Table S1 **Raw data of expression levels of 36 *CmHsf* genes in root, stem, cotyledon and true leaves. The results were calculated via the 2−ΔΔCt method.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gene name | Root | Stdevp | Stem | Stdevp | Cotyledon | Stdevp | True leaves | Stdevp |
| *CmHsf1* | 6.69 | 0.15 | 30.63 | 1.78 | 0.49 | 0.03 | 6.40 | 0.19 |
| *CmHsf2* | 0.32 | 0.10 | 0.37 | 0.01 | 6.20 | 0.35 | 8.18 | 0.39 |
| *CmHsf3* | 0.72 | 0.03 | 1.24 | 0.05 | 1.54 | 0.08 | 1.99 | 0.07 |
| *CmHsf4* | 5.18 | 0.25 | 0.40 | 0.02 | 13.07 | 0.86 | 14.10 | 0.54 |
| *CmHsf5* | 1.40 | 0.06 | 1.23 | 0.06 | 6.65 | 0.26 | 8.34 | 0.43 |
| *CmHsf6* | 1.54 | 0.06 | 1.13 | 0.06 | 2.44 | 0.19 | 2.60 | 0.19 |
| *CmHsf7* | 0.42 | 0.03 | 0.63 | 0.03 | 1.41 | 0.08 | 1.81 | 0.09 |
| *CmHsf8* | 0.20 | 0.01 | 0.24 | 0.01 | 2.16 | 0.16 | 2.82 | 0.12 |
| *CmHsf9* | 7.08 | 0.39 | 8.03 | 0.42 | 2.33 | 0.29 | 1.07 | 0.04 |
| *CmHsf10* | 49.08 | 2.06 | 102.67 | 5.48 | 11.29 | 0.60 | 16.55 | 0.48 |
| *CmHsf11* | 0.01 | 0.00 | 0.08 | 0.03 | 0.23 | 0.02 | 0.32 | 0.01 |
| *CmHsf12* | 0.32 | 0.16 | 1.13 | 0.10 | 2.24 | 0.19 | 3.15 | 0.17 |
| *CmHsf13* | 0.42 | 0.02 | 0.41 | 0.01 | 1.76 | 0.06 | 2.21 | 0.15 |
| *CmHsf14* | 0.23 | 0.02 | 0.50 | 0.03 | 0.61 | 0.03 | 0.83 | 0.03 |
| *CmHsf15* | 0.00 | 0.00 | 0.51 | 0.03 | 3.87 | 0.19 | 5.33 | 0.02 |
| *CmHsf16* | 0.16 | 0.01 | 0.23 | 0.02 | 0.74 | 0.04 | 0.95 | 0.01 |
| *CmHsf17* | 0.46 | 0.02 | 1.99 | 0.19 | 1.72 | 0.07 | 2.65 | 0.14 |
| *CmHsf18* | 0.54 | 0.02 | 0.21 | 0.01 | 4.72 | 0.25 | 6.00 | 0.23 |
| *CmHsf19* | 2.09 | 0.16 | 0.83 | 0.04 | 32.21 | 1.54 | 41.83 | 2.13 |
| *CmHsf20* | 1.19 | 0.05 | 0.00 | 0.00 | 3.87 | 0.16 | 4.37 | 0.20 |
| *CmHsf21* | 1.04 | 0.05 | 1.47 | 0.06 | 0.62 | 0.02 | 0.63 | 0.03 |
| *CmHsf22* | 0.88 | 0.05 | 0.43 | 0.03 | 0.05 | 0.00 | 0.38 | 0.02 |
| *CmHsf23* | 338.25 | 16.46 | 3.38 | 0.19 | 1.31 | 0.06 | 2.63 | 0.05 |
| *CmHsf24* | 0.98 | 0.05 | 0.44 | 0.03 | 0.10 | 0.00 | 0.38 | 0.01 |
| *CmHsf25* | 3.85 | 0.20 | 0.33 | 0.02 | 2.70 | 0.16 | 1.15 | 0.05 |
| *CmHsf26* | 0.78 | 0.03 | 1.12 | 0.05 | 1.25 | 0.65 | 1.52 | 0.08 |
| *CmHsf27* | 0.77 | 0.31 | 1.06 | 0.08 | 1.90 | 0.16 | 2.38 | 0.11 |
| *CmHsf28* | 0.00 | 0.00 | 0.42 | 0.05 | 3.75 | 0.16 | 5.14 | 0.21 |
| *CmHsf29* | 0.79 | 0.04 | 0.59 | 0.03 | 0.50 | 0.26 | 0.34 | 0.01 |
| *CmHsf30* | 0.37 | 0.02 | 0.17 | 0.01 | 1.36 | 0.05 | 1.62 | 0.08 |
| *CmHsf31* | 0.88 | 0.05 | 2.50 | 0.19 | 1.09 | 0.06 | 1.70 | 0.08 |
| *CmHsf32* | 4.05 | 0.15 | 1.54 | 0.08 | 19.78 | 0.60 | 24.18 | 1.25 |
| *CmHsf33* | 0.61 | 0.03 | 0.42 | 0.02 | 0.96 | 0.05 | 1.01 | 0.06 |
| *CmHsf34* | 0.49 | 0.02 | 0.22 | 0.02 | 0.13 | 0.05 | 0.08 | 0.00 |
| *CmHsf35* | 0.32 | 0.01 | 0.25 | 0.13 | 4.83 | 0.25 | 6.30 | 0.45 |
| *CmHsf36* | 0.05 | 0.00 | 0.10 | 0.00 | 3.55 | 0.15 | 4.73 | 1.28 |