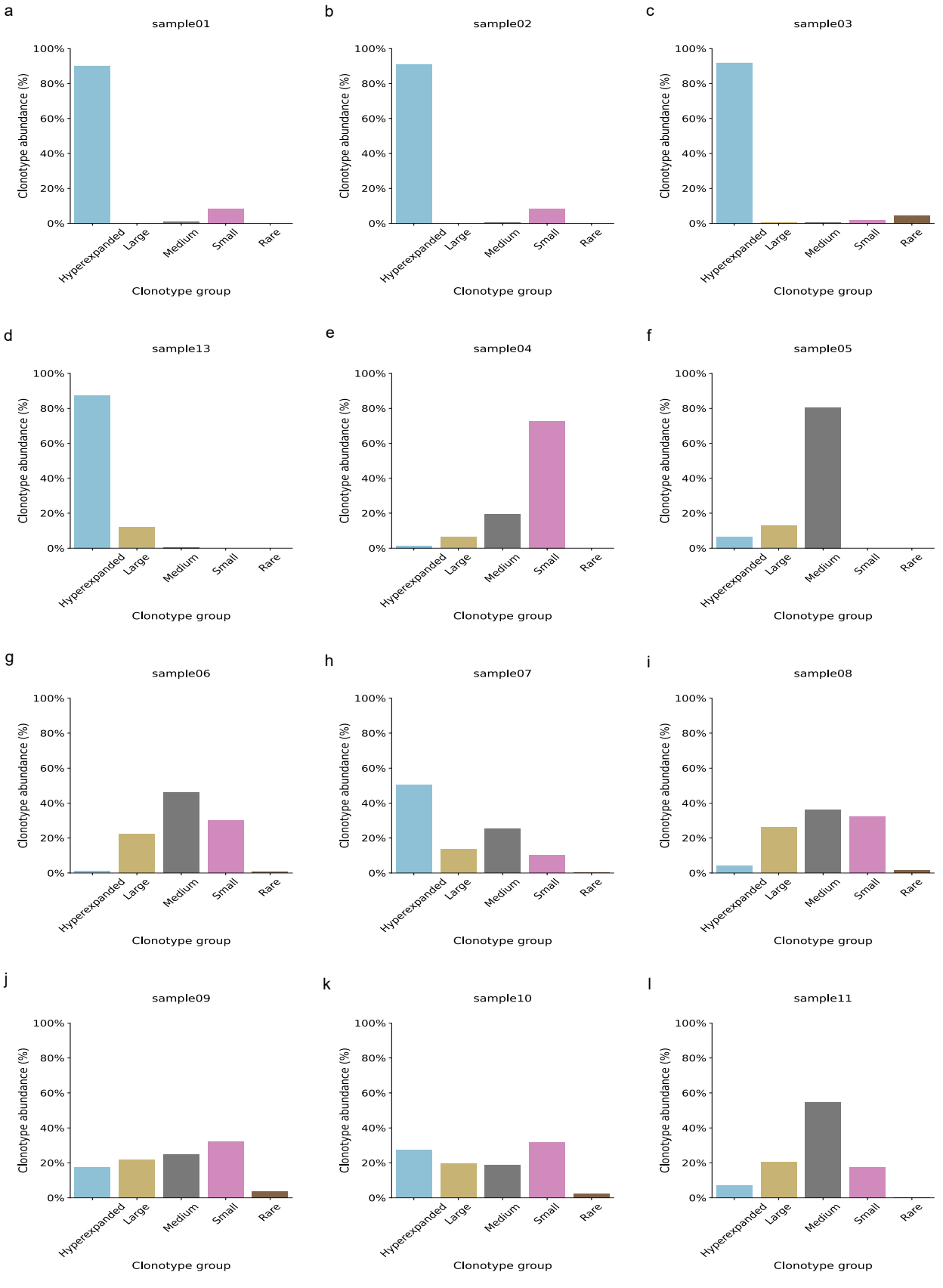
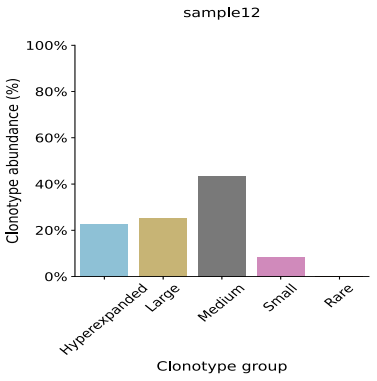
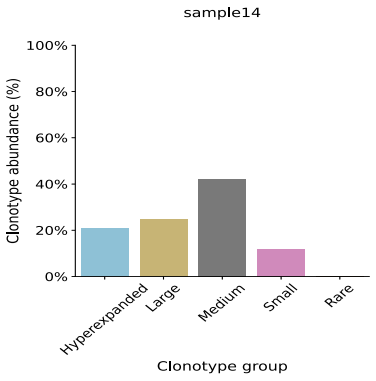

