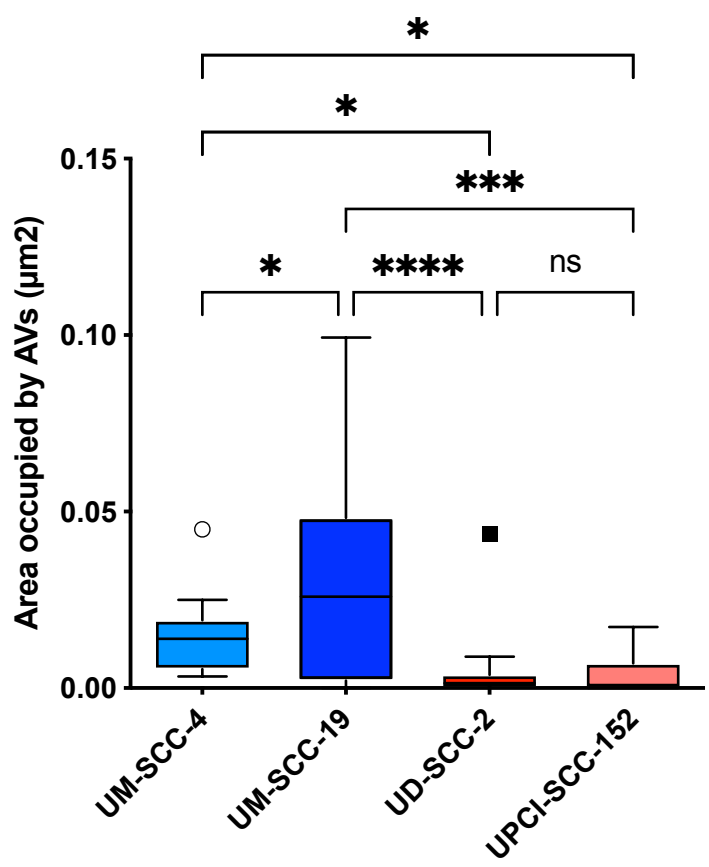
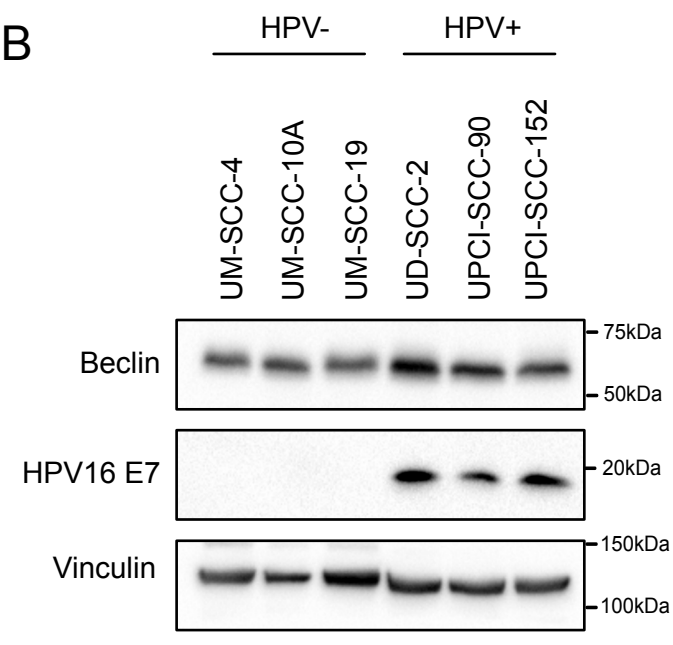
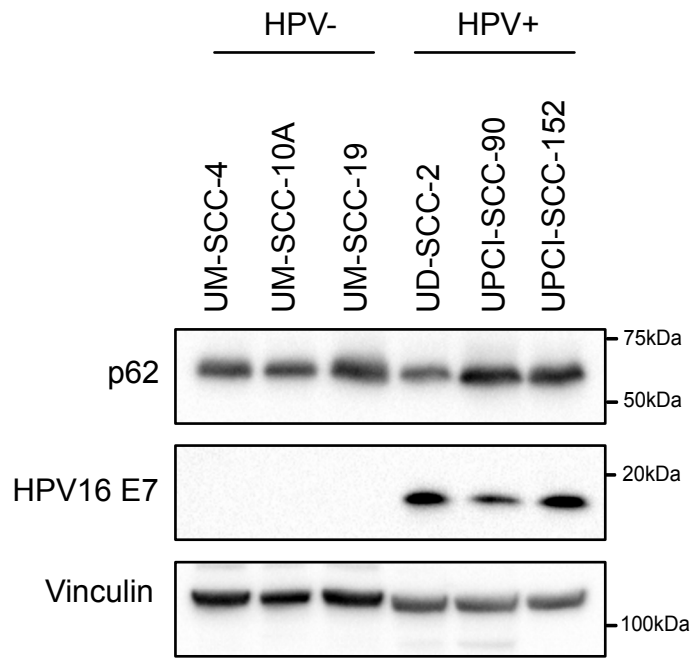
A


