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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary Table 6. Jaccard’s similarity coefficient among Hail 548 landrace accessions based on SRAP data scored.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | H548-1 | H548-2 | H548-3 | H548-4 | H548-5 | H548-6 | H548-7 | H548-8 | H548-9 | H548-10 | H548-11 | H548-12 | H548-13 | H548-14 | H548-15 | H548-16 | H548-17 | H548-18 | H548-19 | H548-20 | H548-21 | H548-22 | H548-23 | H548-24 | H548-25 | H548-26 | H548-27 | H548-28 | H548-29 | H548-30 | H548-31 | |
| H548-1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-2 | 0.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-3 | 0.42 | 0.33 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-4 | 0.44 | 0.35 | 0.92 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-5 | 0.39 | 0.22 | 0.69 | 0.75 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-6 | 0.13 | 0.17 | 0.17 | 0.18 | 0.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-7 | 0.37 | 0.28 | 0.44 | 0.47 | 0.4 | 0.18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-8 | 0.32 | 0.38 | 0.47 | 0.5 | 0.43 | 0.2 | 0.75 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-9 | 0.35 | 0.26 | 0.6 | 0.53 | 0.57 | 0.17 | 0.64 | 0.69 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-10 | 0.35 | 0.45 | 0.28 | 0.29 | 0.25 | 0.05 | 0.24 | 0.25 | 0.28 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-11 | 0.35 | 0.26 | 0.5 | 0.53 | 0.47 | 0.17 | 0.53 | 0.47 | 0.6 | 0.45 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-12 | 0.5 | 0.35 | 0.35 | 0.37 | 0.47 | 0.13 | 0.53 | 0.47 | 0.59 | 0.4 | 0.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-13 | 0.13 | 0.17 | 0.08 | 0.08 | 0.09 | 0.33 | 0.18 | 0.2 | 0.17 | 0.05 | 0.08 | 0.13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-14 | 0.48 | 0.41 | 0.29 | 0.3 | 0.32 | 0.11 | 0.43 | 0.38 | 0.48 | 0.56 | 0.48 | 0.55 | 0.11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-15 | 0.27 | 0.25 | 0.47 | 0.41 | 0.35 | 0.15 | 0.41 | 0.44 | 0.56 | 0.43 | 0.56 | 0.33 | 0.07 | 0.6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-16 | 0.29 | 0.26 | 0.33 | 0.35 | 0.38 | 0.17 | 0.64 | 0.69 | 0.5 | 0.23 | 0.41 | 0.5 | 0.17 | 0.29 | 0.32 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-17 | 0.32 | 0.22 | 0.47 | 0.5 | 0.54 | 0.2 | 0.5 | 0.67 | 0.57 | 0.25 | 0.47 | 0.47 | 0.09 | 0.32 | 0.44 | 0.69 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-18 | 0.3 | 0.35 | 0.35 | 0.38 | 0.31 | 0.18 | 0.47 | 0.62 | 0.53 | 0.35 | 0.44 | 0.37 | 0.18 | 0.43 | 0.5 | 0.53 | 0.62 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-19 | 0.42 | 0.35 | 0.29 | 0.3 | 0.26 | 0.11 | 0.3 | 0.32 | 0.35 | 0.39 | 0.29 | 0.55 | 0.11 | 0.52 | 0.33 | 0.29 | 0.32 | 0.36 |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-20 | 0.24 | 0.2 | 0.38 | 0.42 | 0.45 | 0.14 | 0.21 | 0.23 | 0.2 | 0.13 | 0.13 | 0.17 | 0.14 | 0.09 | 0.12 | 0.2 | 0.23 | 0.13 | 0.14 |  |  |  |  |  |  |  |  |  |  |  |  | |
| H548-21 | 0.39 | 0.45 | 0.38 | 0.33 | 0.29 | 0.12 | 0.27 | 0.35 | 0.38 | 0.37 | 0.26 | 0.28 | 0.12 | 0.33 | 0.3 | 0.32 | 0.23 | 0.33 | 0.29 | 0.21 |  |  |  |  |  |  |  |  |  |  |  | |
