Supporting Information for

Stratus not altocumulus: a new view of the yeast protein interaction network

Nizar N. Batada¹, Teresa Reguly, Ashton Breitkreutz, Lorrie Boucher, Bobby-Joe Breitkreutz, Laurence Hurst³ and Mike Tyers^{1,2}

Supplementary Table

Supplementary Table 1: Fraction of interactions with shared GO annotation.

Shared annotation for interacting pairs in the FYI [1] and the full HC network were calculated. Statistical significance of differences in the fraction of shared annotation between FYI and HC were computed using Fisher's Exact Test (P<0.01). Only those interactions are considered in which both protein partners have a known GO annotation.

| | GO | GO | GO |
|------------------------|-----------------|----------------|-----------|
| | Function | Process | Component |
| FYI | 0.62 | 0.67 | 0.63 |
| HC | 0.43 | 0.43 | 0.49 |
| HC ^h | 0.52 | 0.50 | 0.52 |
| HC ^m | 0.49 | 0.48 | 0.55 |
| LC | 0.37 | 0.36 | 0.46 |

¹ Samuel Lunenfeld Research Institute, Mount Sinai Hospital, 600 University Ave, Toronto, Canada M5G 1X5

² Department of Medical Genetics and Microbiology, University of Toronto, Toronto, Canada M5S 1A8

³Department of Biology and Biochemistry, University of Bath, Bath, UK, BA2 0TA