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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary Table 9. Jaccard’s similarity coefficient among Hail 747 landrace accessions based on SRAP data scored.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | H747-1 | H747-2 | | H747-3 | H747-4 | | H747-5 | H747-6 | H747-7 | H747-8 | H747-9 | H747-10 | H747-11 | H747-12 | H747-13 | H747-14 | H747-15 | H747-16 | H747-17 | H747-18 | H747-19 | H747-20 | H747-21 | H747-22 | H747-23 | H747-24 | H747-25 | H747-26 | H747-27 | H747-28 | H747-29 | H747-30 | H747-31 | |
| H747-1 |  |  |  | | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-2 | 0.43 |  |  | | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-3 | 0.14 | 0.06 |  | | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-4 | 0.29 | 0.29 | 0.15 | | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-5 | 0.34 | 0.25 | 0.2 | | | 0.62 | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-6 | 0.32 | 0.23 | 0.18 | | | 0.28 | | 0.44 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-7 | 0.07 | 0.06 | 0.43 | | | 0.08 | | 0.07 | 0.13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-8 | 0.17 | 0.25 | 0.3 | | | 0.07 | | 0.12 | 0.17 | 0.57 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-9 | 0.04 | 0.07 | 0.33 | | | 0.1 | | 0.08 | 0.07 | 0.5 | 0.29 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-10 | 0.21 | 0.33 | 0.3 | | | 0.23 | | 0.19 | 0.24 | 0.38 | 0.56 | 0.29 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-11 | 0.25 | 0.31 | 0.4 | | | 0.21 | | 0.18 | 0.22 | 0.33 | 0.36 | 0.25 | 0.67 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-12 | 0.04 | 0.08 | 0.17 | | | 0.11 | | 0.08 | 0.07 | 0.25 | 0.14 | 0.5 | 0.14 | 0.13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-13 | 0.04 | 0.08 | 0.17 | | | 0.11 | | 0.08 | 0.07 | 0.25 | 0.14 | 0.5 | 0.14 | 0.13 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-14 | 0.17 | 0.33 | 0.18 | | | 0.33 | | 0.19 | 0.11 | 0.38 | 0.4 | 0.29 | 0.56 | 0.5 | 0.14 | 0.14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-15 | 0.04 | 0.07 | 0.33 | | | 0.1 | | 0.08 | 0.07 | 0.2 | 0.13 | 0.33 | 0.13 | 0.11 | 0.5 | 0.5 | 0.13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-16 | 0.21 | 0.33 | 0.18 | | | 0.23 | | 0.27 | 0.24 | 0.22 | 0.56 | 0.29 | 0.56 | 0.36 | 0.14 | 0.14 | 0.4 | 0.13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-17 | 0.19 | 0.13 | 0.22 | | | 0.56 | | 0.42 | 0.19 | 0.13 | 0.09 | 0.17 | 0.2 | 0.18 | 0.2 | 0.2 | 0.2 | 0.17 | 0.33 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-18 | 0.25 | 0.24 | 0.17 | | | 0.89 | | 0.54 | 0.22 | 0.09 | 0.07 | 0.11 | 0.15 | 0.14 | 0.13 | 0.13 | 0.25 | 0.11 | 0.15 | 0.44 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-19 | 0.24 | 0.22 | 0.25 | | | 0.64 | | 0.4 | 0.28 | 0.18 | 0.14 | 0.1 | 0.23 | 0.21 | 0.11 | 0.11 | 0.23 | 0.22 | 0.14 | 0.27 | 0.7 |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-20 | 0.31 | 0.14 | 0.31 | | | 0.54 | | 0.44 | 0.39 | 0.15 | 0.13 | 0.08 | 0.2 | 0.19 | 0.09 | 0.09 | 0.13 | 0.18 | 0.2 | 0.45 | 0.46 | 0.54 |  |  |  |  |  |  |  |  |  |  |  |  | |
| H747-21 | 0.26 | 0.33 | 0.18 | | | 0.6 | | 0.36 | 0.24 | 0.22 | 0.17 | 0.13 | 0.4 | 0.36 | 0.14 | 0.14 | 0.4 | 0.13 | 0.17 | 0.33 | 0.5 | 0.6 | 0.38 |  |  |  |  |  |  |  |  |  |  |  | |
