

**Position name and description:**

Postdoctoral position in the laboratory of Dr Jose M. Casacuberta on comparative genome analysis by re-sequencing of melon varieties to detect transposable elements movement.

Department: Plant Molecular Genetics

Staff Scale: Postdoctoral

Number of positions offered: 1

Workplace: Campus de la UAB. CRAG Building

Tasks, Duties and Responsibilities:

Analysis of Solexa sequences obtained by re-sequencing different melon varieties, and their comparison with the melon reference sequence, to detect new insertions or deletions of transposable elements. Wet-lab analysis of the activity of the potentially active transposons detected.

Required Skills:

Postdoctoral scientist with a PhD in bioinformatics/plant molecular biology, Strong background in genome-wide analyses and a good knowledge of basic molecular biology techniques. Previous knowledge of plant genome structure and evolution and transposable element biology will be an asset.

Additional Specifications:**Qualifications:**

Postdoctoral scientist with a PhD in bioinformatics/plant molecular biology

Jobs conditions:

Temporary Contract

Full time: 37.5h/week

All candidates must apply at: <http://www.cragenomica.es/jobs/jobs.php>

Application deadline:

June, 30 2011