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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary Table 11. Jaccard’s similarity coefficient among Hail 1072 landrace accessions based on SRAP data scored.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | H1072-1 | H1072-2 | H1072-3 | H1072-4 | H1072-5 | H1072-6 | H1072-7 | H1072-8 | H1072-9 | H1072-10 | H1072-11 | H1072-12 | H1072-13 | H1072-14 | H1072-15 | H1072-16 | H1072-17 | H1072-18 | H1072-19 | H1072-20 | H1072-21 | H1072-22 | H1072-23 | H1072-24 | H1072-25 | H1072-26 | H1072-27 | H1072-28 | H1072-29 | H1072-30 | H1072-31 |
| H1072-1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-2 | 0.19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-3 | 0.56 | 0.15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-4 | 0.29 | 0.17 | 0.28 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-5 | 0.33 | 0.1 | 0.25 | 0.36 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-6 | 0.29 | 0.08 | 0.28 | 0.47 | 0.46 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-7 | 0.24 | 0.08 | 0.38 | 0.31 | 0.38 | 0.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-8 | 0.35 | 0.11 | 0.19 | 0.38 | 0.36 | 0.38 | 0.21 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-9 | 0.29 | 0.29 | 0.38 | 0.42 | 0.27 | 0.21 | 0.33 | 0.18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-10 | 0.29 | 0.06 | 0.23 | 0.37 | 0.44 | 0.53 | 0.39 | 0.29 | 0.24 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-11 | 0.31 | 0.11 | 0.3 | 0.53 | 0.44 | 0.45 | 0.4 | 0.32 | 0.26 | 0.65 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-12 | 0.4 | 0.07 | 0.33 | 0.44 | 0.54 | 0.53 | 0.47 | 0.36 | 0.38 | 0.59 | 0.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-13 | 0.3 | 0.3 | 0.16 | 0.4 | 0.2 | 0.31 | 0.18 | 0.31 | 0.23 | 0.32 | 0.4 | 0.29 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-14 | 0.38 | 0.11 | 0.38 | 0.56 | 0.47 | 0.47 | 0.42 | 0.33 | 0.35 | 0.6 | 0.84 | 0.61 | 0.35 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-15 | 0.33 | 0.1 | 0.33 | 0.41 | 0.4 | 0.41 | 0.36 | 0.23 | 0.3 | 0.59 | 0.73 | 0.6 | 0.3 | 0.76 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-16 | 0.38 | 0.11 | 0.38 | 0.65 | 0.47 | 0.47 | 0.42 | 0.33 | 0.35 | 0.52 | 0.75 | 0.61 | 0.29 | 0.79 | 0.68 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-17 | 0.29 | 0.1 | 0.33 | 0.35 | 0.27 | 0.41 | 0.36 | 0.17 | 0.3 | 0.59 | 0.58 | 0.45 | 0.3 | 0.61 | 0.54 | 0.48 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-18 | 0.37 | 0.18 | 0.38 | 0.4 | 0.5 | 0.4 | 0.43 | 0.21 | 0.45 | 0.47 | 0.47 | 0.69 | 0.25 | 0.59 | 0.5 | 0.59 | 0.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-19 | 0.15 | 0.11 | 0.19 | 0.13 | 0.25 | 0.2 | 0.31 | 0.08 | 0.3 | 0.22 | 0.19 | 0.36 | 0.06 | 0.26 | 0.29 | 0.26 | 0.23 | 0.42 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-20 | 0.22 | 0.05 | 0.26 | 0.22 | 0.25 | 0.22 | 0.35 | 0.09 | 0.21 | 0.45 | 0.4 | 0.32 | 0.17 | 0.42 | 0.48 | 0.36 | 0.42 | 0.35 | 0.33 |  |  |  |  |  |  |  |  |  |  |  |  |
| H1072-21 | 0.42 | 0.11 | 0.43 | 0.45 | 0.37 | 0.45 | 0.47 | 0.25 | 0.33 | 0.5 | 0.57 | 0.67 | 0.4 | 0.67 | 0.65 | 0.59 | 0.58 | 0.56 | 0.25 | 0.46 |  |  |  |  |  |  |  |  |  |  |  |
