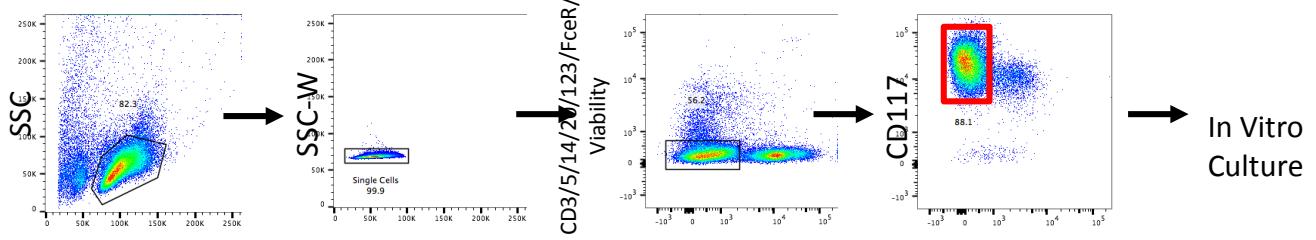


Supplemental Figure 1. Immunophenotyping of NK cell stages and functional evaluation.

A



FSC

SSC-H

CD3/5/14/20/123/Fc ϵ R/
Viability

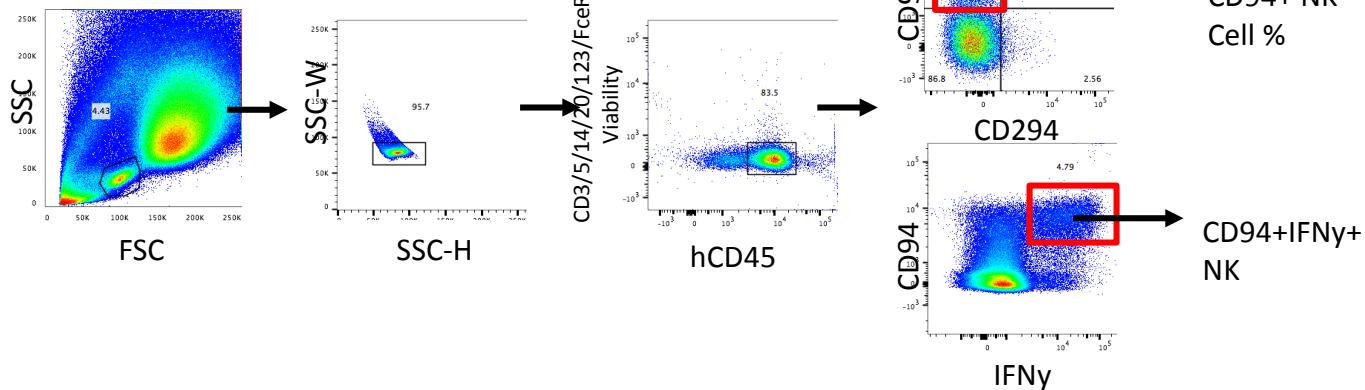
SSC-H

CD117
CD3/5/14/20/123/Fc ϵ R/
Viability

CD294

In Vitro
Culture

B



FSC

SSC-H

CD3/5/14/20/123/Fc ϵ R/
Viability

hCD45

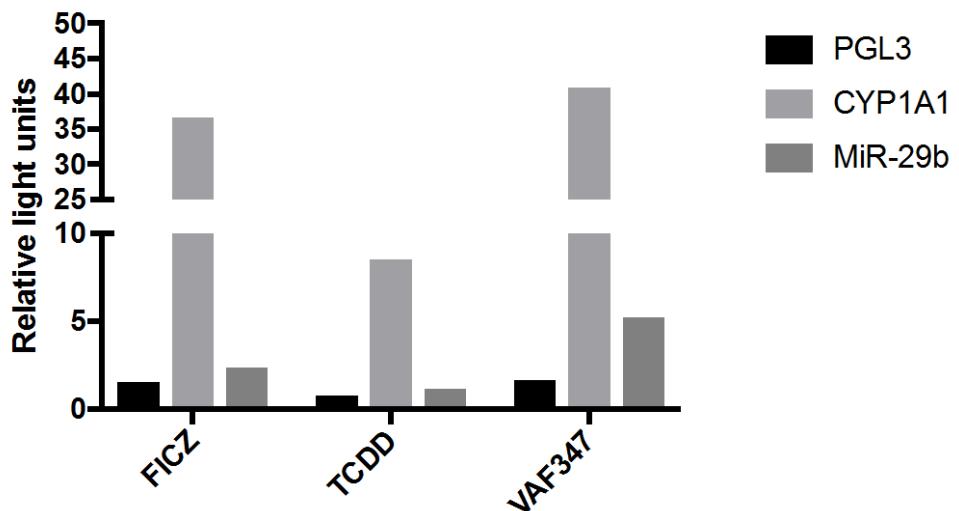
CD294
CD94

IFN γ

