SUPPLEMENTARY APPENDIX

Cytoprotective and pro-angiogenic functions of thrombomodulin are preserved in the C loop of the fifth epidermal growth factor-like domain

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 doi:10.3324/haematol.2017.184481

Received: December 18, 2017.

Accepted: June 13, 2018.

Pre-published: June 14, 2018.

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SUPPLEMENTAL MATERIAL

Materials and Methods

Reagents

TME5 was provided by Asahi Kasei Pharma (Tokyo, Japan). TME5C was synthesized by Peptide Institute Inc (Osaka, Japan). FK506 were purchased from Sigma-Aldrich (St. Louis, MO).

Proliferation Assay

BrdU Cell Proliferation kit (Roche, Basel, Switzerland) was used to detect the proliferation of HUVECs according to the protocol of the manufacturer.

Legends to figures

Figure S1. TME5 stimulates proliferation and blocks FK506-induced growth inhibition in HUVECs.

BrdU incorporation assay. HUVECs were cultured with TME5 (1, 10, 30, 100, 500 nM) with or without FK506 (10 μg/ml) for 24 h. Proliferation was measured by BrdU incorporation assays. Experiments were performed three times in triplicate plates. Results represent the mean ± SD. *P<0.05. HUVECs, human umbilical vein endothelial cells; N.S., not significant.

HUVECs

Figure S1