

Supplementary Table 1: Data statistics for *de novo* assembly of the *S. caffer* genome

Insert Size (bp)	Number of Libraries	Read Length (bp)	Data available after filtration (Gigabases)	Coverage
170	1	100_100	38.81	14.37
500	2	100_100	65.41	24.23
800	2	125_125	77.29	28.63
2,000	3	49_49	28.17	10.43
5,000	2	49_49	14.65	5.42
10,000	2	49_49	18.08	6.70
TOTAL	12	--	242.39	89.78