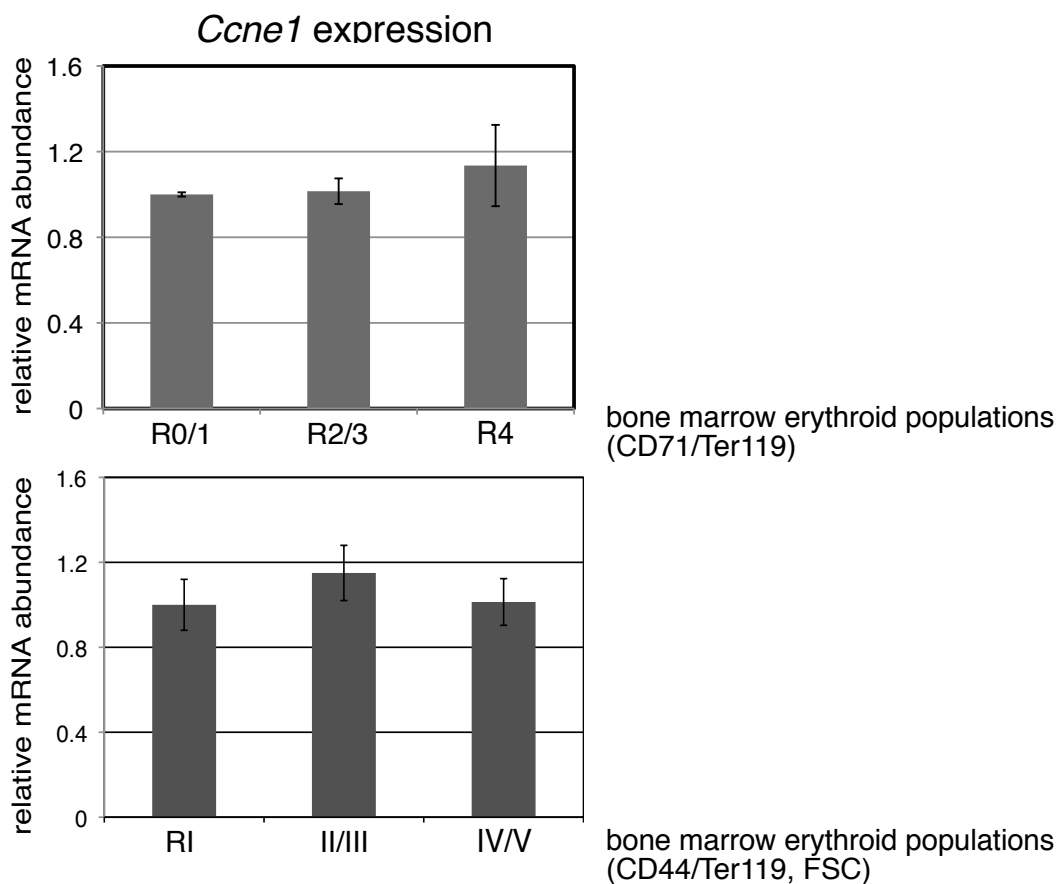
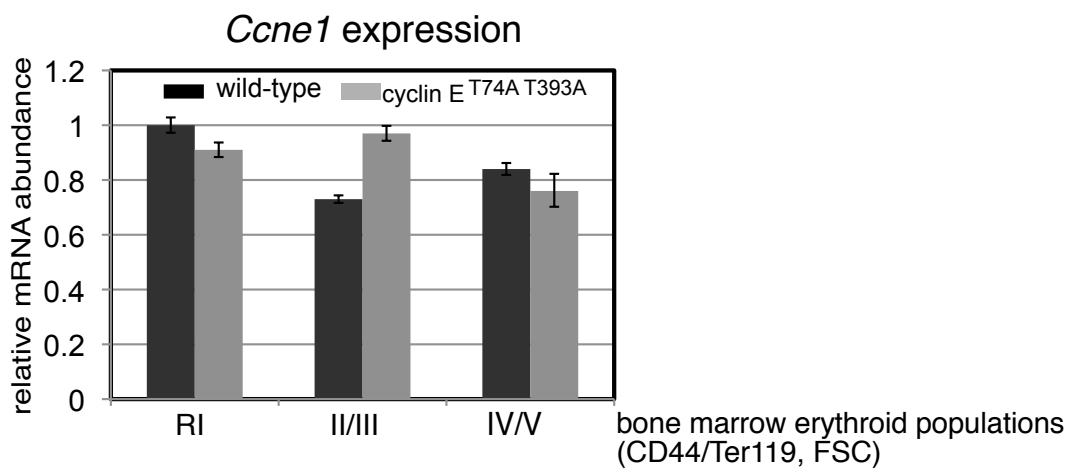


