

## Online Supplement

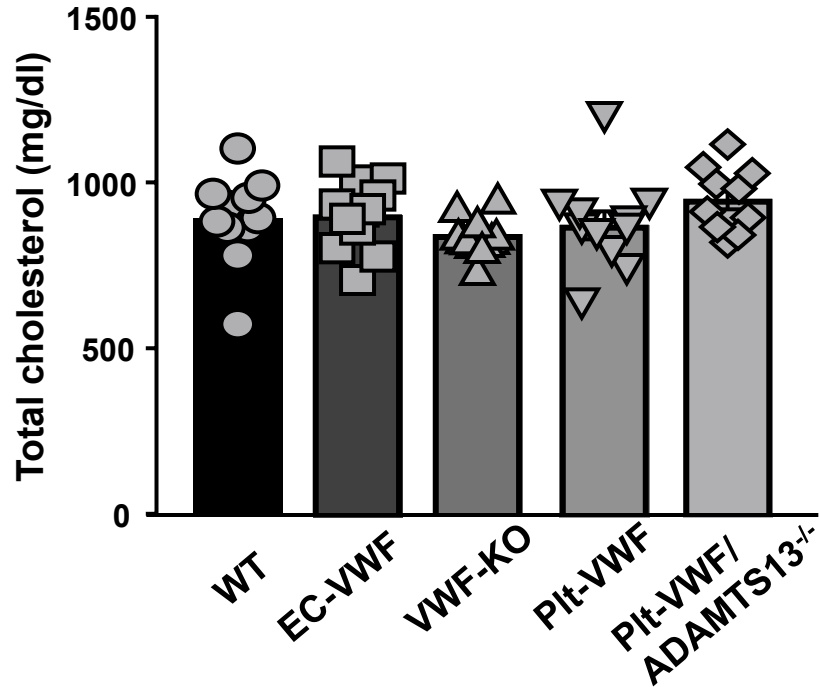
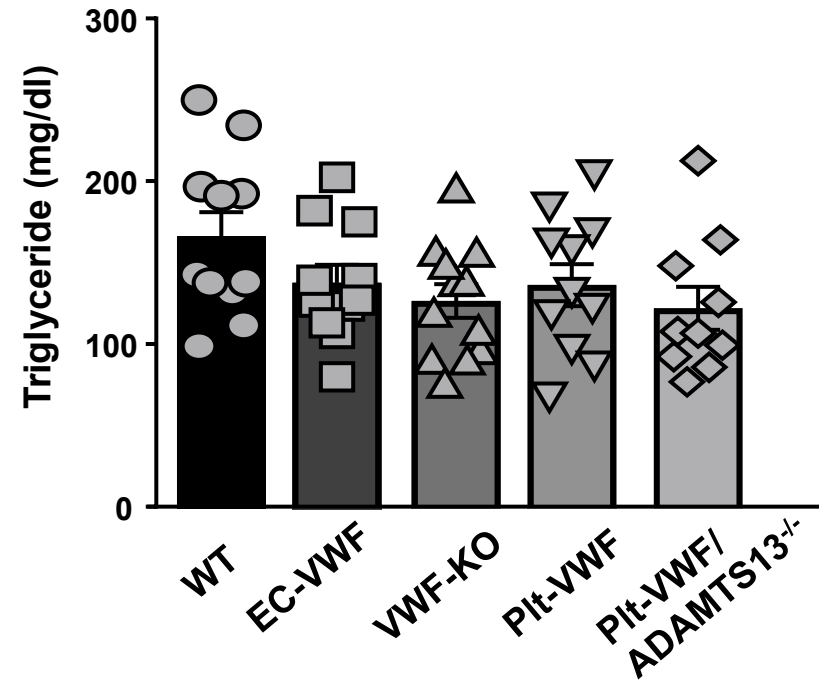
### **Endothelial cell-derived von Willebrand factor, but not platelet-derived, promotes atherosclerosis in Apoe-deficient mice**

