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**Redox regulation of methionine in calmodulin affects the activity levels of senescence-related transcription factors in litchi**

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Running title: Redox status of CaM influence activity of TF

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**Abbreviations:** ACT, actin; AD, activation domain; BiFC, bimolecular fluorescence complementation; CaM, calmodulin; cDNA; complementary DNA; Co-IP, co-immunoprecipitation; DBD, DNA-binding domain; EMSA, electrophoretic mobility shift assay; GFP, green fluorescent protein; GST, glutathione S-transferase; LC-MS/MS, liquid chromatography-tandem mass spectrometry; Met, methionine; MetO, methionine sulfoxide; Msr, methionine sulfoxide reductase; qRT-PCR, quantitative real-time polymerase chain reaction; ROS, reactive oxygen species; TFs, transcription factors; Y2H, yeast two-hybrid; YFP, yellow fluorescent protein.

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