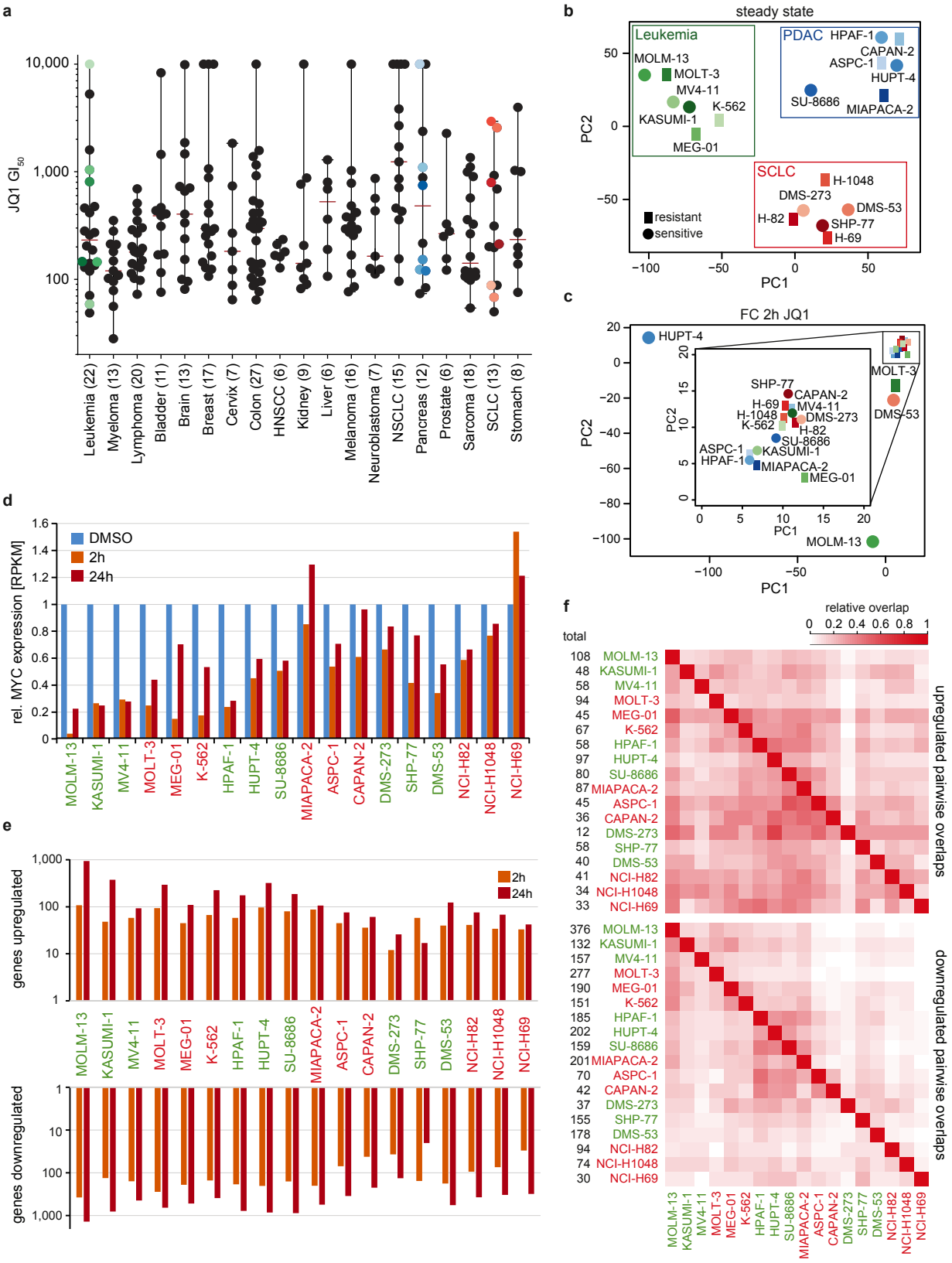
a
JQ1 GI50
10,000
1,000
100
Leukemia (22)
Myeloma (13)
Lymphoma (20)
Bladder (11)
Brain (13)
Breast (17)
Cervix (7)
Colon (27)
HNSCC (6)
Kidney (9)
Liver (6)
Melanoma (16)
Neuroblastoma (7)
NSCLC (15)
Pancreas (12)
Prostate (6)
Sarcoma (18)
SCLC (13)
Stomach (8)
b
steady state
Leukemia
MOLM-13
MOLT-3
MV4-11
K-562
KASUMI-1
MEG-01
PDAC
HPAF-1
CAPAN-2
ASPC-1
HUPT-4
SU-8686
MIAPACA-2
SCLC
H-1048
DMS-273
DMS-53
H-82
SHP-77
H-69
resistant
sensitive
PC2
PC1
c
FC 2h JQ1
HUPT-4
MOLT-3
DMS-53
SHP-77
CAPAN-2
H-69
MV4-11
H-1048
DMS-273
K-562
H-82
SU-8686
ASPC-1
KASUMI-1
HPAF-1
MIAPACA-2
MEG-01
MOLM-13
PC2
PC1
d
rel. MYC expression [RPKM]
DMSO
2h
24h
MOLM-13
KASUMI-1
MV4-11
MOLT-3
MEG-01
K-562
HPAF-1
HUPT-4
SU-8686
MIAPACA-2
ASPC-1
CAPAN-2
DMS-273
SHP-77
DMS-53
NCI-H82
NCI-H1048
NCI-H69
e
genes upregulated
genes downregulated
2h
24h
f
relative overlap
total
upregulated pairwise overlaps
downregulated pairwise overlaps