



**Online Resource 8.** Actin RT-PCR to confirm RNA and cDNA integrity for samples that were RT-PCR negative for maize yellow mosaic virus. RT-PCR products amplified using the primer pair actinF and actinR were visualized by agarose gel electrophoresis, with an expected 169 bp cDNA actin product. Lane M, O'GeneRuler 100 bp DNA Ladder (Thermo-Fischer, Waltham, USA); lane 1, RT no template control; lane 2, PCR no template control; lane 3, maize healthy control/RNA positive control; lane 4, 16-3308; lane 5, 16-3328; lane 6, 16-3224; lane 7, 16-3252; lane 8, 16-3256. The additional 277 bp product in lanes 3-8 is the actin gDNA product, since the primers flank an intron, indicating presence of some gDNA in the samples.