

**Supplemental Table S4. Summary of HI-C data and anchored scaffolds in gynogenetic BSB.**

Type	Number	Ratio (%)
Unique paired alignments	118,424,006	100.00
Valid interaction pairs	88,531,588	74.76
Dangling end pairs	14,797,644	12.50
Re-ligation pairs	6,460,811	5.46
Self-cycle pairs	630,822	0.53
Dumped pairs	8,003,141	6.76