Supplementary File S2. Primer sequences for the genes *chuA, YjaA, TspE4C2*, *Acek*/*ArpA1*, *ArpAgpE*, *trpAgpC*, and *trpBA*, together with the size of the amplification product and the positive control.

PCR reaction	Gene	Sequence	Size (bp)	Pairing temperature (°C)	Positive control
Quadruplex	*chuA*	for 5' ATGGTACCGGACGAACCAAC rev 5' TGCCGCCAGTACCAAAGACA	288	59	ECOR70, EDL933, ECOR31, ECOR60
	yjaA	for 5' CAAACGTGAAGTGTCAGGAG rev 5' AATGCGTTCCTCAACCTGTG	211		
	TspE4.C2	for 5' CACTATTCGTAAGGTCATCC rev 5' AGTTTATCGCTGCGGGTCGC	152		
	arpAgpE	for 5' AACGCTATTCGCCAGCTTGC rev 5' TCTCCCCATACCGTACGCTA	400		
Group E	*arpAgpC*	for 5' GATTCCATCTTGTCAAAATATGCC rev 5' GAAAAGAAAAAGAATTCCCAAGAG	301	59	EDL933, ECOR31
Group C	*trpAgpC*	for 5' AGTTTTATGCCCAGTGCGAG rev 5' TCTGCGCCGGTCACGCCC	219	57	ECOR70
Internal control	*trpBA*	for 5' CGGCGATAAAGACATCTTCAC rev 5' GCAACGCGGCCTGGCGGAAG	489	-	-