**Table S6.** Number of volatiles in 11 chemical classes detected in pulp and flavedo among the five pummelo genotypes

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Class** | **Pulp** | | | | |  | **Flavedo** | | | | |
|  | **Hongrou** | **Guanxihuang** | **Hongzuan** | **Sanhong** | **Guanxi** |  | **Hongrou** | **Guanxihuang** | **Hongzuan** | **Sanhong** | **Guanxi** |
| alcohol | 18 | 18 | 18 | 17 | 18 |  | 35 | 34 | 35 | 35 | 35 |
| aldehyde | 22 | 22 | 20 | 22 | 19 |  | 22 | 23 | 23 | 23 | 22 |
| ketone | 7 | 7 | 7 | 8 | 7 |  | 6 | 5 | 5 | 7 | 7 |
| ester | 2 | 2 | 2 | 2 | 2 |  | 14 | 14 | 12 | 12 | 13 |
| monoterpene | 4 | 4 | 3 | 3 | 4 |  | 16 | 16 | 17 | 17 | 15 |
| sesquiterpene | 27 | 27 | 19 | 13 | 25 |  | 57 | 58 | 58 | 58 | 58 |
| aromatic hydrocarbon | 4 | 4 | 4 | 4 | 4 |  | 6 | 6 | 6 | 4 | 5 |
| furan | 1 | 1 | 1 | 1 | 0 |  | 1 | 1 | 1 | 1 | 1 |
| epoxide | 2 | 2 | 2 | 2 | 2 |  | 3 | 3 | 3 | 3 | 3 |
| phenol | 1 | 1 | 1 | 1 | 1 |  | 0 | 0 | 0 | 0 | 0 |
| acid | 1 | 1 | 0 | 0 | 0 |  | 1 | 1 | 1 | 1 | 1 |
| other | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |
| total | 90 | 90 | 78 | 74 | 83 |  | 162 | 162 | 162 | 162 | 161 |