**Additional file 3**

**文本

描述已自动生成**

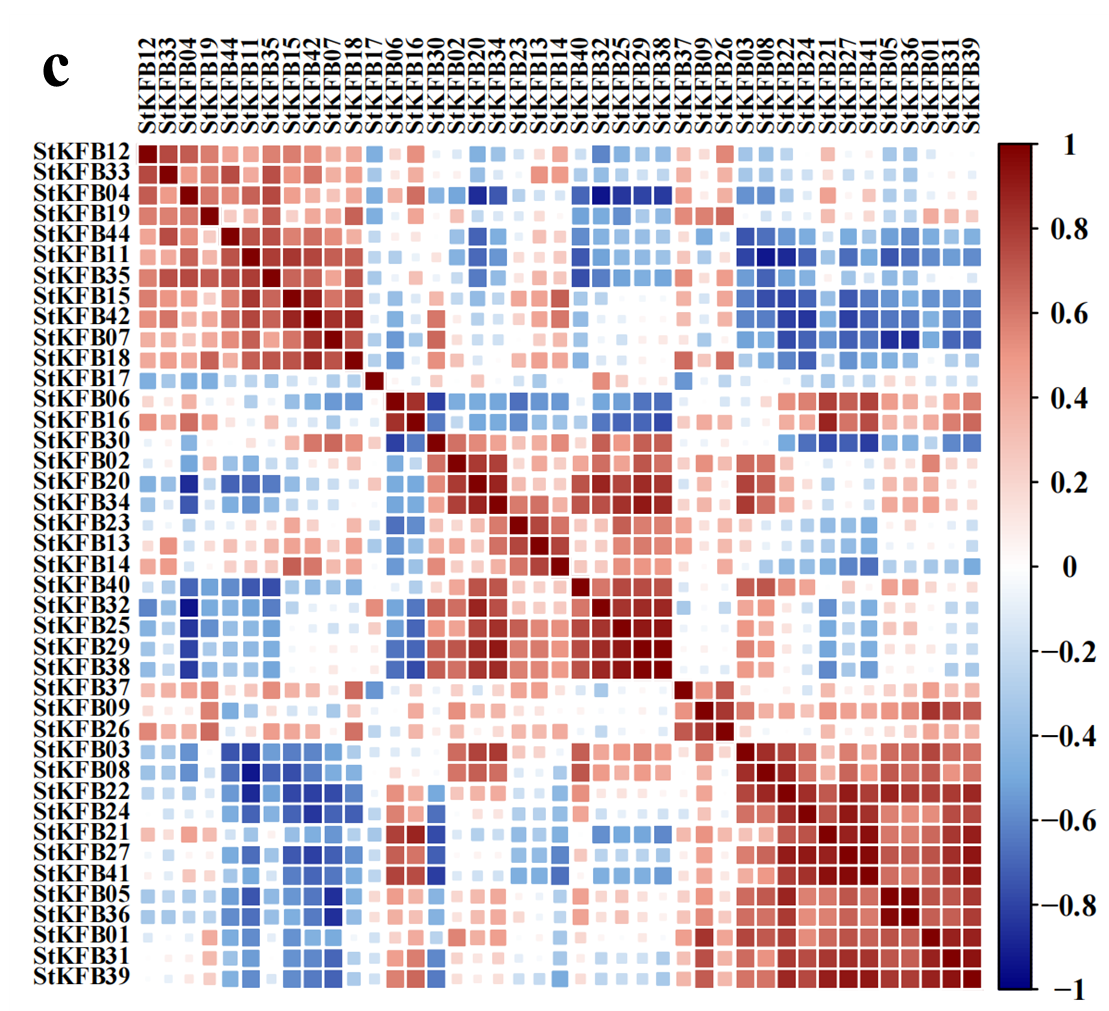
**Figure S1** Gene duplication analysis of potato genome.Singleton: single copy genes; Proximal: adjacent but discontinuous repetitive genes on the same chromosome; Tandem: tandem duplications; WGD or segmental: whole genome duplications or segmental duplications; Dispersed: dispersed genes.

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**Figure S2** Sequence logos of conserved motifs in StKFB proteins.





