

<i>Primer name</i>	<i>Sequence 5'- 3'</i>	<i>PCR conditions</i>
P1- Rv	Fam-AGCCTGGCCGAAAGAAAGAAAT	Annealing temperature 60°C (30 cycles) + 5% DMSO
P2- Fw ¹¹	Fam-GAACGGGGCTCGAAGGGTCCTTGAGCCG	Annealing temperature 60°C (30 cycles) + 5% DMSO
P3R ¹¹	TACGCATCCCAGTTTGAGACG	Annealing temperature 60°C (30 cycles) + 5% DMSO
P4-CTG-Fw ¹¹	TACGCATCCCAGTTTGAGACGTGCTGCTGCTGCTGCT	Annealing temperature 60°C (30 cycles) + 5% DMSO
P4-CAG-Rv ¹¹	TACGCATCCCAGTTTGAGACGCAGCAGCAGCAGCA	Annealing temperature 60°C (30 cycles) + 5% DMSO
P4hex1 ⁴	TACGCATCCCAGTTTGAGACGTGCCGCTGCCGCTGCC	Annealing temperature 60°C (30 cycles) + 5% DMSO
P4-CTC ⁴	TACGCATCCCAGTTTGAGACGTGCTGCTGCTGCTGCTC	Annealing temperature 60°C (30 cycles) + 5% DMSO
P4-CC ⁴	TACGCATCCCAGTTTGAGACGTGCTGCTGCTGCTGCC	Annealing temperature 60°C (30 cycles) + 5% DMSO
<i>DMPKEx15-Fw (LR-PCR)</i>	TTTCCTGCTCCTGTTCG	Annealing temperature 56°C (40 cycles) + 5% DMSO
<i>DMK1111-Rv (LR-PCR)</i> ¹⁰	TGTCGGGGTCTCAGTGCATCCA	Annealing temperature 56°C (40 cycles) + 5% DMSO

Table S1

List of primer sequences and PCR conditions utilized in this study.