

Table 3 Comparison of subcellular proteome distribution in green algae, monocot and dicot plants

	Proteome	Secretome (%)	Mitochondrial		Chloroplast		Cytosol (%)	Vacuole (%)	Plasma Membrane (%)	Nucleus (%)
			Membrane (%)	Non-membrane (%)	Membrane (%)	Non-membrane (%)				
Green algae	10371	284 (2.7)	286 (2.8)	1975 (19.0)	201 (1.9)	1284 (12.4)	1933 (18.8)	83 (0.8)	341 (3.3)	1567 (14.5)
Monocot	43653	2667 (6.1)	834 (1.9)	7140 (16.4)	702 (1.6)	6304 (14.4)	6822 (15.6)	381 (0.9)	1699 (3.9)	7947 (18.2)
Dicot	45715	2645 (5.8)	562 (1.2)	5098 (11.2)	712 (1.6)	5122 (11.2)	8600 (18.8)	459 (1.0)	2180 (4.8)	10342 (22.6)
T-test	ns	ns	***	***	ns	***	***	ns	ns	***

Note: T-test was used to compare the subcellular proteome (%) distribution in monocots and dicots. ns: not significant; ***: highly significant ($t < 0.001$)