

S17 Fig. Codon-optimized 16S rRNA methyltransferase resistance gene sequence.

armA

GCTAAGGAGGTAACATATGGACAAGAATGACGTGGTCAAAAAAATTCTGGAAAGCA
AAAAATACGAAAATTTGGATTCCGACATTGTCGAGAAAGTAGTATCCATTTTCAGAG
AAGAAATATAAGCTTAAAGAAGTGGAAAATTACAGCAAAAAGAACTTCATCAAAT
TTGGGGAAGTTACTACTCTGCGTATCCTAACTGGGATAAACTTTTAAAGAAGTACAA
CCAAGGCCAATTATCTATTGAGGATCTGCTTAAAATTCACAGCTCCACGAATGAACG
TGTCGCGACACTTAATGACTTCTACACTTATGTATTTGGTAATATCAAACATGTCTCG
TCTATCCTTGACTTCGGTTGCGGCTTCAACCCGTTGGCATTGTATCAGTGGAATGAA
AATGAAAAGATCATTACCATGCTTACGATATCGACCGTGCAGAGATTGCTTTCTTA
AGCAGTATCATCGGCAAATTA AAAACGACGATTAAGTACCGCTTTTTGAATAAGGA
AAGTGACGTCTATAAGGGGACATATGACGTAGTATTTCTGTTGAAGATGTTGCCTGT
CCTTAAACAACAAGACGTCAATATTTTAGACTTTCTGCAATTATTCCATACACAGAA
CTTCGTAATTTCCCTCCCTATCAAAGCCTGTCTGGAAAGGAAAAAGGCATGGAGGA
AAATTACCAGTTGTGGTTCGAATCTTTCACCAAAGGTTGGATTA AAAATTTTGGACTC
GAAAGTGATTGGTAACGAATTGGTATACATCACTTCGGGCTTCCAAAAGTAA

npmA

GCTAAGGAGGtTAACATATGCTGATTCTGAAAGGAACTAAAACGGTAGATTTAAGTA
AAGACGAACTTACTGAAATTATCGGCCAATTTGATCGCGTTCACATTGATTTGGGCA
CAGGAGATGGCCGCAACATCTATAAGCTGGCGATTAATGATCAGAATACTTTTTATA
TCGGCATCGACCCAGTTAAGGAGAATCTGTTTGATATCTCAAAGAAAATTATTAAGA
AGCCTTCCAAGGGGGGACTTAGTAATGTAGTGTTTCGTGATCGCCGCTGCGGAATCTT
TGCCCTTTGAGCTTAAAAACATTGCCGACTCCATCTCGATTCTTTTTCCATGGGGCAC
ACTGTTGGAGTATGTAATCAAACCAACCGCGACATCTTATCAAATGTAGCAGACCT
TGCTAAAAAAGAGGCTCACTTTGAGTTTGTGACGACATATAGCGATAGTTACGAAG
AAGCTGAAATCAAGAAGCGTGGCCTGCCACTTCTTAGCAAGGCTTACTTTTTGTCTG
ACAATATAAGGCTGAACTTTCTAATAGTGGATTTTCGTATCGACGATGTGAAGGAAC
TTGACAATGAGTATGTCAAGCAATTTAATAGCCTGTGGGCAAAGCGTTTAGCATTCG
GTCGTAAGCGCTCGTTCTTCCGCGTGTCCGGTCATGTATCGAAACACTAA