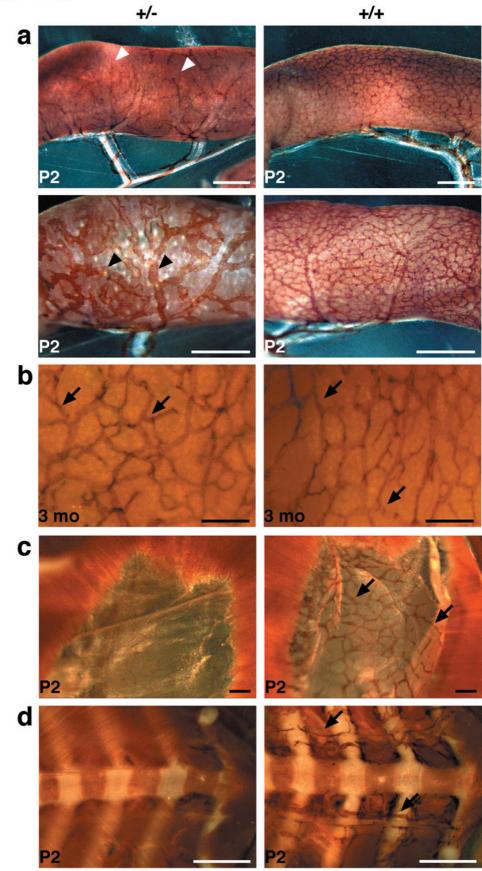
Supplementary Figure 1. Karkkainen et al.



Supplementary Figure 1. Transient hypoplasia of the lymphatic vessels in newborn

Vegfc^{+/-} **mice.** (a) Whole mount staining for VEGFR-3 shows that the subserosal lymphatic vessels are fewer in number and hypoplastic (white arrowheads) or hyperplastic (black arrowheads) in newborn $Vegfc^{+/-}$ pups when compared to the $Vegfc^{+/-}$ littermates. The abnormal lymphatic vessels were associated with accumulation of chylous fluid into the abdomen. P2; postnatal day 2 (b) The lymphatic vessels in P2 $Vegfc^{+/-}$ pups normalized during few postnatal weeks and the lymphatic vessels in most organs were normal in adult (3 months old) $Vegfc^{+/-}$ mice. (c, d) In addition to the intestinal lymphatic vessels, there was general lymphatic vessel hypoplasia in the $Vegfc^{+/-}$ mice after birth. The sternum (c) and the diaphragm (d) of P2 pups are shown as examples. Scale bars (a) 1 mm, (b) 500 μm, (c and d) 1 mm.