

Table S1. Mean values for blood and immunohistochemistry.

Parameter/stage	Wild-type mean	VWD Type 1 mean
VWF:GPIbM (%)		
Before Implantation	134	71
Early pregnancy	108	70
Mid pregnancy	106	70
Late pregnancy	144	84
Proestrus	99	83
Oestrus	109	78
Metoeustrus	105	79
Dioestrus	122	76
FVIII:C (%)		
Before Implantation	247	224
Early pregnancy	243	223
Mid pregnancy	251	199
Late pregnancy	272	226
Proestrus	219	180
Oestrus	265	189
Metoeustrus	224	155
Dioestrus	216	162
C/EPI (seconds)		
Before Implantation	170	263
Early pregnancy	148	270
Mid pregnancy	231	300
Late pregnancy	199	242
C/ADP (seconds)		
Before Implantation	78	155
Early pregnancy	95	145
Mid pregnancy	111	136
Late pregnancy	85	104
P2Y (seconds)		
Before Implantation	52	92
Early pregnancy	52	105
Mid pregnancy	58	114
Late pregnancy	53	90
IHC ovary (% of positive cells)		/
Proestrus	28.3	
Oestrus	23.8	
Metoeustrus	33.2	
Dioestrus	28.1	
juvenile	25.9	
IHC uterus (% of positive cells)		/
Proestrus	31.0	
Oestrus	28.8	
Metoeustrus	33.0	
Dioestrus	26.1	
juvenile	29.0	

Table S2. Fractions of Multimers during pregnancy

	LMWM % VWD T1	IMWM % VWD T1	HMWM % VWD T1	LMWM % WT	IMWM % WT	HMWM % WT
Individual 1 T0	38.4	12.7	48.9	12.3	16.6	71.7
Individual 2 T0	11.4	19.1	69.5	14.4	13.5	72.1
Individual 1 T35	25	18.9	56.1	21	32.3	46.7
Individual 2 T35	11.2	23	65.8	10.1	14.2	75.7
Individual 1 T63	31.4	19.4	49.2	13.2	18.9	67.9
Individual 2 T63	10.8	19.6	69.6	11.9	25.2	62.9
Individual 1 T77	18.9	12.4	68.7	19.5	27	53.5
Individual 2 T77	16.8	17.2	66	8.7	25	66.3
Individual 1 T91	25.3	12.9	61.8	12.6	21.4	66
Individual 2 T91	17.8	20.2	62	11.9	23.5	64.6
Individual 1 T105	18.9	26	55.1	x	x	x
Individual 2 T105	17.8	27.2	55	x	x	x

LMWM: Low molecular weight multimers; IMWM: intermediate molecular weight multimers; HMWM: high molecular weight multimers; Tn: Day n; VWD T1: von Willebrand Disease Type 1; WT: wildtype