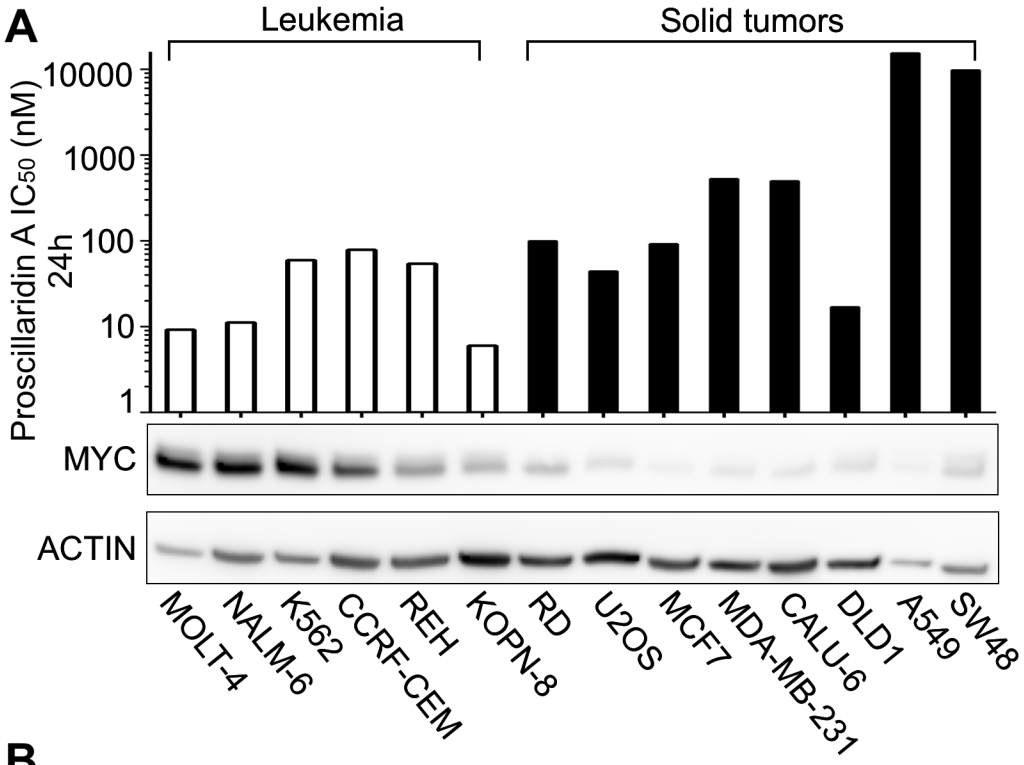
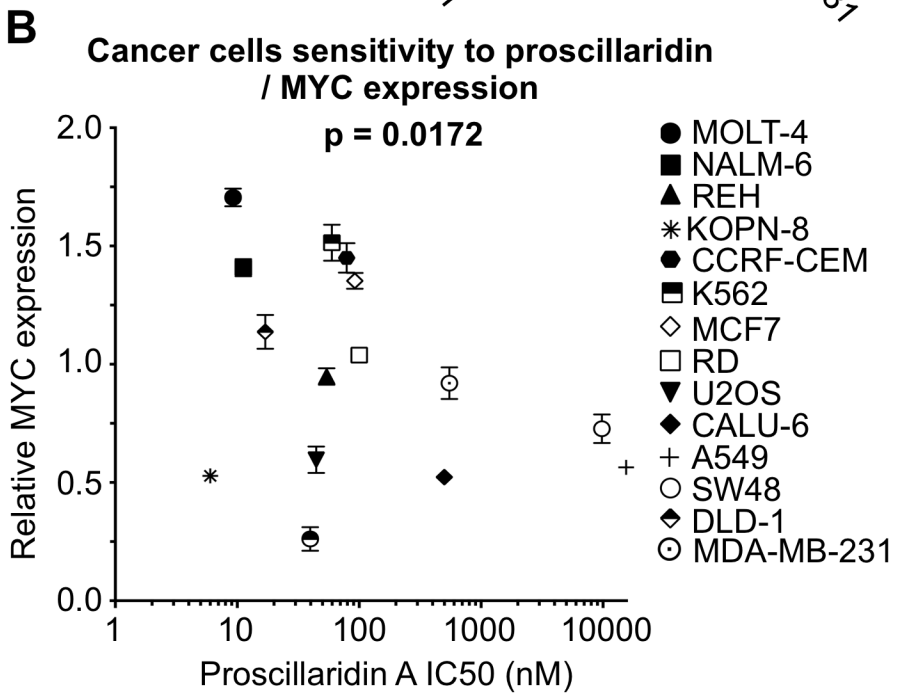
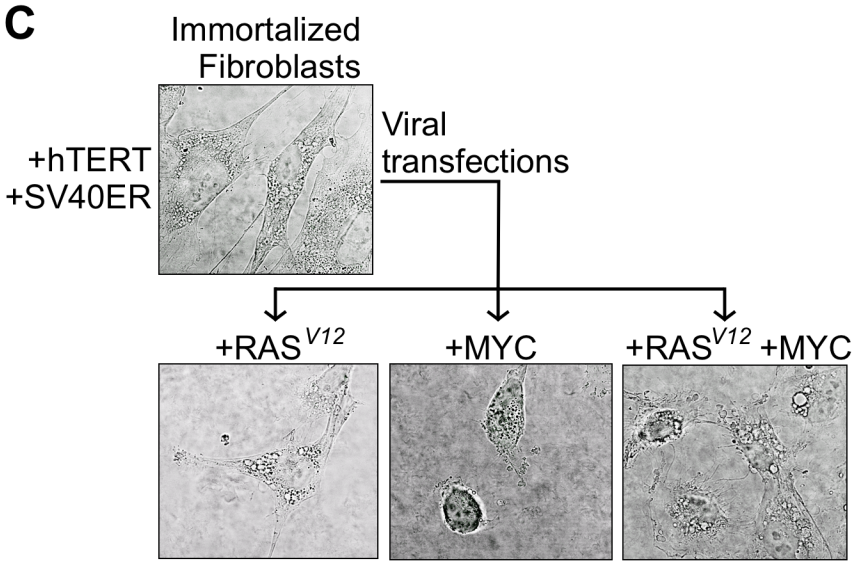
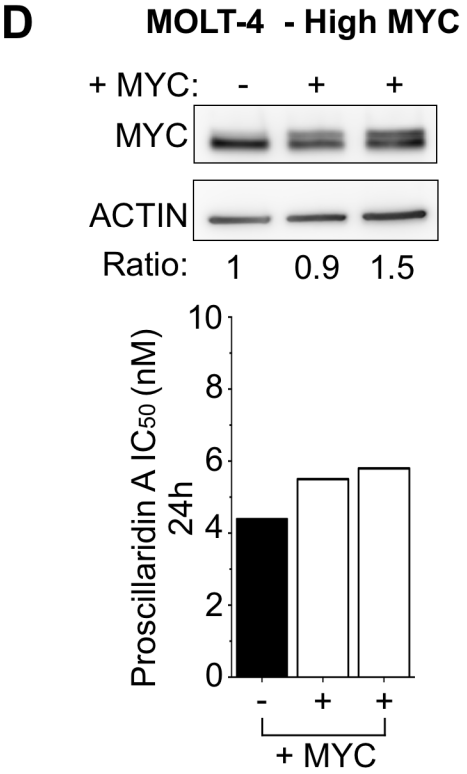
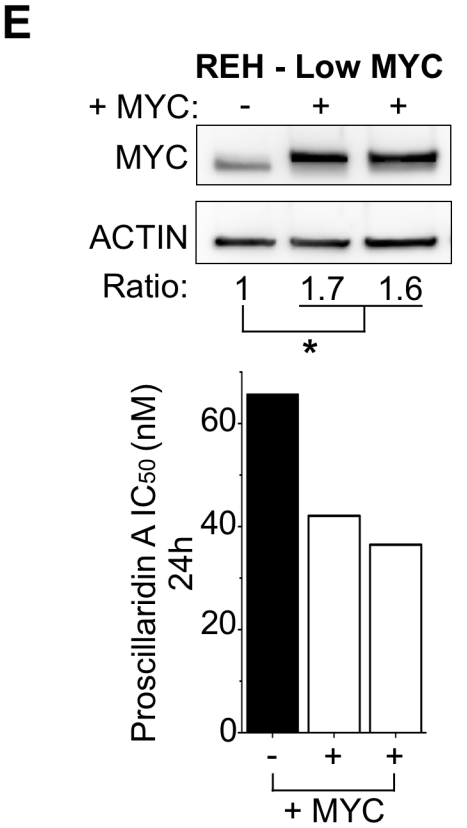
Figure S1