A

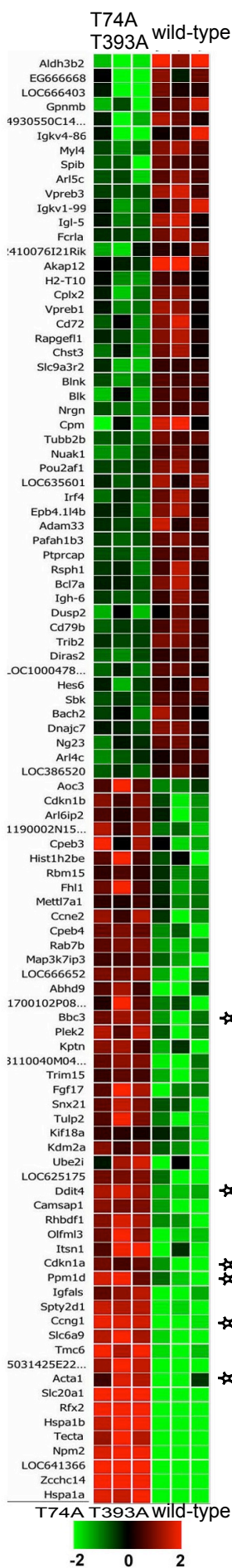


B

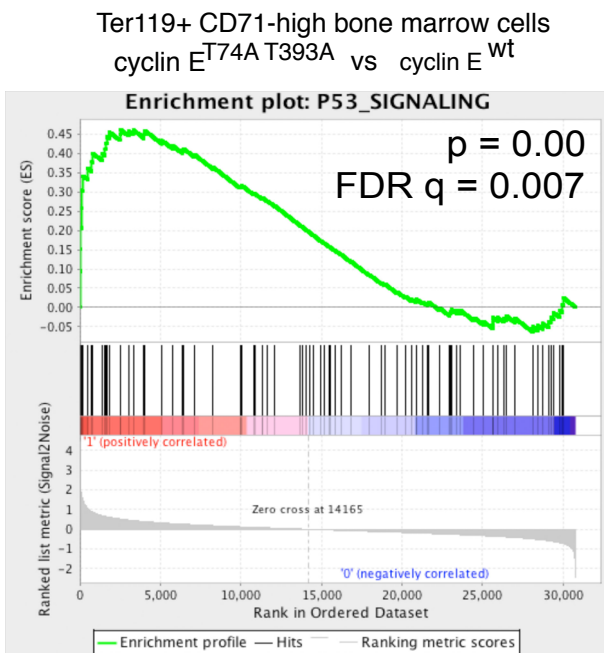


Supplemental Figure 2

A



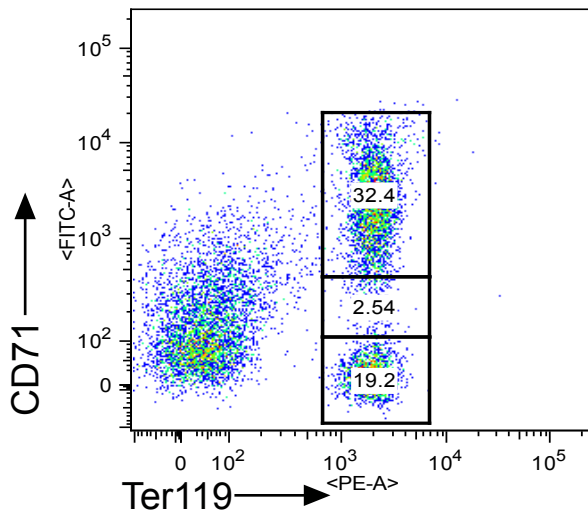
B



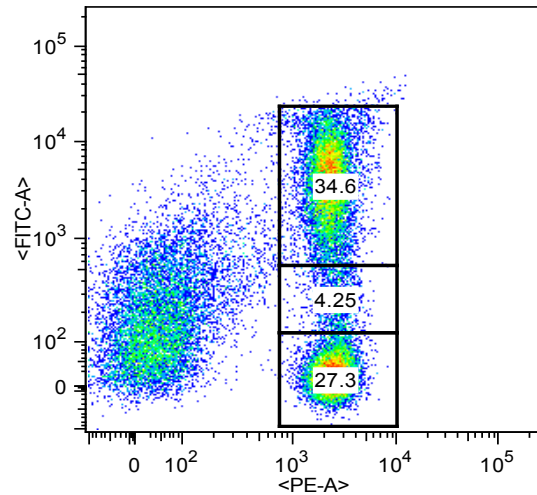
