



BMC

Bioinformatics

CONTENTS

Volume 10
Supplement 4
2009

Open Access

IEEE International Conference on Bioinformatics and Biomedicine (BIBM) 2008

Philadelphia, PA, USA
3-5 November 2008

Edited by Sun Kim

www.biomedcentral.com/1471-2105/10?issue=S4

S1 Identifying promoter features of co-regulated genes with similar network motifs

Oscar Harari, Coral del Val, Rocío Romero-Zaliz, Dongwoo Shin, Henry Huang, Eduardo A Groisman and Igor Zwir

S2 Efficient use of unlabeled data for protein sequence classification: a comparative study

Pavel Kuksa, Pai-Hsi Huang and Vladimir Pavlovic

S3 Using tree diversity to compare phylogenetic heuristics

Seung-jin Sul, Suzanne Matthews and Tiffani L Williams

S4 Mixture of experts models to exploit global sequence similarity on bimolecular sequence labeling

Cornelia Caragea, Jivko Sinapov, Drena Dobbs and Vasant Honavar

S5 Assessing reliability of protein-protein interactions by integrative analysis of data in model organisms

Xiaotong Lin, Mei Liu and Xue-wen Chen

S6 Modeling post-transcriptional regulation activity of small non-coding RNAs in *Escherichia coli*

Rui-Sheng Wang, Guangxu Jin, Xiang-Sun Zhang and Luonan Chen

S7 A kernel-based approach for detecting outliers of high-dimensional biological data

Jung Hun Oh and Jean Gao

S8 Core and periphery structures in protein interaction networks

Feng Luo, Bo Li, Xiu-Feng Wan and Richard H Scheuermann

S9 Biclustering of microarray data with MOSPO based on crowding distance

Junwan Liu, Zhoujun Li, Xiaohua Hu and Yiming Chen

S10 Analysis of multiplex gene expression maps obtained by voxelation

Li An, Hongbo Xie, Mark H Chin, Zoran Obradovic, Desmond J Smith and Vasileios Megalookonomou

Editor-in-Chief
Melissa Norton, MD

Biology Editor
Penny Webb, PhD

In-house Editor
Tim Sands

BMC Bioinformatics (www.biomedcentral.com/bmc/bioinformatics) is an open access journal published by BioMed Central Ltd. The journal publishes original peer-reviewed research articles in all aspects of computational methods used in the analysis and annotation of sequences and structures, as well as all other areas of computational biology. *BMC Bioinformatics* (ISSN 1471-2105) is indexed/tracked/covered by PubMed, MEDLINE, BIOSIS, CAS, Scopus, EMBASE, Thomson Reuters (ISI) and Google Scholar.

Contact BioMed Central
supplements@
biomedcentral.com



BioMed Central
The Open Access publisher