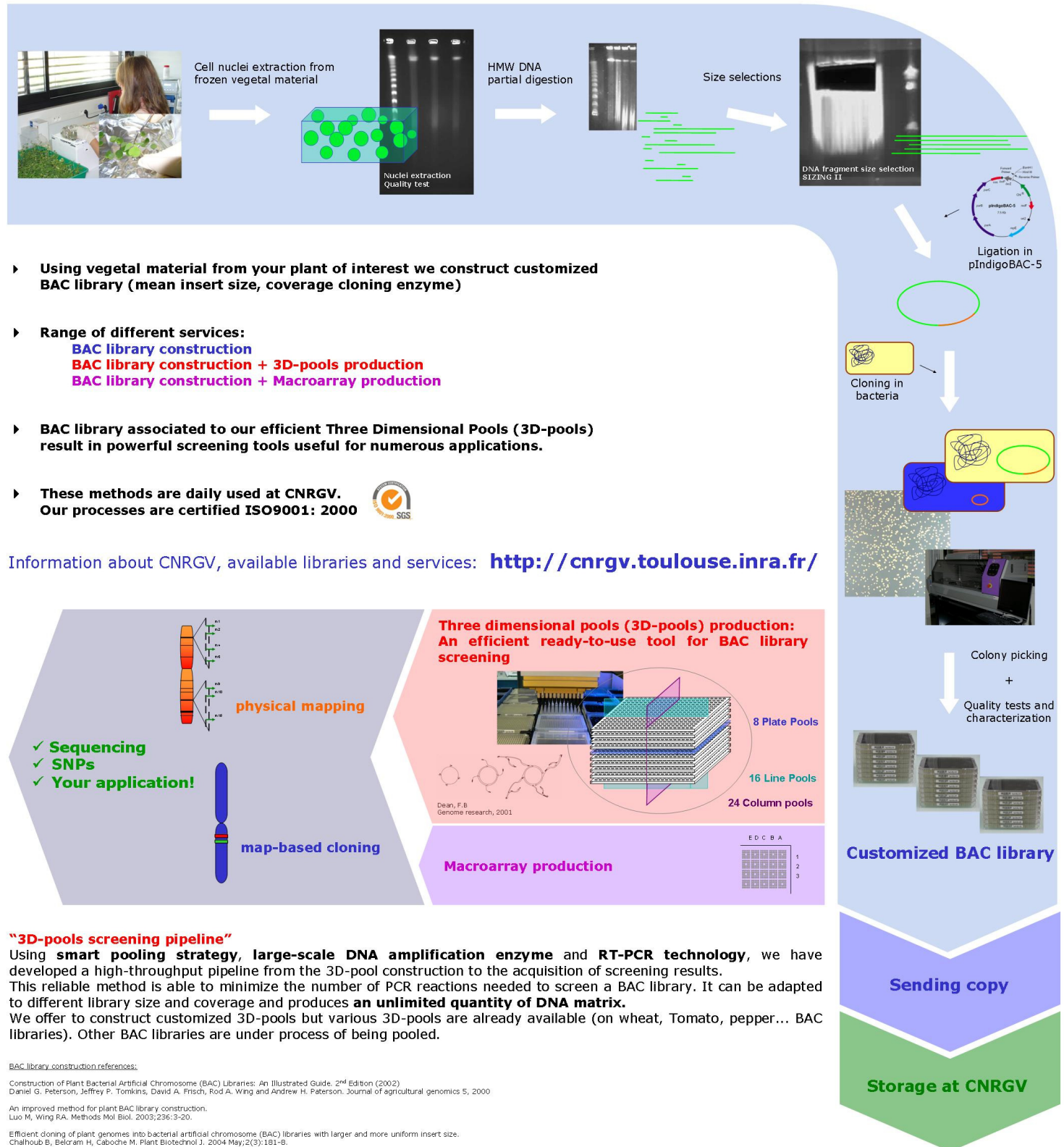


Arnaud Bellec, Guillaume Vaganay, Sonia Vautrin, Elisa Prat, Joelle Fourment, Nicolas Helmstetter, Hélène Berges  
 French Plant Genomic Resource Center INRA - CNRGV Chemin de Borde Rouge BP 52627 31326 Castanet Tolosan cedex France

**French Plant Genomic Resource Center (CNRGV)** has been created in France in 2004 by the French National Institute for Agricultural Research (INRA). It is both a **repository centre for plant genomic resources** and a **service provider** dedicated to the scientific community.

**Because cloning of genomes into bacterial artificial chromosome (BAC) libraries constitutes an invaluable tool for genomic analysis, CNRGV offers to construct plant BAC libraries.**

BAC library construction can be associated to our efficient **3D-pools** production methods. These methods have been validated and are daily used at CNRGV. The "3D-pools screening pipeline" has been developed at CNRGV. Various projects on model and crop plants are already under progress.



**BAC library construction references:**

Construction of Plant Bacterial Artificial Chromosome (BAC) Libraries: An Illustrated Guide, 2nd Edition (2002)  
 Daniel G. Peterson, Jeffrey P. Tomkins, David A. Frisch, Rod A. Wing and Andrew H. Paterson. Journal of agricultural genomics 5, 2000

An improved method for plant BAC library construction.  
 Luo M, Wing RA. Methods Mol Biol. 2003;236:3-20.

Efficient cloning of plant genomes into bacterial artificial chromosome (BAC) libraries with larger and more uniform insert size.  
 Chalhouh B, Belcrain H, Caboche M. Plant Biotechnol J. 2004 May;2(3):181-8.