

Materials List for:

Conjugative Mating Assays for Sequence-specific Analysis of Transfer Proteins Involved in Bacterial Conjugation

Fettah Erdogan¹, Cristina Lento¹, Ayat Yaseen¹, Roksana Nowroozi-Dayeni¹, Sasha Kheyson¹, Gerald F. Audette^{1,2}

¹Department of Chemistry, York University

²The Centre for Research on Biomolecular Interactions, York University

Correspondence to: Gerald F. Audette at audette@yorku.ca

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Materials

| Name | Company | Catalog Number | Comments |
|----------------------------------|---------------------|----------------|-----------------------------|
| GeneJet Plasmid Mini-Prep Kit | Fisher Scientific | K0503 | |
| GeneJet Gel Extraction Kit | Fisher Scientific | K0692 | |
| GeneJet PCR Purification Kit | Fisher Scientific | K0702 | |
| Q5 Site-Directed Mutagenesis Kit | New England Biolabs | E0554S | |
| Broad Range DNA Ladder | New England Biolabs | N0303A | |
| Petri Dishes | Fisher Scientific | FB0875713 | |
| Electroporator | Eppendorf | 4309000027 | |
| Electroporation cuvettes | Fisher Scientific | FB101 | Cuvettes have a 1 mm gap. |
| Enzymes | | | |
| AvaI | New England Biolabs | R0152S | |
| EcoRI | New England Biolabs | R0101S | |
| HindIII | New England Biolabs | R0104L | |
| NdeI | New England Biolabs | R0111S | |
| Phusion DNA Polymerase | New England Biolabs | M0530L | |
| T4 DNA Ligase | New England Biolabs | M0202S | |
| DpnI | New England Biolabs | R0176S | |
| Antibiotics | | | Final Concentrations |
| Chloramphenicol (Cm) | Fisher Scientific | BP904-100 | 20 µg/mL |
| Kanamycin (Km) | BioBasic Inc. | DB0286 | 50 µg/mL |
| Nalidixic acid (Nal) | Sigma-Aldrich | N8878-25G | 10 µg/mL |
| Rifampicin (Rif) | Calbiochem | 557303 | 20 µg/mL |
| Tetracycline (Tc) | Fisher Scientific | BP912-100 | 10 µg/mL |
| Streptomycin (Sm) | Fisher Scientific | BP910-50 | 50 µg/mL |