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APPENDIX A: GENERAL MEDIA AND SOLUTIONS

Maintenance of Bacterial Strains

All bacterial isolates were maintained on LB slant in bijoux bottle and kept at 4 °C. All the stock cultures were subculture for every three months.

Luria-Bertani (LB Broth)

Tryptone	4.0 g
Yeast Extract	2.0 g
Sodium chloride	4.0 g
Distilled water	400 ml

Sterilize by autoclaving at 121°C for 15 min.

APPENDIX B: SOLUTION FOR PCR

***Taq* polymerase and other PCR chemicals**
(store at -20 °C)

Gel Electrophoresis

10x Tris-Borate-EDTA(TBE) Buffer

Tris-Base	108.0 g
Boric acid	55.0 g
EDTA	9.3 g
Distilled water	1000 ml

For routine electrophoresis, 10x TBE was diluted to 0.5 x TBE, with the pH 8.3. Solution can be kept at room temperature.

1.0% Agarose (for ERIC)

Agarose	1.0 g
0.5XTBE Buffer	100ml

Heat until the medium boils. Do not overheat

Ethidium Bromide solution

Ethidium bromide	1.0 g
Distilled water	100 ml