

Table S1. Primers used in this study

Primer	Sequence (5' to 3')
5-NdeI- <i>Cthpf</i> -125-F	GGTGGT <u>CATATG</u> CAAGTACAGGTTTCATGC
3-SapI- <i>Cthpf</i> -125-R	GGTGGTTGCTCTT <u>CCG</u> CAAGCCACGGCGGCATTCT
5-NdeI- <i>Cthpf</i> -119-F	GGTGGT <u>CATATG</u> AATTTGACGATTAGCGG
3-SapI- <i>Cthpf</i> -119-R	GGTGGTTGCTCTT <u>CCG</u> CAAGCTGACACCTGCGCCAGCT
3-SapI- <i>Cthpf</i> -125(Δ 106-125)-R	GGTGGTTGCTCTT <u>CCG</u> CACTTGTCTTGAGCTTGCCCA
<i>Cthpf</i> -125(Δ 50-55)-1	TGCCCTGGGCAAACGCTGTGTTCTC
<i>Cthpf</i> -125(Δ 50-55)-2	CGTTTGCCCAAGGGCATCAACGCCCGT
5- <i>Ecgst</i> -F	AAGGAGATATACCAATGATGAAATTGTTCTACAAACC
3- <i>Ecgst</i> (1-193)-R	GGATTAGTTATTCATTAGTCTTGTACTTCCGGACGTTT
T7pRQ-SD primer (Pureflex 1.0)	GAAATTAATACGACTCACTATAGGGAGACCACAACGGTTTCCCTCTAGAAATAATTTTGTTTAACTTTAAGAAGGAGAT
<i>Cthpf</i> -125-Up-tet-F	GAGGATTTGCTAAGTGATGAAATACTGA
<i>Cthpf</i> -125-Down-tet-R	AACGCTTCATCTGTTATAAAAAAAGGAT
Sall- <i>Cthpf</i> -125-Up-F	GATCGTTCGACCCGGCGAAATCTGGATTC
tet- <i>Cthpf</i> -125-Up-R	TCATCACTTAGCAAATCCTCCTAGTCA
tet- <i>Cthpf</i> -125-down-F	TTTATAACAGATGAAGCGTTTTTGGCTTC
BglII- <i>Cthpf</i> -125-Down-R	CGAGATCTGCAACGATACCGCCATCAC
del-F	GATGATTGAGGTCAGCCCTG
del-R	GTCTGCTTCGAAGTGATAGG