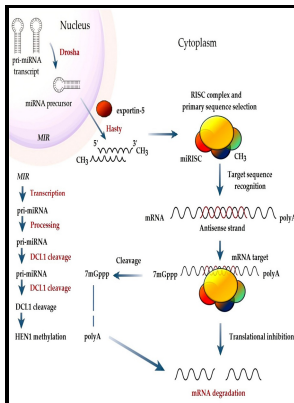


# Studies of transcription and gene expression in African cassava mosaic virus.

University of EastAnglia - British Library EThOS: Studies on transcription and gene expression in African cassava mosaic virus.



Description: -

-Studies of transcription and gene expression in African cassava mosaic virus.

-Studies of transcription and gene expression in African cassava mosaic virus.

Notes: Thesis (Ph.D), University of East Anglia, School of Biological Sciences, 1989.

This edition was published in 1989



Filesize: 17.17 MB

Tags: #Frontiers

## Transcriptional analysis of South African cassava mosaic virus

Next, we next silenced the expression of either KYP or CMT3-1 to functionally analyze their roles in plant developmental regulation by synthetic Tobacco Rattle Virus sTRV mediated virus-induced gene silencing VIGS , NbAGO1-1 which has been shown to affect plant development was used as a control. The contents of RWC and chlorophyll in the OE1—3 and OE1—10 lines were also higher than Col-0 after 15 days of drought stress Fig. Thus, the choice of an appropriate housekeeping gene for normalisation purposes is a prerequisite in qRT—PCR experiments.

## Cassava Mosaic Virus

Two AAUAAA-like PPSGs, AAUAAG and AAUGAA were most frequent in these five TTs.

## Cassava Mosaic Virus

PP2A, F-BOX and L23 still occupied the three top positions, demonstrating higher stability in virus-infected leaf tissues, with stability values ranging from 0. Studies on the transmission of cassava mosaic virus by Bemisia spp. Mascia T, Santovito E, Gallitelli D, Cillo F 2010 Evaluation of reference genes for quantitative reverse-transcription polymerase chain reaction normalization in infected tomato plants.

## Validation of Reference Genes for Gene Expression Studies in Virus

Descriptive statistics of the fourteen candidate reference genes based on their cycle threshold Ct values as calculated by BestKeeper. In conclusion, this study revealed that the TaGAPC1 gene was involved in resistance to abiotic stress and probably the encoded protein acts as a multifunctional protein in addition to its pivotal role in glycolysis.

**TaWRKY40 transcription factor positively regulate the expression of TaGAPC1 to enhance drought tolerance**

GOSlim Functional characterisation of T200 and TME3 DEGs at 12, 32 and 67 dpi for cellular component A,D,G , biological process C,F,I and molecular function B,E,H. DNA-A of a highly pathogenic Indian cassava mosaic virus isolated from *Jatropha curcas* causes symptoms in *Nicotiana benthamiana*. Disease is usually manifested due to virus-induced physiological changes and direct interaction between virus and host proteins.

**British Library EThOS: Studies on transcription and gene expression in African cassava mosaic virus.**

Involved in the Regulation of Defense Response to *Phytophthora capsici*. Beyond glycolysis: GAPDHs are multi-functional enzymes involved in regulation of ROS, autophagy, and plant immune responses. The unique sites could represent APA because maize leaf contains multiple tissue types.

## Related Books

- [Einfache Diebstahl im englischen und deutschen Recht - eine rechtsvergleichende Studie.](#)
- [Problems and exercises in the calculus of variations](#)
- [Burden of memory, the muse of forgiveness](#)
- [750 lat Rawy Mazowieckiej - materiały z sesji popularnonaukowej : Rawa Mazowiecka, 26 maja 2000](#)
- [Kodai tennōsei o kangaeru](#)