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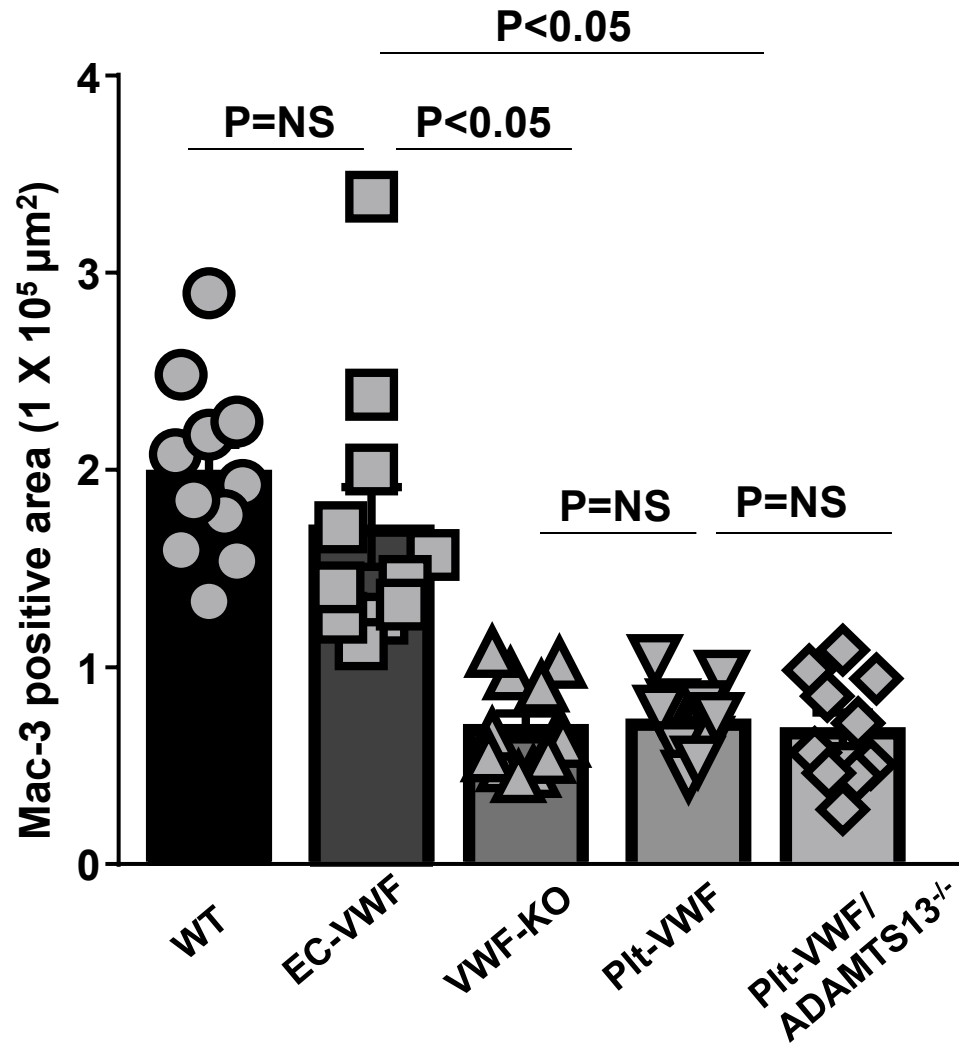
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**Table SI.** Complete blood counts were comparable among groups. Value are expressed as mean  $\pm$  SEM. N= 10-12 mice/group. Statistical analysis: Parametric one-way ANOVA followed by Sidak's multiple comparisons test. P=Non significant.

