



Title	Genome editing using a DNA-free clustered regularly interspaced short palindromic repeats-Cas9 system in green seaweed <i>Ulva prolifera</i>
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CreAPT	1	M	A	D	V	E	A	K	K	E	I	I	K	N	A	I	R	G	I	P	D	F	P	H	K	G	I	L	F	W	D	V	T	T	I	M	L	N	H	Q	A	F	Q	Y	S	I	D	L	F	A	E	50																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Appendix S2 Amino acid sequence alignment of the adenine phosphoribosyl transferase (*UpAPT*) gene. The deduced amino acid sequence of *U. prolifera* was compared with those of *Chlamydomonas reinhardtii* (CreAPT). Amino acid residues in common are highlighted and gaps are indicated by dashes. Arrowheads indicate the putative active site deduced by CDD/SPARCLE (Marchler-Bauer *et al.* 2017).