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APPENDIX

Preparation of reagents and buffer

10% stool suspension

1. Phosphate buffer saline (PBS), pH 7.4

NaCl	8.0	g
KH ₂ PO ₄	0.2	g
Na ₂ HPO ₄ .12H ₂ O	2.9	g
KCl	0.2	g

Distilled water was added up to 1000 ml

2. 0.1% DEPC

DEPC	100	μl
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Dissolved in 100 ml distilled water

Agarose gel electrophoresis

1. TBE Buffer (10X)

Tris-base	108.0	g
Boric acid	55.0	g
0.5 M EDTA (pH 8.0)	40.0	g

Distilled water was added up to 1000 ml

2. Agarose gel (1.5% or 2.5%)

TBE Buffer (1X)	100	ml
Agarose gal powder	1.5 or 2.5	g

3. Gel-loading Buffer (6X)

0.25% (w/v) Bromophenol blue

0.25% (w/v) Xylene cyanol FF

30% (v/v) Glycerol

4. Stock 10 mg/ml Ethidium bromide

Ethidium bromide	1.0	g
Distilled water	100.0	ml

5. Working 0.5 µg/ml Ethidium bromide

Stock 10 mg/ml Ethidium bromide	25.0	µl
Distilled water	50.0	ml

6. DNA Marker preparation

100 bp DNA Ladder Plus (Fermentas)	20.0	ml
TBE Buffer (1X)	70.0	ml
Gel-loading Buffer	100.0	ml

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