Supplemental Figure 3

Donor cell
genotype:

Cyclin E^{wild-type} ;
p53 fl/fl; Mx1-Cre
- plpC

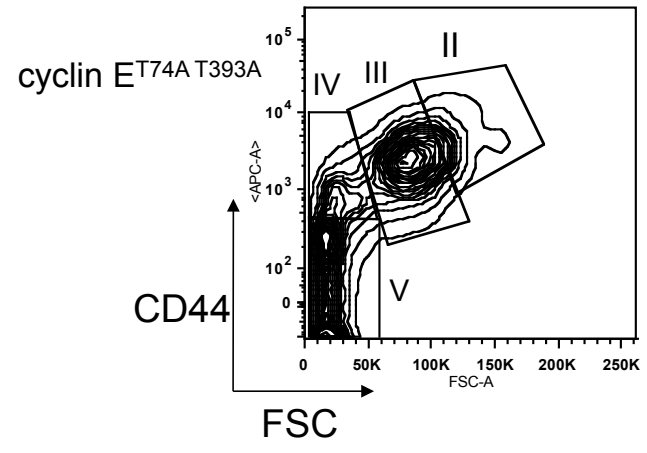
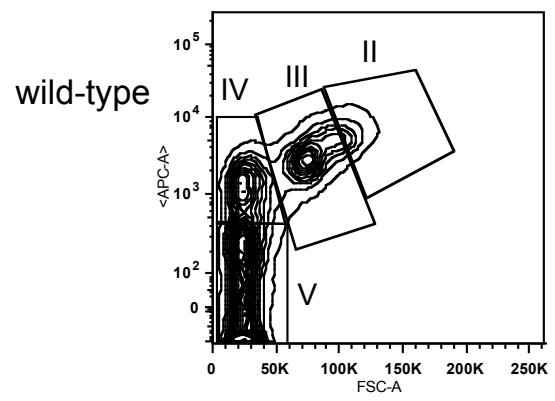


