Supplementary Material

**The mushroom body development and learning ability of adult honeybees are influenced by cold exposure during their early pupal stage**

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Table S1 The statistics of the transcriptome data of the head of early pupae worker bees exposed to low temperature

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sample code | Raw reads | Clean reads | Q20 (%) | Q30 (%) |
| Control -1 | 43816038 | 43691714 | 97.48 | 93.28 |
| Control -2 | 41521488 | 41392148 | 97.42 | 93.20 |
| Control -3 | 45446176 | 45290538 | 97.65 | 93.61 |
| T24-1 | 59242490 | 59054752 | 97.51 | 93.32 |
| T24-2 | 44436722 | 44281834 | 97.42 | 93.20 |
| T24-3 | 36143500 | 36017996 | 97.64 | 93.70 |
| T48-1 | 42795954 | 43633244 | 97.56 | 93.34 |
| T48-2 | 38622776 | 38543152 | 97.76 | 93.72 |
| T48-3 | 43782086 | 43637842 | 97.62 | 93.41 |

T:Treatment group, the number indicates the duration of the processing. Q20 indicates the number of bases whose sequencing base quality value reaches above Q20 level and its percentage in RawData. The Q20 base sequencing error rate is 1% the Q30 base sequencing error rate is 0.1%.

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