

Identification of a new type 6 secretion system effector of Pseudomonas fluorescens MFE01 involved in bacterial motility inhibition

Mathilde Bouteiller, M. Gallique, M. Feuilloley, A. Merieau

▶ To cite this version:

Mathilde Bouteiller, M. Gallique, M. Feuilloley, A. Merieau. Identification of a new type 6 secretion system effector of Pseudomonas fluorescens MFE01 involved in bacterial motility inhibition. 21ième Edition des Journées de l'Ecole doctorale EdNBISE, Mar 2018, Mont Saint aignan, France. hal-02387083

HAL Id: hal-02387083 https://normandie-univ.hal.science/hal-02387083

Submitted on 29 Nov 2019

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers. L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.









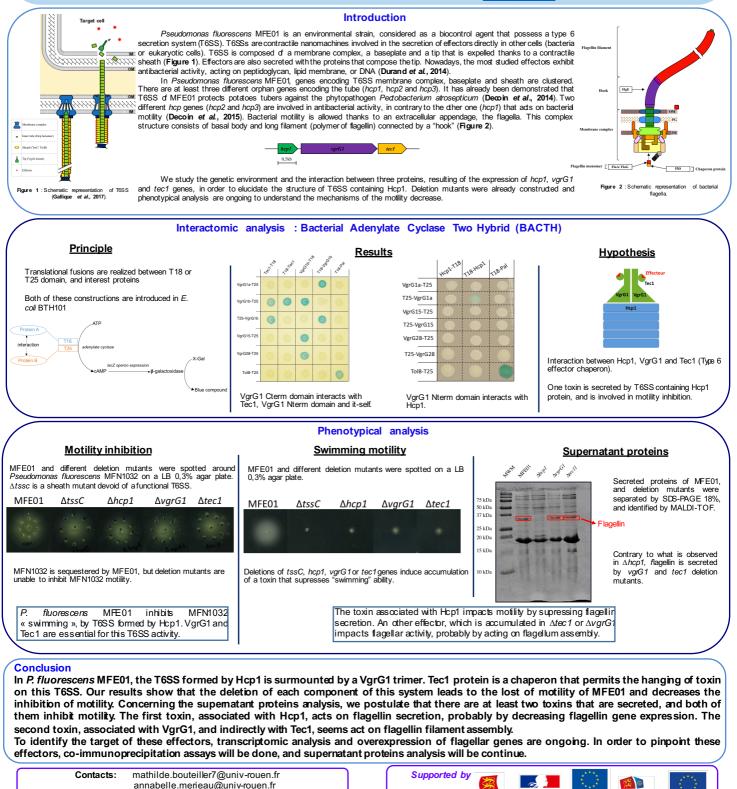
GDR 3711 COSM'ACTIFS



M. Bouteiller¹, M. Gallique¹, M. Feuilloley¹, A. Merieau¹

¹Laboratory of Microbiology Signals and Microenvironnement LMSM EA 4312,

Normandie Université, Univ. Rouen Normandie, Evreux, France. www.lmsm-lab.fr



References :

Decoin, V. et al. A Type V Secretion System Is Involved in Pseudomonas fluorescens Bacterial Competition. PLOS ONE 9, e89411 (2014). Decoin, V. et al. A Pseudomonas fluorescens type 6 secretion system is related to mucoidy, molility and bacterial competition. BMC Microbiol 15, (2015). Durand, E., Cambillau, C., Cascales, E. & Journet, L. VgrG, Tae, Tle, and beyond: the versatile arsenal of Type VI secretion effectors. Trends Microbiol. 22, 498–507 (2014). Galique, M., Bouteiller, M. & Merieau, A. The Type VI Secretion System: A Dynamic System for Bacterial Communication? Front Microbiol 8, 1454 (2017).