



Vegenov

Customized plant research

Marker assisted selection (MAS)

Optimise your breeding process

Vegenov develops molecular biology tools to help you to:

Accelerate the recovery to the recurrent genetic background

Accelerate the introgression of traits of interest

- ◆ **Search for molecular markers** of the genetic background or linked to genomic regions controlling traits of interest;
- ◆ **Study of the diversity of your genetic resources** to optimise the choice of the best parents to cross;
- ◆ **Screening of your progeny during selection** at a very early stage of development with markers from the gene pool and/or markers linked to loci of interest (major genes or QTL).

List of species for which we offer markers on a routine basis:



Allium
CMS



Pepper
TMV-L3, Xcv,
TSWV



Melon
Aphis gossypii



Asparagus
Sexual determinism (super-male)



Wheat
OWBM, Eye Spot disease,
SBMV, vernalization,
Dwarfing



Tomato
Fol 0-1, RKN, TSWV,
ToMV, Verticillium



Pea
PEMV



Prunus
Self-incompatibility, Plum Pox
Virus, Green aphid, Powdery
mildew, Bacterial spot



Rapeseed
Rfo



Rice
Herbicide
resistance



We can also develop new markers to meet your needs



Charlotte Roby – Project Manager in Plant Breeding Research

robey@vegenov.com - Tel : +33 (0) 2 98 29 06 44

Vegenov – 1040 Pen ar Prat • F-29250 St Pol de Léon • France - www.vegenov.com