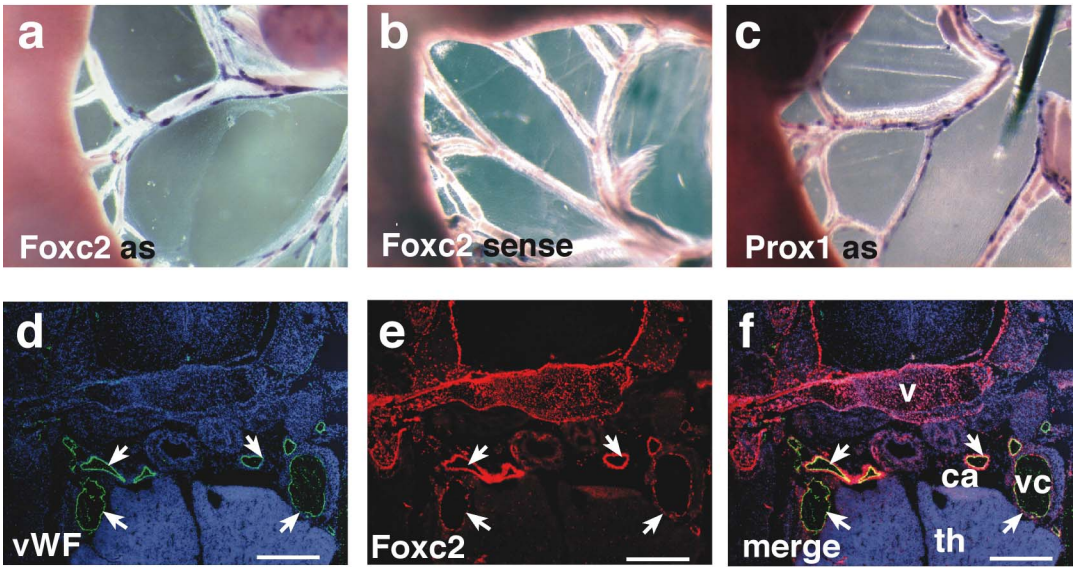
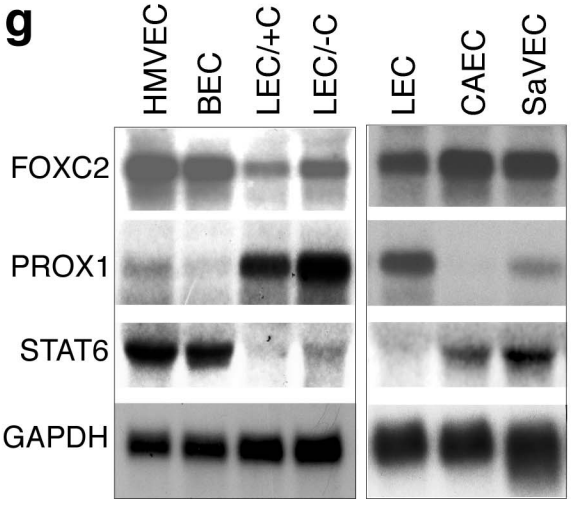

a
Foxc2 as
b
Foxc2 sense
c
Prox1 as
d
vWF
e
Foxc2
f
v
ca
vc
merge
th


g
HMVEC
BEC
LEC/+C
LEC/-C
LEC
CAEC
SaVEC
FOXC2
PROX1
STAT6
GAPDH

Supplementary Figure 8. Expression pattern of FOXC2. (**a-c**) Expression of *Foxc2* mRNA in mesenteric lymphatic vessels. Whole mount *in situ* hybridization of mesenteric vessels in the wt mice using *Foxc2* and *PROX1* antisense probes (**a, c**), or control *Foxc2* sense probe (**b**). (**d-f**) Foxc2 (red) is expressed in the large blood vessels at E17.5. Staining for vWF (green) and DNA (blue). ca-carotid artery; vc-vena cava; v-vertebra; th-thymus. Arrows indicate the expression of Foxc2 in vena cava and carotid artery. Strong expression is also observed in vertebral bodies, as previously reported. Bar, 500 μm. (**g**) Expression of FOXC2 in human primary endothelial cells. Northern blotting and hybridization for the indicated transcripts. Hybridization to PROX1 and STAT6 probes was used to confirm the identity of the lymphatic and blood vascular endothelial cells, respectively[37], and hybridization to GAPDH probe was used as a loading control. CAEC, coronary artery endothelial cells (ECs); SaVEC, saphenous vein ECs; HDMEC, human dermal microvascular ECs; BEC, blood vascular ECs; LEC, lymphatic ECs. +C,-C: cells cultured in the presence or in the absence of 100 ng/ml of VEGF-C.