

Sample	Total	rRNA-filtered	BWA-Mapped	BWA_Others		Totally Mapped	Totally Used
				Total	HISAT2_Mapped	HISAT2_Unique	
N4DAG.1	49,565,707	49,565,707 (100.00%)	17,044,862 (34.39%)	35,287,860 (71.19%)	28,886,338 (81.86%)	4,349,102 (15.06%)	45,931,200 (92.67%) 21,393,964 (46.58%)
N4DAG.2	42,976,826	42,976,826 (100.00%)	17,103,499 (39.80%)	31,220,523 (72.65%)	20,964,092 (67.15%)	3,143,385 (14.99%)	38,067,591 (88.58%) 20,246,884 (53.19%)

rRNA-filtered: the retained reads after the reads from rRNA were filtered.  
 BWA-Mapped: BWA-mapped read with MAPQ >= 20.  
 BWA\_Others: the read with MAPQ < 20 in BWA mapping. These reads were mapped again by HISAT2.  
 HISAT2\_Unique: HISAT2-mapped with the tag NH:i:1  
 Totally Mapped: sum of BWA-Mapped and HISAT2-mapped.  
 Totally Used: sum of BWA-Mapped and HISAT2\_Unique. These reads were used for subsequent analysis.