

**Table S13.** TE classes and percentage in *I. pes-caprae*.

<b>TE class</b>	<b>Length of Sequence (bp)</b>	<b>Percentage of the genome (%)</b>
<b>Class I:</b>		
<b>Retroelement</b>	663285122	63.02
<b>LTR Retrotransposon</b>	498532061	47.37
<b>Ty1/Copia</b>	42787321	5.62
<b>Ty3/Gypsy</b>	299204160	39.27
<b>non-LTR Retrotransposon</b>	135175594	12.84
<b>LINE</b>	131793971	17.3
<b>SINE</b>	3381623	0.44
<b>unclassified retroelement</b>	29577467	2.81
<b>Class II:</b>		
<b>DNA Transposon</b>	208341825	19.79
<b>CMC</b>	88553846	8.41
<b>hAT</b>	10596450	1.01
<b>Mutator</b>	7324692	0.7
<b>Tc1/Mariner</b>	1166688	0.11
<b>PIF/Harbinger</b>	2245640	0.21
<b>Other</b>	97287821	9.24
<b>Helitron</b>	3522201	0.33
<b>Tandem Repeats</b>	20230702	1.92
<b>Unkown</b>	13426286	1.28
<b>Total repeat fraction</b>	871626947	83.81