

Table S2. Primers use in this study

Primer name	Sequence
motA_up_fwd	5'-ggagaactgaagaaacattggcgg
motA_up_rev	5'-cctatcacctcaaatggttcgctggacgctcaatgccacaaaagcaaga
motA_down_fwd	5'-cgagcgcctacgaggaatttgatcggcagaacaaggagaggcgcaaaatg
motA_down_rev	5'-cgcctctcggcaaaatgagaacttc
mcpA_up_fwd	5'-caagtggtgaaagggctgg
mcpA_up_rev	5'-gagaacaacctgcaccattgcaaga gatcttgtttatgagttggag
mcpA_down_fwd	5'-gggatcaactttgggagagagttc cgggatatgaccaaacgatt
mcpA_down_rev	5'-agccttctttccgattttga
mcpB_up_fwd	5'-cggatcaaattcaggattctta
mcpB_up_rev	5'-gagaacaacctgcaccattgcaaga cttcagccaattgataaaagtc
mcpB_down_fwd	5'-gggatcaactttgggagagagttc gcgcatatggcagaagagc
mcpB_down_rev	5'-gacaattgtttgcctttattgg
tlpA_up_fwd	5'-caacggaatcgctgaccaaac
tlpA_up_rev	5'-gagaacaacctgcaccattgcaaga gatctgcaatagtggtgagt
tlpA_down_fwd	5'-gggatcaactttgggagagagttc ctgacgcttgaagaatgtctg
tlpA_down_rev	5'-ctgaacctctttgtctgctg
tlpB_up_fwd	5'-gttaaagaagcggagcaagtc
tlpB_up_rev	5'-gagaacaacctgcaccattgcaaga gctgtttgatccattgtatgaat
tlpB_down_fwd	5'-gggatcaactttgggagagagttc gaagaactcaggacattacg
tlpB_down_rev	5'-cattaatacaagctcggcgtg
tlpC_up_fwd	5'-agaagtgatccagcaaaagcctgac
tlpC_up_rev	5'-cttgataataagggttaactattgcctaagcatcacagtccaactgatgc
tlpC_down_fwd	5'-gggtaactagcctcgccgggtccacgaggagcttaccggtatcataagcca
tlpC_down_rev	5'-tttcgctgtgcctcaaaggaaatgg
yvaQ_up_fwd	5'-atccgcaagcatctgaaggctatc
yvaQ_up_rev	5'-cttgataataagggttaactattgccaggctgaattgcggaatcgtc
yvaQ_down_fwd	5'-gggtaactagcctcgccgggtccacgtgaagagcttgagcagctggccaat
yvaQ_down_rev	5'-gggaagagggtcaatgaacgtgcttg
yfmS_up_fwd	5'-gcgatcatctcattaccggttct
yfmS_up_rev	5'-cctatcacctcaaatggttcgctgtttggccggtatattcacgagcag
yfmS_down_fwd	5'-cgagcgcctacgaggaatttgatcgttgcgaaaatggccgaaaaagcgt
yfmS_down_rev	5'-gaaatatctatcgtgcgtcaccagc
yoaH_up_fwd	5'-catgtaatccggacttctccccatc
yoaH_up_rev	5'-cctatcacctcaaatggttcgctgcatgtgtcgtttcccttccgcac
yoaH_down_fwd	5'-cgagcctacgaggaatttgatcgggaaatctcctatgccgcagaatc
yoaH_down_rev	5'-gcatgaataacctgccaacagacag
hemAT_up_fwd	5'-tccaccaagatctagtacgatcg
hemAT_up_rev	5'-cctatcacctcaaatggttcgctgctcagcatctccaacctgaccatt
hemAT_down_fwd	5'-cgagcgcctacgaggaatttgatcggcgttgattcgtgtcatcctgac
hemAT_down_rev	5'-gggcgatgtttcggcagtagatgaa