

Supplement 3

Peptide distribution for dynamic and static experiments

	Dynamic experiment			Static experiment	
	Dyn1	Dyn2	Dyn3	Sta1,2	Sta3
Peptides *	10696	10243	21138	6178	9473
Phycobilisome proteins	3376 (31.6%)	3049 (29.8%)	6230 (29.5%)	1861 (30.1%)	2890 (30.5%)
30S and 50S ribosomal proteins	632 (5.9%)	632 (6.2%)	1449 (6.9%)	384 (6.2%)	586 (6.2%)
Chaperonins (groES, groEL1-2)	342 (3.2%)	349 (3.4%)	894 (4.2%)	304 (4.9%)	321 (3.4%)
ATP synthase	342 (3.2%)	355 (3.5%)	730 (3.5%)	221 (3.5%)	267 (2.8%)
Rubisco subunits	234 (2.3%)	271 (2.6%)	571 (2.7%)	200 (3.2%)	261 (2.8%)
TufA	196 (1.8%)	228 (2.2%)	388 (1.8%)	177 (2.8%)	184 (1.9%)

* Identified with 95% confidence