

Figure S1 circEZH2 level is down-regulated in response to TGEV infection *in vivo* and *in vitro* analyzed by FISH.

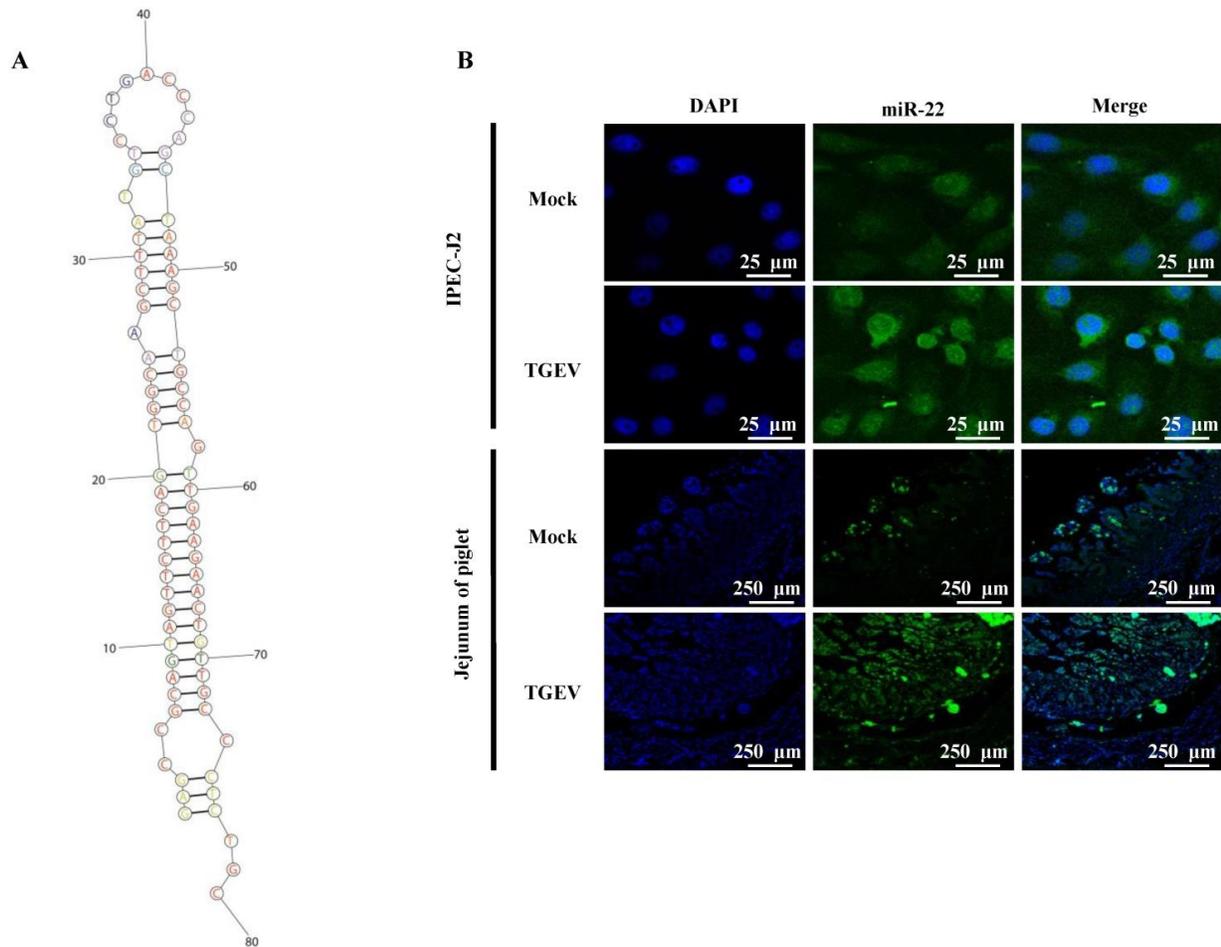


Figure S2 miR-22 level is up-regulated response to TGEV infection *in vivo* and *in vitro* analyzed by FISH.

(A) The secondary structure of pre-miR-22. (B) miR-22 level increased in response to TGEV infection..

Table S1 The overlapped mRNAs in four samples.

Table S2 The intersection between miR-22 target genes and mRNAs.

Table S3 Sequences for probes, miRNA mimics and inhibitors, siRNAs.

Table S4 Sequences for qRT-PCR and PCR primers.