**Table 1. The real time PCR primers of 23 *Hsp70* gene family**

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| No | Gene ID | Primers sequences | **Tm** |
| 1 | Solyc04g011440 | **Forward** CTGGAGACTGCTGGAGGTGT  **Reverse** TTGGTGCTGGAGGAATGCCA | 61.19  62.08 |
| 2 | Solyc03g082920 | **Forward** TGGACGACAACCAGAGTGCT  **Reverse** GGGTTGCACACTGCCTCAAC | 61.40  62.08 |
| 3 | Solyc03g117630 | **Forward** AGGGTATCCCTCCAGCACCA  **Reverse** GCCGACACGTTGAGAATGCC | 62.19  62.24 |
| 4 | Solyc07g005820 | **Forward** TCAGGTCCAGGTGACAAGCC  **Reverse** AGCTGGAACCGTTACGACCG | 61.77  62.48 |
| 5 | Solyc08g082820 | **Forward** AGCTGAGCGTGCCAAGAGAT  **Reverse** GCACGGGTCAGTGGTTCAGA | 61.90  62.38 |
| 6 | Solyc01g106210 | **Forward** TTGGAGAGCACATGGCTGGT  **Reverse** TGCCTCTGGTGGCTGATCTC | 61.78  61.62 |
| 7 | Solyc01g103450 | **Forward** AGGCTGTTGTCACGGTTCCT  **Reverse** GCAATGCGACCTGCATCCTT | 61.70  61.66 |
| 8 | Solyc03g117620 | **Forward** AGAGCGAGGTTGCAGGCAT  **Reverse** ACACCTGGTTGATTGTCCGAGT | 61.96  61.87 |
| 9 | Solyc09g010630 | **Forward** GCCTGAGGCAGACAGGAAGA  **Reverse** GACTCAGCAAGCTGGTTGGC | 61.55  61.86 |
| 10 | Solyc12g043120 | **Forward** TCAGTGAACTGCAGGCGTCA  **Reverse** TGCGGACTCAACCGAGACAA | 62.03  61.74 |
| 11 | Solyc12g043110 | **Forward** AGCCAGCTAAGCCAGCAACT  **Reverse** TGGCTCAGCAGCAAGTGGTA | 62.13  61.77 |
| 12 | Solyc02g080470 | **Forward** GGGCACAAGCAACACGACAT  **Reverse** TCTCGAAGCCACTGCTCTGC | 61.80  62.50 |
| 13 | Solyc11g066060 | **Forward** ACCGTGTTTGATGCCAAGCG  **Reverse** ATTGGCTTGTCACCAGGTCCA | 62.13  61.95 |
| 14 | Solyc06g076020 | **Forward** TGAGGATGCCGTCGATCAGG  **Reverse** GTCCTGCACTGCTACCACCA | 61.74  62.11 |
| 15 | Solyc09g075950 | **Forward** CTCAGCGTGCTCCTATGCCT  **Reverse** AGAGCTTGAGCAGACCAGCC | 62.03  62.18 |
| 16 | Solyc08g079170 | **Forward** TAACCGCGCTGCTGTCTACT  **Reverse** AAGGCAGTTCCCTTGCGAGT | 61.59  62.06 |
| 17 | Solyc10g086410 | **Forward** TGGTAACCAGCTCGCTGAGG  **Reverse** GTCACCACCTGCTCCTTGGT | 61.89  62.06 |
| 18 | Solyc11g066100 | **Forward** ACCAACTTGCAGAGGCCGAT  **Reverse** CTCCACCAGCACCACCTTGA | 62.13  62.06 |
| 19 | Solyc07g043560 | **Forward** GCTCTTGGATTGGCGGAAGC  **Reverse** TGCAACGCTGCACCAGAATG | 62.00  62.13 |
| 20 | Solyc01g099660 | **Forward** ACGCTGTCATCACCGTTCCA  **Reverse** AGGCTATAGCAGCCGCAGTC | 62.09  62.09 |
| 21 | Solyc11g020040 | **Forward** ATGAGCCCACTGCTGCTTCA  **Reverse** CCCAAGTGTGTGTCCCCTGA | 62.13  61.71 |
| 22 | Solyc01g106260 | **Forward** AGCAGCAATGGGAGCTGAGA  **Reverse** CCACTTGAGGCACCACCAGA | 61.56  62.06 |
| 23 | Solyc06g052050 | **Forward** AGAAGGCTATGGAGGACGCC  **Reverse** AGCAACTGCTTCGTCAGGGT | 61.40  62.04 |
| 24 | **β-actin** | **Forward** TGTGATGGTGGGAATGGGTCAG  **Reverse** TTTGATGTCACGCACGATTTCC | 59  58 |

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