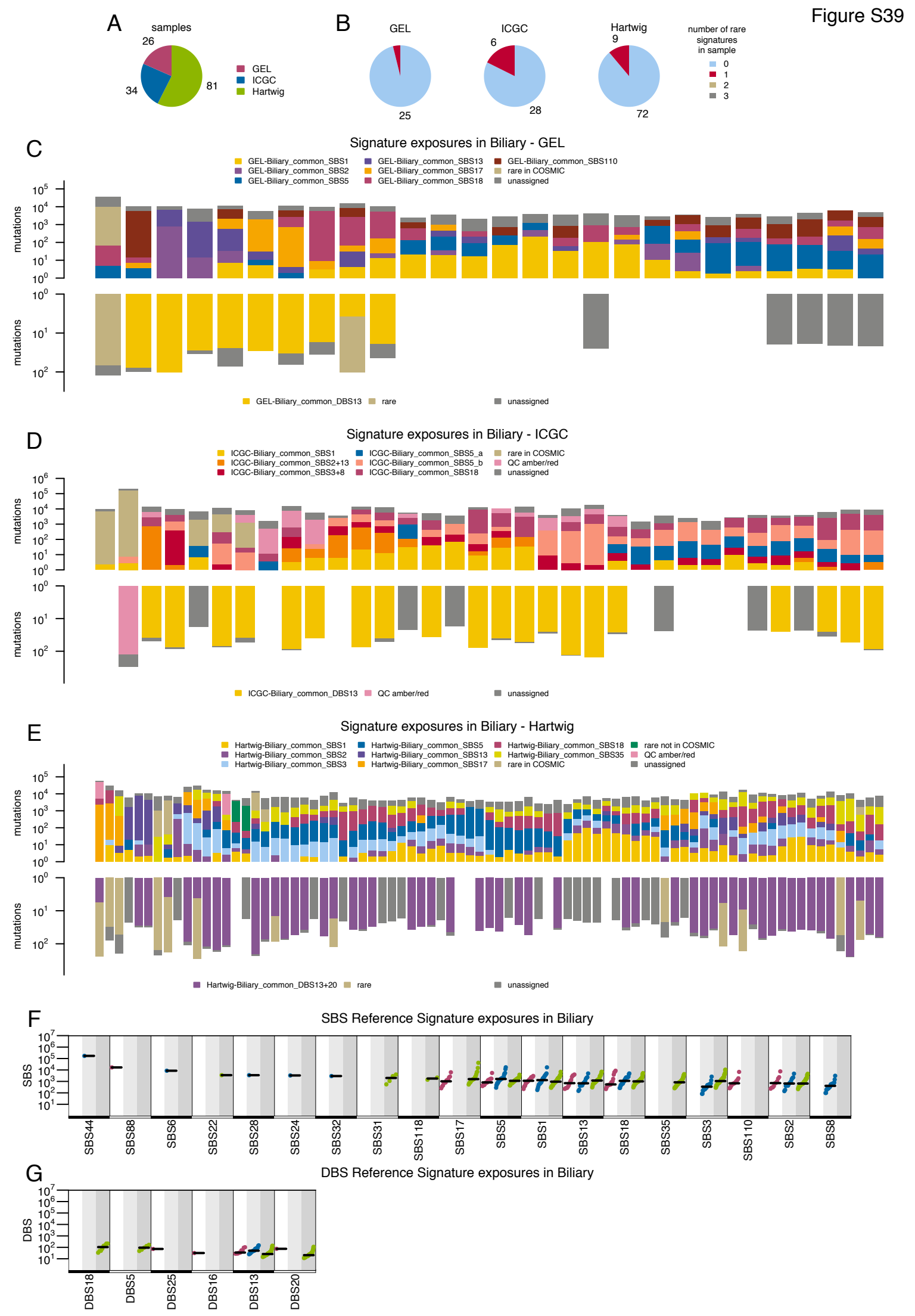
Figure S39


A
samples
26
34
81
GEL
ICGC
Hartwig
B
GEL
ICGC
Hartwig
6
9
25
28
72
number of rare signatures in sample
0
1
2
3
C
Signature exposures in Biliary - GEL
GEL-Biliary_common_SBS1
GEL-Biliary_common_SBS2
GEL-Biliary_common_SBS5
GEL-Biliary_common_SBS13
GEL-Biliary_common_SBS17
GEL-Biliary_common_SBS18
GEL-Biliary_common_SBS110
rare in COSMIC
unassigned
mutations
GEL-Biliary_common_DBS13
rare
unassigned
D
Signature exposures in Biliary - ICGC
ICGC-Biliary_common_SBS1
ICGC-Biliary_common_SBS2+13
ICGC-Biliary_common_SBS3+8
ICGC-Biliary_common_SBS5_a
ICGC-Biliary_common_SBS5_b
ICGC-Biliary_common_SBS18
rare in COSMIC
QC amber/red
unassigned
mutations
ICGC-Biliary_common_DBS13
QC amber/red
unassigned
E
Signature exposures in Biliary - Hartwig
Hartwig-Biliary_common_SBS1
Hartwig-Biliary_common_SBS2
Hartwig-Biliary_common_SBS3
Hartwig-Biliary_common_SBS5
Hartwig-Biliary_common_SBS13
Hartwig-Biliary_common_SBS17
Hartwig-Biliary_common_SBS18
Hartwig-Biliary_common_SBS35
rare in COSMIC
rare not in COSMIC
QC amber/red
unassigned
mutations
Hartwig-Biliary_common_DBS13+20
rare
unassigned
F
SBS Reference Signature exposures in Biliary
SBS
SBS44
SBS88
SBS6
SBS22
SBS28
SBS24
SBS32
SBS31
SBS118
SBS17
SBS5
SBS1
SBS13
SBS18
SBS35
SBS3
SBS110
SBS2
SBS8
G
DBS Reference Signature exposures in Biliary
DBS
DBS18
DBS5
DBS25
DBS16
DBS13
DBS20