Table S1. The predicted amino acid energy contribution of *Acer*OBP11 binding with ligands

| | n-Hexanol | 4-Allylveratrole | HOB | Farnesol | Isoamyl acetate | Ethyl palmitate |
|---|---|---|---|---|---|---|
| Ile97 | -9.564 | -13.991 | -15.116 | -20.489 | -12.872 | -19.501 |
| Ile140 | -12.649 | -11.492 | -14.322 | -17.104 | -9.076 | -11.415 |
| Phe101 | -3.614 | -13.637 | -8.848 | -14.083 | -6.458 | -10.615 |
| Val96 | -7.435 | -11.503 | -8.880 | -10.847 | -11.723 | -8.963 |
| Lys95 | -7.015 | -13.745 | -9.057 | -12.248 | -10.402 | -14.651 |
| Ala138 | -1.281 | -5.274 | -3.506 | -5.665 | -1.238 | -2.672 |
| Met131 | -2.972 | -1.571 | -3.270 | -3.552 | -3.167 | -5.788 |
| Pro98 | -0.502 | -2.330 | -2.380 | -6.138 | -1.048 | -6.661 |
| Phe31 | -2.929 | -2.249 | -2.041 | -4.710 | -2.995 | -6.207 |
| Met81 | -0.835 | -0.595 | -0.314 | -3.165 | -1.003 | -2.587 |
| Met108 | -0.916 | -0.350 | -1.410 | -1.411 | -1.099 | -0.738 |

Note: The amino acids are predicted to produce hydrogen bonds are marked with blue letters.