

Supplementary information. Material and Methods

Table 1. Primer list for FUT2 genotyping

Primer Name	Primer Sequence
FUT2-FOR1	CCATCTCCCAGCTAACGTGTCC
FUT2-REV1	GGGAGGCAGAGAAGGAGAAAAGG

Note: FR1 = First Forward Primer; RV1 = First Reverse Primer; FOR1 = Forward primer; REV1 = Reverse Primer

Key for interpretation of results

FUT2 G428A genotypes are determined based on RFLP patterns:

- Digestion into 3 fragments: 202 bp, 425 bp, and 498 bp was recorded as Genotype AA; *Non-secretor*
- Digestion into 4 fragments: 202 bp, 295 bp, 130 bp and 498 bp was recorded as Genotype GG; *Homozygous secretor*
- Digestion into 5 fragments: 202 bp, 295 bp, 130 bp, 425 bp and 498 bp was recorded as Genotype GA; *Heterozygous secretor*

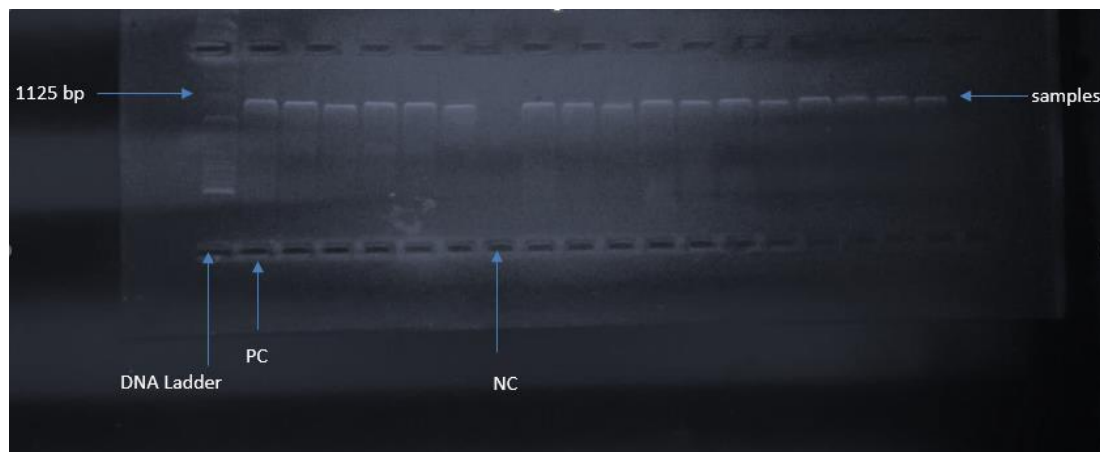


Figure 1. FUT2 Amplicons on Agarose gel

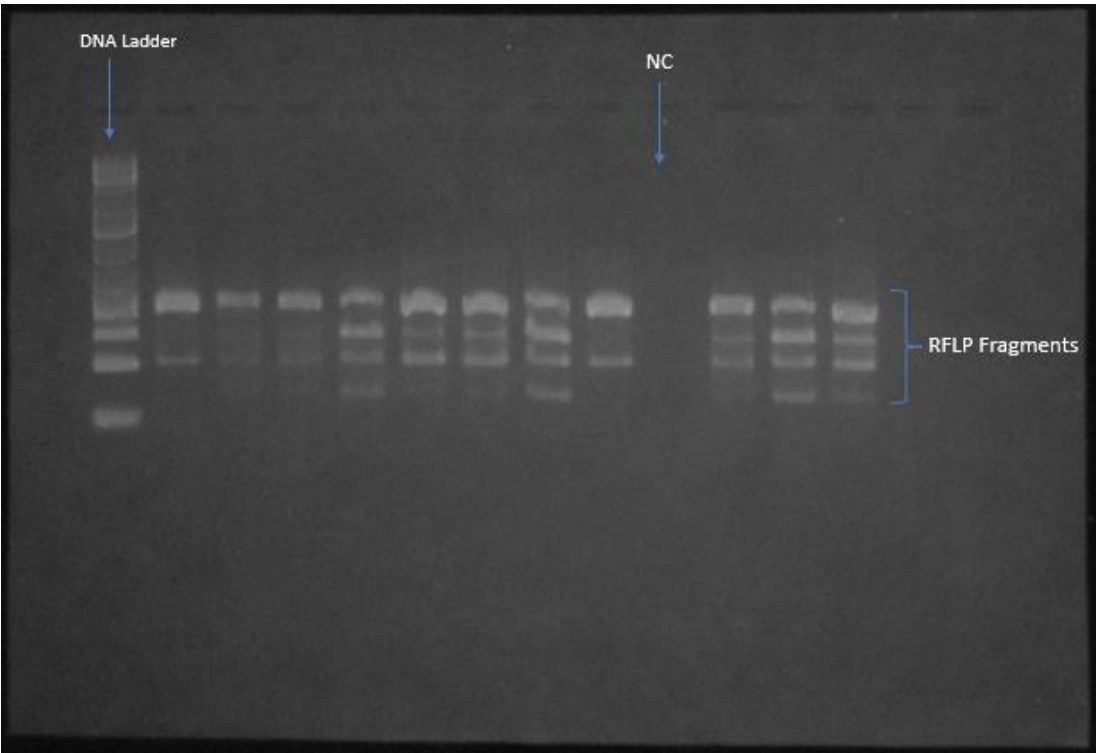


Figure 2. FUT2 RFLP Fragments on agarose gel

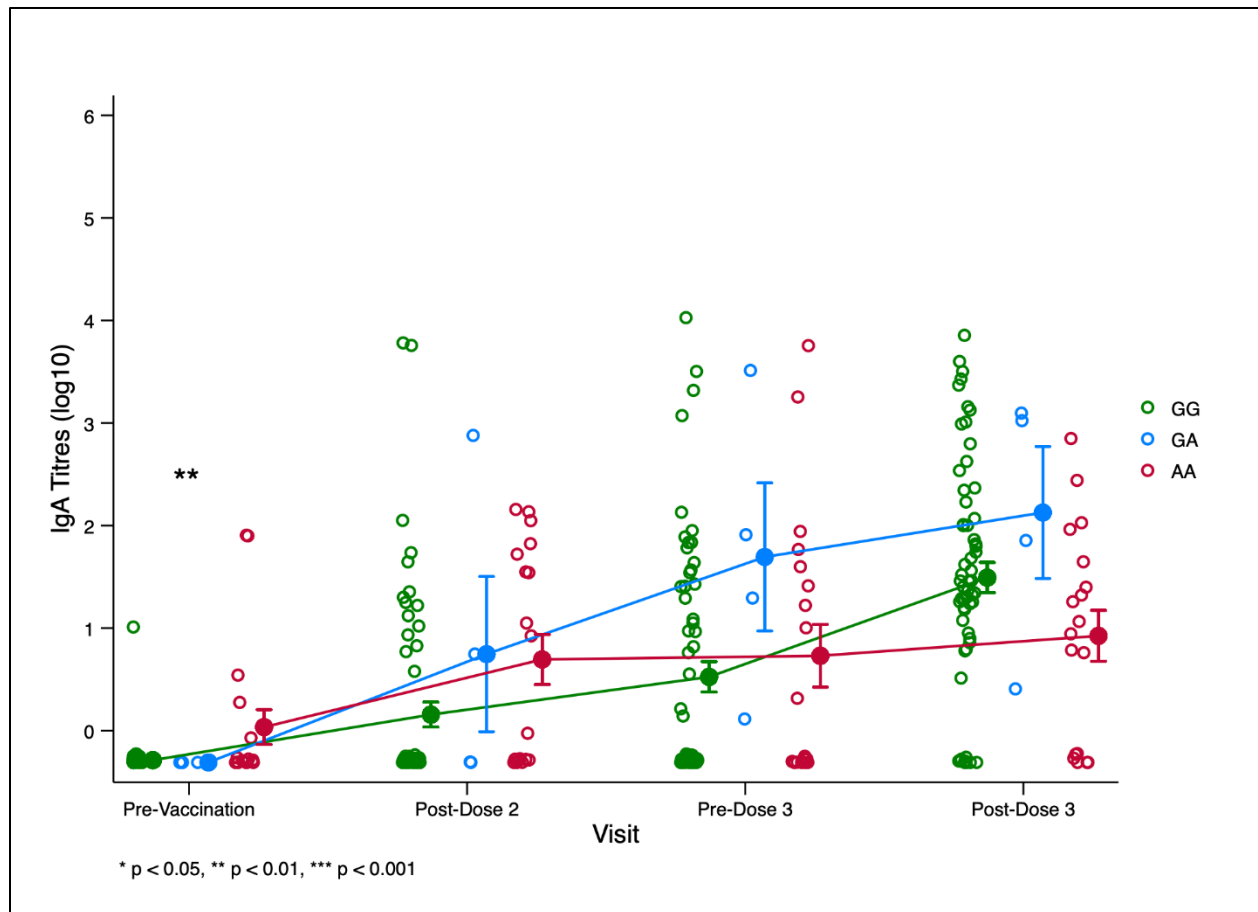


Figure 3c. Trend plot for infant RV-IgA titre kinetics for Lewis phenotype. The green and marron lines represent the trends of RV-IgA titres over time for the Lewis-null (Le-) and Lewis-positive (Le+) phenotypes respectively. *** $p < 0.001$