Cyclin E^{wild-type} ;
p53 fl/fl; Mx1-Cre
+ plpC



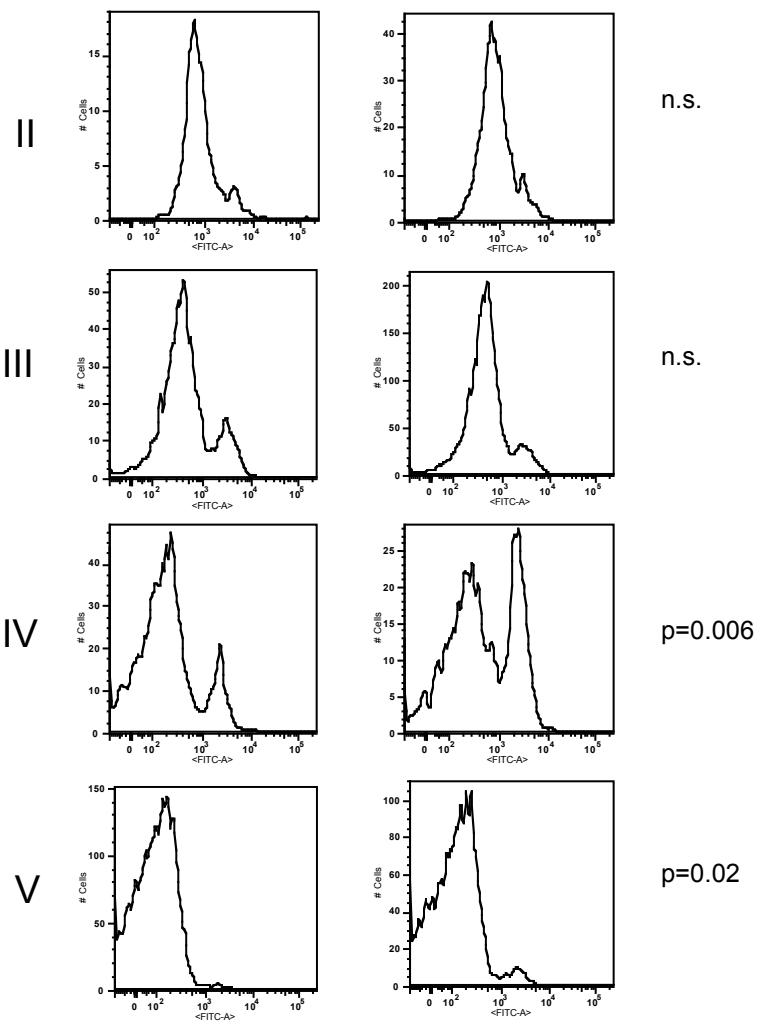
Supplemental Figure 4

Ter119+ population



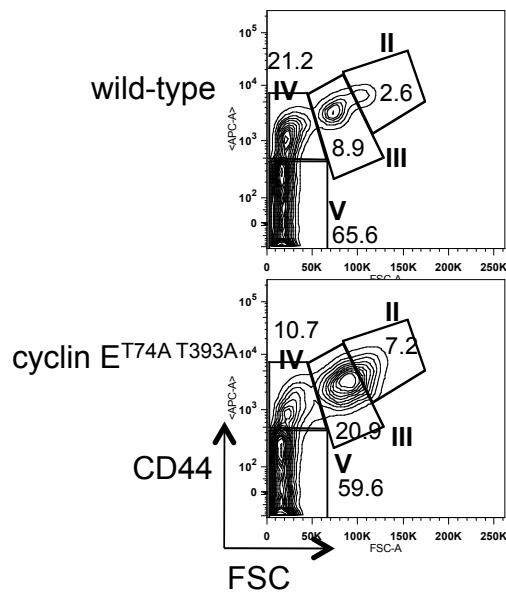
wild-type

cyclin ET^{74A} T393A

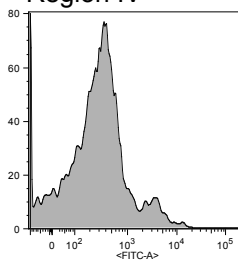


Supplemental Figure 5

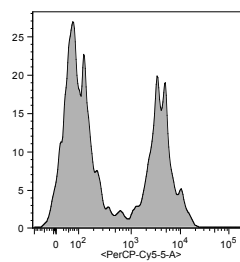
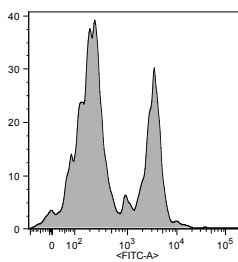
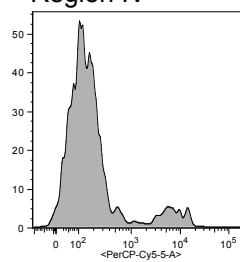
Ter119+ splenocytes

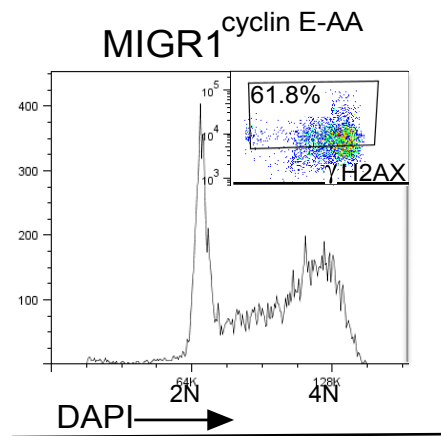
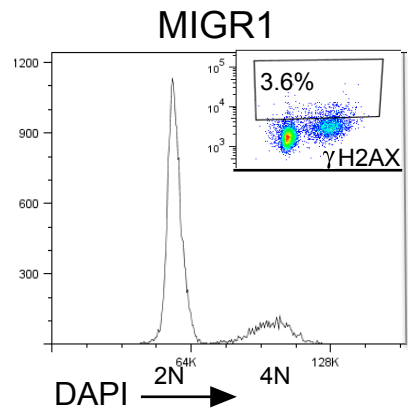


