

**Table S4.** Base-pairing in the ITS2 RNA secondary structures and the conserved terminal loop sequences of the European (EU191041) and Whetzel (MH854847) isolates of *R. tuliparum* with respect to the Washington isolate (KX767078).

	<b>Mutation in Helix I</b>	<b>Effect on helix I</b>	<b>Mutation in Helix II</b>	<b>Effect on helix II</b>	<b>Mutation in Helix III</b>	<b>Effect on helix III</b>	<b>Mutation in Helix IV</b>	<b>Effect on helix IV</b>
EU191041 (European)	None	No change	None	No change	C → A (In the loop region)	Gain of an A-U base pair	None	No change
MH854847 (Whetzel)	None	No change	G → C	Loss of a C-G base pair	C → A (In the loop region)	Gain of an A-U base pair	G → A	Loss of a C-G base pair
					A → C (pseudoknot- forming region)	Loss of an A-U base pair needed to form pseudoknot		
					C → G	Loss of a C- G base pair		