

Materials List for:

# Generation of Fluorescent Protein Fusions in *Candida* Species

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## Materials

| Name                                   | Company                       | Catalog Number        | Comments                          |
|----------------------------------------|-------------------------------|-----------------------|-----------------------------------|
| 100 W mercury lamp                     | CHIU Technical Corporation    | M-100T                |                                   |
| 95% Ethanol                            | Any                           | NA                    |                                   |
| Adenine                                | Any                           | NA                    |                                   |
| Ampicillin                             | Any                           | NA                    |                                   |
| Carrier DNA                            | Ambion                        | AM9680                | Sheared Salmon Sperm DNA 10 mg/ml |
| CCD Camera                             | Photometrics                  | CoolSNAP HQ           |                                   |
| Conical Tube                           | Corning                       | 430828                | 50 ml                             |
| Culture Tube Rotator                   | New Brunswick                 | 2013923               | TC-8, or Any Culture Tube Rotator |
| Deoxynucleotides (dNTP) PCR Grade      | Any                           | NA                    |                                   |
| Eppendorf Tubes                        | Eppendorf                     | 022363719, 022363212  | 0.5 ml, 1.5 ml                    |
| Erlenmeyer Flask                       | Fisher Scientific             | 7250089               | 125 ml                            |
| Ethylenediaminetetraacetic Acid (EDTA) | Any                           | NA                    |                                   |
| Freezer (-80 °C)                       | Thermo Electron Corporation   | ULT-1386-9-V          | Revco Ultima II                   |
| GFP, YFP and Texas Red Filter Sets     | Chroma Technology Corporation | 49002, 86004v2, 49008 |                                   |
| Glass culture tubes                    | Fisher Scientific             | 1496126               | 75 mm                             |
| HRP goat anti-mouse antibody           | Santa Cruz Biotechnology      | SC-2005               |                                   |
| HRP goat anti-rabbit antibody          | Santa Cruz Biotechnology      | SC-2301               |                                   |
| Incubator (30 °C)                      | Any                           | NA                    |                                   |
| Lithium Acetate                        | Any                           | NA                    |                                   |
| Lysogeny Broth (LB) Media              | Any                           | NA                    |                                   |
| Magnesium Chloride                     | Any                           | NA                    |                                   |
| Microcentrifuge                        | Eppendorf                     | 5415 D                |                                   |
| Microscope                             | Nikon                         | E600                  | Nikon Eclipse E600                |
| Microscope Image Analysis Software     | Universal Imaging Corporation | 6.3r7                 | MetaMorph Software Series 6.3r7   |
| Mouse anti-GFP antibody                | Roche                         | 11814460001           |                                   |
| Nourseothricin                         | Fisher Scientific             | 50997939              |                                   |
| PCR Thermocycler                       | Applied Biosystems            | 9700                  | GeneAmp PCR System                |
| PCR tubes                              | BioExpress, GeneMate          | T-3035-1              | 0.2 ml                            |
| Polyethylene Glycol 3350               | Any                           | NA                    |                                   |
| Potassium Chloride                     | Any                           | NA                    |                                   |
| Rabbit anti-mCherry antibody           | BioVision                     | 5993-100              |                                   |

|                                            |                       |         |                |
|--------------------------------------------|-----------------------|---------|----------------|
| Refrigerator (4 °C)                        | Any                   | NA      |                |
| Sodium Acetate                             | Any                   | NA      |                |
| Stereomicroscope                           | Nikon                 | SMZ1500 |                |
| Table Top Centrifuge                       | Labnet                | Z 400   | Hermle Z 400   |
| Taq DNA Polymerase                         | Any                   | NA      |                |
| Tris(hydroxymethyl)aminomethane (Tris)     | Any                   | NA      |                |
| Vortex Mixer                               | Scientific Industries | SI-0236 | Vortex Genie 2 |
| Yeast Extract Peptone Dextrose (YPD) Media | Any                   | NA      |                |