ROS
Region IV

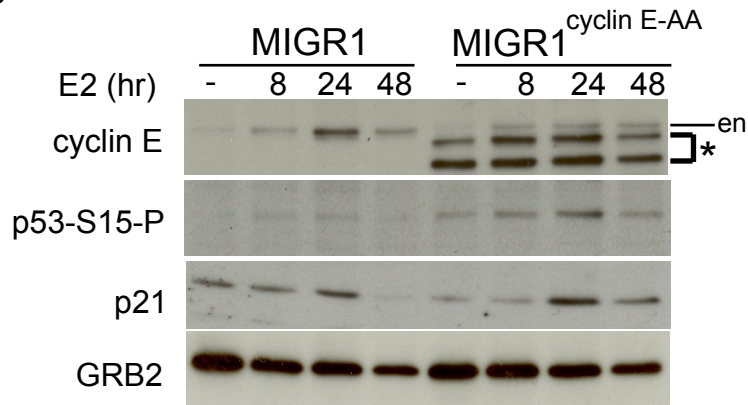
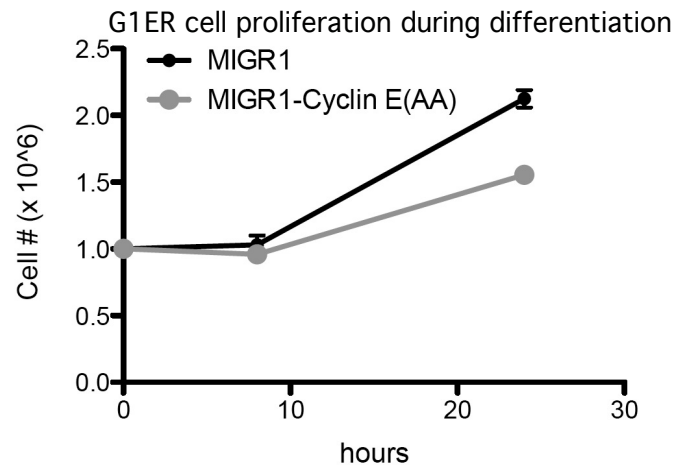


MitoSox
Region IV

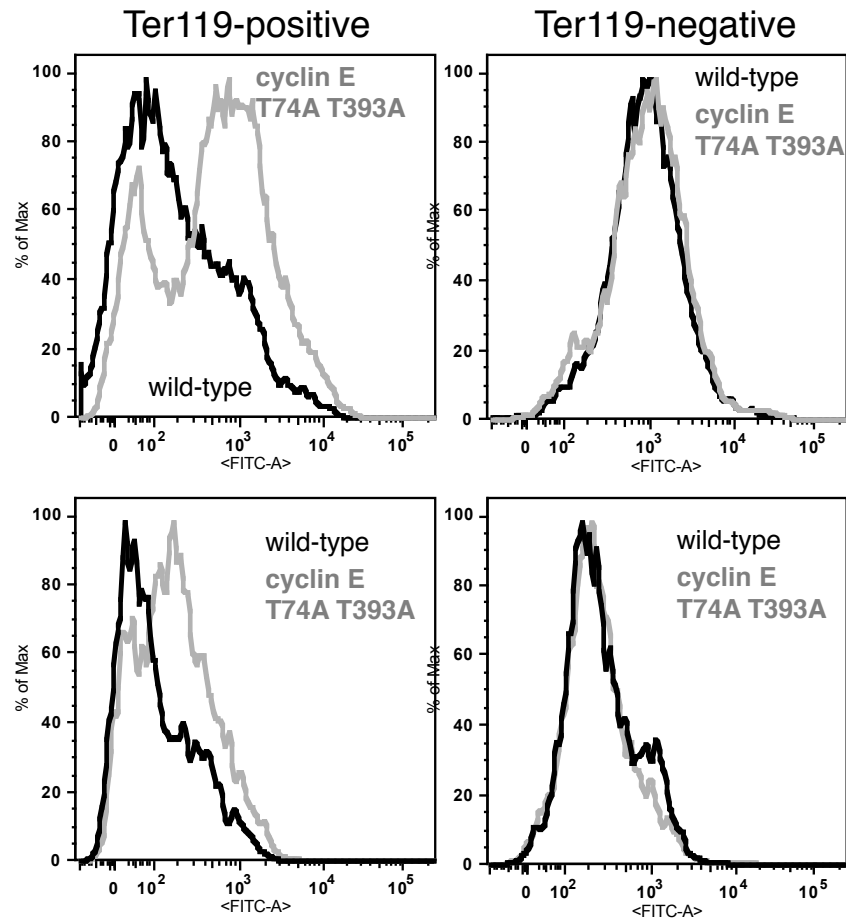


A

Cell cycle analyses-
+E2 (48 hours)

