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| 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 |