

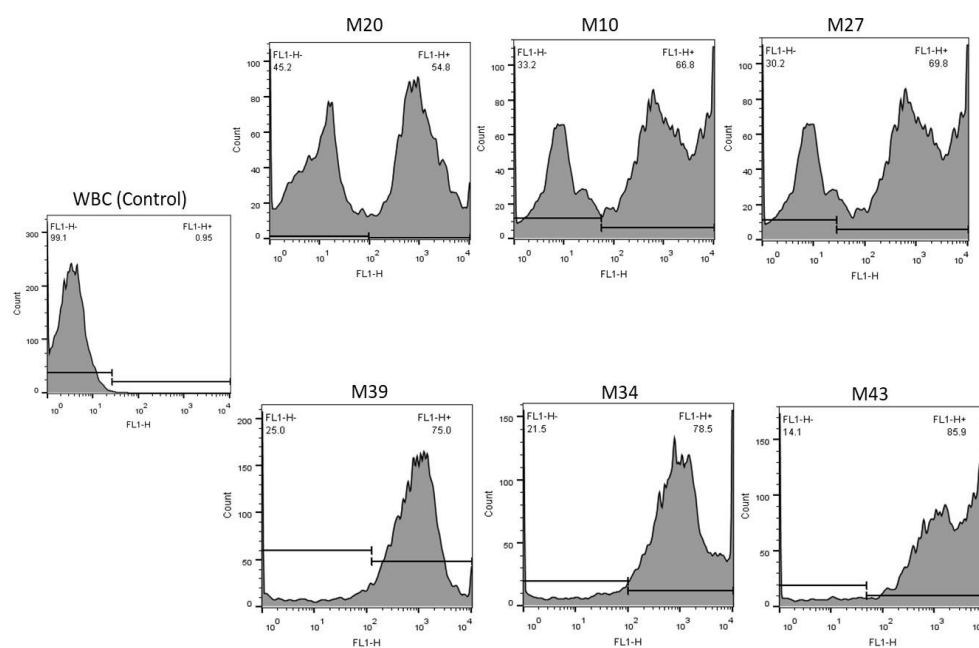
Appendices

Appendix-1

rmpA sequence by Sanger's Sequencing

GGAGTTCCAAGGGAAATGGCATGGATAGCAATTAAGCACAAAAGAAACATA
 GGAGTATTGGTTGACAGCAGGATTTTTATTTCAGGGAAATGGGGAGGGTACA
 AAATGTTAAGGGGATCATTAAATATGATAAGCCAATGGATGTGGCTTGACGT
 TTCGGGGGGGGGGCGGTTTTATCCTAAAGGGTGTGATTATGACATCTATGTTA
 ACATGCAAGGAAATGTAAAAAATAATATTGAAAACTATATTTTGCATTCTTA
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 AAGTCAACTAAAAATTGAAAAAAAACGCTATCATGCTACCAAAGCAAAATA
 ACAAAAAAATTTGGCTGCAAAAGGTACATAAGGTTTATGTATCTTTACAGCCT
 TAATAAAAAAATGGTTGATGAAAAATGGCTCATGCAAGA

Figure A1: Analysis of Phagocytosis assay using flow-cytometry



Appendix-2 Reagents, enzymes and buffers

Reagents for DNA isolation

- Lysozyme at an initial concentration of 10 mg/ml
- Proteinase K at a final concentration of 0.1 mg/ml
- Phenol Chloroform Isoamyl alcohol mixture (in the ratio 25:24:1)
- Chloroform Isoamyl alcohol mixture (in the ration 24:1)
- 1% Sodium dodecyl sulphate (SDS)
- Isopropanol
- Ethanol
- Sodium acetate (3M)
- Tris-EDTA (TE) buffer
 - 10 mM Tris chloride
 - 1 mM EDTA
- Tris Borate EDTA (TBE) buffer (5X stock)
 - Tris base – 54 g/L
 - Boric acid – 27.5 g/L
 - 0.5 M EDTA solution– 20ml
- Tracker dye for DNA gels (6X stock)
 - 2.5 mg/ml Bromophenol blue
 - 13% glycerol

Folin-Lowry reagents for protein estimation

- Solution A- 2 % sodium carbonate in a 0.1 N NaOH solution
- Solution B- 0.5% copper sulphate solution
- Solution C- 1% sodium potassium tartarate solution
- Alkaline reagent is made my mixing solutions A, B and C in the ratio 48:1:1.
- Folin Ciocalteau (FC) reagent- A 1:1 mixture of FC reagent and distilled water is used.

Reagents for FITC labelling

- Fluorescein isothiocyanate (Sigma) F4274
- Sodium hydrogen carbonate at a concentration of 0.1 M at pH 9.0