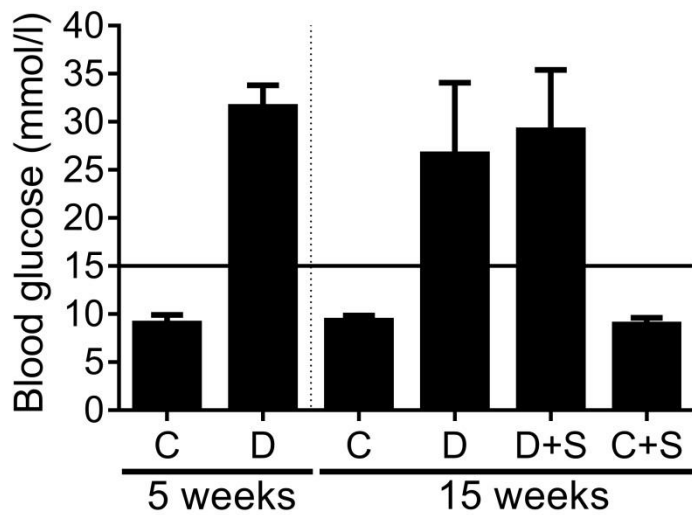


ESM Fig. 1 Transfection efficiency. The sFlt-1 and luciferase constructs were co-transfected bilaterally into both calf muscles. Following an i.p. injection of luciferin, luminescence was measured and is shown on an arbitrary pseudocolor scale; red color indicates high luminescence.



ESM Fig. 2 Blood glucose levels were measured in control (C) and diabetic mice (D) at 5 and 15 weeks. Where indicated, mice were transfected with *sFlt-1* (S). The horizontal line at 15 mmol/L indicates the threshold used in this study to define diabetic mice. Transfection with *sFlt-1* had no significant effect on blood glucose levels measured at week 15 in diabetic mice. Bars represent mean \pm SD. Number of animals: non-diabetic, non-transfected control mice at 5 and 15 weeks (n=5 mice each); non-transfected diabetic mice at 5 and 15 weeks (n=7 and n=6, respectively); non-diabetic control mice transfected with *sFlt-1* (n=10); and diabetic mice transfected with *sFlt-1* (n=6).