

Description of Additional Supplementary Files

Supplementary Movie 1. No impairment lymphatic vessel pumping despite lymphatic injury in CD4KO mice. Near-infrared lymphangiography of collecting lymphatic vessel pumping following PLND in CD4KO mice.

Supplementary Movie 2. Adoptively transferred CD4⁺ T cells mediate impaired lymphatic vessel pumping. Near-infrared lymphangiography of collecting lymphatic vessel pumping following PLND in AT mice.

Supplementary Movie 3. Impaired lymphatic vessel pumping after lymphatic injury in WT mice. Near-infrared lymphangiography of collecting lymphatic vessel pumping following PLND in WT mice.

Supplementary Movie 4. iNOS mediates impaired lymphatic vessel pumping following lymphatic injury. Near-infrared lymphangiography of collecting lymphatic vessel pumping following PLND in iNOS knockout (iNOS KO) mice.