The Vital-IT HPC and the Swiss-Prot group

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Biomedical research requires increasing computing power to analyse the huge amounts of data researchers accumulate using high-throughput technologies. However computing power itself is not sufficient, the joint knowledge and expertise of qualified bioinformaticians, statisticians, and IT specialists is essential to provide an efficient support to large-scale projects in biology. Vital-IT is a High Performance Center dedicated to support biological projects within Switzerland. In conjunction with the Swiss-Prot group in Geneva, it forms a unique entity providing both infrastructure and a set of experts in all fields required by modern biology projects. A few examples of genome assembly projects are presented.

References
1. Wurm et al., The genome of the fire ant Solenopsis invicta. PNAS 2011 Apr 5;108(14):5679-84. PMID: 21282665.

Relevant Web sites