

## Programme Génomique, Biotechnologies végétales

### -Edition 2010-

Liste des projets sélectionnés (par ordre alphabétique) :

Acronyme et titre du projet	Coordinateur
<b>BrassiNAM</b> : Development of a Nested Association Mapping population for complex traits dissection in Brassica napus	Bruno GREZES-BESSET
<b>Chloro-types</b> : Chloroplast adaptation to abiotic stresses: use of proteomics to reveal molecular phenotypes	Norbert ROLLAND
<b>CNV-MAIZE</b> : Genome-wide association study between structural variation, agronomic traits variation and heterosis in maize	Stéphane NICOLAS
<b>DURAVITIS</b> : Developmental, molecular and genetic bases of the grapevine adaptation to thermal stress	Laurent TORREGROSA
<b>EFG-MIG</b> : Evolutionary and Functional Genomics of Modified Indole Glucosinolates	Juergen KROYMANN
<b>GEMBAL</b> : Multi-breed Genomics of Beef and Dairy Cattle	Florence PHOCAS
<b>GENAMIBE</b> : Understating the Pathogenicity of Entamoeba Using Comparative Transcriptomics and Phylogenomics	Nancy GUILLEN
<b>GNPASSO</b> : A generic tool for managing and exploiting genetic association studies results using high throughput genotyping data and high throughput phenotyping	Delphine STEINBACH
<b>Immunit-Ae</b> : Genetic diversity and mechanisms of resistance to Aphanomyces euteiches in legumes	Christophe JACQUET
<b>PHENOBLE</b> : Development and utilization of new generation phenotyping tools to analyse genetic determinants of nitrogen fertilisers use efficiency in bread wheat	Katia BEAUCHENE
<b>RepliCoIScope</b> : Sequencing and comparative genomics of Escherichia coli plasmids: a way to understand the evolutionary success of extended-spectrum $\beta$ -lactamases	Catherine BRANGER
<b>SUS_FLORA</b> : Gut microbiota and homeostasis of immune system in swine: a joint genetic and genomic study	Claire ROGEL GAILLARD

**UtOptGe** : Towards the Optimal use of Genomic Information in pyramid schemes Catherine LARZUL

**XANTHOMIX** : Comparative genomics and transcriptomics of plant-pathogenic xanthomonads Ralf KOEBNIK

*La décision de financement de ces projets est conditionnée par la validation des budgets des projets, par les résultats de l'analyse financière des partenaires privés et par la fourniture par chaque partenaire des informations administratives et financières nécessaires.*

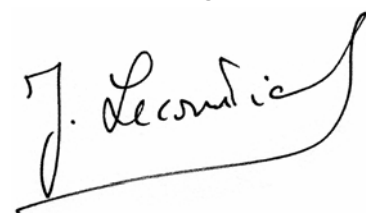
Liste complémentaire :

<b>Acronyme et titre du projet</b>	<b>Coordinateur</b>
<b>1. PhyloFish</b> : RNASeq-based PHYLOGenomic analysis of geneduplications in teleost FISHes	Julien BOBE
<b>2. SOLAR</b> : Developing and testing new biotechnological tools to increase seed oil yield: a key to the production of hydrocarbon chains in oleaginous crop species	Sébastien BAUD
<b>3. WALLARRAY-II</b> : Glycan microarrays of cell wall polysaccharides in functional genomics	Hervé CANUT
<b>4. CartoSeq</b> : Large-scale identification of the causative genetic variants influencing traits of economic interest in French dairy breeds	Dominique ROCHA
<b>5. BRACHYTIL</b> : Implementation of a TILLing platform for functional characterization of Brachypodium distachyon	Richard SIBOU
<b>6. Fun-MetaGenObes</b> : Functional analysis of human intestinal metagenome during caloric restriction in obesities by large scale expression pattern studies	Pierre RENAULT
<b>7. MUSCASEQ</b> : Sequencing of the Muscadinia rotundifolia genome for the characterization of genes of interest and the breeding of grapevine varieties resistant to pests and diseases	Didier MERDINOGLU
<b>8. Milk ChEST</b> : Integrative biology of the protein and lipid secretion pathways in the mammary epithelial cell: molecular dissection of milk fat adaptability	Patrice MARTIN

*La liste des projets définitivement financés par l'ANR sera rendue publique au terme des instructions administrative et financière.*

Paris, le 9 juillet 2010

Le Directeur général



Jacqueline Lecourtier