

**Table S2.** Summary of the total, multiple, and uniquely mapped reads obtained from each sample.

Sample	Total Reads	Mapped Reads	Uniq Mapped Reads	Multiple Map Reads	Read1_map	Read2_map
CT1	47231216	40416878 (85.57%)	39169498 (82.93%)	1247380 (2.64%)	19611207 (41.52%)	19558291 (41.41%)
CT2	41509158	34267385 (82.55%)	33283565 (80.18%)	983820 (2.37%)	16676547 (40.18%)	16607018 (40.01%)
CT3	51776016	46348393 (89.52%)	44649475 (86.24%)	1698918 (3.28%)	22421853 (43.31%)	22227622 (42.93%)
MT1	46251992	40048879 (86.59%)	38880403 (84.06%)	1168476 (2.53%)	19484284 (42.13%)	19396119 (41.94%)
MT2	46880808	41270588 (88.03%)	40066746 (85.47%)	1203842 (2.57%)	20073585 (42.82%)	19993161 (42.65%)
MT3	42366370	38011524 (89.72%)	36902316 (87.1%)	1109208 (2.62%)	18477992 (43.61%)	18424324 (43.49%)