

Title (en)

METHODS FOR ALTERING THE MICROBIOME INFLUENCED BY ROOTS OF A PLANT USING MICROPEPTIDES

Title (de)

VERFAHREN ZUR VERÄNDERUNG DES DURCH WURZELN EINER PFLANZE BEEINFLUSSTEN MIKROBIOMS ANHAND VON MIKROPEPTIDEN

Title (fr)

PROCÉDÉS POUR MODIFIER LE MICROBIOME INFLUENCÉ PAR LES RACINES D'UNE PLANTE À L'AIDE DE MICROPEPTIDES

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Abstract (en)

[origin: EP4066629A1] The present invention relates to a method for selecting at least one micropeptide able to alter the microbiome influenced by roots of a plant based on identifying miRNAs secreted by said plant in a sample of the roots and/or rhizosphere. The present invention also relates to a micropeptide able to alter the microbiome influenced by roots of a plant and its use as a plant microbiome modulating agent, for example for inducing a phenotype of interest, such as a pathogen resistance and/or a water resistance.

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