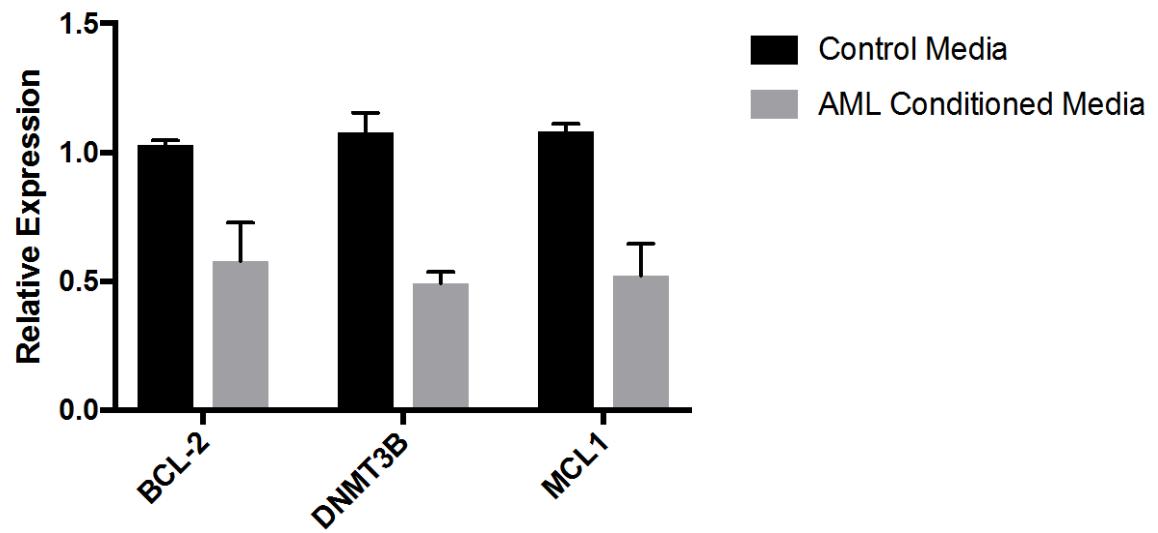
CD94+ NK
Cell %

CD94+IFN γ +
NK

Supplemental Figure 2. AHR agonists activate miR-29b promoter.

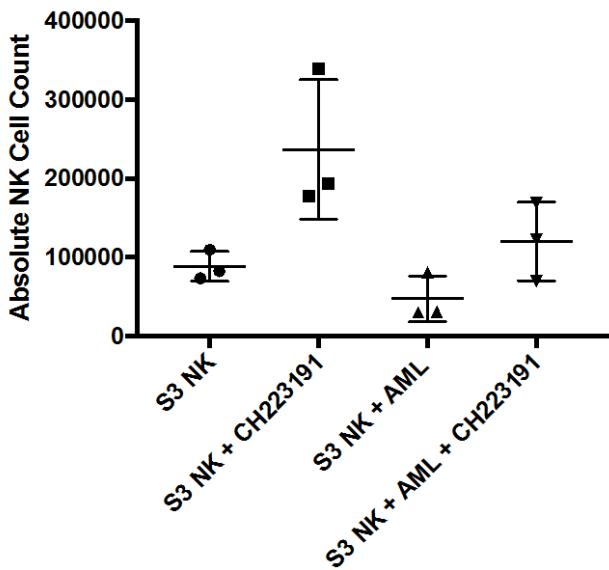


Supplemental Figure 3. Targets of miR-29b are downregulated following Stage 3 NK cell treatment with AML-derived conditioned media.



Supplemental Figure 4. NK cell numbers and function are altered by the presence of AML cells.

A.



B.

