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Gene regulation of anthocyanin biosynthesis in two blood-flesh peach (*Prunus persica* (L.) Batsch) cultivars during fruit development

Key words: Blood-flesh peach, Anthocyanins, Bagging, Gene expression

Research Summary

This study mainly focused on the anthocyanin biosynthesis in the two blood-flesh peach cultivars





VS.





- **Anthocyanin content in blood peach during fruit development**
- **Expression of anthocyanin biosynthetic genes in two blood-flesh peach cultivars**
- **Expression of anthocyanin biosynthetic genes after the bag removal**

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Innovation points

A series of comprehensive figures were generated to summarize the anthocyanin biosynthesis in two blood-flesh peach cultivars

Fig. 2 | Anthocyanin concentration in two blood-flesh peach during fruit development, as measured by HPLC.

Fig. 3 | Expression analysis of anthocyanin biosynthetic genes in two blood-flesh peach during fruit development.

Supplementary Fig. 1 | HPLC chromatogram of the anthocyanin components of the leaf midrib in 'Heiyoutao'.

Supplementary Fig. 2 | HPLC chromatogram of the cultivar 'Xuebaitao' from flesh surrounding the stone at maturity.





