|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Group  | Candidate | Cell wall gene | R Square |  *p* - value |
| 1 | *HvCobra1* | *HvCesA1* | 0.81 | 0.000 | \*\*\* |
|   |  | *HvCesA2* | 0.75 | 0.000 | \*\*\* |
|   |  | *HvCesA6* | 0.79 | 0.000 | \*\*\* |
| 1 | *HvCslF6* | *HvCesA1* | 0.84 | 0.000 | \*\*\* |
|   |  | *HvCesA2* | 0.88 | 0.000 | \*\*\* |
|   |  | *HvCesA6* | 0.93 | 0.000 | \*\*\* |
| 1 | *HvCesA9* | *HvCesA1* | 0.91 | 0.000 | \*\*\* |
|   |  | *HvCesA2* | 0.91 | 0.000 | \*\*\* |
|   |  | *HvCesA6* | 0.95 | 0.000 | \*\*\* |
| 2 | *HvGT1* | *HvCesA4* | 0.66 | 0.006 | \*\* |
|   |  | *HvCesA8* | 0.61 | 0.012 | \* |
|   |  | *HvCesA7* | 0.70 | 0.003 | \*\* |
| 2 | *HvChitinase* | *HvCesA4* | 0.75 | 0.001 | \*\*\* |
|   |   | *HvCesA8* | 0.70 | 0.000 | \*\*\* |
|   |   | *HvCesA7* | 0.77 | 0.000 | \*\*\* |
| 1 | *OsCobra1* | *OsCesA8* | 0.94 | 0.000 | \*\*\* |
|   |  | *OsCesA3* | 0.74 | 0.001 | \*\*\* |
|   |  | *OsCesA1* | 0.85 | 0.000 | \*\*\* |
| 1 | *OsCslF6* | *OsCesA8* | 0.73 | 0.001 | \*\*\* |
|   |  | *OsCesA3* | 0.83 | 0.000 | \*\*\* |
|   |  | *OsCesA1* | 0.59 | 0.017 | \* |
| 2 | *OsGT1* | *OsCesA7* | 0.62 | 0.010 | \*\* |
|   |  | *OsCesA9* | 0.65 | 0.007 | \*\* |
|   |  | *OsCesA4* | 0.49 | 0.053 | \* |
| 2 | *OsChitinase1* | *OsCesA7* | n/a | n/a |   |
|   |  | *OsCesA9* | n/a | n/a |   |
|   |   | *OsCesA4* | n/a | n/a |   |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **0.05** | \* |  |  |  |  |
| **0.01** | \*\* |  |  |  |  |
| **0.001** | \*\*\* |  |  |  |  |