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## Appendix A

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### 1. Bacto-agar Glucose Triphenyltetrazolium chloride (BGT) Media

For one litre

Peptone	10g
Casmino acid / Casein hydrolysate	1g
Yeast extract	1g
Agar bacteriological	15g
1.25% Triphenyltetrazolium chloride (TTC)	4ml
20% Glucose	25ml

Mix the peptone, casmino acid and yeast extract in 500 ml of water, then add agar. Add distilled water to a final volume of one liter. Autoclave the mixture for 20 minutes at 121°C. Add 4ml of TTC with a concentration of 1.25% and 25ml of 20% Glucose and the selected antibiotic if required, just before pouring.

#### 1,25% Triphenyltetrazolium chloride (TTC)

1.25 g TTC dissolved in 100 ml of EtOH, store at 4°C, and cover bottle with foil.

#### 20% Glucose

Dissolve 20 g of glucose in 100 ml of sterile distilled water and autoclave. After opening store at 4°C.



## 2. B MEDIA (LIQUID BROTH)

Peptone	10 g
Casmino acid / Casein hydrolysate	1 g
Yeast extract	1 g

Peptone, casmino acid and yeast extract is added to 500 ml of distilled water and mix thoroughly. Add distilled water to a final volume of one liter. Autoclave the mixture for 20 minutes at 121°C. Add 25 ml of 20% Glucose and antibiotics if required.

## 3. Antibiotics added

	Stock solution	Final concentration
<b>Rifampicin</b>	(50 mg in 1 ml of ethanol)	50 mg
<b>Kanamycin</b>	(50 mg in 1 ml of distilled water)	50 mg
<b>Spectinomycin</b>	(40 mg in 1 ml of distilled water)	40 mg

Kanamycin and Spectinomycin were dissolved in the water and filter-sterilized through 0.2 µm sterile filters. Antibiotic stocks were stored at -20°C

## APPENDIX B

Primers used in the study

Primer	Length (bp)	Sequence 5'-3'	% GC
OLI1	21	GGG GGT AGC TTG CTA CCT GCC	67
Y2	24	CCC ACT GCT GCC TCC CGT AGG AGT	67
RS20	20	GCT CGT GGT CCT GCT CGT GT	65
RS201	20	CTC ACC GCC ACT GCC CAT TA	60
RS600	20	TTT CTC CAT CCT GCC CGC CA	60
RS61	20	CCA GGG CGA AGT AGA TGT TT	50
RS80	20	TTG AAA GAG CAG GTG AAG CA	45
RS81	20	CGA TGA TGT TGG ACG GAT TG	50
Pop P2.1	27	CCC AAG CTT TGG TCA GAC GCG GGA AGC	63
Pop P2.7	25	GAA GAT CTG CCA GCC GAT GTA CGC G	60
RT1	18	ATG TTA TAT CGA CGT TGG	38
RT3	18	AAC TCC TCC ATG TCC GTC	55
K3.3	18	AGT CAT CAA GTG ACC ATC	44
K10	18	GAT GGT CAC TTG ATG ACT	44
universalM13 F	18	GTT TTC CCA GTC ACG ACG TTG	79
universalM13 R	21	TGA GCG GAT AAC AAT TTC ACA CAG	48