References

[1] Gürkan Bebek, Petra Berenbrink, Colin Cooper, Tom Friedetzky, Joseph H. Nadeau, and S. Cenk Sahinalp. Improved duplication models for proteome network evolution. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 119–137. Springer-Verlag, Berlin-Heidelberg, 2007.

[2] Chih-Yu Chen, Von-Wun Soo, and Chi-Li Kuo. Application of expectation maximization clustering to transcription factor binding positions for cdna microarray analysis. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 138–149. Springer-Verlag, Berlin-Heidelberg, 2007.

[3] Elissa J. Chesler and Michael A. Langston. Combinatorial genetic regulatory network analysis tools for high throughput transcriptomic data. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 150–165. Springer-Verlag, Berlin-Heidelberg, 2007.

[4] Michiel de Hoon and Dennis Vitkup. Comparative systems biology of the sporulation initiation network in prokaryotes. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 62–69. Springer-Verlag, Berlin-Heidelberg, 2007.

[5] David L. Dill, Merrill A. Knapp, Pamela Gage, Carolyn Talcott, Keith Laderoute, and Patrick Lincoln. The pathalyzer: A tool for analysis of signal transduction pathways. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the*

Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005), volume 4023 of *LNCS/LNBI*, pages 11–22. Springer-Verlag, Berlin-Heidelberg, 2007.

[6] Chien-Hung Huang, Jywe-Fei Fang, Jeffrey J.P. Tsai, and Ka-Lok Ng. Topological robustness of the protein-protein interaction networks. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 166–177. Springer-Verlag, Berlin-Heidelberg, 2007.

[7] Sudhakar Jonnalagadda and Rajagopalan Srinivasan. A bayesian approach for integrating transcription regulation and gene expression: Application to saccharomyces cerevisiae cell cycle data. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 178–187. Springer-Verlag, Berlin-Heidelberg, 2007.

[8] Haseong Kim, Jae K. Lee, and Taesung Park. Improvement of computing times in boolean networks using chi-square tests. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 70–79. Springer-Verlag, Berlin-Heidelberg, 2007.

[9] David Kulp and Manjunatha Jagalur. Causal inference of regulator-target pairs by gene mapping of expression phenotypes. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 95–106. Springer-Verlag, Berlin-Heidelberg, 2007.

[10] Michal Lapidot and Yitzhak Pilpel. Characterization of the effects of tf binding site variations on gene expression towards predicting the func-

tional outcomes of regulatory snps. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 51–61. Springer-Verlag, Berlin-Heidelberg, 2007.

[11] Wolfgang Lehrach, Dirk Husmeier, and Christopher K.I. Williams. Probabilistic in silico prediction of protein-peptide interactions. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 188–197. Springer-Verlag, Berlin-Heidelberg, 2007.

[12] Orna Man, Joel L. Sussman, and Yitzhak Pilpel. Examination of the trna adaptation index as a predictor of protein expression levels. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 107–118. Springer-Verlag, Berlin-Heidelberg, 2007.

[13] Aviv Mezer, Eran Bosis, Uri Ashery, Esther Nachliel, and Menachem Gutman. A comprehensive kinetic model of the exocytotic process: Evaluation of the reaction mechanism. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 249–257. Springer-Verlag, Berlin-Heidelberg, 2007.

[14] Silpa Suthram, Tomer Shlomi, Eytan Ruppin, Roded Sharan, and Trey Ideker. Comparison of protein-protein interaction confidence assignment schemes. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 39–50. Springer-Verlag, Berlin-Heidelberg, 2007.

[15] Sing-Hoi Sze and Xiaoyan Zhao. Improved pattern-driven algorithms for motif finding in dna sequences. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 198–211. Springer-Verlag, Berlin-Heidelberg, 2007.

[16] Guandong Wang and Weixiong Zhang. Build a dictionary, learn a grammar, decipher stegoscripts, and discover genomic regulatory elements. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 80–94. Springer-Verlag, Berlin-Heidelberg, 2007.

[17] Huiquan Wang and Craig J. Benham. Annotation of promoter regions in microbial genomes based on dna structural and sequence properties. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 212–224. Springer-Verlag, Berlin-Heidelberg, 2007.

[18] Li-San Wang, Shane T. Jensen, and Sridhar Hannenhalli. An interaction-dependent model for transcription factor binding. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 225–234. Springer-Verlag, Berlin-Heidelberg, 2007.

[19] Weihui Wu, Yongling Song, Shouguang Jin, and Su-Shing Chen. An interactive map of regulatory networks of pseudomonas aeruginosa genome. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 1–10. Springer-Verlag, Berlin-Heidelberg, 2007.

[20] Xuefeng Zhou, Jianhua Ruan, Guandong Wang, and Weixiong Zhang. Computational characterization and identification of core promoters of microrna genes in c. elegans, h. sapiens and a. thaliana. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 235–248. Springer-Verlag, Berlin-Heidelberg, 2007.

[21] Elena Zotenko, Katia S. Guimarães, Raja Jothi, and Teresa M. Przytycka. Decomposition of overlapping protein complexes: A graph theoretical method for analyzing static and dynamic protein associations. In Eleazar Eskin, Trey Ideker, Ben Raphael, and Christopher Workman, editors, *Proceedings of the Joint Annual RECOMB 2005 Satellite Workshops on Systems Biology and on Regulatory Genomics (San Diego, CA, USA, December 2-4, 2005)*, volume 4023 of *LNCS/LNBI*, pages 23–38. Springer-Verlag, Berlin-Heidelberg, 2007.