a
sample01
b
sample02
c
sample03
d
sample13
e
sample04
f
sample05
g
sample06
h
sample07
i
sample08
j
sample09
k
sample10
l
sample11
Clonotype abundance (%)
100%
80%
60%
40%
20%
0%
Hyperexpanded
Large
Medium
Small
Rare
Clonotype group

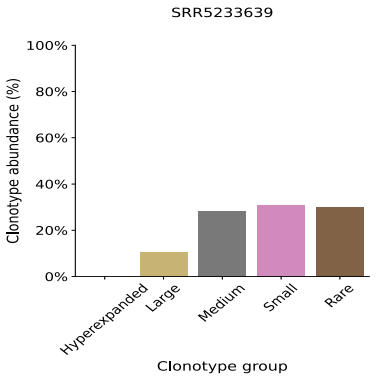
m


sample12
100%
80%
60%
40%
20%
0%
Clonotype abundance (%)
Hyperexpanded
Large
Medium
Small
Rare
Clonotype group

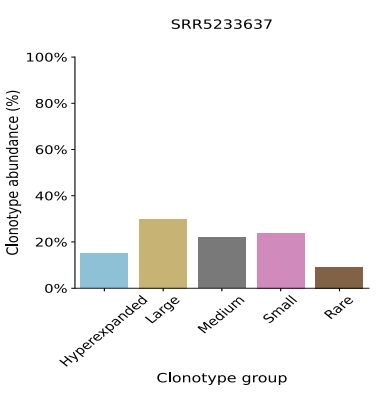
n


sample14
100%
80%
60%
40%
20%
0%
Clonotype abundance (%)
Hyperexpanded
Large
Medium
Small
Rare
Clonotype group

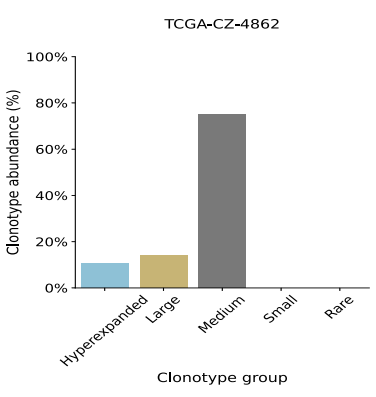
o


SRR5233639
100%
80%
60%
40%
20%
0%
Clonotype abundance (%)
Hyperexpanded
Large
Medium
Small
Rare
Clonotype group

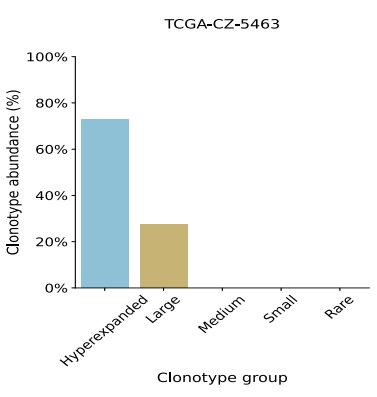
p


SRR5233637
100%
80%
60%
40%
20%
0%
Clonotype abundance (%)
Hyperexpanded
Large
Medium
Small
Rare
Clonotype group

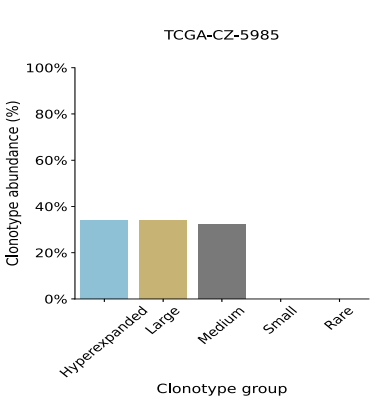
q


TCGA-CZ-4862
100%
80%
60%
40%
20%
0%
Clonotype abundance (%)
Hyperexpanded
Large
Medium
Small
Rare
Clonotype group

r


TCGA-CZ-5463
100%
80%
60%
40%
20%
0%
Clonotype abundance (%)
Hyperexpanded
Large
Medium
Small
Rare
Clonotype group

s


TCGA-CZ-5985
100%
80%
60%
40%
20%
0%
Clonotype abundance (%)
Hyperexpanded
Large
Medium
Small
Rare
Clonotype group