

**Construction of an SSR-based
genetic map of the tropical legume
Aeschynomene evenia: an
essential tool for deciphering the
Nod-independent symbiotic
process and for improving
nodulation efficiency in Arachis
hypogaea**

PERSPECTIVES

This genetic map will support the “AeschyNod” ANR project (2014-2019) which aims at performing a “mutagenesis” strategy to generate and screen plant mutants defective for nodulation. To make successful this strategy, we are also developing a reference genome sequence for *A. evenia*, which will accelerate the map-based cloning of symbiotic genes.

The acquired knowledge should bring important highlights on the specific determinants of the Nod-independent process and the evolution of the nitrogen-fixing symbiosis in the legume family.

Responsable :

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