**Table S10.** Correlation coefficients between candidate genes and volatiles in pummelo pulp

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Compounds** | ***Cg5g022140* (*TPS1*)** | ***Cg5g022150* (*TPS1*)** | ***Cg2g002080* (*LOX2.1*)** | ***Cg2g002010* (*LOX2.1*)** |
| *β*-myrcene | 0.61 \* | 0.72 \*\* | - | - |
| (-)-*β*-bourbonene | 0.59 \* | 0.74 \*\* | - | - |
| (*Z*)-caryophyllene  | 0.48 | 0.67 \*\* | - | - |
| germacrene D | 0.53 \* | 0.68 \*\* | - | - |
| valencene | 0.54 \* | 0.69 \*\* | - | - |
| *γ*-muurolene | 0.53 \* | 0.69 \*\* | - | - |
| *δ*-cadinene | 0.54 \* | 0.69 \*\* | - | - |
| monoterpenes | 0.43 | 0.63 \* | - | - |
| sesquiterpenes | 0.55 \* | 0.71 \*\* | - | - |
| 2-hexenal | - | - | 0.87 \*\*\* | 0.77 \*\*\* |
| (*E*)-2-hexenal,  | - | - | 0.84 \*\*\* | 0.58 \* |
| aldehydes | - | - | 0.91 \*\*\* | 0.76 \*\*\* |

\* *P* < 0.05, \*\* *P* < 0.01, \*\*\* *P* < 0.001.