



Screening and
recruitment

First swab (Visit 1)

Alternating assignment

Control group
n = 7

LAIV 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