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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**

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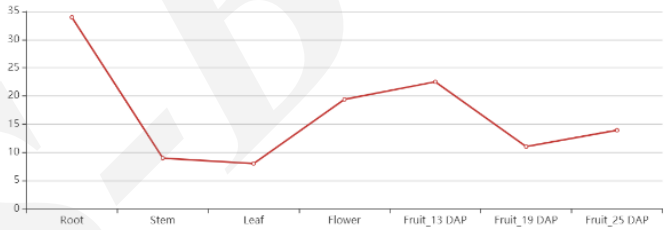
Research Summary

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.

