

Supplementary Table 3. Genome pre-assembly parameter statistics of Bactrian camel

Assembly	HiFi	HiFi+HiC	HiFi+ONT	HiFi+ONT+HiC	HiFi+ONT+HiC (remove duplicates)	Scaffold
Contigs(>=0bp)	234	245	124	216	69	60
Contigs(>=10000bp)	234	245	124	216	69	60
Contigs(>=25000bp)	213	219	116	179	68	60
Contigs(>=50000bp)	155	157	95	102	66	59
Total length(>=0bp)	2473115175	2,474,017,261	2,471,355,187	2,474,637,967	2,446,635,049	2,459,428,745
Total length(>=10000bp)	2,473,115,175	2,474,017,261	2,471,355,187	2,474,637,967	2,446,635,049	2,459,428,745
Total length(>=25000bp)	2,472,647,920	2,473,449,603	2,471,187,345	2,473,859,799	2,446,611,579	2,459,428,745
Total length(>=50000bp)	2,470,698,817	2,471,378,852	2,470,429,659	2,471,409,535	2,446,553,173	2,459,402,589
Largest contig	148,762,109	148,824,578	147,921,850	146,179,879	146,179,879	146,179,879
Total length	2,473,115,175	2,474,017,261	2,471,355,187	2,474,637,967	2,446,635,049	2,459,428,745
GC (%)	41.95	41.95	41.91	42	42	42
N50	61,216,924	61,216,987	67,518,257	71,572,369	71,572,369	78,002,329
N90	11,527,011	11,587,414	25,313,087	25,466,440	27,678,632	30,285,060