| H1072-22 | 0.06 | 0.33 | 0.08 | 0.09 | 0.13 | 0.09 | 0.1 | 0.14 | 0.17 | 0.07 | 0.06 | 0.08 | 0.1 | 0.06 | 0.05 | 0.06 | 0.05 | 0.1 | 0.14 | 0.06 | 0.06 |  |  |  |  |  |  |  |  |  |  |
| H1072-23 | 0.06 | 0.33 | 0.08 | 0.09 | 0.13 | 0.09 | 0.1 | 0.14 | 0.17 | 0.07 | 0.06 | 0.08 | 0.1 | 0.06 | 0.05 | 0.06 | 0.05 | 0.1 | 0.14 | 0.06 | 0.06 | 1 |  |  |  |  |  |  |  |  |  |
| H1072-24 | 0.12 | 0.2 | 0.15 | 0.08 | 0.22 | 0.17 | 0.18 | 0.11 | 0.13 | 0.13 | 0.11 | 0.15 | 0.08 | 0.11 | 0.1 | 0.11 | 0.1 | 0.18 | 0.25 | 0.11 | 0.11 | 0.33 | 0.33 |  |  |  |  |  |  |  |  |
| H1072-25 | 0.17 | 0.08 | 0.15 | 0.22 | 0.19 | 0.38 | 0.24 | 0.13 | 0.06 | 0.44 | 0.32 | 0.21 | 0.31 | 0.33 | 0.29 | 0.22 | 0.35 | 0.17 | 0.13 | 0.33 | 0.32 | 0.09 | 0.09 | 0.17 |  |  |  |  |  |  |  |
| H1072-26 | 0.18 | 0.08 | 0.16 | 0.24 | 0.2 | 0.31 | 0.18 | 0.13 | 0.07 | 0.32 | 0.33 | 0.22 | 0.25 | 0.35 | 0.36 | 0.23 | 0.25 | 0.18 | 0.13 | 0.29 | 0.27 | 0.1 | 0.1 | 0.18 | 0.62 |  |  |  |  |  |  |
| H1072-27 | 0.21 | 0.07 | 0.19 | 0.33 | 0.24 | 0.41 | 0.21 | 0.25 | 0.12 | 0.4 | 0.41 | 0.39 | 0.35 | 0.43 | 0.5 | 0.3 | 0.38 | 0.21 | 0.11 | 0.3 | 0.41 | 0.08 | 0.08 | 0.23 | 0.41 | 0.53 |  |  |  |  |  |
| H1072-28 | 0.17 | 0.08 | 0.15 | 0.29 | 0.19 | 0.29 | 0.24 | 0.29 | 0.13 | 0.37 | 0.32 | 0.21 | 0.4 | 0.33 | 0.35 | 0.22 | 0.35 | 0.11 | 0.06 | 0.4 | 0.32 | 0.09 | 0.09 | 0.08 | 0.47 | 0.4 | 0.6 |  |  |  |  |
| H1072-29 | 0.23 | 0.12 | 0.22 | 0.42 | 0.2 | 0.35 | 0.24 | 0.28 | 0.16 | 0.41 | 0.55 | 0.33 | 0.37 | 0.57 | 0.5 | 0.43 | 0.44 | 0.3 | 0.15 | 0.32 | 0.42 | 0.06 | 0.06 | 0.19 | 0.35 | 0.44 | 0.71 | 0.5 |  |  |  |
| H1072-30 | 0.12 | 0.2 | 0.15 | 0.17 | 0.22 | 0.27 | 0.18 | 0.11 | 0.13 | 0.2 | 0.17 | 0.25 | 0.18 | 0.18 | 0.15 | 0.18 | 0.15 | 0.3 | 0.25 | 0.11 | 0.17 | 0.33 | 0.33 | 0.5 | 0.27 | 0.3 | 0.23 | 0.08 | 0.19 |  |  |
| H1072-31 | 0.28 | 0.25 | 0.27 | 0.5 | 0.25 | 0.38 | 0.21 | 0.4 | 0.3 | 0.29 | 0.39 | 0.36 | 0.42 | 0.41 | 0.29 | 0.41 | 0.29 | 0.42 | 0.17 | 0.14 | 0.32 | 0.14 | 0.14 | 0.25 | 0.2 | 0.21 | 0.33 | 0.2 | 0.44 | 0.43 |  |
| H1072-32 | 0.14 | 0.1 | 0.25 | 0.19 | 0.14 | 0.27 | 0.38 | 0.15 | 0.17 | 0.35 | 0.37 | 0.25 | 0.2 | 0.39 | 0.4 | 0.25 | 0.33 | 0.2 | 0.25 | 0.39 | 0.3 | 0.13 | 0.13 | 0.22 | 0.36 | 0.5 | 0.5 | 0.46 | 0.5 | 0.22 | 0.25 |
| **Min** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.2** | **0.2** | **0.2** | **0.1** | **0.2** | **0.2** | **0.3** |
| **Max** | **0.6** | **0.3** | **0.4** | **0.7** | **0.5** | **0.5** | **0.5** | **0.4** | **0.5** | **0.7** | **0.8** | **0.7** | **0.4** | **0.8** | **0.7** | **0.6** | **0.6** | **0.6** | **0.3** | **0.5** | **0.4** | **1** | **0.3** | **0.5** | **0.6** | **0.5** | **0.7** | **0.5** | **0.5** | **0.4** | **0.3** |
| **Mean** | **0.3** | **0.1** | **0.3** | **0.3** | **0.3** | **0.3** | **0.3** | **0.2** | **0.2** | **0.4** | **0.4** | **0.4** | **0.3** | **0.4** | **0.4** | **0.3** | **0.3** | **0.3** | **0.2** | **0.3** | **0.3** | **0.3** | **0.2** | **0.2** | **0.4** | **0.4** | **0.5** | **0.3** | **0.4** | **0.3** | **0.3** |