

SyBBi Paper Reading Class  
 Graduate Institute of Systems Biology and Bioinformatics  
 Spring term 2008  
 Supervised by HC Lee  
 Student Groups

Group A 李興中 宋子承 劉婷婷 蘇禹軒 邱佩洵 \*陳鴻大

A1	EXPERIMENTAL BIOLOGY 2005	Assessing physiological complexity	Hsin-Chung Lee
A2	Proteome Research 2007	Protein Identification and Peptide Expression Resolver: Harmonizing Protein Identification with Protein Expression Data	Ting-Ting Liu
A3	Nature 2008	Predicting expression patterns from regulatory sequence in <i>Drosophila</i> segmentation	Tzu-Cheng Sung
A4	Nature 2007	Crystal structure of the human $\beta 2$ adrenergic G-protein-coupled receptor	Yu-Syuan Su
A5	Nature 2006	Blockade of Dll4 inhibits tumour growth by promoting non-productive angiogenesis	Pei-Hsun Chiu

Group B 王佩文 陳寶興 洪志聖 陳曉蓉 劉禎炘 \*曾致遠

B1	RNA 2007	MicroRNA regulation of human protein protein interaction network	Pei-Wen Wang
B2	Science 2007	Genome Transplantation in Bacteria: Changing One Species to Another	Bao-Hing Chan
B3	Science 2008	Worldwide Human Relationships Inferred from Genome-Wide Patterns of Variation	Chin-Sheng Hung
B4	Nature 2007	A genome-wide association study identifies novel risk loci for type 2 diabetes	Chen-Chiung Liu
B5	PNAS 2003	Generating a synthetic genome by whole genome assembly: $\phi$ X174 bacteriophage from synthetic oligonucleotides	Hsiao-Jung Chen

Group C 謝佩君 曾愛倫 邱義涵 蘇文祥 阮玉俊\*游竣評

C1	Human Reproduction 2004	Novel universal approach for preimplantation genetic diagnosis of b-thalassaemia in combination with HLA matching of embryos	Wen-Hsiang Su
C2	Genome Research 2007	Butyrate mediates decrease of histone acetylation centered on transcription start sites and down-regulation of associated genes	Ai-Lun Tseng
C3	PLoS Computational Biology 2008	Noise Propagation and Signaling Sensitivity in Biological Networks: A Role for Positive Feedback	Yih-Harn Chiou
C4	Genome Research 2007	Pseudogenes in the ENCODE regions: Consensus annotation, analysis of transcription, and evolution	Pei-Jun Hsieh
C5	Eur Biophys J 2007	Small angle neutron and X-ray scattering in structural biology: recent examples from the literature	Nguyen-Ngoc Tuan

Group D 陳欣皓 林祐詩 洪一靈 柯怡安 \*陳志浩

D1	Molecular Systems Biology 2008	Accurate prediction of protein-protein interactions from sequence alignments using a Bayesian method	Hsin-Hao Chen
D2	Nature 2006	Global variation in copy number in the human genome	Yi-An Ko
D3	Nature 2007	The biological impact of mass-spectrometry-based proteomics	Yi-Lin Hung
D4	PNAS 2006	Carboxyethylpyrrole oxidative protein modifications stimulate neovascularization: Implications for age-related macular degeneration	Jack Lin