

Materials List for:

Genotyping of Sea Anemone during Early Development

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Materials

| Name | Company | Catalog Number | Comments |
|---|---------------------------|----------------|-------------------------------|
| Drosophila Peltier Refrigerated Incubator | Shellab | SRI6PF | Used for spawning induction |
| Instant ocean sea salt | Instant ocean | 138510 | |
| Brine shrimp cysts | Aquatic Eco-Systems, Inc. | BS90 | |
| L-Cysteine Hydrochloride | Sigma Aldrich | C7352 | |
| Standard Orbital Shaker, Model 3500 | VWR | 89032-092 | |
| TRIS-HCl, 1M, pH8.0 | QUALITY BIOLOGICAL | 351-007-01 | |
| Potassium chloride | VWR | BDH9258 | |
| EDTA, 0.5M pH8 | VWR | BDH7830-1 | |
| Tween 20 | Sigma Aldrich | P9416 | |
| Nonidet-P40 Substitute | US Biological | N3500 | |
| Proteinase K solution (20 mg/mL), RNA grade | ThermoFisher | 25530049 | |
| Agarose | VWR | 710 | |
| Micro Dissecting needle holder | Roboz | RS-6060 | |
| Tungsten dissecting needle | Roboz | RS-6063 | |
| PCR Eppendorf Mastercycler Thermal Cyclers | Eppendorf | E6336000024 | |
| Phusion High-Fidelity DNA polymerase | New England BioLabs | M0530L | |
| dNTP mix | New England BioLabs | N0447L | |
| GLWamide universal forward primer | | | 5'-CATGCGGAGACCAAGCGCAAGGC-3' |
| Reverse primer specific to <i>glw^a</i> | | | 5'-CCAGATGCCTGGTGATAC-3' |
| Reverse primer specific to <i>glw^c</i> | | | 5'-CGGCCGGCGCATATATAG-3' |