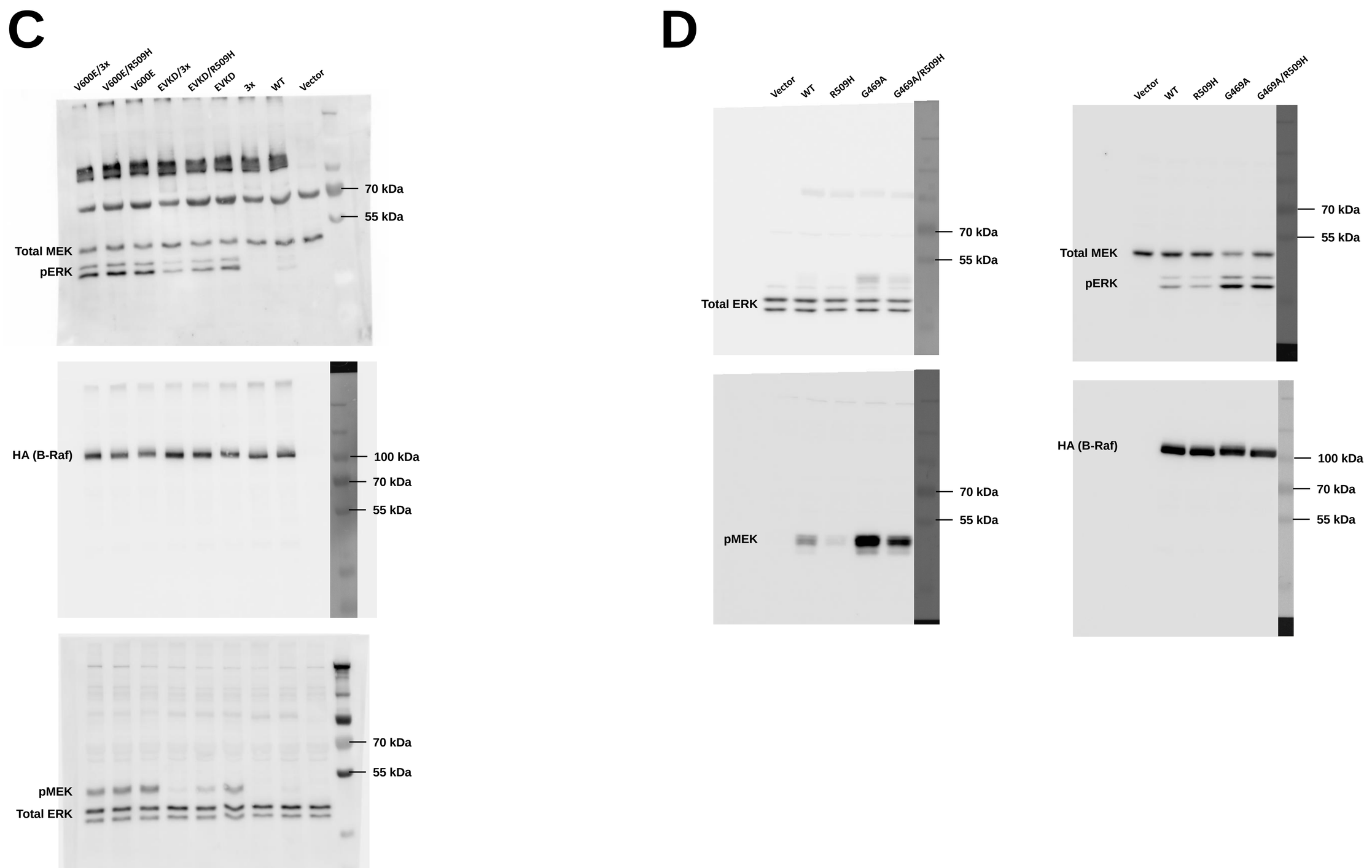
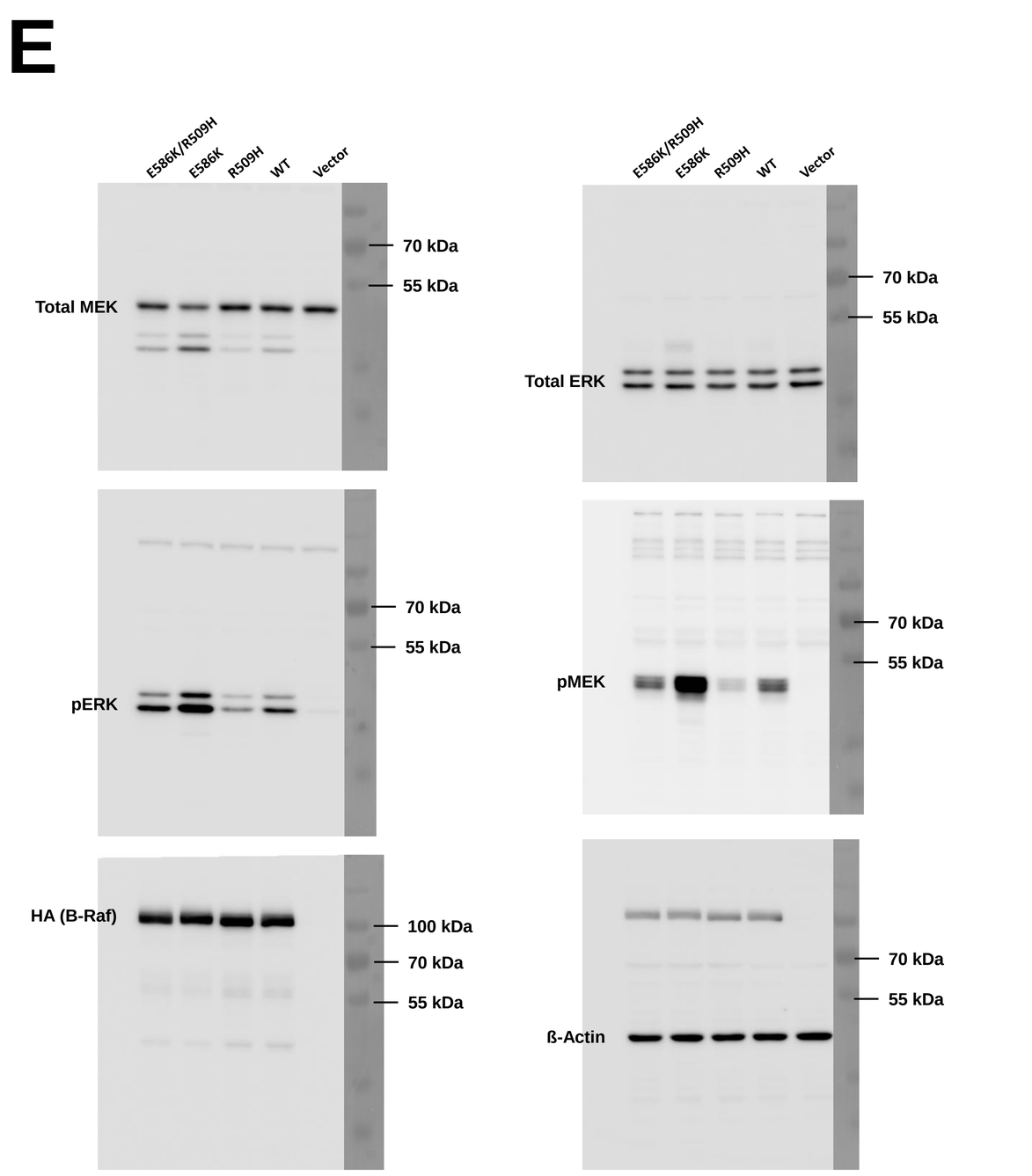
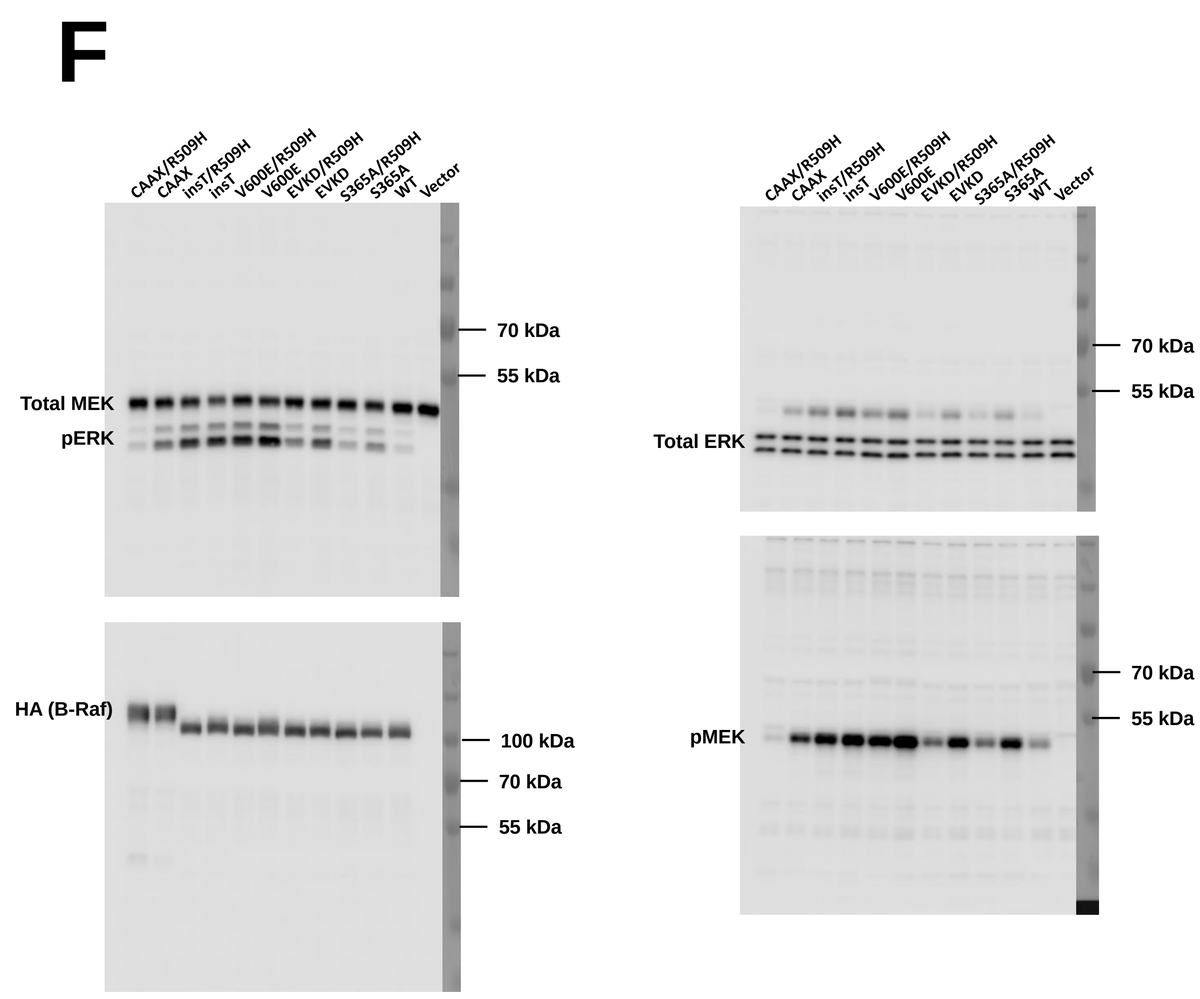
# Figure 1


C
V600E/3x
V600E/R509H
V600E
EVKD/3x
EVKD/R509H
EVKD
3x
WT
Vector
70 kDa
55 kDa
Total MEK
pERK
HA (B-Raf)
100 kDa
70 kDa
55 kDa
pMEK
Total ERK
70 kDa
55 kDa
D
Vector
WT
R509H
G469A
G469A/R509H
70 kDa
55 kDa
Total ERK
Total MEK
pERK
pMEK
HA (B-Raf)
100 kDa
70 kDa
55 kDa


E
E586K/R509H
E586K
R509H
WT
Vector
70 kDa
55 kDa
Total MEK
Total ERK
pERK
pMEK
HA (B-Raf)
100 kDa
70 kDa
55 kDa
ß-Actin


F
CAAX/R509H
CAAX
insT/R509H
insT
V600E/R509H
V600E
EVKD/R509H
EVKD
S365A/R509H
S365A
WT
Vector
70 kDa
55 kDa
Total MEK
pERK
Total ERK
HA (B-Raf)
100 kDa
pMEK