

Review of: "Orthogonal control of gene expression in plants using synthetic promoters and CRISPR-based transcription factors"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

Indeed it's nice approach to develop orthogonal control system which can work independently in plant without interfering plant system . The whole experiment is systematic, aligned different part of transcriptional unit to create one transcriptional unit subsequently aligned multiple transcriptional unit to assemble into single circuit . It can be expressed simultaneously to a specific transcription unit under it's related gRNA promoter.

However the orthogonal system can potentially work in other higher plant system, which need to be improved for the lower plant system . We were delighted to read the article.

In the infiltrated parts, it will be ideal to have more negative controls.