

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

Group A 林澂 王利民 賴俊傑 劉志中 王婷 *許梓亭

A1	PNAS October 3, 2006 vol. 103 no. 40 14724-14731	Genomic analysis of the hierarchical structure of regulatory networks	Chen Lin
A2	Nature Methods - 5, 69 - 74 (2008)	A proteome chip approach reveals new DNA damage recognition activities in Escherichia coli	Li-Ming Wang
A3	PNAS July 10, 2007 vol. 104 no. 28 11649-11654	Bak regulates mitochondrial morphology and pathology during apoptosis by interacting with mitofusins	Chun-Chieh Lai
A4	Nature Review Drug Discovery 2004 Sep;3(9):749-61	Technology platforms for pharmacogenomic diagnostic assays	Chih-Chung Liu
A5	PNAS November 20, 2007 vol. 104 no. 47 18654-18659	Integrated genetic and epigenetic analysis identifies three different subclasses of colon cancer	Ting Wang

Group B 鄭詠慈 林坤賢 陳彥如 鄭主佑 *陳鴻大 *陳志浩

B1	JNCI Journal of the National Cancer Institute 2007 99(2):147-157.	Critical Review of Published Microarray Studies for Cancer Outcome and Guidelines on Statistical Analysis and Reporting	Yung-Tsu Cheng
B2	CMAJ. 2006 January 31; 174(3): 341-348.	Epigenetics and human disease: translating basic biology into clinical applications	Kun-Sian Lin
B3	FEBS Letters 2008;582(1):142-51.	Sleep and circadian rhythms: Key components in the regulation of energy metabolism	Yen-Ju Chen
B4	PNAS November 27, 2007 vol. 104 no. 48 18982-18987	Phenotypic variability of growing cellular populations	Chu-Yu Cheng

Group C 賴宗炫 何宇軒 戴貝蓁 蔡承遠 *游竣評

C1	Nature 442, 403-411 (27 July 2006)	Cells on chips	Tsung-Hsuan Lai
C2	European Journal of Cancer, Volume 44, Issue 3, Pages 472-480	Serum proteome profiling of metastatic breast cancer using recombinant antibody microarrays	Yu-Hsuan Ho
C3	Nature Genetics 39, 1256 - 1260 (2007)	Diet and the evolution of human amylase gene copy number variation	Pei-Chen Tai
C4	Journal of Clinical Microbiology 2004 November; 42(11): 4996-5000.	Evaluation of a Multiplexed Bead Assay for Assessment of Epstein-Barr Virus Immunologic Status	Chen-Yuan Tsai

Group D 鍾豐翔 馬誠宏 蔡濟謙 楊庭 *范文郎 *康星源

D1	Nature 452, 840-845 (17 April 2008)	Evolvability and hierarchy in rewired bacterial gene networks	Feng-Hsiang Chung
π D2	Molecular Systems Biology 4 Article number: 209	From E-MAPs to module maps: dissecting quantitative genetic interactions using physical interactions	Cheng-Hung Ma
D3	Molecular Systems Biology 2 Article number: 2006.0008	Construction of Escherichia coli K-12 in-frame, single-gene knockout mutants: the Keio collection	Chi-Chien Tsai
D4	Bioinformatics 2008 24(1):102-109.	Fast and accurate identification of semi-tryptic peptides in shotgun proteomics	Ting Yang