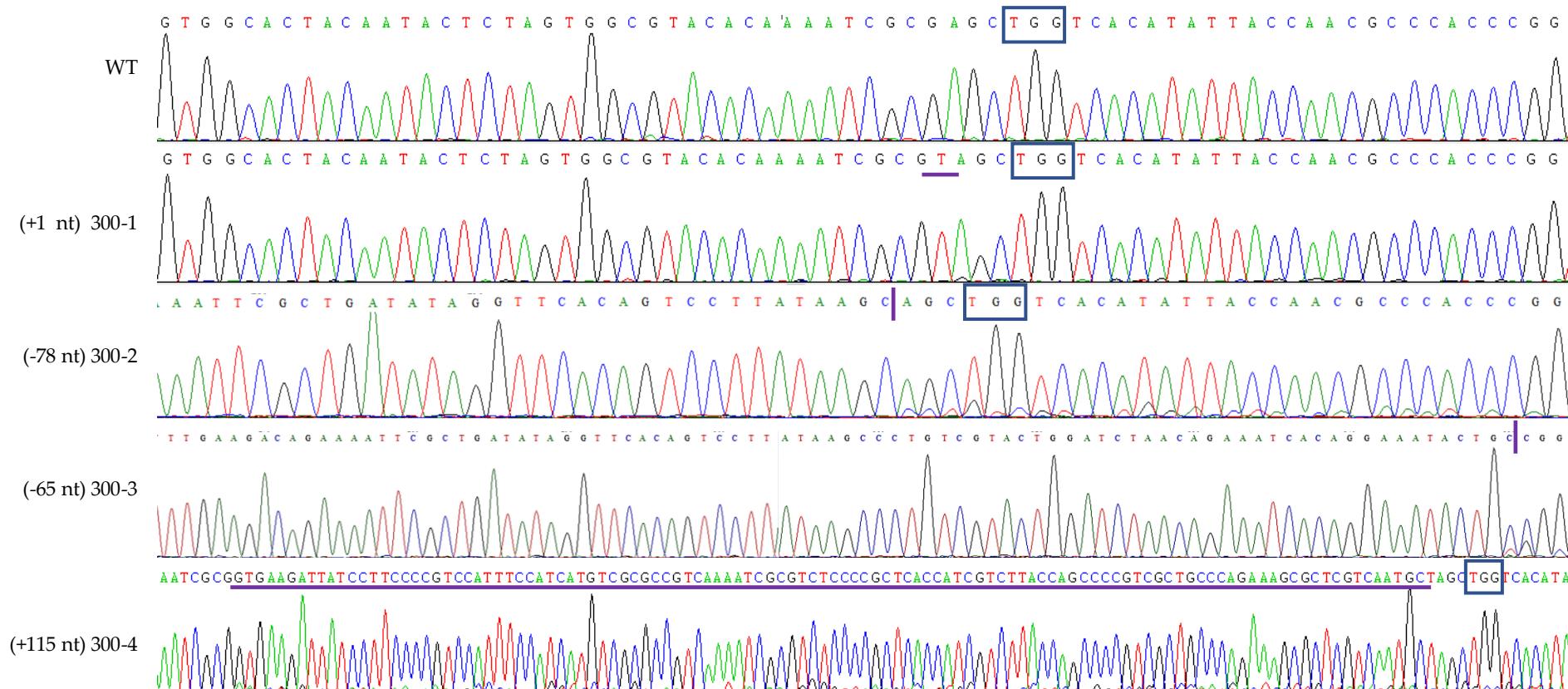


WT	GTGGCACTACAATACTCTAGTGGCGTACACAAAATCGCG-----	-----AGCTGGTCACATATTACCAACGCCACCCGG
(+1 nt) 300-1	GTGGCACTACAATACTCTAGTGGCGTACACAAAATCGCGT-----	-----AGCTGGTCACATATTACCAACGCCACCCGG
(-78 nt) 300-2	AGC-----	-----AGCTGGTCACATATTACCAACGCCACCCGG
(-65 nt) 300-3	G-----	-----CCGG
(+115 nt) 300-4	GTGGCACTACAATACTCTAGTGGCGTACACAAAATCGCGTGAAGATTATCCTCCCCGTCATTCATCATGCGCGTCAAAATCGCGTCTCCCCGTCACCATGCTTACCAAGCCCCGTCGTGCCAGAAAGCGCTGTCATGCTAGCTGGTCACATACTACCA	



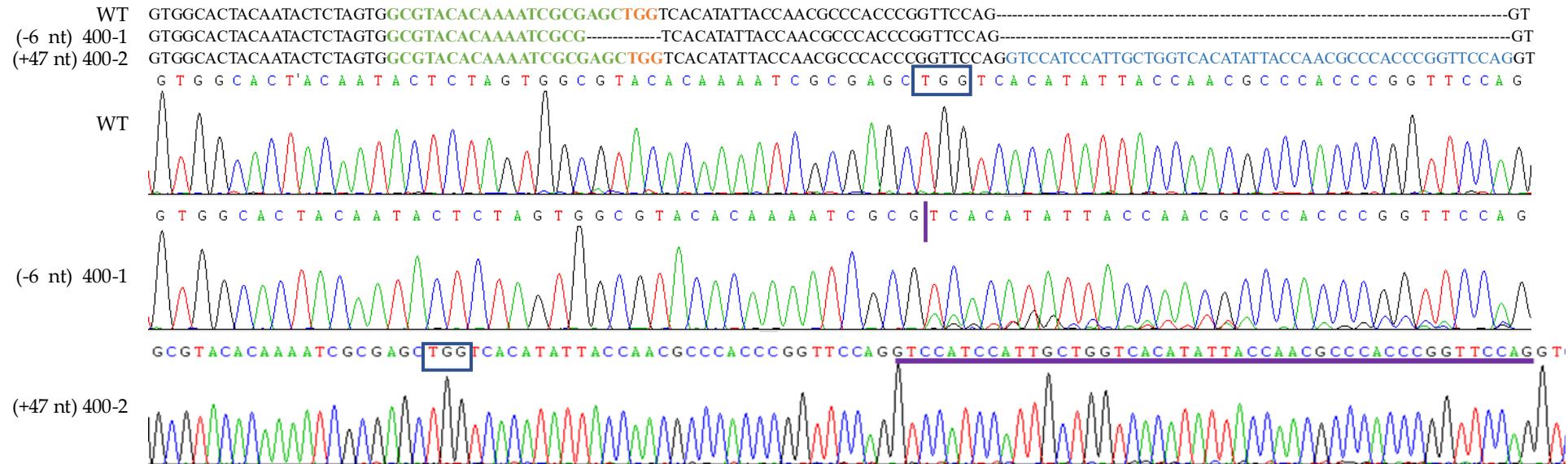


Figure S1. Chromatogram and alignment of *pyrG* sequences and corresponding mutants.