

Table S5. Statistics of Hi-C mapping

Statistics of mapping	
Clean Paired-end Reads	729088407
Unmapped Paired-end Reads	22529870
Unmapped Paired-end Reads Rate (%)	3.09
Paired-end Reads with Singleton	177948000
Paired-end Reads with Singleton Rate (%)	24.407
Multi Mapped Paired-end Reads	363219551
Multi Mapped Ratio (%)	49.818
Unique Mapped Paired-end Reads	165390986
Unique Mapped Ratio (%)	22.685
Statistics of valid reads	
Dangling End Paired-end Reads	27229075
Dangling End Rate (%)	16.463
Self-Circle Paired-end Reads	110532
Self-Circle Rate (%)	0.067
Dumped Paired-end Reads	48438
Dumped Rate (%)	0.029
Interaction Paired-end Reads	109843412
Interaction Rate (%)	66.414
Lib Valid Paired-end Reads	72024923
Lib Valid Rate (%)	43.548