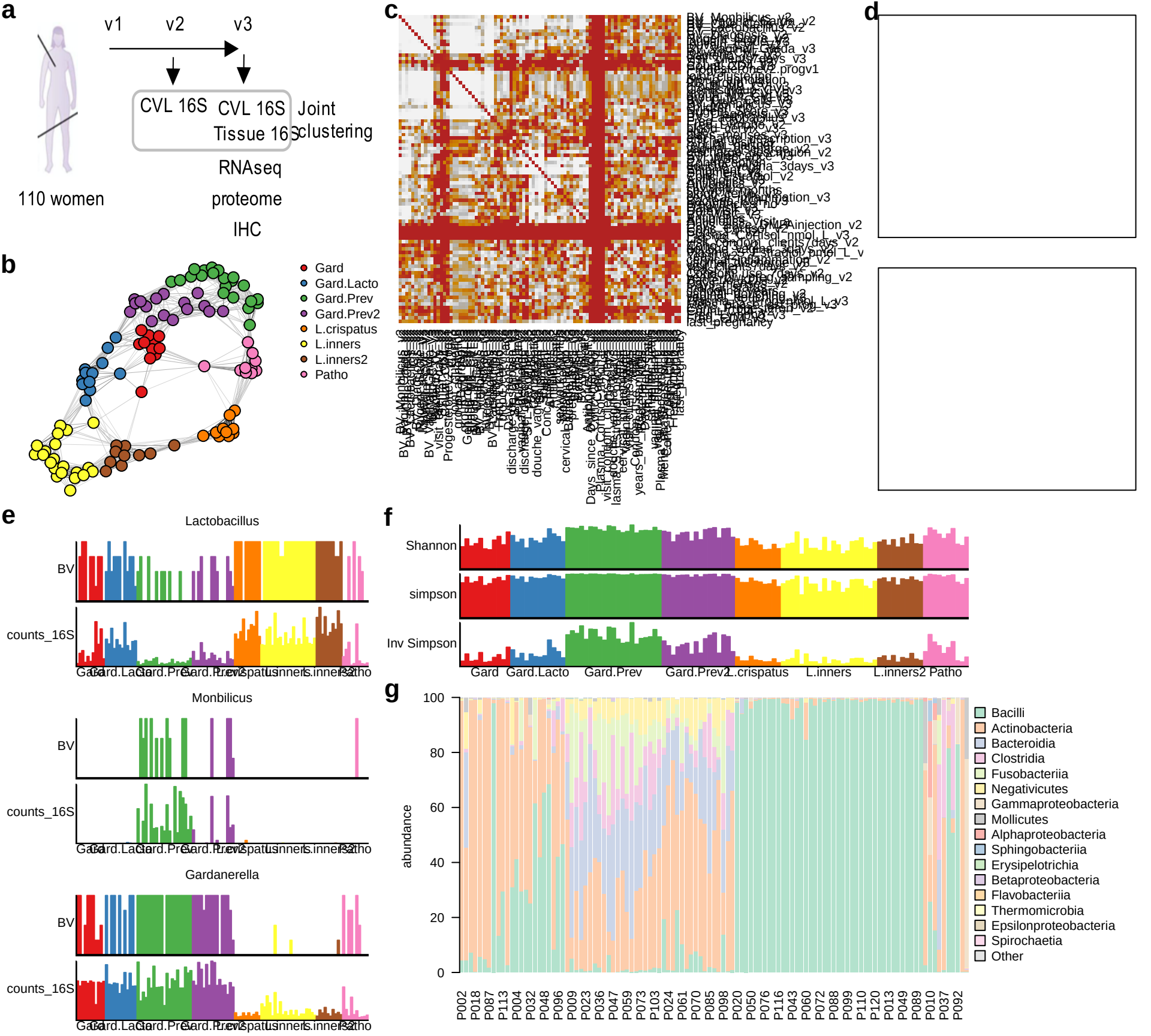
a
v1
v2
v3
CVL 16S
CVL 16S
Tissue 16S
Joint clustering
RNAseq
proteome
IHC
110 women
b
Gard
Gard.Lacto
Gard.Prev
Gard.Prev2
L.crispatus
L.inners
L.inners2
Patho
c
d
e
Lactobacillus
BV
counts_16S
Monbilicus
Gardanerella
f
Shannon
simpson
Inv Simpson
Gard
Gard.Lacto
Gard.Prev
Gard.Prev2
L.crispatus
L.inners
L.inners2
Patho
g
abundance
100
80
60
40
20
0
Bacilli
Actinobacteria
Bacteroidia
Clostridia
Fusobacteriia
Negativicutes
Gammaproteobacteria
Mollicutes
Alphaproteobacteria
Sphingobacteriia
Erysipelotrichia
Betaproteobacteria
Flavobacteriia
Thermomicrobia
Epsilonproteobacteria
Spirochaetia
Other
P002
P018
P087
P113
P004
P032
P048
P096
P009
P023
P036
P047
P059
P073
P103
P024
P061
P070
P085
P098
P020
P050
P076
P116
P043
P060
P072
P088
P099
P110
P120
P013
P049
P089
P010
P037
P092