

Supplementary Table 2. Repeat sequences in the GR1 genome

Type	Number	Length (bp)	Rate (%)
LINEs	62,745	44,635,822	5.63
LTRs	105,107	189,842,894	23.96
DNA transposons	8,945	7,350,344	0.93
Rolling circles	1,400	790,627	0.10
Unclassified	697,826	193,499,613	24.42
Total interspersed repeats	-	435,328,673	54.94
Simple repeats	285,128	10,799,255	1.36
Low complexity	38,377	2,925,193	0.37