



Figure S1 Gel electrophoresis for the total RNA samples from different *Gelsemium elegans* tissues and under different stress treatments. (A) The gel electrophoresis of the total RNA samples of different *G. elegans* tissues. M, DNA marker 15,000+2,000 bp; 1-3, root samples; 4-6, stem samples; 7-9, leaf samples. **(B)** The gel electrophoresis of the total leaf RNA samples of *G. elegans* under 4°C cold stress. M, DNA marker 2,000 bp; 1-3, 0 h cold stress; 4-6, 12 h cold stress; 7-9, 24 h cold stress. **(C)** The gel electrophoresis of the total leaf RNA samples of *G. elegans* under MeJA stress. M, DNA marker 2,000 bp; 1-3, 0 h MeJA stress; 4-6, 6 h MeJA stress; 7-9, 12 h MeJA stress; 10-12, 24 h MeJA stress. **(D)** The gel electrophoresis of the total leaf RNA samples of *G. elegans* under SA stress. M, DNA marker 5,000 bp; 1-3, 0 h SA stress; 4-6, 6 h SA stress; 7-9, 12 h SA stress; 10-12, 24 h SA stress.