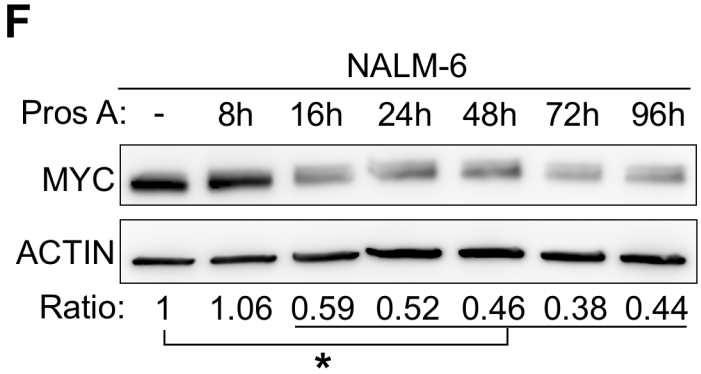

A
Leukemia
Solid tumors
Proscillaridin A IC50 (nM) 24h
10000
1000
100
10
1
MYC
ACTIN
MOLT-4
NALM-6
K562
CCRF-CEM
REH
KOPN-8
RD
U2OS
MCF7
MDA-MB-231
CALU-6
DLD1
A549
SW48


B
Cancer cells sensitivity to proscillaridin / MYC expression
p = 0.0172
Relative MYC expression
Proscillaridin A IC50 (nM)
MOLT-4
NALM-6
REH
KOPN-8
CCRF-CEM
K562
MCF7
RD
U2OS
CALU-6
A549
SW48
DLD-1
MDA-MB-231


C
Immortalized Fibroblasts
+hTERT
+SV40ER
Viral transfections
+RASV12
+MYC
+RASV12 +MYC


D
MOLT-4 - High MYC
+ MYC: - + +
MYC
ACTIN
Ratio: 1 0.9 1.5
Proscillaridin A IC50 (nM) 24h
+ MYC


E
REH - Low MYC
+ MYC: - + +
MYC
ACTIN
Ratio: 1 1.7 1.6
*
Proscillaridin A IC50 (nM) 24h
+ MYC


F
NALM-6
Pros A: - 8h 16h 24h 48h 72h 96h
MYC
ACTIN
Ratio: 1 1.06 0.59 0.52 0.46 0.38 0.44
*