Screening and recruitment

First swab (Visit 1)

Alternating assignment

Control group 
\( n = 7 \)

LAIIV group 
\( n = 10 \)

Second swab 
1-2 weeks later (Visit 2)

Third swab 
4-8 weeks later (Visit 3)

16S sequencing for all visits:
- 21 control samples
- 30 LAIV samples

Human microarray analysis (Affy U133) for first 2 visits
- 6 control samples
- 12 LAIV samples