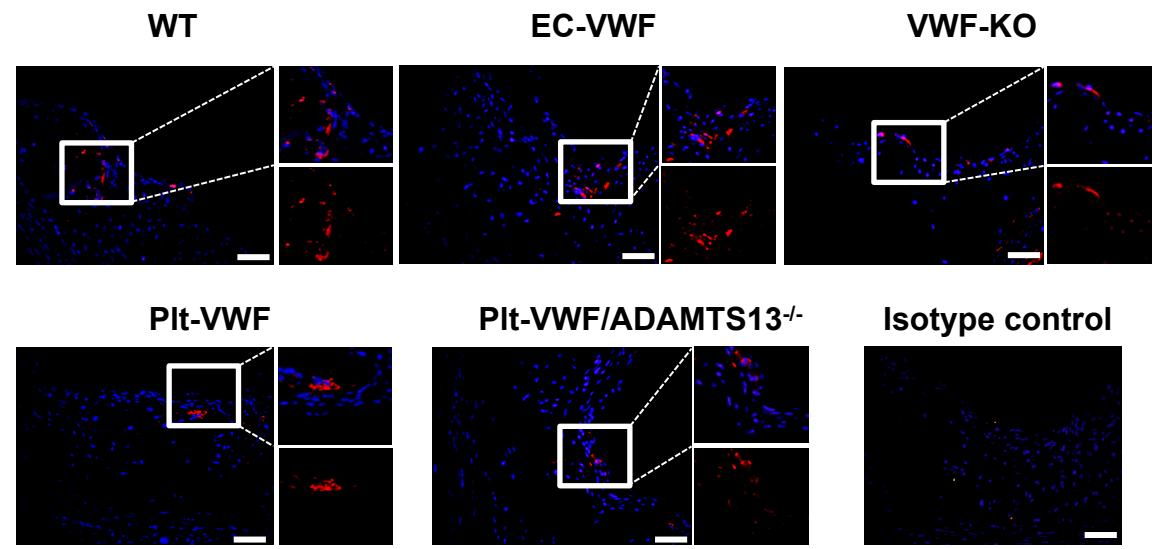
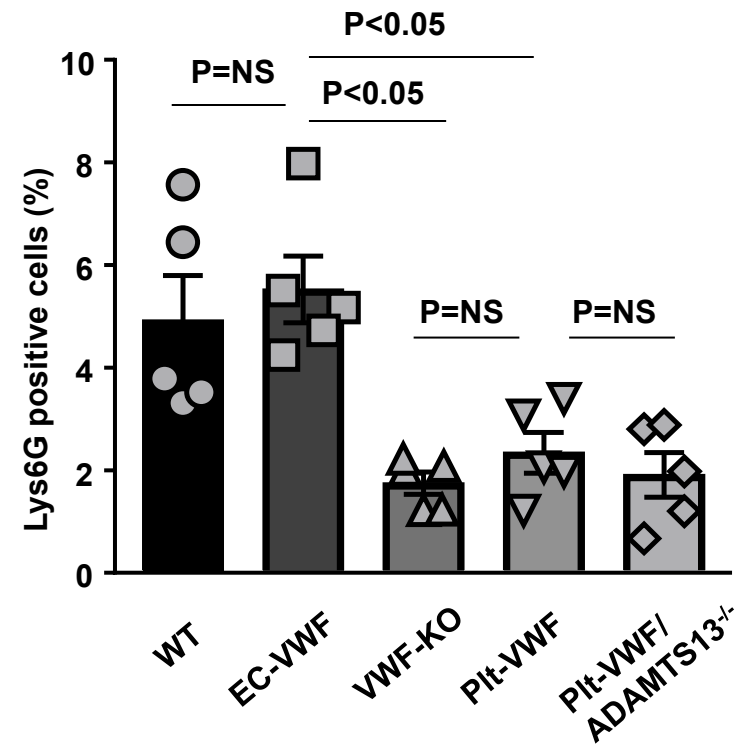
	<i>Apoe</i> <sup>-/-</sup> -BM in <i>Apoe</i> <sup>-/-</sup> mice (n=11)	<i>Vwf</i> <sup>-/-</sup> <i>Apoe</i> <sup>-/-</sup> -BM in <i>Apoe</i> <sup>-/-</sup> mice (n=11)	<i>Vwf</i> <sup>-/-</sup> <i>Apoe</i> <sup>-/-</sup> -BM in <i>Vwf</i> <sup>-/-</sup> <i>Apoe</i> <sup>-/-</sup> mice (n=12)	<i>Apoe</i> <sup>-/-</sup> -BM in <i>Vwf</i> <sup>-/-</sup> <i>Apoe</i> <sup>-/-</sup> mice (n=11)	<i>Adamts13</i> <sup>-/-</sup> <i>Apoe</i> <sup>-/-</sup> -BM in <i>Adamts13</i> <sup>-/-</sup> <i>Vwf</i> <sup>-/-</sup> <i>Apoe</i> <sup>-/-</sup> mice (n=10)
RBC (10 <sup>6</sup> /μL)	9.6 $\pm$ 0.5	9.3 $\pm$ 0.2	9.3 $\pm$ 0.3	9.1 $\pm$ 0.4	9.3 $\pm$ 0.2
WBC (10 <sup>3</sup> /μL)	12.0 $\pm$ 1.9	8.2 $\pm$ 1.2	11.0 $\pm$ 1.3	8.5 $\pm$ 1.1	10.1 $\pm$ 0.9
HGB (g/dL)	13.8 $\pm$ 1.1	13.4 $\pm$ 0.4	11.6 $\pm$ 0.8	13.3 $\pm$ 0.8	12.6 $\pm$ 0.7
HCT (%)	42.6 $\pm$ 2.49	44.3 $\pm$ 0.77	41.6 $\pm$ 1.46	40.6 $\pm$ 1.40	42.0 $\pm$ 1.18
PLT (10 <sup>3</sup> /μL)	1021 $\pm$ 103	1056 $\pm$ 35	1077 $\pm$ 42	891 $\pm$ 41	879 $\pm$ 71

