

Programme de Génomique et Biotechnologies végétales

-Edition 2009-

Liste des projets sélectionnés (par ordre alphabétique) :

Acronyme et titre du projet	Coordinateur
BIOCART2 : Molecular mechanisms of cartilage maturation and osteochondrosis susceptibility in horses	Laurent SCHIBLER
CerealDefense : Transgenesis and genomics for a better understanding and use of pathogen resistance in rice and wheat	Jean-Benoit MOREL
CHIEF : Research of genes implied in determinism of digestive capacity and manure production in chickens	Sandrine GRASTEAU
COFFEASEQ : Sequencing the coffee tree genome (<i>Coffea canephora</i>)	Patrick WINCKER
ENDOREPIGEN : The role of endoreduplication and epigenetic phenomena in regulating fruit growth and development	Christian CHEVALIER
EpiBird : Epigenetics analysis in bird	Frédérique PITEL
Funglsochores : Isochores and effectors : genome reshaping and the birth of highly pathogenic species in fungal phytopathogens	Thierry ROUXEL
GEMO : Evolutionary Genomics of Magnaporthe oryzae	Elisabeth FOURNIER
GeneTOP : Gene Targeting Optimisation in Plants	Fabien NOGUE
GENIDOV : Gene network involved in ovarian development in goat and mouse	Eric PAILHOUX
Genotrout : Sequencing the rainbow trout genome using new ultra high throughput sequencing technologies (*)	Yann GUIGUEN
GW-Aphid : Genome-wide approaches for identifying genes controlling sexual and asexual reproduction in the pea aphid	Denis TAGU
MAGIC-TomSNP : Valorisation of genetic and genomic resources of Tomato for the improvement of fruit quality	Mathilde CAUSSE

NUE-MAIZE : Improving nitrogen use efficiency in maize through functional validation of candidate genes	Bertrand HIREL
PELICAN : Competing for light in the ocean: An integrative genomic approach of the ecology, diversity and evolution of cyanobacterial pigment types in the marine environment	Frédéric PARTENSKY
PORCINET : Systems biology of piglet maturity	Laurence LIAUBET
PROMETHEUS : Project on Metagenomics/transcriptomics of the global ocean unicellular Eukaryotes (*)	Olivier JAILLON
PT-Flax : Phenotyping and tilling of Flax EMS Mutants	Simon HAWKINS
RegulBASS : Regulatory polymorphisms and determinism of differential gene expression in the sea bass, <i>Dicentrarchus labrax</i> , a major finfish aquaculture species	Bruno GUINAND
Rules&Tools : Statistical methods for the dissection of trait variability with SNP chips	Jean-Michel ELSÉN
SEQ-POLYNAP : Sequencing the highly duplicated and recent polyploid genome of oilseed rape (<i>Brassica napus</i>) crop	Boulos CHALHOUB
SingleMeiosis : Identification of the whole set of meiotic recombination events in a single meiosis of <i>Arabidopsis thaliana</i>	Christine MEZARD
SNP-BB : SNP mapping of Quantitative Trait Loci for social BEHAVIOUR and production traits in BIRD	Christine LETERRIER
TARA-GIRUS : Tara-Oceans? Girus Inventory and Resources	Hiroyuki OGATA
VITAROMA : Functional genomics of aroma compounds biosynthesis in grape berries	Philippe HUGUENEY
Vit-Sec : Molecular bases of grapevine adaptation to water deficit	François BARRIEU
3BSEQ : Sequencing, annotation, and characterization of the bread wheat chromosome 3B	Catherine FEUILLET

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 :

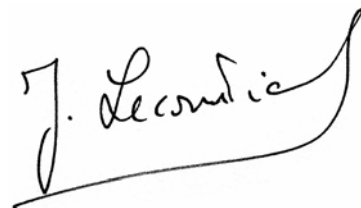
Acronyme et titre du projet	Coordinateur
1. GENOPEA : Pea and <i>M. truncatula</i> comparative genomics of N plant cycle: a case study for the transfer of knowledge from a model to a crop species	Judith BURSTIN

- 2. EpigRAni** : Epigenetics of farm animals : contribution of epigenetics to polygenetically-regulated agronomic trait phenotypes Jean-Paul RENARD
- 3. GAIN-SPEED** : Genome sequence, association mapping and NILs to speed up QTL tagging on wheat chromosome 3B Sébastien FAURE
- 4. EUMETASOL** : Exploring the soil eukaryotic metatranscriptome ? A biotech resource Roland MARMEISSE-LEM
- 5. OSR_NAM** : Development of a nested association mapping for complex traits dissection in Oilseed rape Bruno GREZES-BESSET
- 6. BONANZA** : Dissecting Brassica Napus oil yield under N limitation ? An association approach Jeroen WILMER
- 7. SUS_FLORA** : Gut microbiota and homeostatis of immune system in swine : a joint genetic and genomic study Claire ROGEL-GAILLARD
- 8. Fun-MetGenObes** : functional analysis of human intestinal metagenome during caloric restriction in obeses by large scale expression pattern studies Pierre RENAULT

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

Paris, le 3 juillet 2009

Le Directeur général



Jacqueline Lecourtier