

Additional file 1: Table S1.

Sl. No.	Archaeplastida species	Species Abbreviation	Number of proteins
1.	<i>Arabidopsis thaliana</i>	At	41
2.	<i>Oryza sativa</i>	Os	41
3.	<i>Pinus abies</i>	Pa	36
4.	<i>Selaginella moellendorffii</i>	Sm	51
5.	<i>Physcomitrella patens</i>	Pp	46
6.	<i>Marchantia polymorpha</i>	Mp	32
7.	<i>Nitella mirabilis</i>	Nm	21
8.	<i>Klebsormidium flaccidum</i>	Kf	34
9.	<i>Micromonas RCC299</i>	Mr	40
10.	<i>Micromonas pusilla</i>	Mpu	27
11.	<i>Ostreococcus tauri</i>	Ot	22
12.	<i>Ostreococcus lucimarinus</i>	Ol	20
13.	<i>Chlorella vulgaris</i>	Cv	22
14.	<i>Chlamydomonas reinhardtii</i>	Cr	27
15.	<i>Volvox carteri</i>	Vc	30
16.	<i>Cyanophora paradoxa</i>	Cp	16

List of species considered in the present study with the corresponding number of SET domain containing protein.