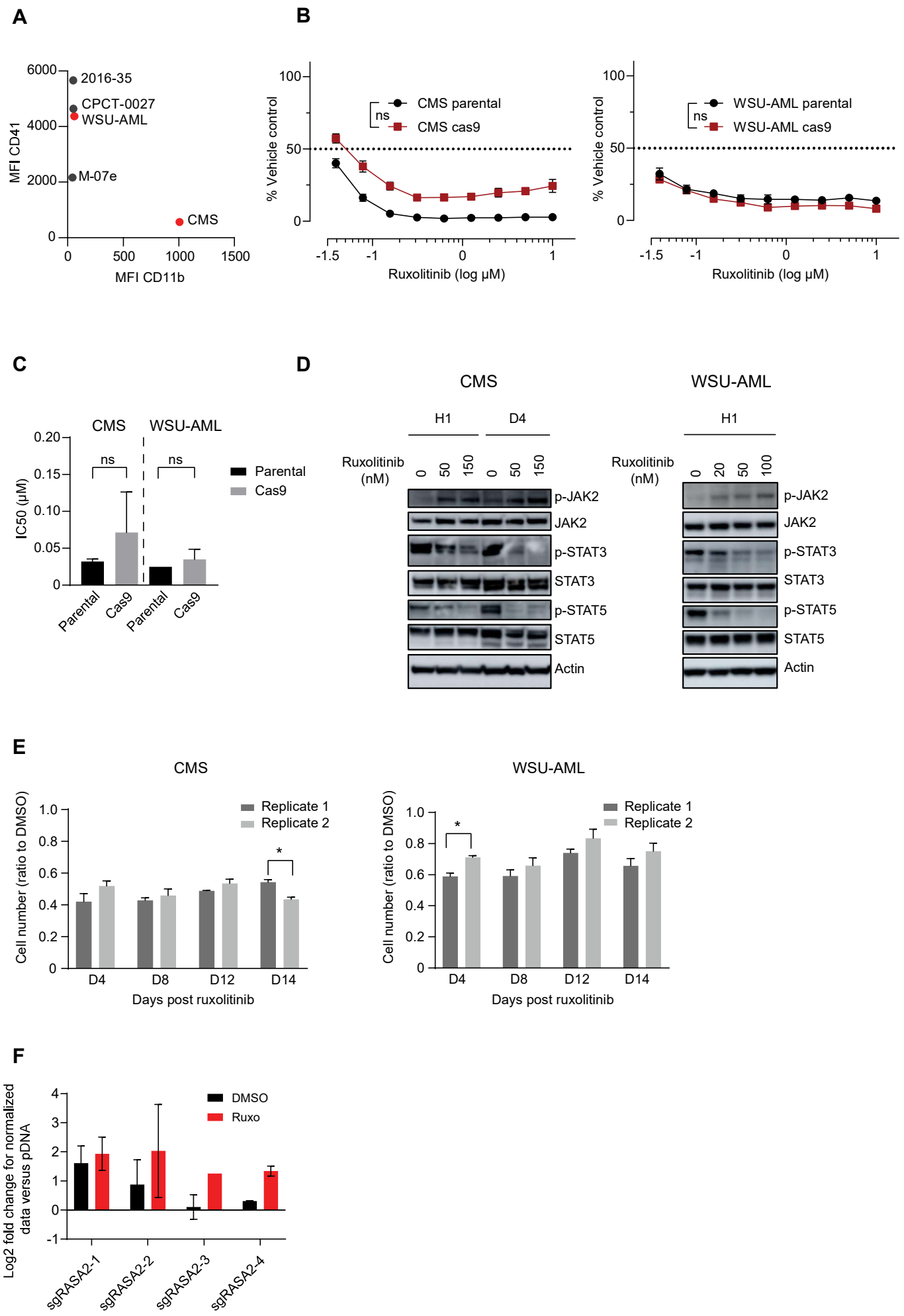
FIGURE S5


A
MFI CD41
MFI CD11b
2016-35
CPCT-0027
WSU-AML
M-07e
CMS
B
% Vehicle control
Ruxolitinib (log μM)
ns
CMS parental
CMS cas9
WSU-AML parental
WSU-AML cas9
C
CMS
WSU-AML
IC50 (μM)
ns
Parental
Cas9
D
CMS
WSU-AML
H1
D4
Ruxolitinib (nM)
p-JAK2
JAK2
p-STAT3
STAT3
p-STAT5
STAT5
Actin
E
CMS
WSU-AML
Cell number (ratio to DMSO)
Replicate 1
Replicate 2
Days post ruxolitinib
D4
D8
D12
D14
F
Log2 fold change for normalized data versus pDNA
DMSO
Ruxo
sgRASA2-1
sgRASA2-2
sgRASA2-3
sgRASA2-4