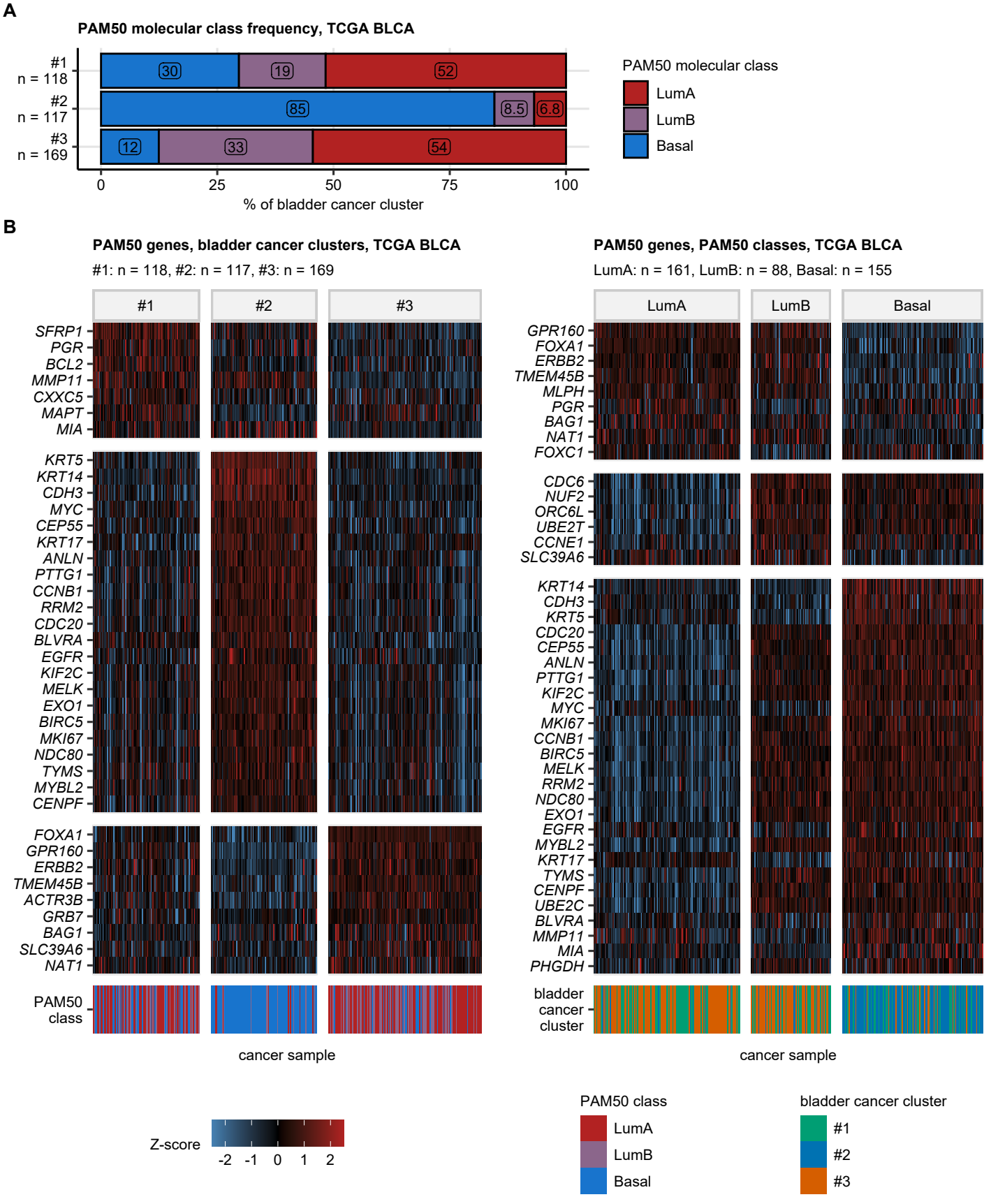
A
PAM50 molecular class frequency, TCGA BLCA
#1
n = 118
#2
n = 117
#3
n = 169
30
19
52
85
8.5
6.8
12
33
54
0
25
50
75
100
% of bladder cancer cluster
PAM50 molecular class
LumA
LumB
Basal
B
PAM50 genes, bladder cancer clusters, TCGA BLCA
#1: n = 118, #2: n = 117, #3: n = 169
#1
#2
#3
SFRP1
PGR
BCL2
MMP11
CXXC5
MAPT
MIA
KRT5
KRT14
CDH3
MYC
CEP55
KRT17
ANLN
PTTG1
CCNB1
RRM2
CDC20
BLVRA
EGFR
KIF2C
MELK
EXO1
BIRC5
MKI67
NDC80
TYMS
MYBL2
CENPF
FOXA1
GPR160
ERBB2
TMEM45B
ACTR3B
GRB7
BAG1
SLC39A6
NAT1
PAM50
class
cancer sample
PAM50 genes, PAM50 classes, TCGA BLCA
LumA: n = 161, LumB: n = 88, Basal: n = 155
LumA
LumB
Basal
GPR160
FOXA1
ERBB2
TMEM45B
MLPH
PGR
BAG1
NAT1
FOXC1
CDC6
NUF2
ORC6L
UBE2T
CCNE1
SLC39A6
KRT14
CDH3
KRT5
CDC20
CEP55
ANLN
PTTG1
KIF2C
MYC
MKI67
CCNB1
BIRC5
MELK
RRM2
NDC80
EXO1
EGFR
MYBL2
KRT17
TYMS
CENPF
UBE2C
BLVRA
MMP11
MIA
PHGDH
bladder
cancer
cluster
cancer sample
Z-score
-2
-1
0
1
2
PAM50 class
LumA
LumB
Basal
bladder cancer cluster
#1
#2
#3