B**C**

Supplemental Figure 7



Supplemental Figure 8

A

cyclin E kinase activity
bone marrow erythroid cells (IV)

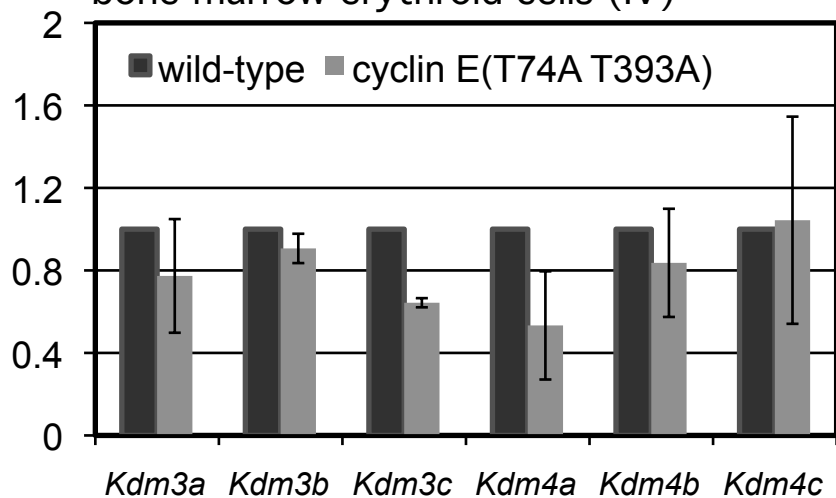


32 P-labeled histone H1

1.0 3.9 36.3 33.8 relative kinase activity

B

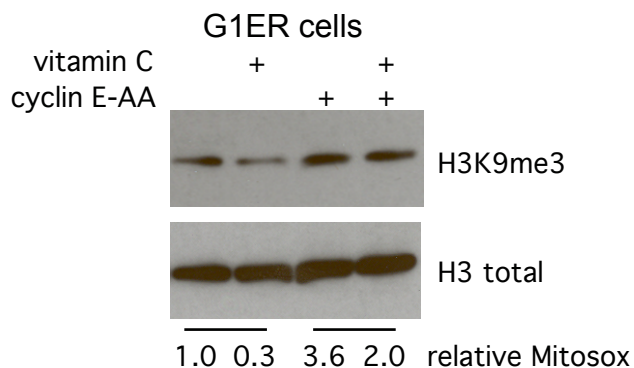
H3K9 demethylase gene expression
bone marrow erythroid cells (IV)



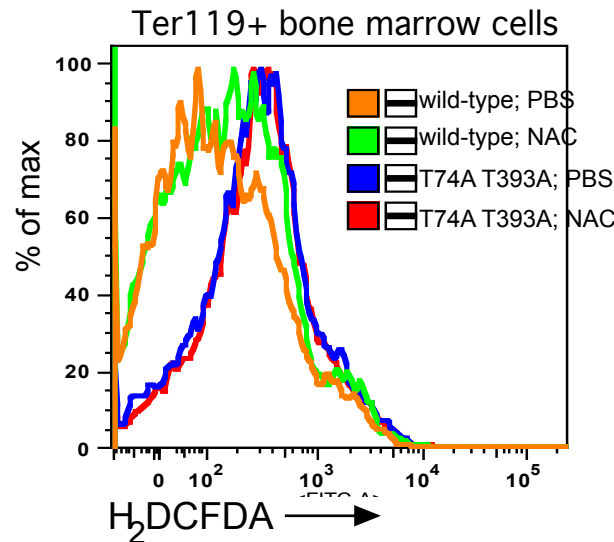
expression induced during
erythroid differentiation

Supplemental Figure 9

A



B



C

