

Table 1S. Two-away *ANOVA* for salinity (30 and 37 psu), treatment (natural, PAR and PAB treatment), and interaction between treatment and salinity for physiological and biochemical parameters of *Acanthophora spicifera*.

	Variable	df	<i>MS</i>	<i>F</i>	<i>p</i>
Growth rates (GR)	Salinity	1	36.254	59.01	0.000
	Treatment	1	20.100	32.71	0.000
	Salinity x Treatment	1	1.592	2.59	0.133
Cell viability (MTT)	Salinity	1	0.003	0.104	0.750
	Treatment	2	2.798	94.72	0.000
	Salinity x Treatment	2	0.169	5.72	0.011
Soluble sugars	Salinity	1	1.422	19.39	0.000
	Treatment	2	3.265	44.51	0.000
	Salinity x Treatment	2	2.446	33.35	0.000
Starch	Salinity	1	0.014	12.91	0.001
	Treatment	2	0.025	23.17	0.000
	Salinity x Treatment	2	0.002	1.91	0.164
Protein	Salinity	1	0.033	5.21	0.034
	Treatment	2	0.070	11.01	0.000
	Salinity x Treatment	2	0.030	4.80	0.021