

Table S1 Oligonucleotides used in this study (5'→3')

Oligonucleotide	Sequence
araAUP	ctgactcattaaggacacgacaatgacgattttgataatattccggggatccgctgacc
araADO	gcaatccgttcaccaattaacgtttgaaccgtaatacagtgtaggctggagctgcttc
araA-E1	tgcgacgtactgaatcgtcc
araA-E2	accaccacatcctcgtcagc
xylAUP	cgtttacttgccgtcttatctgattatggagctcactatgattccggggatccgctgacc
xylADO	ggccgggctaacgcggagtcgcccggtagatagggtattgtgtaggctggagctgcttc
xylA-E1	aattcatcacagcaaacgg
xylA-E2	caggatagctttacacccg
PLtetO-araE-UP	tgggttaacttaatccatatattgttaaataatagctataggcttaccgcttactgtc
PLtetO-araE-DO	ttaatagagaccatatttctgccacaacagagtaagacgtgctcagtatctctatcactgatag
araEUP	ttcaggctatgtcttactctgttggcaggaaaatgattccggggatccgctgacc
araEDO	cggataacaggcgtcatccggcatgggaggggggattacagtgtaggctggagctgcttc
araE-E1	tataccatagcggtagatggc
araE-E2	agtcgattcccagctcatc
araCUP	tttgtttctctctgaacatcgggggtagagaaatcatgattccggggatccgctgacc
araCDO	gcttatgacatcttggacacatcattcactttttattgtgtaggctggagctgcttc
araC-E1	tcaatgtggacattccagc
araC-E2	gataaagtgtccagcagtg
hilDUP1	agagcattacaactcagatttttcagtaggataaccagtcatatgaatatcctccttag
hilDUP930	aactacgcatcgacattcataaaaatggcgaaccattaacatatgaatatcctccttag
hilD-lacZUP	tgaacatctgaaaacggcgttctcctgtacgaaggatacaccgctgtttacaacgctg
hilD-lacZDO	gcaaatagttctcagaggaacggatgatgtataaatatgcgtgtaggctggagctgcttc
hilDDO2	gcaaatagttctcagaggaacggatgatgtataaatatggtgtaggctggagctgcttc
hilD-E1	agaccattgccaacacacgc

hilD-E2'	atcatcctcaggctggctcc
pXG10-hilD-UP	gtttttatgcataaggaacattaaaataacatcaac
pXG10-hilD-DO	gtttttgctagcggcaaatagttctcagaggg
pXG10-FOR	ttggaacctcttacgtgcc
pXG10-REV	gcatcaccttcaccctctc
hilDriboprobeUP	atggaaaatgtaacctttgtaag
hilDriboprobeDO	gttttttaatacgactcactatagggaggatatacgaaatccatgtggc
rnpBriboprobeUP	gaagaagtgaaactgaccgataagc
rnpBriboprobeDO	taatacgactcactataggccgaagctgaccagacagtcg