

Supplemental Table 1. Hematological values and hemodynamic parameters of the dermal microcirculation.

Dermal Venules									
	WT	WT	<i>Cd44</i> ^{-/-}	<i>Selp</i> lg ^{-/-}	DKO	<i>Selp</i> lg ^{-/-}	<i>Selp</i> lg ^{-/-}	<i>Selp/Sele</i> ^{-/-}	<i>Fut7</i> ^{-/-}
OXA	-	+	+	+	+	+	+	+	+
α Esel	-	-	-	-	-	+	-	-	-
H'ase	-	-	-	-	-	-	+	-	-
WBC	4.9 ± 0.6	4.9 ± 0.6	5.1 ± 0.6	9.5 ± 0.8	9.5 ± 0.5	8.1 ± 1.1	6.2 ± 0.4	23.0 ± 2.6	21.5 ± 1.4
%CD4	7.9 ± 0.8	7.9 ± 0.8	8.6 ± 1.1	4.0 ± 0.3	4.1 ± 0.7	4.3 ± 0.7	3.8 ± 0.3	3.0 ± 0.5	5.1 ± 0.5
% Gr-1	64.6 ± 3.3	64.6 ± 3.3	63.0 ± 4.0	80.8 ± 0.9	75.7 ± 2.5	80.2 ± 4.5	75.7 ± 3.0	89.4 ± 1.3	79.8 ± 1.8
V _D	50.3 ± 3.2	57.7 ± 3.1	45.7 ± 3.8	50.5 ± 5.1	53.3 ± 2.9	77.2 ± 2.5	57.2 ± 3.5	42.4 ± 4.2	36.7 ± 2.7
V _{RBC}	0.46 ± 0.03	0.51 ± 0.04	0.47 ± 0.04	0.44 ± 0.03	0.53 ± 0.07	1.8 ± 0.1	0.67 ± 0.05	0.48 ± 0.07	0.74 ± 0.04
γ (s ⁻¹) x10 ³	0.105 ± 0.01	0.098 ± 0.01	0.118 ± 0.01	0.122 ± 0.02	0.114 ± 0.01	0.25 ± 0.02	0.126 ± 0.01	0.125 ± 0.01	0.229 ± 0.02
venules (mice)	24 (7)	25 (7)	19 (6)	15 (8)	18 (6)	25 (5)	14 (4)	14 (4)	16 (4)

Blood samples obtained by retro-orbital bleeding of mice 8 h after challenge with 0.5% oxazolone were used to determine leukocyte counts (WBC), and the percentage of CD4+ and Gr-1+ cells in blood was assessed by flow cytometry. Hemodynamic values (V_D, vessel diameter; V_{RBC}, centerline velocity and γ , wall shear rate) were obtained from intravital microscopy analyses of the dermal microcirculation. Values for non-inflamed (OXA -) dermal tissues in wild-type mice were obtained from animals in which the right ear was challenged with oxazolone (OXA +) and the left ear with vehicle, and thus the hematological values coincide for both WT groups. Values are means ± SEM. H'ase, hyaluronidase.