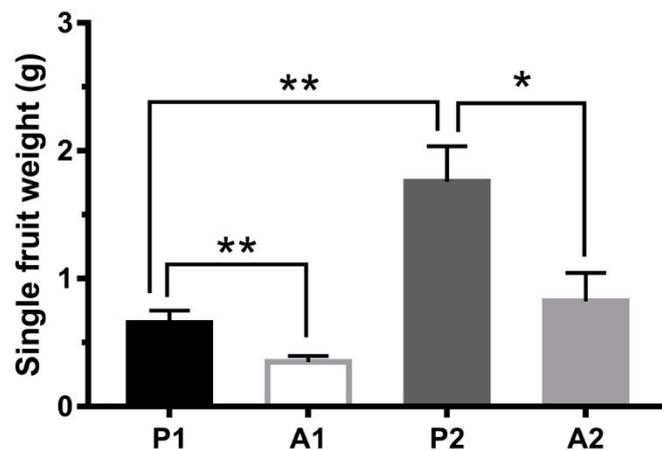


## Supplementary Materials

a



b



**Supplementary Figure S1.** Single fruit weight (a) and phenotype (b) of P1 and A1 in pecan. Statistically significant differences were calculated with GraphPad Prism 7.00. Data represent average  $\pm$  SD of three biological repeats with three measurements. \* Significant differences at  $p < 0.05$ ; \*\* significant differences at  $p < 0.01$ .

1.000	0.808	0.919	0.264	0.272	0.275	A1-1
0.808	1.000	0.909	0.506	0.509	0.538	A1-2
0.919	0.909	1.000	0.394	0.400	0.413	A1-3
0.264	0.506	0.394	1.000	0.987	0.981	P1-1
0.272	0.509	0.400	0.987	1.000	0.981	P1-2
0.275	0.538	0.413	0.981	0.981	1.000	P1-3
A1-1	A1-2	A1-3	P1-1	P1-2	P1-3	

**Supplementary Figure S2.** The correlation coefficient in the repeat group of A1 and P1.