

Selective role of vinculin in contractile mechanisms of endothelial permeability

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ONLINE DATA SUPPLEMENT

Supplemental Figure Legend

Supplemental Figure 1S. Analysis of cell death and EC barrier recovery in IL-6 stimulated endothelial cells. **A** – HPAEC were stimulated with IL-6 and SR (30 ng/ml / 60 ng/ml, 5 hr) followed by staining with green-fluorescent calcein-AM to indicate intracellular esterase activity and red-fluorescent ethidium homodimer-1 to indicate loss of plasma membrane integrity. Methanol treatment (50% solution, 10 min) was used as a positive cell death control. **A** – HPAEC grown on microelectrodes were stimulated with IL-6 and SR followed by washout of IL-6/SR at the time point shown by arrow. EC permeability changes were monitored by measurements of transendothelial electrical resistance. Shown are results of three independent measurements.

