

S5 Table. Putative E2 binding site sequences and locations on TmPV 1 along with the location and distance of the nearest putative G4 sequence.

Region	Sequence	Genomic Position	Genomic Position of Nearest Upstream G4 (Distance)	Nearest Upstream G4 Sequence	Genomic Position of Nearest Downstream G4 (Distance)	Nearest Downstream G4 Sequence
NCR	ACCC CATGG CGGT	7203	6851 (-352)	CCTCGTCCAGG CACCTCTACCT CTACCCC	7215 (+12)	CCCCCGCGGCACC TCACC
NCR	ACCG CCTT CGGT*	7276	7215 (-61)	CCCCCGCGGCA CCTCACC	7355 (+79)	CCTTCAACCTGGC ATCCCTCCACCTCC GACC
NCR	ACCG TCTCG GGT	7383	7355 (-28)	CCTTCAACCTG GCATCCCTCCA CCTCCGACC	-	
NCR	ACCT AATGA GGT	7436	7355 (-81)	CCTTCAACCTG GCATCCCTCCA CCTCCGACC	-	
NCR	ACCG GATT AGGT	7585	7355 (-230)	CCTTCAACCTG GCATCCCTCCA CCTCCGACC	-	

*Conservative search sequence ACCGNNNNCGGT; Variable nucleotide positions are highlighted in red bold.