



Embrapa Bioinformatics Multi-Users Laboratory – LMB

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The Bioinformatics Multi-Users Laboratory of Embrapa provides an array of shared research resources and infra-structure to the Embrapa community and research collaborators. The primary mission of the LMB is to address the increasing need of Embrapa investigators for support and solutions in Bioinformatics in a collaborative environment. To fulfill this mission, the LMB collaborates on research projects that require expertise in genome assembly, meta-genomics analysis to unravel candidate genes, molecular markers, differential gene expression, and structural bioinformatics, and assists in the implementation of computational solutions. We also have expertise in bioinformatics software and high-performance hardware, besides working together with multiple laboratories to develop novel applications using next generation sequencing technologies. An important part of LMB mission is education. We organize various bioinformatics related workshops helping researchers to carry out analysis themselves. The most demanded workshops in the last months are on the use of the bioinformatics tools Galaxy and Gbrowse, although we are always updating our portfolio according to the new technologies. The shared resources of the facility are open to all investigators at Embrapa. LMB also provides resources to collaborators. In order to obtain access or to request a collaboration it is necessary to fill and send a form with project information. The form can be obtained from: <http://www.lmb.cnptia.embrapa.br/politicas-de-acesso>

Keywords:

Concentration area: Inst



X-meeting 2012
