

Figure S8

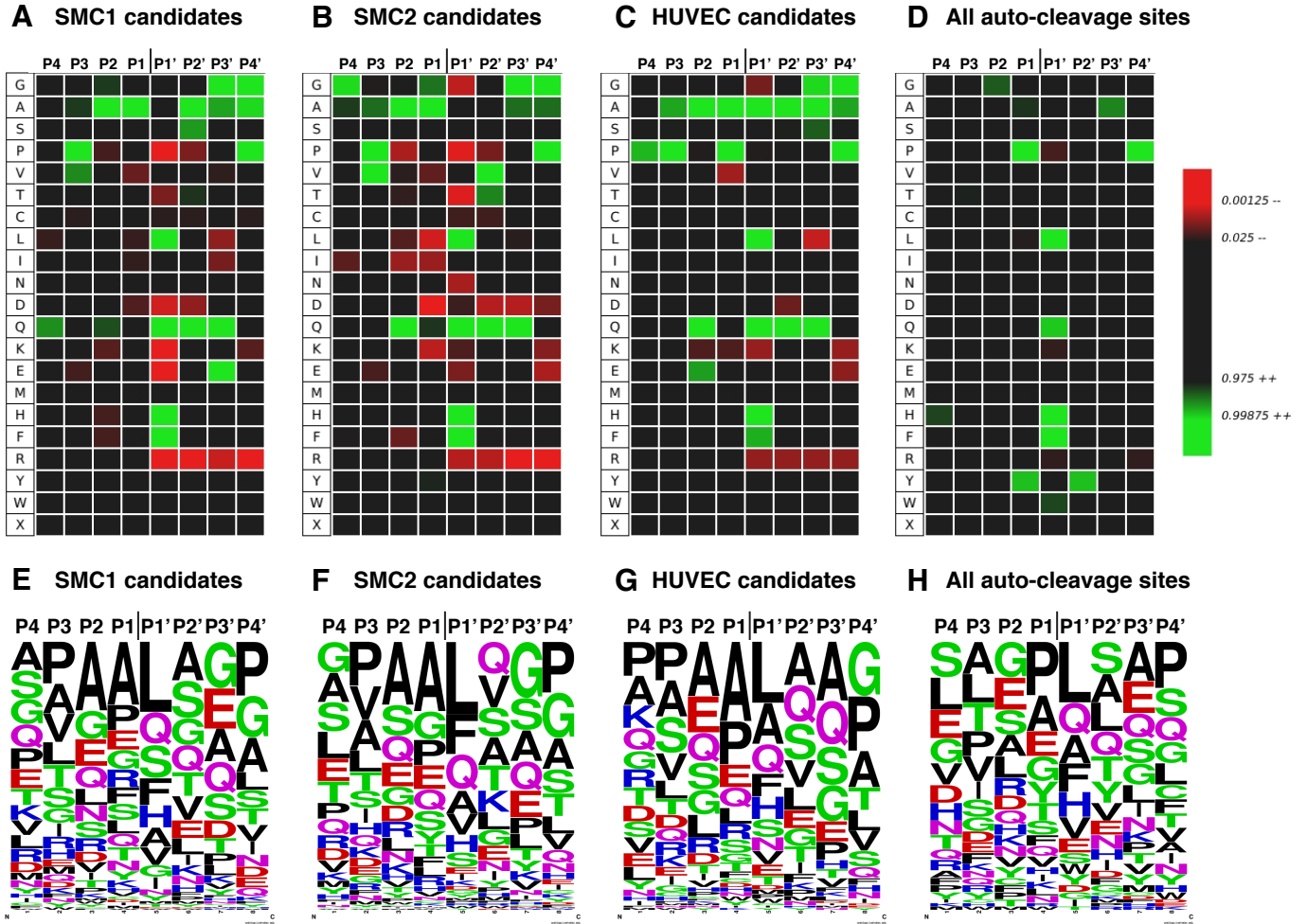


Figure S8 TAILS high confidence substrate site specificity compared with ADAMTS7 auto-cleavage sites. *A-D*, TAILS candidate substrate cleavage sites and ADAMTS7 auto-cleavage sites analyzed using iceLogo to generate heatmaps adjusted for the abundance of each amino acid in humans. *A*, SMC1 candidate heatmap ($p < 0.01$, $+FC > 1$, $n = 179$), *B*, SMC2 candidate heatmap ($p < 0.05$, $+FC > 1$, $n = 200$), *C*, HUVEC candidate heatmap ($p < 0.05$, $+FC > 1$, $n = 118$). *D*, the heat map including all unique ADAMTS7 auto-cleavage sites ($n = 75$) resembles the TAILS high confidence substrates. *G-H*, Amino acid frequency plots generated by WebLogo showing the similar distribution between experiments, however no amino acid was present more than 30% at any given position at the cleavage site.