

Table S1 The length information of contigs in the samples

Sample	num_contigs	total_length (bp)	min_length	max_length	average_length	N50
GY19	315,183	410,032,067	500	586,408	1,300.90	1,512
GY18	243,265	366,973,050	500	380,845	1,508.50	2,102
MX30	253,281	417,880,646	500	538,863	1,649.90	3,000
GY17	185,547	298,452,916	500	586,408	1,608.50	2,506
GY16	341,225	429,610,306	500	260,279	1,259	1,454
MX11	271,339	398,212,870	500	310,721	1,467.60	2,040
MX12	272,176	306,749,570	500	118,329	1,127	1,214
MX13	318,261	431,362,407	500	351,088	1,355.40	1,642
JG38	308,055	425,897,292	500	416,704	1,382.50	1,804
JG39	241,690	424,392,938	500	465,094	1,755.90	3,462
JG34	303,560	437,117,386	500	369,761	1,440	1,941
JG35	196,607	276,353,066	500	122,127	1,405.60	1,894
JG36	274,649	327,390,427	500	540,926	1,192	1,313
JG37	239,999	342,544,690	500	326,263	1,427.30	1,835
JG31	314,032	431,474,129	500	500,014	1,374	1,689
JG32	211,474	348,645,635	500	419,917	1,648.60	2,699
JG33	182,003	336,115,318	500	510,546	1,846.80	3,851
GY24	157,632	281,201,470	500	511,852	1,783.90	3,637
GY25	274,722	445,395,133	500	427,346	1,621.30	2,546
GY22	266,322	410,811,317	500	627,941	1,542.50	2,323
GY23	322,233	434,843,833	500	715,911	1,349.50	1,648
GY20	144,471	257,684,977	500	540,600	1,783.60	3,508
GY21	185,325	312,413,329	500	586,408	1,685.80	2,854
MX26	192,556	315,474,580	500	576,161	1,638.40	2,574
KB10	289,882	416,279,249	500	362,389	1,436	1,972
JG40	313,529	416,935,704	500	342,542	1,329.80	1,588
MX29	266,433	413,814,626	500	442,016	1,553.20	2,321
MX28	240,155	298,752,521	500	103,175	1,244	1,447
KB8	282,708	348,856,441	500	261,409	1,234	1,395
KB9	263,688	396,180,880	500	369,893	1,502.50	2,164
KB2	224,818	292,199,669	500	360,984	1,299.70	1,541
KB3	236,270	317,354,069	500	375,121	1,343.20	1,647
KB1	222,176	365,137,153	500	481,388	1,643.50	2,780
KB6	295,462	430,237,669	500	447,199	1,456.20	1,933
KB7	307,823	435,730,212	500	726,201	1,415.50	1,810
KB4	253,742	319,857,749	500	333,838	1,260.60	1,439
KB5	243,325	420,021,602	500	644,023	1,726.20	3,190
MX27	248,800	362,149,015	500	225,720	1,455.60	2,033
MX14	332,493	480,108,890	500	717,847	1,444	1,856
MX15	282,679	444,832,059	500	511,858	1,573.60	2,442