*
*
***
*
****
ns
0.15
0.10
0.05
0.00
Area occupied by AVs (µm2)
UM-SCC-4
UM-SCC-19
UD-SCC-2
UPCI-SCC-152

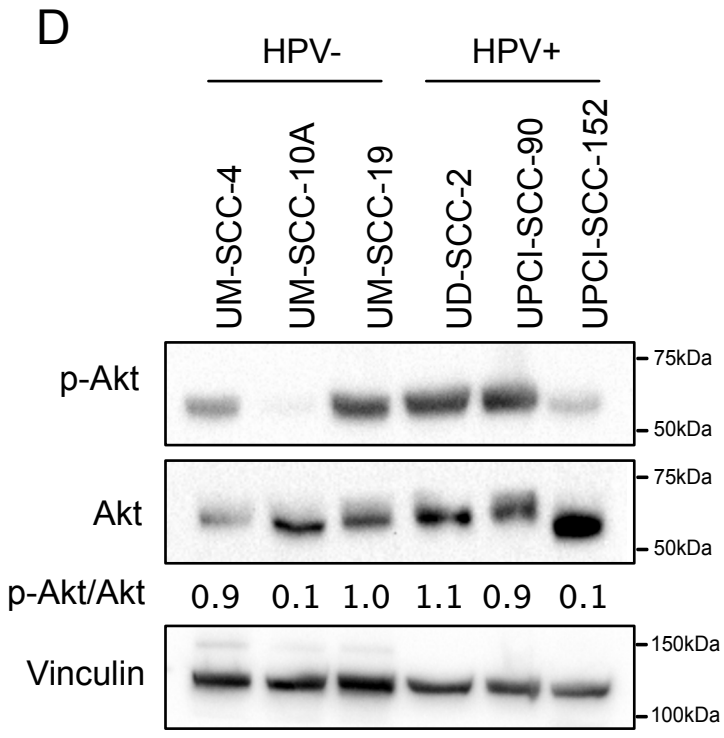
B


HPV-
HPV+
UM-SCC-4
UM-SCC-10A
UM-SCC-19
UD-SCC-2
UPCI-SCC-90
UPCI-SCC-152
Beclin
HPV16 E7
Vinculin
75kDa
50kDa
20kDa
150kDa
100kDa

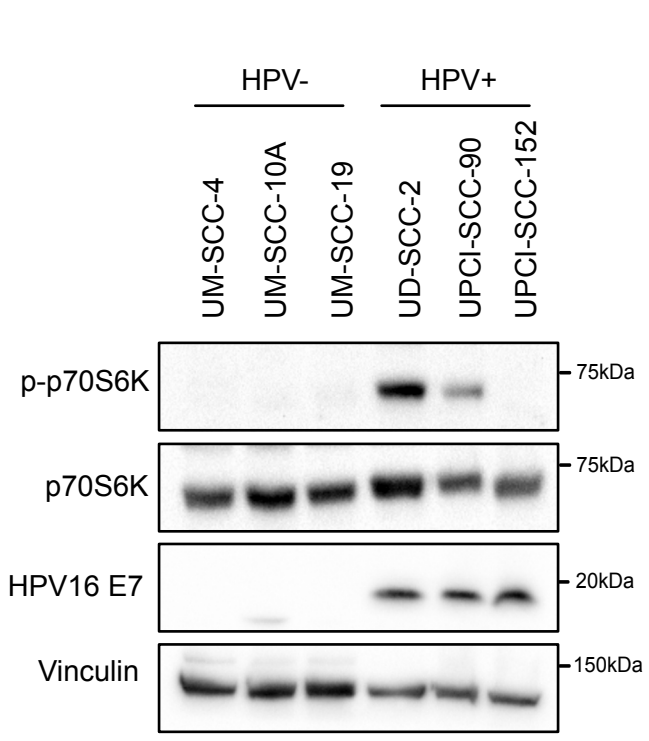
C


HPV-
HPV+
UM-SCC-4
UM-SCC-10A
UM-SCC-19
UD-SCC-2
UPCI-SCC-90
UPCI-SCC-152
p62
HPV16 E7
Vinculin
75kDa
50kDa
20kDa
100kDa

D


HPV-
HPV+
UM-SCC-4
UM-SCC-10A
UM-SCC-19
UD-SCC-2
UPCI-SCC-90
UPCI-SCC-152
p-Akt
Akt
p-Akt/Akt
0.9 0.1 1.0 1.1 0.9 0.1
Vinculin
75kDa
50kDa
150kDa
100kDa

E


HPV-
HPV+
UM-SCC-4
UM-SCC-10A
UM-SCC-19
UD-SCC-2
UPCI-SCC-90
UPCI-SCC-152
p-p70S6K
p70S6K
HPV16 E7
Vinculin
75kDa
20kDa
150kDa