**A****B**

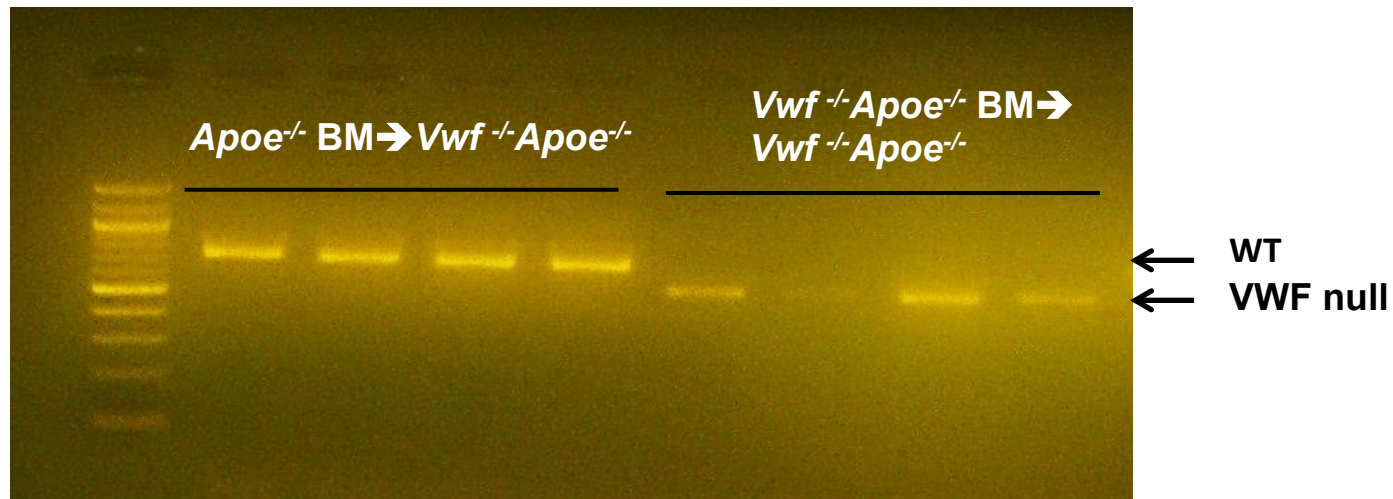
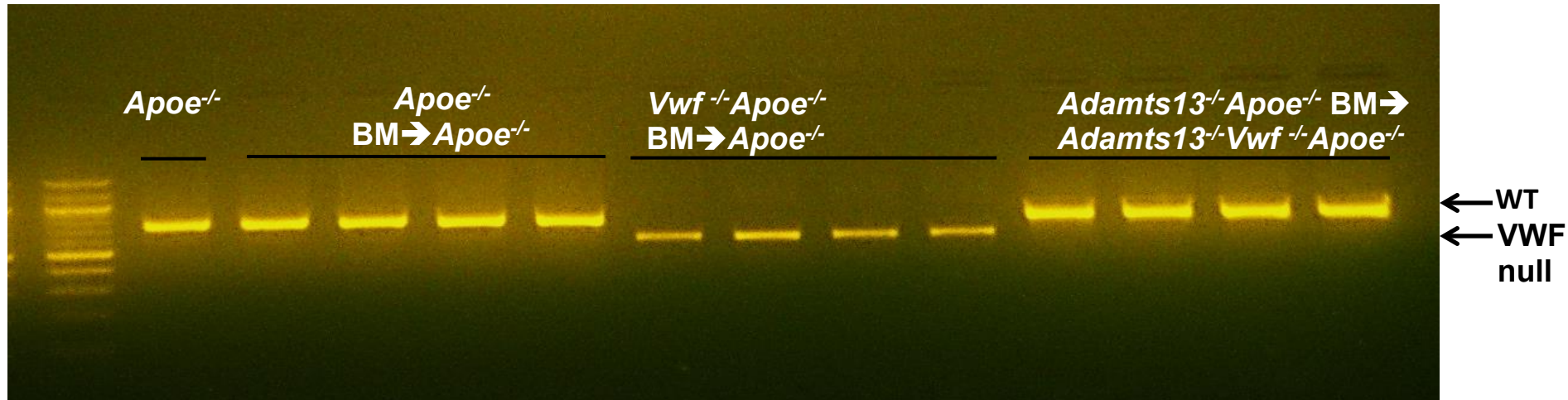
**Figure SI. Plasma total cholesterol and triglyceride levels in female mice fed a high-fat “Western” diet for 14 weeks.** Values are represented as means  $\pm$  SEM. N=10-12 mice/group. Statistical analysis: Parametric one-way ANOVA followed by Sidak's multiple comparisons test. P= Non significant.



**Figure SII. Monocyte/macrophage-positive area in female mice fed a high-fat “Western” diet for 14 weeks.** Values are represented as means  $\pm$  SEM. N=10-12 mice/group. Value for each mouse represents a mean of 16 fields from 4 serial sections. Statistical analysis: Kruskal-Wallis test followed by uncorrected Dunn’s test. NS: non-significant.

**A****B**

**Figure SIII. Neutrophil-positive area in female mice fed a high-fat “Western” diet for 14 weeks.** Values are represented as means  $\pm$  SEM. N=5 mice/group. Value for each mouse represents a mean from 4 serial sections. Statistical analysis: Parametric one-way ANOVA followed by Sidak's multiple comparisons test. NS: non-significant



**Figure SIV.** Successful bone marrow transplantation was confirmed after 4 weeks by PCR to check presence of the genomic DNA of the respective donor mice in peripheral blood cells .