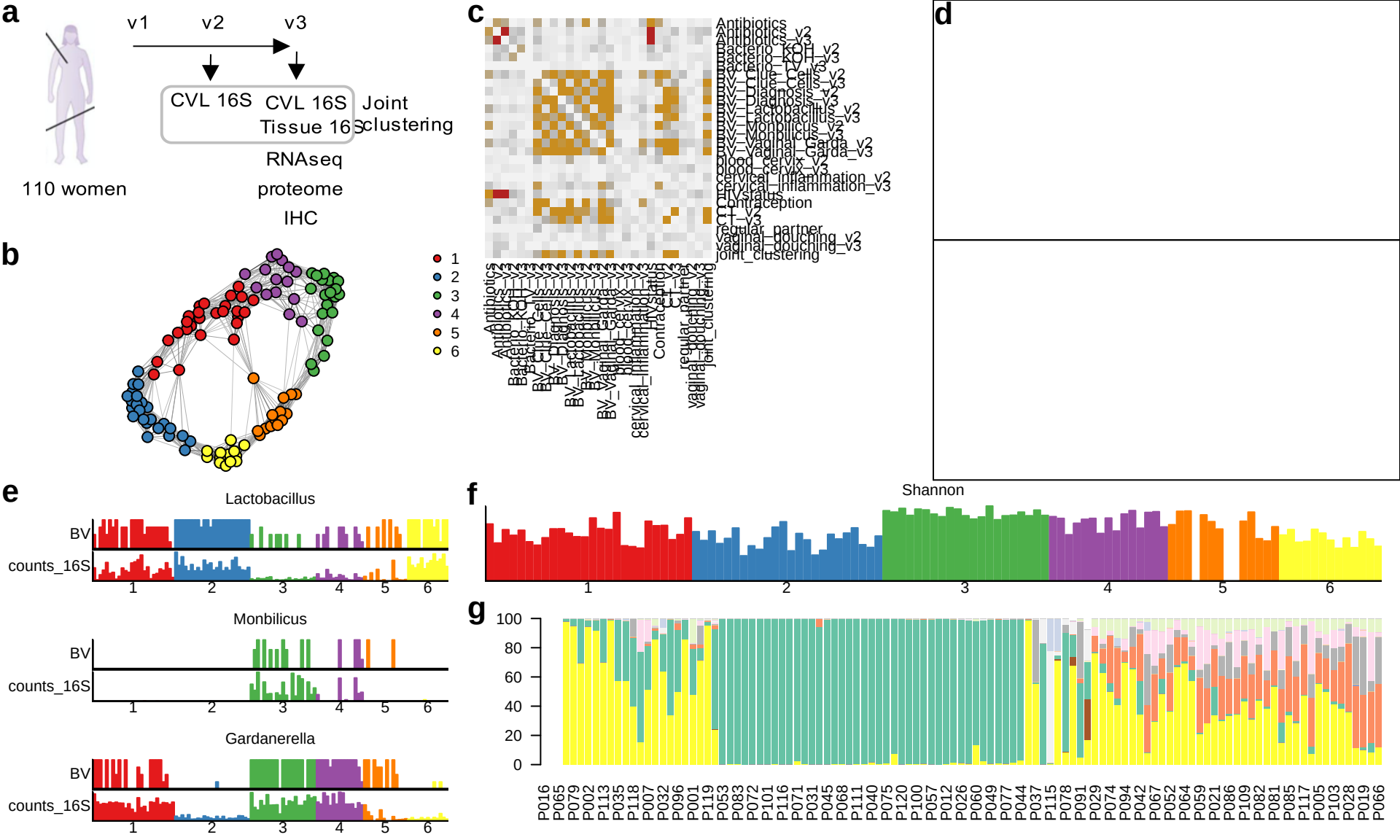
a
v1
v2
v3
CVL 16S
CVL 16S
Tissue 16S
Joint clustering
RNAseq
proteome
IHC
110 women
b
1
2
3
4
5
6
c
Antibiotics
Antibiotics_v2
Antibiotics_v3
Bacterio_KOH_v2
Bacterio_KOH_v3
Bacterio_TV_v3
BV_Clue_Cells_v2
BV_Clue_Cells_v3
BV_Diagnosis_v2
BV_Diagnosis_v3
BV_Lactobacillus_v2
BV_Lactobacillus_v3
BV_Monbilicus_v2
BV_Monbilicus_v3
BV_Vaginal_Gardn_v2
BV_Vaginal_Gardn_v3
blood_cervix_v2
blood_cervix_v3
cervical_inflammation_v2
cervical_inflammation_v3
HIVstatus
Contraception
CT_v2
CT_v3
regular_partner
vaginal_douching_v2
vaginal_douching_v3
joint_clustering
d
e
Lactobacillus
BV
counts_16S
1
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5
6
Monbilicus
BV
counts_16S
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3
4
5
6
Gardanerella
BV
counts_16S
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6
f
Shannon
1
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3
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5
6
g
100
80
60
40
20
0
P016
P065
P079
P002
P113
P035
P118
P007
P032
P096
P001
P119
P053
P083
P072
P101
P116
P071
P031
P045
P068
P111
P040
P075
P120
P100
P057
P012
P026
P060
P049
P077
P044
P037
P115
P078
P091
P029
P074
P094
P042
P067
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P059
P021
P086
P109
P082
P081
P085
P117
P005
P103
P028
P019
P066