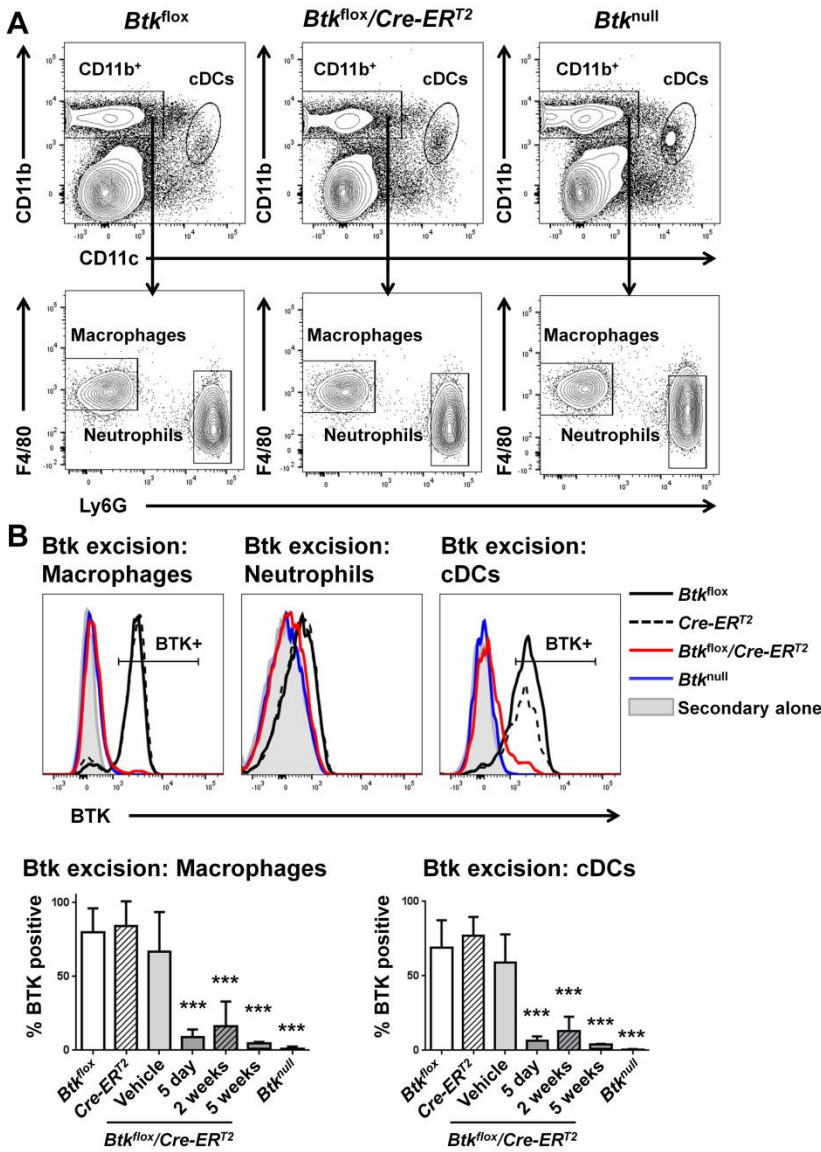


Supplemental Figure 1



Supplemental Figure 1. Inducible knockdown of Btk in $Btk^{flox}/Cre-ER^{T2}$ is stably achieved in splenic innate cells. (A) Representative flow plots for Btk^{flox} (left), $Btk^{flox}/Cre-ER^{T2}$ (middle) and Btk^{null} (right) showing splenic macrophages ($CD11b^+CD11c^-F4/80^+$), neutrophils ($CD11b^+CD11c^-Ly6G^+$), and conventional dendritic cells (cDCs) ($CD11b^+CD11c^+$), five days after tamoxifen injections. Cells are pre-gated as single live cells. (B, top) Representative histograms of macrophage (left), neutrophil (middle) and cDC (right) Btk expression five days after treatment. Shown are a representative Btk^{flox} (black, solid), $Cre-ER^{T2}$ (black, dashed), $Btk^{flox}/Cre-ER^{T2}$ (red), Btk^{null} (blue), and isotype control (gray). (B, bottom) Percent Btk positive macrophages (left) and cDCs (right). Shown in white are Btk^{flox} (solid, n=18), and $Cre-ER^{T2}$ (diagonal pattern, n=8), in light gray $Btk^{flox}/Cre-ER^{T2}$ vehicle controls (horizontal pattern, n=3), in gray $Btk^{flox}/Cre-ER^{T2}$ after five days (solid, n=12), two weeks (diagonal pattern, n=5), or five weeks (horizontal pattern, n=3) and in black, Btk^{null} (n=13). ***p<0.001 as calculated by one-way ANOVA compared to Btk^{flox} .

		<i>Btk</i> ^{flox}	<i>Btk</i> ^{flox} / <i>Cre-ER</i> ^{T2} 5 day	<i>Btk</i> ^{flox} / <i>Cre-ER</i> ^{T2} 5 week	<i>Btk</i> ^{null}
1:10	<i>Btk</i> ^{flox}	X	NS	NS	<0.001
	<i>Btk</i> ^{flox} / <i>Cre-ER</i> ^{T2} 5 day	X	X	NS	<0.001
	<i>Btk</i> ^{flox} / <i>Cre-ER</i> ^{T2} 5 week	X	X	X	0.0012
1:20	<i>Btk</i> ^{flox}	X	NS	NS	<0.001
	<i>Btk</i> ^{flox} / <i>Cre-ER</i> ^{T2} 5 day	X	X	NS	0.0031
	<i>Btk</i> ^{flox} / <i>Cre-ER</i> ^{T2} 5 week	X	X	X	0.0073
1:50	<i>Btk</i> ^{flox}	X	NS	NS	0.0215
	<i>Btk</i> ^{flox} / <i>Cre-ER</i> ^{T2} 5 day	X	X	NS	NS
	<i>Btk</i> ^{flox} / <i>Cre-ER</i> ^{T2} 5 week	X	X	X	NS

Supplemental Table 1: Statistics for Figure 6.