

Table S1. Monosaccharide composition of green seaweed-derived polysaccharides from UL, HO, CR and CA. Monosaccharide composition of the selected green seaweeds analysed in this study. The data are given as mol %. D-Rhamnose: Rha, Arabinose: Ara, Glucosamine: GlcN, D-Galactose: Gal, D-Glucose: Glc, D-Mannose: Man, D-Xylose: Xyl, Iduronic acid: IdoA, D-Guluronic acid: GulA, Glucuronic acid: GlcA, Mannuronic acid: ManA, Unknown: Unk. UL. *Ulva lactuca*, HO. *Halimeda opuntia*, CR. *Caulerpa racemosa*, CA. *Chaetomorpha antennina*.

	Neutral monosaccharides (%)							Uronic acids (%)					
	Rha	Ara	GlcN	Gal	Glc	Man	Xyl	IdoA	GulA	GlcA	ManA	Unk-1	Unk-2
UL-1A	55.1	-	-	-	0.1	18.9	-	4.3	-	21.5	-	-	-
UL-1B	59.9	-	-	-	0.9	15.0	-	4.9	-	19.2	-	-	-
UL-2B	52.9	-	-	-	1.8	20.0	-	4.8	-	20.6	-	-	-
HO-2A	1.9	-	0.2	73.6	8.8	9.7	1.9	-	-	3.9	-	-	-
CR-1B	1.0	0.6	0.5	41.8	2.5	47.4	3.8	-	-	2.0	-	0.4	-
CR-2A	-	-		37.4	27.7	25.8	2.9	-	1.2	1.3	3.7	-	-
CA-1A	29.7	-	0.3	27.2	7.9	4.9	4.3	2.0	-	15.0	2.6	-	6.1
CA-2A	39.6	-	-	6.7	14.3	-	4.2	2.2	-	23.5	9.6	-	-
CA-2B	51.6	-	-	7.6	1.3	-	6.8	3.5	-	24.9	4.3	-	-

-: not detected (0%)