| H747-22 | 0.24 | 0.22 | 0.25 | | | 0.38 | | 0.31 | 0.21 | 0.18 | 0.14 | 0.1 | 0.23 | 0.21 | 0.11 | 0.11 | 0.23 | 0.22 | 0.14 | 0.27 | 0.31 | 0.5 | 0.43 | 0.6 |  |  |  |  |  |  |  |  |  |  | |
| H747-23 | 0.11 | 0.13 | 0.25 | | | 0.3 | | 0.23 | 0.06 | 0.14 | 0.1 | 0.2 | 0.1 | 0.09 | 0.25 | 0.25 | 0.22 | 0.5 | 0.1 | 0.29 | 0.33 | 0.44 | 0.25 | 0.38 | 0.44 |  |  |  |  |  |  |  |  |  | |
| H747-24 | 0.04 | 0.07 | 0.33 | | | 0.1 | | 0.08 | 0.07 | 0.2 | 0.13 | 0.33 | 0.13 | 0.11 | 0.5 | 0.5 | 0.13 | 1 | 0.13 | 0.17 | 0.11 | 0.22 | 0.18 | 0.13 | 0.22 | 0.5 |  |  |  |  |  |  |  |  | |
| H747-25 | 0.19 | 0.2 | 0.38 | | | 0.4 | | 0.31 | 0.19 | 0.29 | 0.2 | 0.17 | 0.2 | 0.18 | 0.2 | 0.2 | 0.2 | 0.17 | 0.09 | 0.25 | 0.44 | 0.4 | 0.33 | 0.5 | 0.4 | 0.29 | 0.17 |  |  |  |  |  |  |  | |
| H747-26 | 0.45 | 0.29 | 0.14 | | | 0.35 | | 0.36 | 0.28 | 0.1 | 0.19 | 0.05 | 0.19 | 0.18 | 0.06 | 0.06 | 0.14 | 0.05 | 0.25 | 0.28 | 0.3 | 0.29 | 0.32 | 0.32 | 0.42 | 0.16 | 0.05 | 0.28 |  |  |  |  |  |  | |
| H747-27 | 0.29 | 0.18 | 0.27 | | | 0.38 | | 0.32 | 0.17 | 0.13 | 0.11 | 0.07 | 0.18 | 0.17 | 0.08 | 0.08 | 0.18 | 0.15 | 0.11 | 0.29 | 0.31 | 0.38 | 0.41 | 0.43 | 0.69 | 0.31 | 0.15 | 0.38 | 0.55 |  |  |  |  |  | |
| H747-28 | 0.14 | 0.2 | 0.22 | | | 0.4 | | 0.31 | 0.12 | 0.13 | 0.09 | 0.17 | 0.09 | 0.08 | 0.2 | 0.2 | 0.2 | 0.17 | 0.09 | 0.25 | 0.44 | 0.27 | 0.23 | 0.33 | 0.27 | 0.29 | 0.17 | 0.67 | 0.21 | 0.38 |  |  |  |  | |
| H747-29 | 0.07 | 0.07 | 0.13 | | | 0.2 | | 0.15 | 0.06 | 0.17 | 0.11 | 0.25 | 0.11 | 0.1 | 0.33 | 0.33 | 0.11 | 0.25 | 0.11 | 0.33 | 0.22 | 0.2 | 0.17 | 0.25 | 0.33 | 0.4 | 0.25 | 0.14 | 0.17 | 0.23 | 0.14 |  |  |  | |
| H747-30 | 0.04 | 0.08 | 0.17 | | | 0.11 | | 0.08 | 0.07 | 0.25 | 0.14 | 0.5 | 0.14 | 0.13 | 1 | 1 | 0.14 | 0.5 | 0.14 | 0.2 | 0.13 | 0.11 | 0.09 | 0.14 | 0.11 | 0.25 | 0.5 | 0.2 | 0.06 | 0.08 | 0.2 | 0.33 |  |  | |
| H747-31 | 0.43 | 0.32 | 0.16 | | | 0.39 | | 0.47 | 0.36 | 0.11 | 0.21 | 0.06 | 0.28 | 0.2 | 0.06 | 0.06 | 0.21 | 0.06 | 0.28 | 0.31 | 0.33 | 0.32 | 0.35 | 0.35 | 0.32 | 0.18 | 0.06 | 0.31 | 0.48 | 0.45 | 0.31 | 0.12 | 0.06 |  | |
| H747-32 | 0.04 | 0.07 | 0.33 | | | 0.1 | | 0.08 | 0.07 | 0.2 | 0.13 | 0.33 | 0.13 | 0.11 | 0.5 | 0.5 | 0.13 | 1 | 0.13 | 0.17 | 0.11 | 0.22 | 0.18 | 0.13 | 0.22 | 0.5 | 1 | 0.17 | 0.05 | 0.15 | 0.17 | 0.25 | 0.5 | 0.06 | |
| **Min** | **0** | **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** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.2** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | **0.1** | |
| **Max** | **0.5** | **0.3** | **0.4** | | | **0.9** | | **0.5** | **0.4** | **0.6** | **0.6** | **0.5** | **0.7** | **0.5** | **1** | **1** | **0.4** | **1** | **0.3** | **0.5** | **0.7** | **0.6** | **0.4** | **0.6** | **0.7** | **0.5** | **1** | **0.7** | **0.6** | **0.5** | **0.3** | **0.3** | **0.5** | **0.1** | |
| **Mean** | **0.2** | **0.2** | **0.3** | | | **0.3** | | **0.3** | **0.2** | **0.2** | **0.2** | **0.2** | **0.3** | **0.2** | **0.3** | **0.3** | **0.2** | **0.3** | **0.2** | **0.3** | **0.3** | **0.4** | **0.3** | **0.3** | **0.4** | **0.3** | **0.3** | **0.3** | **0.3** | **0.3** | **0.2** | **0.2** | **0.3** | **0.1** | |