

Table S5 Performance COSPOT and DFT on *C. reinhardtii*

Method and α levels	Genome Coverage ¹	Gold Stand Coverage ²
COSPOT		
$\alpha = 0.01$	21.0% (3590)	6.7% (1)
$\alpha = 0.02$	37.4% (6400)	46.7% (7)
$\alpha = 0.05$	54.9% (9392)	73.3% (11)
DFT		
$\alpha = 0.01$	29.6% (5061)	33.3% (5)
$\alpha = 0.02$	37.6% (6443)	53.3% (8)
$\alpha = 0.05$	55.8% (9556)	73.3% (11)

1. Parentheses indicated the actual number of genes covered

2. Parentheses indicated how many of 15 gold standard genes are identified as cyclic