

Table S1. Quality of heart transcriptome in thermal stress group (35 °C) (TSG) and the control group (25 °C) (CG).

| Treatment | Raw Reads (M) | Clean Reads (M) | Clean Data (G) | Q20 (%) | Q30 (%) | GC percentage (%) |
|------------------|------------------------------|--------------------------------|-------------------------------|--------------------|--------------------|----------------------------------|
| CG1 | 37739232 | 37336290 | 5576273718 | 96.93 | 91.90 | 39.42 |
| CG2 | 40688798 | 40316948 | 6022836398 | 97.18 | 92.48 | 40.31 |
| CG3 | 44844662 | 44510572 | 6651632391 | 96.85 | 91.67 | 38.54 |
| CG4 | 47721246 | 47353040 | 7080497194 | 96.82 | 91.68 | 41.50 |
| CG5 | 42267436 | 42000310 | 6273802875 | 97.13 | 92.28 | 41.65 |
| TSG1 | 44149150 | 43791428 | 6536141490 | 97.08 | 92.33 | 42.67 |
| TSG2 | 55735458 | 55487070 | 8283779447 | 97.56 | 93.07 | 43.32 |
| TSG3 | 39262404 | 39129418 | 5840460559 | 98.14 | 94.31 | 40.21 |
| TSG4 | 39478918 | 39306088 | 5864705086 | 97.69 | 93.34 | 43.01 |
| TSG5 | 38695312 | 38520794 | 5750809263 | 97.46 | 92.83 | 43.95 |