

**Table S10** Statistic of transposon elements in *P. ternata* genome

	<b>Length(M)</b>	<b>% of genome</b>
<b>Total repeat fraction</b>	1,709.41	86.02
<b>Class I: Retroelement</b>	1,437.95	72.36
<b>LTR Retrotransposon</b>	1,243.8	62.59
Ty1/Copia	342.08	17.21
Ty3/Gypsy	722.48	36.36
Other	179.24	9.02
<b>non-LTR Retrotransposon</b>	151.37	7.62
LINE	145.78	7.34
SINE	5.59	0.28
<b>unclassified retroelement</b>	42.78	2.15
<b>Class II: DNA Transposon</b>	216.65	10.9
<b>TIR</b>		
CMC	29.01	1.46
hAT	43.53	2.19
Mutator	43	2.16
Tc1/Mariner	0	0
PIF/Harbinger	2.36	0.12
Other	98.75	4.97
<b>Helitron</b>		0
<b>Tandem Repeats</b>	89.36	4.5
<b>Unkown</b>	22.02	1.11