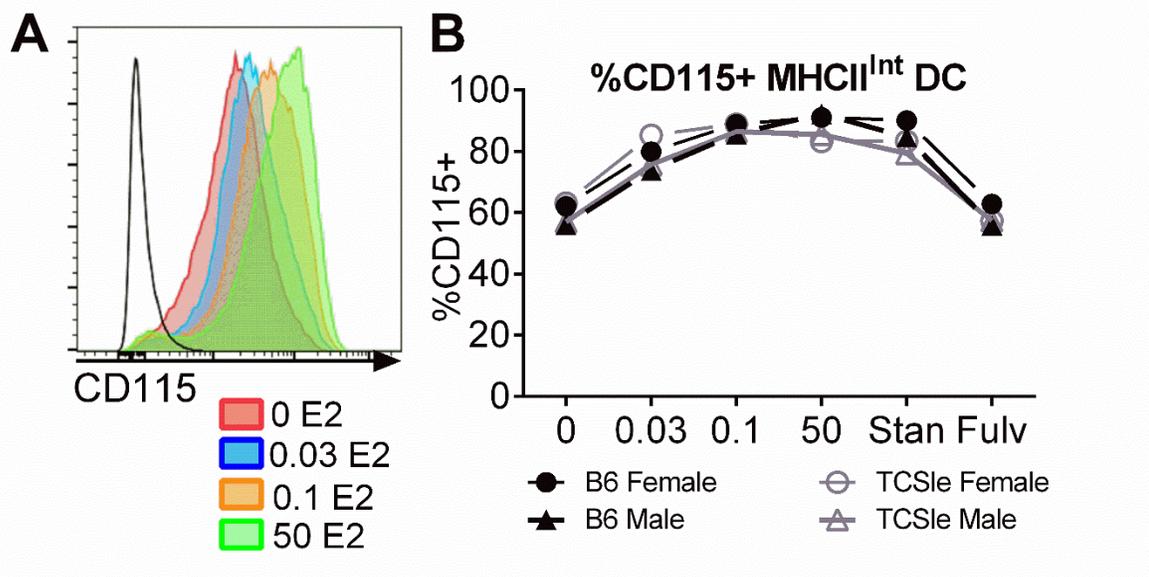


## Supplemental Figure 1



1155

1156 Supplemental Figure 1: *E2 modulates CD115 on B6 and TCSle cDCs*. Bone marrow precursors  
 1157 from B6 or TCSle female and male mice were cultured with GM-CSF in standard phenol red/media  
 1158 conditions or media depleted of phenol red and devoid of steroids (charcoal-treated FBS: 0 E2)  
 1159 and supplemented with 0.03nM, 0.1nM or 50nM 17- $\beta$ -estradiol (E2). Standard conditions were  
 1160 also supplemented with 1 $\mu$ M Fulvestrant. On day 8, cDCs were harvested and stained with fixable  
 1161 viability dye, and antibodies against CD11c, CD11b, MHCII, and CD115. Samples were gated on  
 1162 singlets, live cells, CD11c<sup>+</sup>, MHCII<sup>Int</sup> and CD11b<sup>+</sup>, then CD115. (A) Histogram overlay of CD115  
 1163 on MHCII<sup>Int</sup> DC grown in 0 E2 (Red) 0.03nM (Blue), 0.1nM (Orange) or 50nM (Green). Black  
 1164 line is an unstained control. (B) %CD115<sup>+</sup> of MHCII<sup>Int</sup> DC from B6 (black closed symbols) or  
 1165 TCSle (gray open symbols) female (circle) and male (triangle). N of 1.

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