



**Supplemental Figure 8.** Dynamic transcriptome analysis of genes involved in brassinosteroid signal transduction of foxtail millet grains development. (a) Diagram of the brassinosteroid signal transduction pathway; (b) Hierarchical clustering analysis of the relative expression levels of brassinosteroid signal transduction pathway genes during grain development; (c-e) The dynamic transcript levels of brassinosteroid signal transduction pathway in the different development stages of the foxtail millet grains. BAK1: Brassinosteroid insensitive 1-associated receptor kinase 1; BRI1: Brassinosteroid insensitive 1; BKI1: BRI1 kinase inhibitor 1; BSK: BR-signaling kinase; BSU1: serine/threonine-protein phosphatase BSU1; BIN2: Brassinosteroid insensitive 2; BZR1/2: Brassinosteroid resistant 1/2; TCH4: xyloglucosyl transferase TCH4; CYCD3: Cyclin D 3.