

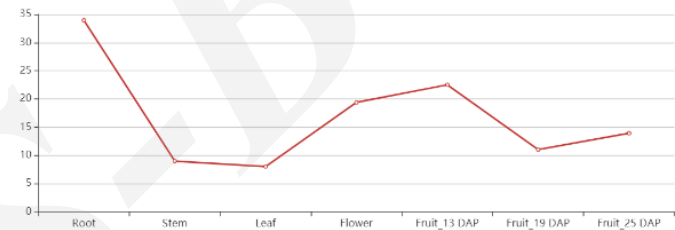
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Tartary buckwheat database (TBD): an integrative platform for gene analysis of and biological information on Tartary buckwheat

Key words: Tartary buckwheat database, transcription factors, expression profiles, qRT-PCR

Research Summary

This review mainly focused on an integrative platform for gene analysis of and biological information on Tartary buckwheat, including the following aspects:



tissue	expression value for FtPinG0000001800.01
Root	33.96807995
Stem	8.980953383
Leaf	8.019106571
Flower	19.39462417
Fruit_13	22.51117349
Fruit_19	11.02670564
Fruit_25	13.93300837

- Expression profiles of all Tartary buckwheat genes in different tissues and fruits at different stages
- QRT-PCR primers for Tartary buckwheat genes
- Biological information on 974 transcription factors from 14 major TF families

Innovation points

- **Introduction** of the first comprehensive effective resource Tartary buckwheat database.
- **Summary** of the expression profiles, structure visualization and qRT-PCR primer of Tartary buckwheat genes.
- **Emphasis** of this database will not only promote research on improving Tartary buckwheat breeding, but also bring increased attention to the genetic improvement of other important crops.

