGAAAAATGCGTCAGGATCGTT
 I. pEC22 GAACACCGCAAAAAGAGATGTTTTACCCAGTGAAAACCGGAAAAATGCGTCAGGATCGCT
 E. pEC404/03-4 AGACACCGCAAAAAGAGATGTTTTCCCGGGGTAACCGGAAAAATGCGTCAGGATCGCT
 G. pU302S AAACACCGCAAAAAGAGATGTTTTCCCGGGGTAACCGGAAAAATGCGTCAGGATCGCT
 F. pSL491_3 AAACACCGCAAAAAGAGATGTTTTCCCGGGGTAACCGGAAAAATGCGTCAGGATCGCT
 D. pYU39_2.7 AGACACCGCAAAAAGAGATGTTTTACCCCGGGAAAAACAGGAAGGATGCGTCAGGATCGTT
 H. AF218051 AGACACCGCAAAAAGAGATGTTTACCAAGCGAAAACCGGAAAAATGCGTCAGGATCGTT
 B. pHUSEC41-4 AGACACCGCAAAAAGAGATGTTTTACCCCGGGAAAAACAGGAAGGATGCGTCAGGATCGTT
 C. p9705 AGACACCGCAAAAAGAGATGTTTTACCCCGGGAAAAACAGGAAGGATGCGTCAGGATCGTT
 J. p2.3 AGACACCGCAAAAAGAGATGTTTTACCCCGGGAAAAATAGGAAGGATGCGTCAGGATCGTT
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ArgR

A. pCERC7 TTTCAGCTCAGTCATAGCTATGCATGAAAGTGAATGGCGATCGGTTTGGGGGCTTACGGC
 I. pEC22 TTTCAGCTCAGTCATAGCTATGCATGAAAGTGAATGGCGATCGGTTTGGGGGCTTACGGC
 E. pEC404/03-4 TTTCAGCTCAGTCATAGCTATGCATGAAAGTGAATGGCGATCGGTTTGGGGGCTTACGGC
 G. pU302S TTTCAGCTCAGTCATAGCTATGCATGAAAGTGAATGGCGATCGGTTTGGGGGCTTACGGC
 F. pSL491_3 TTTCAGCTCAGTCATAGCTATGCATGAAAGTGAATGGCGATCGGTTTGGGGGCTTACGGC
 D. pYU39_2.7 TTTCAGCTCGCTGCATAGCTATGCATGAAAGCGAATGGTGATCCTTTGGGAGCTTACGGT
 H. AF218051 TTTCAGCTCGCTGCATAGCTATGCATGAAAGCGAATGGTGATCCTTTGGGAGCTTACGGT
 B. pHUSEC41-4 TTTCAGCTCCTGCATAGCTATGCATGAAAGCGAATGGTGATCCTTTGGGAGCTTACGGT
 C. p9705 TTTCAGCTCGCTGCATAGCTATGCATGAAAGCGAATGGTGATCCTTTGGGAGCTTACGGT
 J. p2.3 TTTCAGCTCGCTGCATAGCTATGCATGAAAGCGAATGGTGATCCTTTGGGAGCTTACGGT
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