

Additional file 1 Information regarding the sequence data.

Amur tiger metagenome	
Raw data	
Total of reads	248,805,914
Total bp	37.32G
Valid Data	
Total of reads	229,366,156
Total bp	32.39G
Valid%	92.19%
Q20%	97.99
Q30%	94.06
GC%	43.84

Valid Data: cutadapt 1.9 remove sequencing connector; fqtrim 0.94 remove low-quality bases; FastQC 0.10.1 data quality control statistics; bowtie2 2.2.0 remove host pollution.