Table S2 Information summary of the metatranscriptome data

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sample | AC-H-T | AC-W-T | PV-H-T | PV-W-T | PM-H-T | PM-W-T |
| Total number of raw reads | 158887076 | 171242874 | 174244492 | 165831380 | 226287608 | 176603442 |
| Clean Reads | 156621060 | 168114536 | 172590682 | 163662908 | 223151970 | 173752768 |
| Ratio of Reads (%) | 98.57 | 98.17 | 99.05 | 98.69 | 98.61 | 98.39 |
| Total assembled contigs | 674156 | 1127523 | 587046 | 654031 | 920069 | 699075 |
| Average contig length (bp) | 361.64  | 260.92  | 374.41  | 329.94  | 314.04  | 326.64  |
| Average (G + C)s% content of assembled contigs (%) | 42.80  | 43.56  | 43.55  | 39.00  | 41.47  | 38.69  |
| Total number of genes encoding in the contigs | 2395366 |