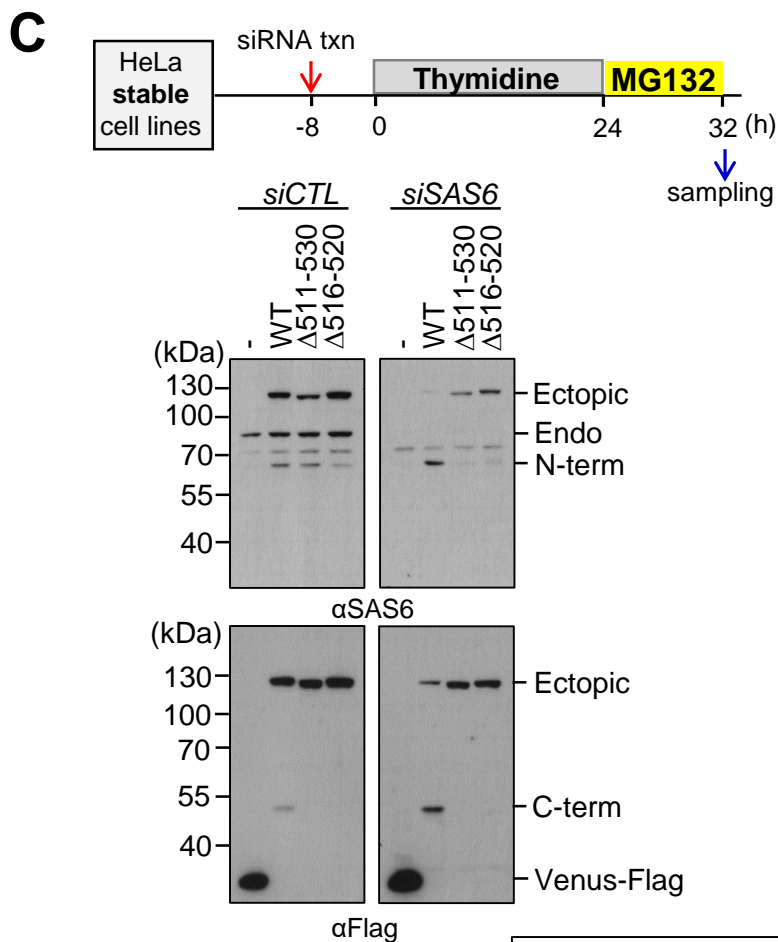
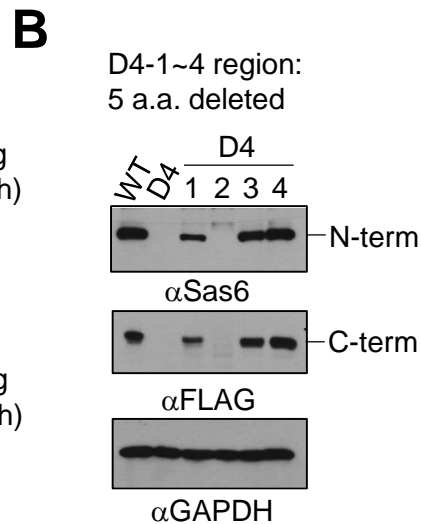
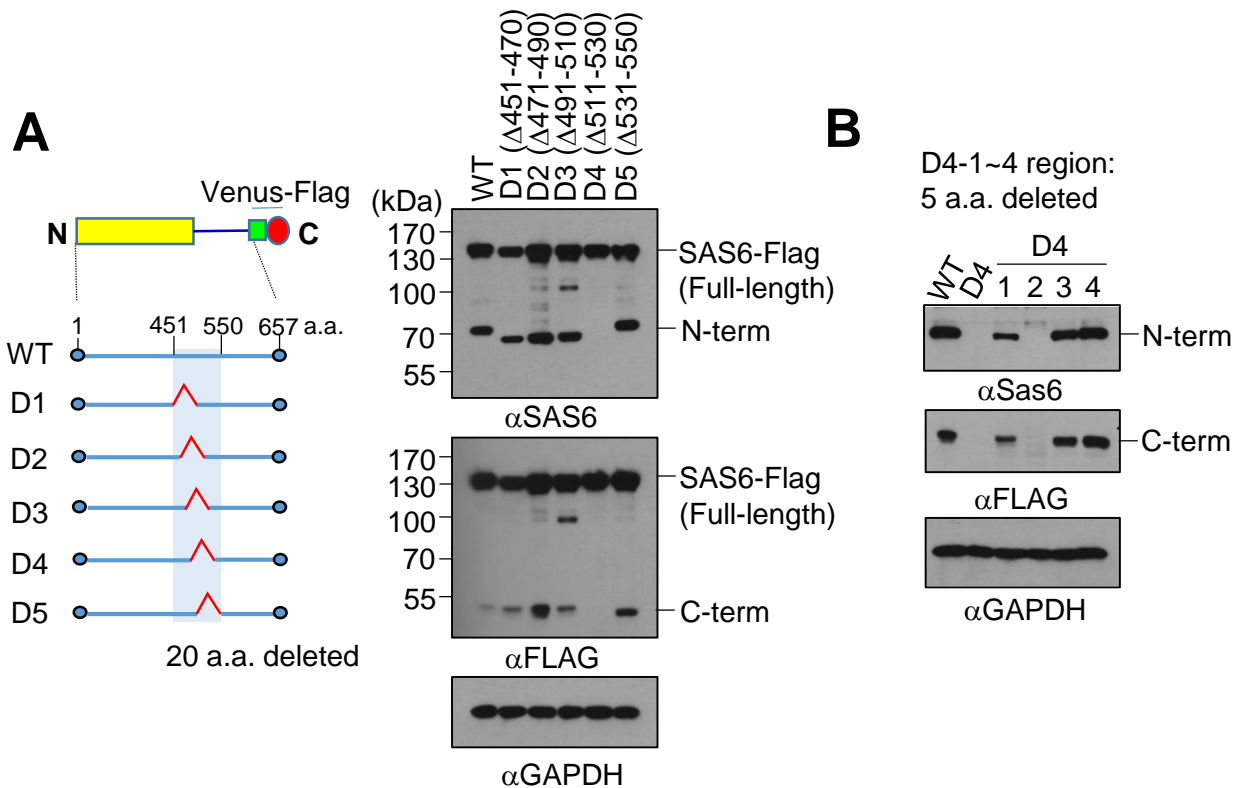
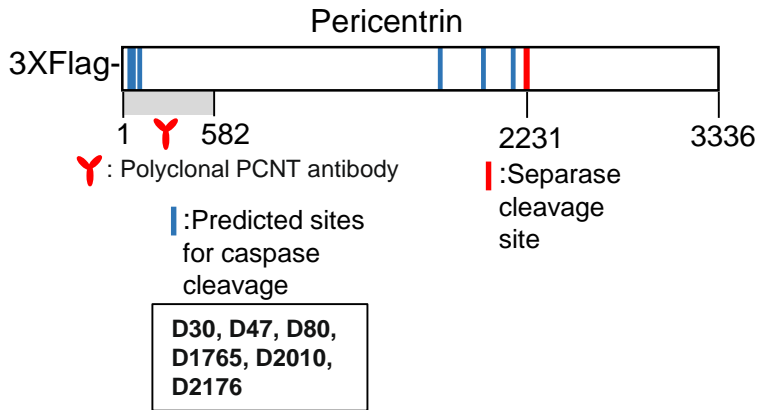
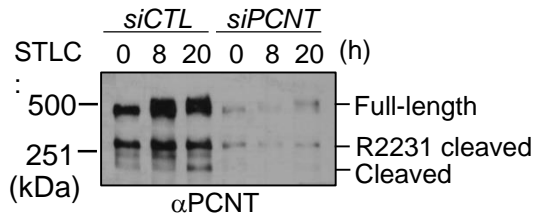


Supplementary Figure S1



Supplementary Figure S2

<i>Homo sapiens</i>	510	S	P	N	L	N	V	D	<sup>*</sup> G	R	L	T	Y	P	T	C	G	I	G	Y	P	V	S	S	A	F	A	F	Q	N	T	F	P	H	S	I	
<i>Mus musculus</i>	509	S	P	N	L	N	V	D	-	R	L	N	Y	P	S	C	G	I	G	Y	P	V	S	S	A	L	T	F	Q	N	A	F	P	H	V	V	
<i>Xenopus laevis</i>	519	Q	P	Q	F	-	-	T	I	G	N	D	P	Y	M	V	S	P	I	T	Q	P	I	G	S	A	F	V	-	S	N	F	Y	P	K	N	F
<i>Danio rerio</i>	512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	N	M	A	F	P	I	T	S	T	I	N	-	-	S	K	Y	P	L	A	L
<i>Drosophila melanogaster</i>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Caenorhabditis elegans</i>	426	T	P	S	F	K	P	V	L	G	P	H	T	-	-	-	-	P	Y	G	A	N	L	N	S	R	T	P	F	R	D	N	T	T	L	N	F

**A****B****C**