

Table S2: List of primers.

#	Name	Product	Sequence	T <sub>M</sub>	Site
1	PGTH1 fw	PGTH1	GATAGGGCCCCAAACATTTGCTCCCCCTAGTCTC	71	Apal
2	PGTH1 back	PGTH1/PGTH1-s	GATACCTGCAGGAAGGGTGAATTTAAGGATCTTTA	70	Sbfl
3	PGTH1-858 fw	PGTH1-s858	GATAGGGCCCCGGAATCTGTATTGTTAGAAAGAACGAGA	71	Apal
4	PGTH1-663 fw	PGTH1-s663	GATAGGGCCCCATATTCAGTAGGTGTTTCTTGCA	69	Apal
5	PGTH1-492 fw	PGTH1-s492	GATAGGGCCCCGAGATAGACTTCAAGATCTCAGC	69	Apal
6	PGTH1-371 fw	PGTH1-s371	GATAGGGCCCCGACCCGTTTTCTGACAAAT	70	Apal
7	PGTH1-328 fw	PGTH1-s328	GATAGGGCCCCGGATAAGAGAATTTTGTGTTGATTA	70	Apal
8	PGTH1-283 fw	PGTH1-s283	GATAGGGCCCCGCTGCTCCATATTTTCCGC	71	Apal
9	PGTH1-211 fw	PGTH1-s211	GATAGGGCCCCGGTGGATTAATTAATAC	68	Apal
10	PGTH1-66 fw	PGTH1-s66	GATAGGGCCCCGTGTTAGATGATGCACTGGATG	68	Apal
11	PGTH1-Δ1 fw	PGTH1-Δ1	GAAAACAGCTTGAACTTTCAAAGGTTCTGTTGCTATACACGAA	69	-
12	PGTH1-Δ1 bw	PGTH1-Δ1	GTTCTGTATAGCAACAGAACCCTTGAAGTCAAGCTGTTTTCACACGGCC	68	-
13	PGTH1-Δ2 fw	PGTH1-Δ2	GTAGGTGTTTCTTGCACTTTGCACTCCAATAGCGGTTTCATATGC	67	-
14	PGTH1-Δ2 bw	PGTH1-Δ2	GCATATGAAACGCGCTATTGTCATGCAAAAGTGCAAGAAACACCTA	68	-
15	PGTH1-Δ3 fw	PGTH1-Δ3	CGCGTTTCATATGCGCTGCGCAAAATGCTGTAAGATTTC	68	-
16	PGTH1-Δ3 bw	PGTH1-Δ3	CAAACTTACAGGCATTTGCG(AAGCGCATATGAAACGCG	65	-
17	PGTH1-Δ4 fw	PGTH1-Δ4	GTCAGCGCAAAATGCCTGGAGCCGTTAGCTGAAGTACAACAC	65	-
18	PGTH1-Δ4 bw	PGTH1-Δ4	CTGTTGACTTCAGCTAACGCTCAGGCATTTGCGCTTGAC	67	-
19	PGTH1-Δ5 fw	PGTH1-Δ5	GGGATTCCTACTATTTGGTATTCTGCATCAAACTCTAATCTAAACCTGAATCT	67	-
20	PGTH1-Δ5 bw	PGTH1-Δ5	GAGATTGAGTTTTAGATTAGAGTTTTGATGTCAGAATACCAAATAGTGGAATCC	68	-
21	PGTH1-Δ6 fw	PGTH1-Δ6	GTTTTCGTGACAAATTAATTTCCAACITTTGTTGATTATCCGTTCCG	65	-
22	PGTH1-Δ6 bw	PGTH1-Δ6	CCGAACGGATAATCAAACAAAACGTTGGAAATTAATTTGTCACGAAAA	68	-
23	PGTH1-Δ7 fw	PGTH1-Δ7	CCGGATAAGAGAATTTTTCGGATAAATGGACGCGCTC	67	-
24	PGTH1-Δ7 bw	PGTH1-Δ7	CAGGCTCCATTTATCCGAACAAATTCCTTATCCGGACAAGAC	68	-
25	PGTH1-Δ8 fw	PGTH1-Δ8	GAATTTGTTTTGATTATCCGTTCCGCGCTGCTCCATATTTTCCG	70	-
26	PGTH1-Δ8 bw	PGTH1-Δ8	CGGAAAATATGGAGCAGGCCCGAACGGATAATCAAACAAAAT	67	-
27	PGTH1-Δ9 fw	PGTH1-Δ9	CGGATAAATGGACGCTGCTATTACCCACCTGGAAGTGCC	68	-
28	PGTH1-Δ9 bw	PGTH1-Δ9	GGCACTTCCAGGTGGGGTAATGAGCAGGCGTCCATTTATCCG	70	-
29	PGTH1-Δ10 fw	PGTH1-Δ10	GCCTGCTCCATATTTTCCGGTTA'CCCAGAATTTTCCG	53	-
30	PGTH1-Δ10 bw	PGTH1-Δ10	CGGAAAATCTGGGATAACCGGAAAAATATGGAGCAGG	69	-
31	PGTH1-Δ11 fw	PGTH1-Δ11	TATTACCCACCTGGAAGTGCCGGATAATACGGTGGTCTGGATTAA	67	-
32	PGTH1-Δ11 bw	PGTH1-Δ11	ATTAATCCAGACCACCGTATTATTCGGCACTTCCAGGTGGGTAATA	68	-
33	PGTH1-Δ12 fw	PGTH1-Δ12	CCAGAATTTTCCGGGGATT'GGTCTGGATTAATTAATACGCCAAGT	68	-
34	PGTH1-Δ12 bw	PGTH1-Δ12	GACTTGGCGTATTAATTAATCCAGACCTAATCCCGGAAAATCTGC	65	-
35	PGTH1-ΔTAT14 fw	PGTH1-ΔT14	CAAACTCTAATCTAAACCTGAATCTCCGGATGACCCCGTTTTCTGTGAC	67	-
36	PGTH1-ΔTAT14 bw	PGTH1-ΔT14	GTCACGAAAACGGGGTCACTGCGGAGATT'GAGTTTTAGATTAGAGTTTT	69	-
37	PGTH1-TAT18 fw	PGTH1-T18	CCTGAATCTCCGCTTTTTTTTTTTTTTTTGTGACCCC	70	-
38	PGTH1-TAT18 bw	PGTH1-T18	GGGGGTCATCAAAAAAAAAAAAAAAAAAAGCGGAGATT'GAG	70	-
39	PGTH1-TAT20 fw	PGTH1-T20	CCTGAATCTCCGCTTTTTTTTTTTTTTTTGTGACCCC	70	-
40	PGTH1-TAT20 bw	PGTH1-T20	GGGGGTCATCAAAAAAAAAAAAAAAAAAAGCGGAGATT'GAG	70	-
41	PGTH1-TAT22 fw	PGTH1-T22	CCTGAATCTCCGCTTTTTTTTTTTTTTTTGTGACCCC	70	-
42	PGTH1-TAT22 bw	PGTH1-T22	GGGGGTCATCAAAAAAAAAAAAAAAAAAAGCGGAGATT'GAG	70	-
43	PGTH1-d-472 fw	PGTH1-d1240/-d1427	GATACTGCAGCTCAGGGATCCCACTATTTGGTATT	68	PstI
44	PGTH1-d-188 bw	PGTH1-d1240	GATAGATCTCGTATTAATTAATCCAGACCACC	64	BglII
45	PGTH1-d-1 bw	PGTH1-d1427	GATAGATCTAAGGGTGAATTTAAGGATCTTTA	64	BglII