

Table S8 Top five repeat families shared between the *P. tritici-repentis* reference genome and resequenced pathogenic and non-pathogenic isolates

	Reference family	Repeat class	Annotation*
Pathogenic - DW7-ToxB	8	DNA transposon	<i>hAT</i> superfamily; similar to Tfo1 from <i>F. oxysporum</i>
	63	DNA transposon	<i>hAT</i> superfamily; similar to Restless
	105	DNA transposon	<i>Tc1/Mariner</i> superfamily
	49	DNA transposon	<i>Tc1/Mariner</i> superfamily; similar to Molly from <i>S. nodorum</i>
	619	DNA transposon	<i>hAT</i> superfamily; similar to Restless
Non-pathogenic- SD20-NP	26	Non-LTR retrotransposon	similar to Tad1 of <i>Blumeria</i>
	27	Non-LTR retrotransposon	similar to Tad1 of <i>Blumeria</i>
	238	Non-LTR retrotransposon	similar to Tad1 of <i>Blumeria</i>
	116	unknown	
	293	unknown	

*Repeat annotation performed in Censor