

Supplementary Table 4 Summary of regulated peptides in SMC and HUVEC TAILS

experiments. Significantly regulated quantitated peptides from WT/EQ, WT/Luc and EQ/Luc comparisons presented from each TAILS experiment. Positive Log fold change (FC+) and negative Log fold change (FC-) regulated peptides indicate significantly upregulated or downregulated peptides from each comparison. After removal of ADAMTS7 peptides, the candidate FC+ represent potential ADAMTS7 substrate cleavage sites. High confidence candidates were present in both WT/EQ and WT/Luc comparisons from each TAILS experiment.

	8818 SMC1 p<0.01			10964 SMC2 p<0.05			13276 HUVEC p<0.05		
	WT/EQ	WT/Luc	EQ/Luc	WT/EQ	WT/Luc	EQ/Luc	WT/EQ	WT/Luc	EQ/Luc
Significant	312	646	217	314	755	333	213	524	349
All LogFC+	297	590	194	302	681	321	191	376	251
All LogFC-	15	56	23	12	74	12	22	148	98
ADAMTS7 FC+	57	201	133	54	250	157	36	157	136
ADAMTS7 FC-	3	0	0	1	0	0	3	1	0
Candidates FC+	240	389	61	248	431	164	155	219	115
Candidates FC-	12	56	23	11	74	12	19	147	98
Dup Cand FC+	2	3	0	3	4	0	1	1	1
Novel Cand FC+	238	386	61	245	427	164	154	218	114
High confidence	207			210			127		