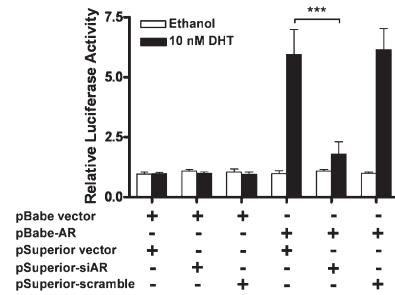
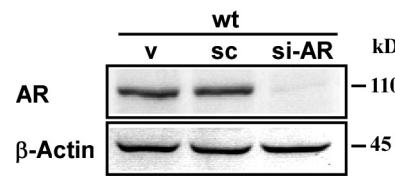


## SUPPLEMENTAL MATERIAL

Chuang et al., <http://www.jem.org/cgi/content/full/jem.20082521/DC1>

**Figure S1.** AR activity is knocked down by AR siRNA and restored by AR cDNA using retroviral infection in CV-1 cells. CV-1 cells were cotransfected with ARE4-Luc, pBabe-AR (or pBabe vector), and AR siRNA (or controls) using Superfect. Cells were then treated with or without 10 nM DHT for 16–18 h. Each Luc activity is presented relative to the transactivation observed in the absence of DHT. Error bars represent the SD of four experiments.



**Figure S2.** AR-targeted disruption in colony cells derived from GMPs infected with retrovirus carrying AR-siRNA. The immunoblot shows that AR protein expression was suppressed in AR-siRNA-infected WT colony cells that were grown in methylcellulose medium with G-CSF (10 ng/ml). v, pSuperior vector; sc, AR scrambled siRNA; si-AR, AR-siRNA.

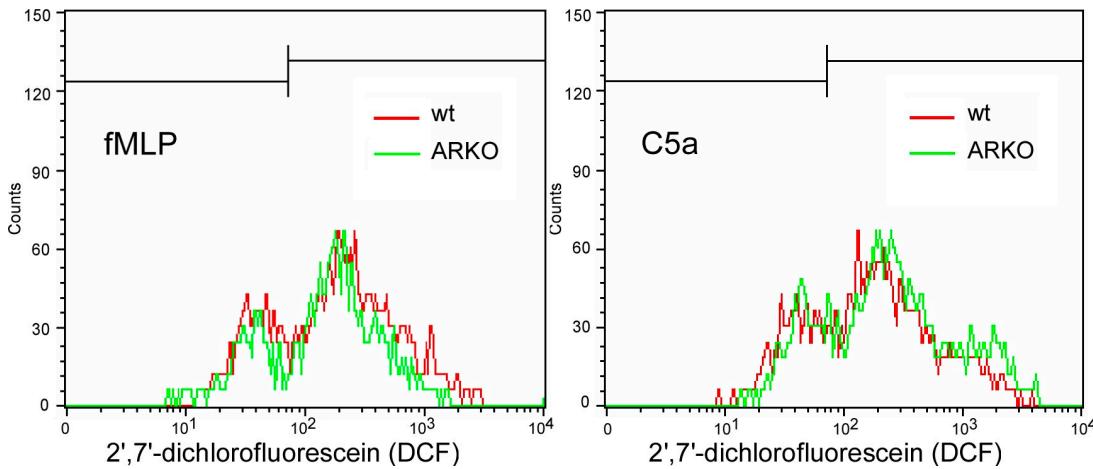


Figure S3. Flow cytometric analysis of oxidative burst in WT and ARKO mature bone marrow neutrophils with fMLP and C5a stimulation.

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**Table S1.** Primer sequences

Gene name	primer (forward)	primer (reverse)
SOCS3	GTTGTAAAGAGGCAGTAG	GACAGAGGGCATTAAGG
Flotillin2	ATCACGGAGGCACAGAACG	CCACCAATCAAGGACAAGC
Ccrl2	AGTGTCTTGTTATTGTTG	ACTTGTGTTCTGTCTTCC
Gyk	GCCCTCTGACAACCGTAG	CGAAGTAGCAGGCCATAAGAAG
C3ar1	ACCGCTGATGGCAATAAC	CTCCGACAAGATGGTATGG
Ccl2	TCCACAACCACCTCAAGCACTC	GGCATCACAGTCCGAGTCACAC
Ccl3	AGACACCAAGGATAACAAG	ACAGAGAAGAACAGCAAGG
Ccl4	TCTCTCTTGTCTGTG	CTGCTGGTCTCATAGTAATCC
Cxcl1	ACCCAAACCGAAGTCATAG	TTGTATAGTGTGTCAGAACG
Cxcl4	TGTGAAGACCATCTCCTC	GCTGATACTTAACCTCTCC
Cxcl7	CAGACTCAGACCTACATC	GGGAGATAGAATTGAATGG
IL-1 $\beta$	ATCTCGAGCAGCACATC	CAGCAGGTTATCATCATCATCC
IL-3	CTACATCTGCGAATGACTCTG	CACGGTCCACGGTTAGG
IL-6	ACCGCTATGAAGTTCTCTC	CTCTGTGAAGTCTCCTCTCC
TNF- $\alpha$	CGTGGAACTGGCAGAAGAG	ACAAGCAGGAATGAGAAGAGG
HPRT	CACAGGACTAGAACACCTGC	GCTGGTAAAAGGACCTCT
G-CSFR	CTCAAACCTATCCTGCCATG	TCCAGGCAGAGATGAGCGAATG
GM-CSFR	GAGGTACAAGGTCAAGGTG	GATTGACAGTGGCAGGCTC
$\beta$ -Actin	CCTAAGGCCAACCGTGAAAAG	TCTTCATGGTGCTAGGAGCCA