**Syn61Δ3(ev5)** (Bacterial strain #174514) sequence verification:

GE282 (5’-AAAAAGGTCGGGCCGGACGGTC-3’)

NNNNNNNNNNNNTTATANNNAGGCGTTGCGCCTGCGAGTCAGCCGCGCTTCGCGCTGGTTGTTGTTATCAACGATCCGCAGGCGGGTAAATACTACGGCGGCGCCGTTTCCGCGCCGGTCTTTGGTGCCATCATGGGCGGCGTATTGCGTACCATGAACATCGAGCCGGATGCGCTGACAACGGGCGATAAAAATGAATTTGTGATTAATCAAGGCGAGGGGACAGGTGGCAGAAGCTAAAGCCTGAGCGCTTCGCGCTGGTTGTTGTTATCAACGATCCGCAGGCGGGTAAATACTACGGCGGCGCCATTTCCGCGCCGGTCTTTGGTGCCATCATGGGCGGCGTATTGCGTACCATGAACATCGAGCCGGATGCGCTGACAACGGGCGATAAAAATGAATTTGTGATTAATCAAGGCGAGGGGACAGGTGGCAGATCGTAATTTGCGCGACCTTCTTGCTCCGTGGGTGCCAGACGCACCTAGCCGAGCACTGCGAGAGATGACACTCGACAGCCGTGTGGCTGCGGCGGGCGATCTCTTTGTAGCTGTAGTAGGTCATCAGGCGGACGGGCGTCGATATATCCCGCAGGCAATAGCGCAAGGTGTGGCTCCCAATNATTGGAAA

GE283 (5’-GCAATAATGGCAGCCACACCTTG-3’)

NNNNNNNNNNNNNNCGACGCNGTCGCCTGATGACCTACTACAGCTACAAAGAGATCGCCCGCCGCAGCCACACGGCTGTCGAGTGTCATCTCTCGCAGTGCTCGGCTAGGTGCGTCTGGCACCCACGGAGCAAGAAGGTCGCGCAAATTACGATCTGCCACCTGTCCCCTCGCCTTGATTAATCACAAATTCATTTTTATCGCCCGTTGTCAGCGCATCCGGCTCGATGTTCATGGTACGCAATACGCCGCCCATGATGGCACCAAAGACCGGCGCGGAAACGGCGCCGCCGTAGTATTTACCCGCCTGCGGATCGTTGATAACAACAACCAGCGCGAAGCGCTCAGGCTTTAGCTTCTGCCACCTGTCCCCTCGCCTTGATTAATCACAAATTCATTTTTATCGCCCGTTGTCAGCGCAACCGGCTCGATGTTCATGGTACGCAATACGCCGCCCATGATGGCACCAAAGACCGGCGCGGAAACGGCGCCGCCGTAGTATTTACCCGCCTGCGGATCGTTGATAACAACAACCAGCGCGAAGCGCGGCTGACTCGCAGGCGCAACGCCGGCGGTATAAGCAATATATTTATTGATGTAGCGACCGTCCGGCCGAACCTTTNNAAA

GE1215 (5’-AGCGTCAGGCTCAGCAGAAAATAGG-3’)

NNNNNNNNNNATGNNNGCTANNCAGACTTGTACGGTCATGACTAGAACTAACAATACGATCCATTGAGTCACTCTCTATGACAGATGTAATTAATTAAGCAGCATAATGATAATGCGTAAGGGCACCCAGAAGTTTTACCCATCTTTACGCATTTGATCTGGAACAGGTTTAACAGCGGATTATCAGGTCATTAAGCAAATATAACGCCCTGAGAATTTCGACAGGCAAAAGAAAAAGGGGTTAGCATTTAGCTAACCCCTTATCTTATTGGAATGACGCGCACTATAAACATCCCGATGCGGCGTGTAAACCCCTAATTTGTTTGTTTGCCTGAAAAACAGCCAAAAGTGCATTGATAGCGTGAAATAACAGCAGATTGATCATTTCATCACCATGAATTCCTTCTCTTTTACTCGTTTAGCAACCGGCTAAACATCCCCACCGCCCGGCCAAAAGAAAAATAGGTCCATTTTTATCGCTAAAAGATAAATCCACACAGTTTGTATTGTTTTGTGCAAAAGTTTCACTACGCTTTATTAACAATACTTTCTGGCGACGTGCGCCAGTGCAGAAGGATGAGCTTTCGTTTTCAGCATCTCACGTGAAGCGATGGTTTGCCTTGCNACCCGGGGGANNNAA

GE1216 (5’-ACGTCCCTGTAGCAAGGCAAACCATC-3’)

NNNNNNNNNNGCTNNACGAAGCTCATCCTTCTGCACTGGCGCACGTCGCCAGAAAGTATTGTTAATAAAGCGTAGTGAAACTTTTGCACAAAACAATACAAACTGTGTGGATTTATCTTTTAGCGATAAAAATGGACCTATTTTTCTTTTGGCCGGGCGGTGGGGATGTTTAGCCGGTTGCTAAACGAGTAAAAGAGAAGGAATTCATGGTGATGAAATGATCAATCTGCTGTTATTTCACGCTATCAATGCACTTTTGGCTGTTTTTCAGGCAAACAAACAAATTAGGGGTTTACACGCCGCATCGGGATGTTTATAGTGCGCGTCATTCCAATAAGATAAGGGGTTAGCTAAATGCTAACCCCTTTTTCTTTTGCCTGTCGAAATTCTCAGGGCGTTATATTTGCTTAATGACCTGATAATCCGCTGTTAAACCTGTTCCAGATCAAATGCGTAAAGATGGGTAAAACTTCTGGGTGCCCTTACGCATTATCATTATGCTGCTTAATTAATTACATCTGTCATAGAGAGTGACTCAATGGATCGTATTGTTAGTTCTAGTCATGACCGTACAAGTCTGCTTAGCACCCATAAGGTGCTGCGTAATACCTATTTTCTGCTGANCCTGGAACGCNAA