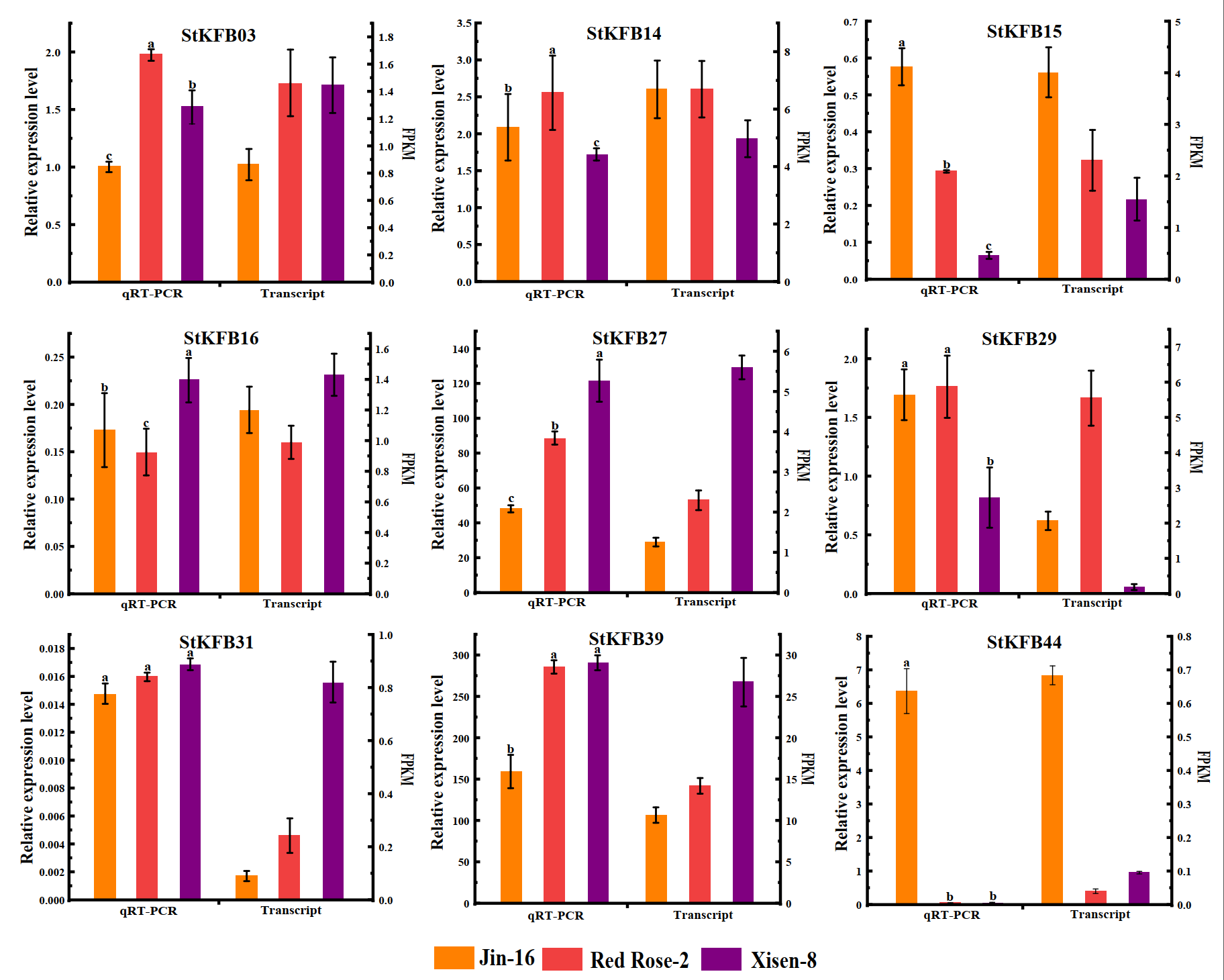
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**Figure S3** The correlation analysis between the expression patterns of *StKFBs* in diverse potato tissues (**a**), in potato plants with different treatments (**b**) and in three colored potato tubers (**c**).

图片包含 图示

描述已自动生成

**Figure S4** Melting curves of primers for qRT-PCR.

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**Figure S5** Comparison of the expression levels of the 9 selected *StKFB* genes determined by qRT-PCR and transcriptome sequencing.



**Figure S6** Conserveddomain analysis of StKFB01, AtFKF1, OsFKF1 and StKFB27.