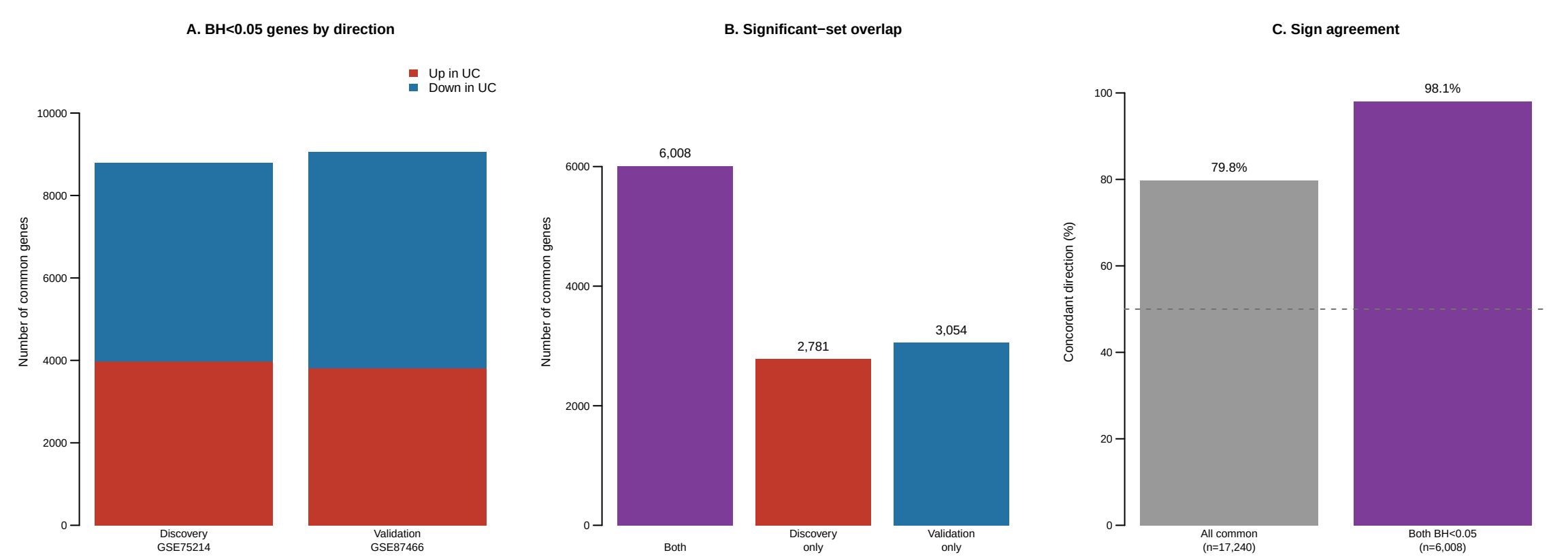
A. BH<0.05 genes by direction
Up in UC
Down in UC
Number of common genes
10000
8000
6000
4000
2000
0
Discovery
GSE75214
Validation
GSE87466
B. Significant−set overlap
Number of common genes
6000
4000
2000
0
6,008
2,781
3,054
Both
Discovery
only
Validation
only
C. Sign agreement
Concordant direction (%)
100
80
60
40
20
0
79.8%
98.1%
All common
(n=17,240)
Both BH<0.05
(n=6,008)