2026 | Volume Volume - 9 - Issue Issue - 1

In this issue

Research Article

Open Access Research Article PTZAID:AMGM-9-115

Computational Analysis of Conserved Plant microRNA408 and Evaluation of its Cross-Kingdom Regulatory Potential in Humans

Published On: November 06, 2025 | Pages: 001 - 015

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Introduction: MicroRNA408 (miRNA408) is a highly conserved plant microRNA involved in copper homeostasis, development, and stress response. Given its presence in food crops and its evolutionary conservation, this study explores in silico analysis of mature and precursor miRNA408 (pre-miRNA408) and whether miRNA408 could exert post-transcriptional regulatory effects on ...

Abstract View Full Article View DOI: 10.17352/amgm.000015