

Table S1. Primers used in the cloning experiments in this study

Primer	Sequence, 5' to 3'
ahpC1-0	GTTGTTGGACGCACTTGATCTC
ahpC1-1	AGCTTCACCTCGATTCAGGAAC
ahpC1-2	GAGCTTAAATTCAGTGGCTTAGTATGC TGTAGCTGCAAATGGTT
ahpC1-3	AACCATTTGCAGCTACAGCATACTAAG CCACTGAATTTAAGCTC
ahpC1-4	GAGTGAAATGAACACTTCAACATCC
ahpC1-5	CTTGGTACTGCCATGATGTCAC
ahpC2-0	CATCTAACTCACCATGACGCAG
ahpC2-1	CACCTCTTGGACGAGGTCAC
ahpC2-2	CTGCGTGCTCAGATAGGAACTCACCGT TACCTAGAACAGCTG
ahpC2-3	CAGCTGTTCTAGGTAACGGTGAGTTCC TATCTGAGCACGCAG
ahpC2-4	TCAGTACGCCAAGCACCCTC
ahpC2-5	CGAGACCAGAAGTCAGAATACG
ahpC1-salI	ACGCGTCGACGTTGTTGGACGCACTTG ATCTC
ahpC1-sphI	ACATGCATGCGCAGAAGGTCGTCAAGG TATC
ahpC2-salI	ACGCGTCGACCACCTCTTGGACGAGGT CAC
ahpC2-sphI	ACATGCATGCTCAGTACGCCAAGCACC ACTC