| H548-22 | 0.43 | 0.3 | 0.43 | 0.38 | 0.33 | 0.11 | 0.21 | 0.22 | 0.36 | 0.36 | 0.3 | 0.38 | 0.05 | 0.32 | 0.29 | 0.15 | 0.22 | 0.26 | 0.42 | 0.2 | 0.59 |  |  |  |  |  |  |  |  |  |  | |
| H548-23 | 0.41 | 0.33 | 0.56 | 0.5 | 0.37 | 0.13 | 0.29 | 0.37 | 0.4 | 0.33 | 0.33 | 0.29 | 0.06 | 0.3 | 0.38 | 0.27 | 0.37 | 0.42 | 0.4 | 0.29 | 0.57 | 0.62 |  |  |  |  |  |  |  |  |  | |
| H548-24 | 0.32 | 0.22 | 0.47 | 0.5 | 0.43 | 0.2 | 0.31 | 0.33 | 0.38 | 0.25 | 0.38 | 0.25 | 0.09 | 0.32 | 0.44 | 0.22 | 0.33 | 0.5 | 0.32 | 0.33 | 0.29 | 0.4 | 0.63 |  |  |  |  |  |  |  |  | |
| H548-25 | 0.38 | 0.37 | 0.37 | 0.39 | 0.33 | 0.14 | 0.25 | 0.26 | 0.3 | 0.48 | 0.3 | 0.32 | 0.07 | 0.5 | 0.42 | 0.18 | 0.26 | 0.39 | 0.43 | 0.18 | 0.29 | 0.39 | 0.36 | 0.41 |  |  |  |  |  |  |  | |
| H548-26 | 0.42 | 0.41 | 0.41 | 0.43 | 0.38 | 0.11 | 0.36 | 0.32 | 0.35 | 0.5 | 0.29 | 0.48 | 0.11 | 0.52 | 0.33 | 0.29 | 0.26 | 0.36 | 0.52 | 0.25 | 0.33 | 0.37 | 0.4 | 0.38 | 0.74 |  |  |  |  |  |  | |
| H548-27 | 0.48 | 0.48 | 0.41 | 0.43 | 0.38 | 0.11 | 0.36 | 0.38 | 0.35 | 0.44 | 0.24 | 0.42 | 0.11 | 0.58 | 0.33 | 0.35 | 0.38 | 0.5 | 0.52 | 0.25 | 0.38 | 0.37 | 0.46 | 0.38 | 0.57 | 0.73 |  |  |  |  |  | |
| H548-28 | 0.33 | 0.26 | 0.21 | 0.22 | 0.13 | 0.06 | 0.17 | 0.13 | 0.16 | 0.37 | 0.21 | 0.19 | 0.06 | 0.44 | 0.3 | 0.07 | 0.13 | 0.22 | 0.44 | 0.05 | 0.31 | 0.4 | 0.38 | 0.29 | 0.41 | 0.33 | 0.38 |  |  |  |  | |
| H548-29 | 0.17 | 0.13 | 0.38 | 0.42 | 0.45 | 0.14 | 0.42 | 0.45 | 0.38 | 0.18 | 0.29 | 0.31 | 0.14 | 0.19 | 0.27 | 0.38 | 0.45 | 0.31 | 0.25 | 0.5 | 0.15 | 0.14 | 0.29 | 0.33 | 0.18 | 0.25 | 0.25 | 0.1 |  |  |  | |
| H548-30 | 0.43 | 0.36 | 0.43 | 0.45 | 0.33 | 0.11 | 0.38 | 0.4 | 0.43 | 0.36 | 0.36 | 0.43 | 0.11 | 0.37 | 0.29 | 0.3 | 0.33 | 0.38 | 0.42 | 0.2 | 0.35 | 0.38 | 0.48 | 0.33 | 0.45 | 0.54 | 0.42 | 0.3 | 0.33 |  |  | |
| H548-31 | 0.33 | 0.28 | 0.32 | 0.33 | 0.25 | 0.08 | 0.29 | 0.25 | 0.28 | 0.41 | 0.32 | 0.29 | 0.04 | 0.52 | 0.41 | 0.19 | 0.25 | 0.29 | 0.42 | 0.11 | 0.24 | 0.3 | 0.37 | 0.35 | 0.5 | 0.47 | 0.42 | 0.56 | 0.19 | 0.54 |  | |
| H548-32 | 0.4 | 0.33 | 0.39 | 0.41 | 0.3 | 0.1 | 0.29 | 0.3 | 0.33 | 0.43 | 0.39 | 0.4 | 0.05 | 0.5 | 0.38 | 0.23 | 0.3 | 0.35 | 0.56 | 0.18 | 0.32 | 0.52 | 0.57 | 0.43 | 0.42 | 0.5 | 0.5 | 0.48 | 0.3 | 0.52 | 0.5 | |
| **Min** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.2** | **0.1** | **0.2** | **0.1** | **0.1** | **0.1** | **0** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.2** | **0.1** | **0.3** | **0.3** | **0.2** | **0.3** | **0.3** | **0.1** | **0.2** | **0.5** | **0.5** | |
| **Max** | **0.5** | **0.5** | **0.9** | **0.8** | **0.6** | **0.3** | **0.8** | **0.7** | **0.6** | **0.6** | **0.6** | **0.6** | **0.2** | **0.6** | **0.5** | **0.7** | **0.6** | **0.5** | **0.6** | **0.5** | **0.6** | **0.6** | **0.6** | **0.4** | **0.7** | **0.7** | **0.5** | **0.6** | **0.3** | **0.5** | **0.5** | |
| **Mean** | **0.4** | **0.3** | **0.4** | **0.4** | **0.4** | **0.2** | **0.4** | **0.4** | **0.4** | **0.4** | **0.3** | **0.4** | **0.1** | **0.4** | **0.3** | **0.3** | **0.3** | **0.3** | **0.4** | **0.2** | **0.4** | **0.4** | **0.4** | **0.4** | **0.5** | **0.5** | **0.4** | **0.4** | **0.3** | **0.5** | **0.5** | |