



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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Appendix S3 Genome-edited strains obtained in this study

gRNA#1			gRNA#2		
Strain	Mutation Type	experimental date	Strain	Mutation Type	experimental date
1-3A	M1	4-Mar-20	2-2D	M3	4-Mar-20
1-3C	M5	4-Mar-20	2-3B	M2	4-Mar-20
3-1B	M6	4-Mar-20	2-3D	M2	4-Mar-20
3-4C	M4	4-Mar-20	5-1A	M3	4-Mar-20
3-6D	M8	4-Mar-20	5-1B	M3	4-Mar-20
1-2	M7	12-Jun-20	5-1C	M3	4-Mar-20
1-3	M4	12-Jun-20	5-1D	M6	4-Mar-20
1-4	M3	12-Jun-20	5-2A	M2	4-Mar-20
1-6	M4	12-Jun-20	5-2B	M3	4-Mar-20
1-7	M6	12-Jun-20	5-2C	M1	4-Mar-20
1-9	M1	12-Jun-20	5-2D	M6	4-Mar-20
1-11	M2	12-Jun-20	5-3A	M3	4-Mar-20
			5-3B	M8	4-Mar-20
			5-3C	M6	4-Mar-20
			5-3D	M6	4-Mar-20
			5-4A	M1	4-Mar-20
			5-4C	M9	4-Mar-20
			5-4D	M7	4-Mar-20
			1-2	M4	12-Jun-20
			1-3	M1	12-Jun-20
			1-4	M6	12-Jun-20
			1-7	M3	12-Jun-20
			1-8	M2	12-Jun-20
			1-9	M5	12-Jun-20
			1-12	M6	12-Jun-20