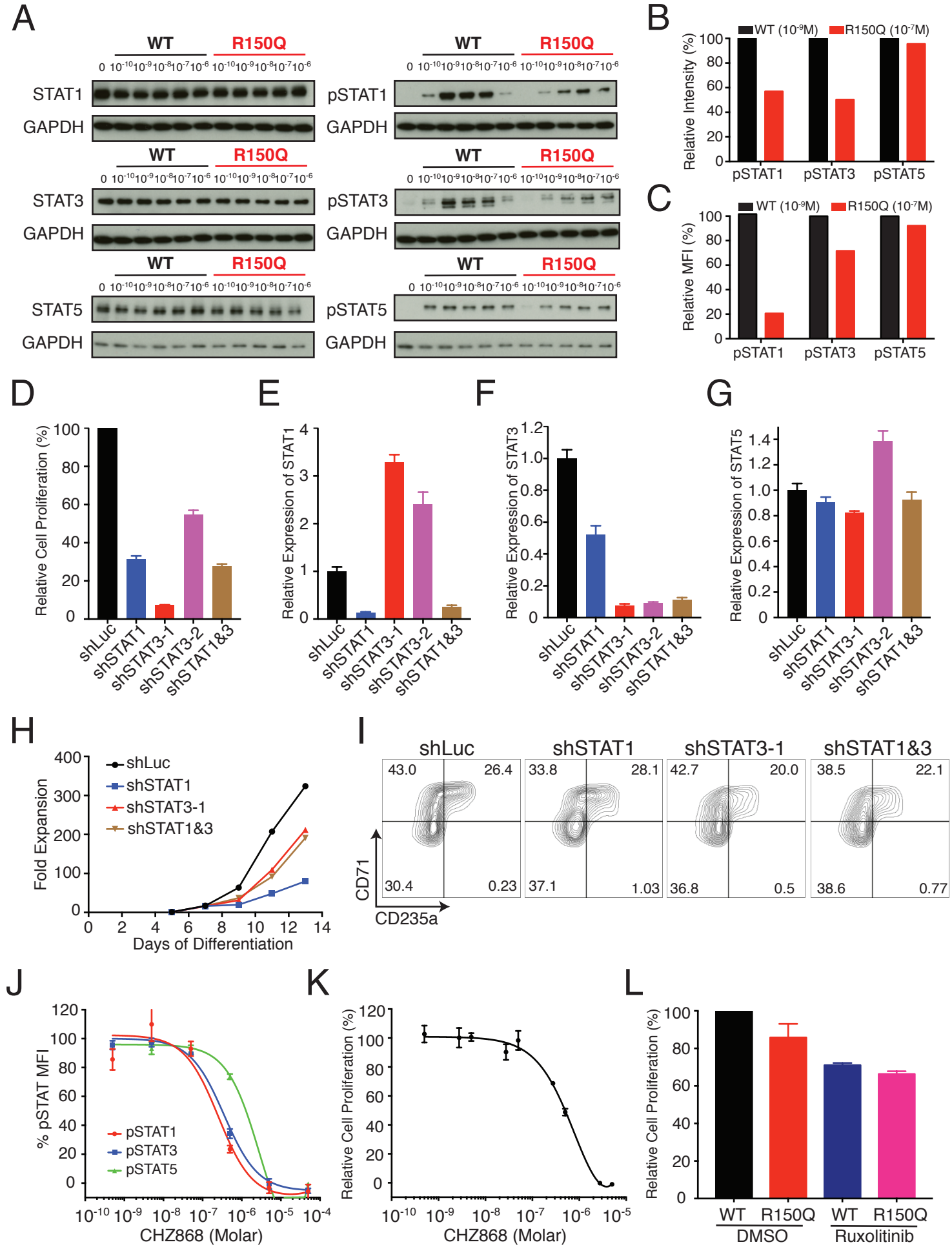
Figure S5


A
WT
R150Q
0 10-10 10-9 10-8 10-7 10-6 10-10 10-9 10-8 10-7 10-6
STAT1
pSTAT1
STAT3
pSTAT3
STAT5
pSTAT5
GAPDH
B
WT (10-9M)
R150Q (10-7M)
Relative Intensity (%)
pSTAT1
pSTAT3
pSTAT5
C
Relative MFI (%)
D
Relative Cell Proliferation (%)
shLuc
shSTAT1
shSTAT3-1
shSTAT3-2
shSTAT1&3
E
Relative Expression of STAT1
F
Relative Expression of STAT3
G
Relative Expression of STAT5
H
Fold Expansion
Days of Differentiation
I
CD71
CD235a
43.0
26.4
30.4
0.23
33.8
28.1
37.1
1.03
42.7
20.0
36.8
0.5
38.5
22.1
38.6
0.77
J
% pSTAT MFI
CHZ868 (Molar)
K
L
DMSO
Ruxolitinib