

Figure 2A

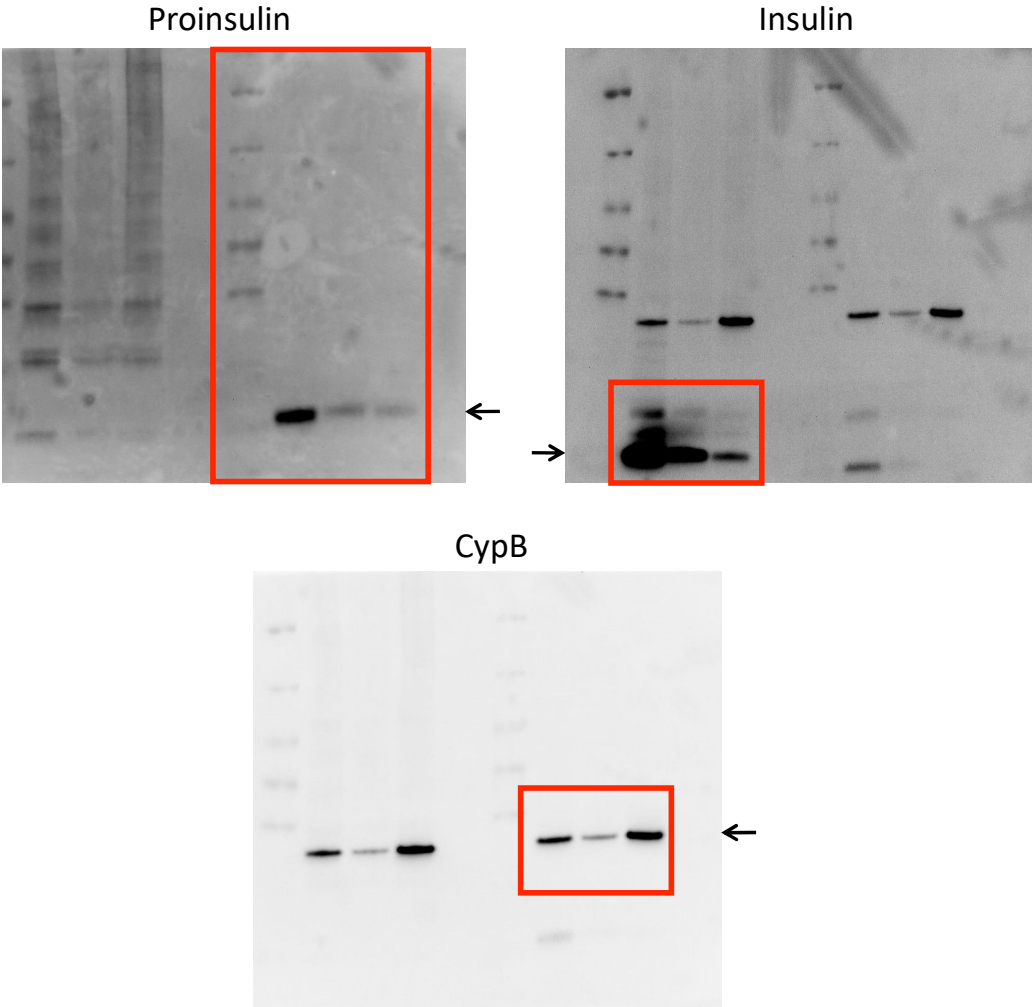


Figure 2B

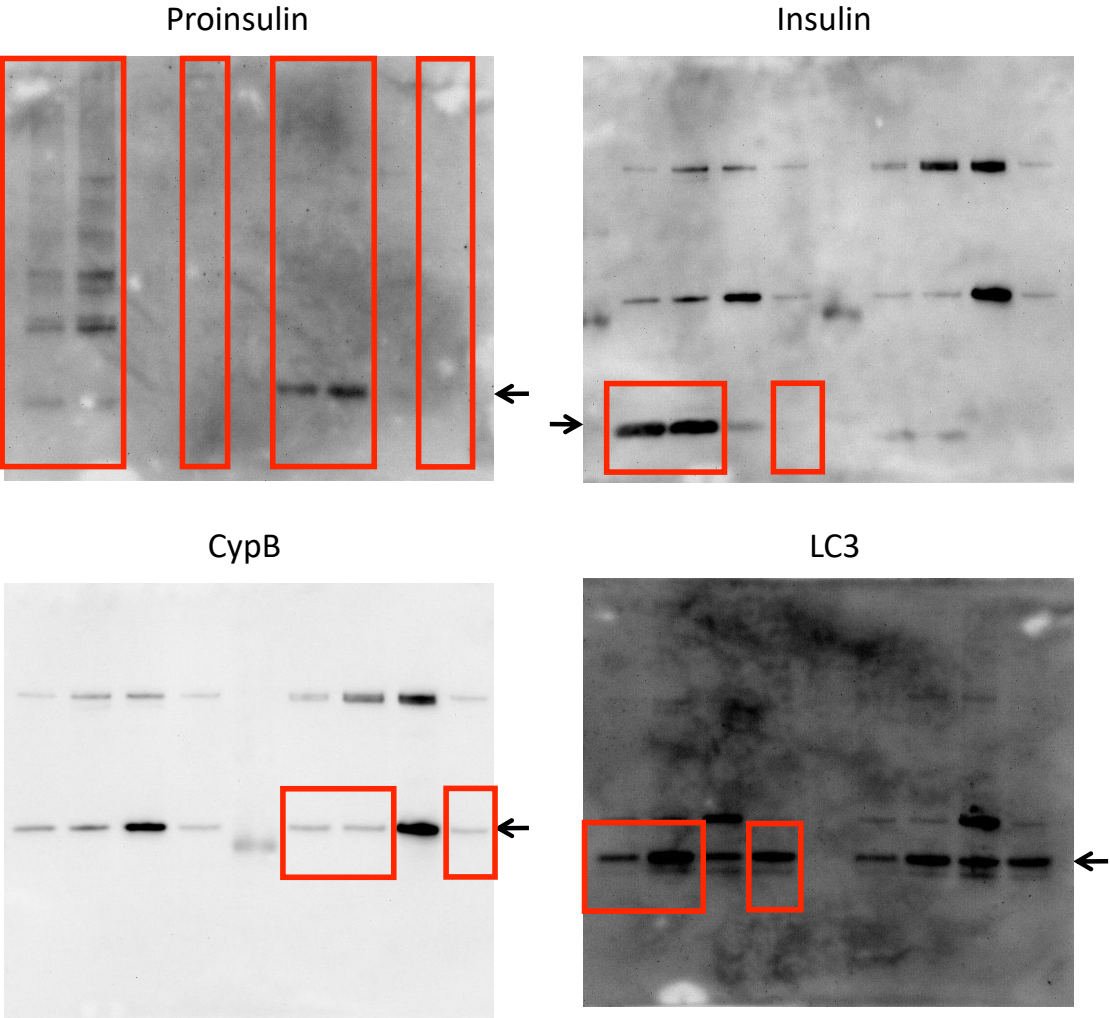


Figure 5
Upper
panel

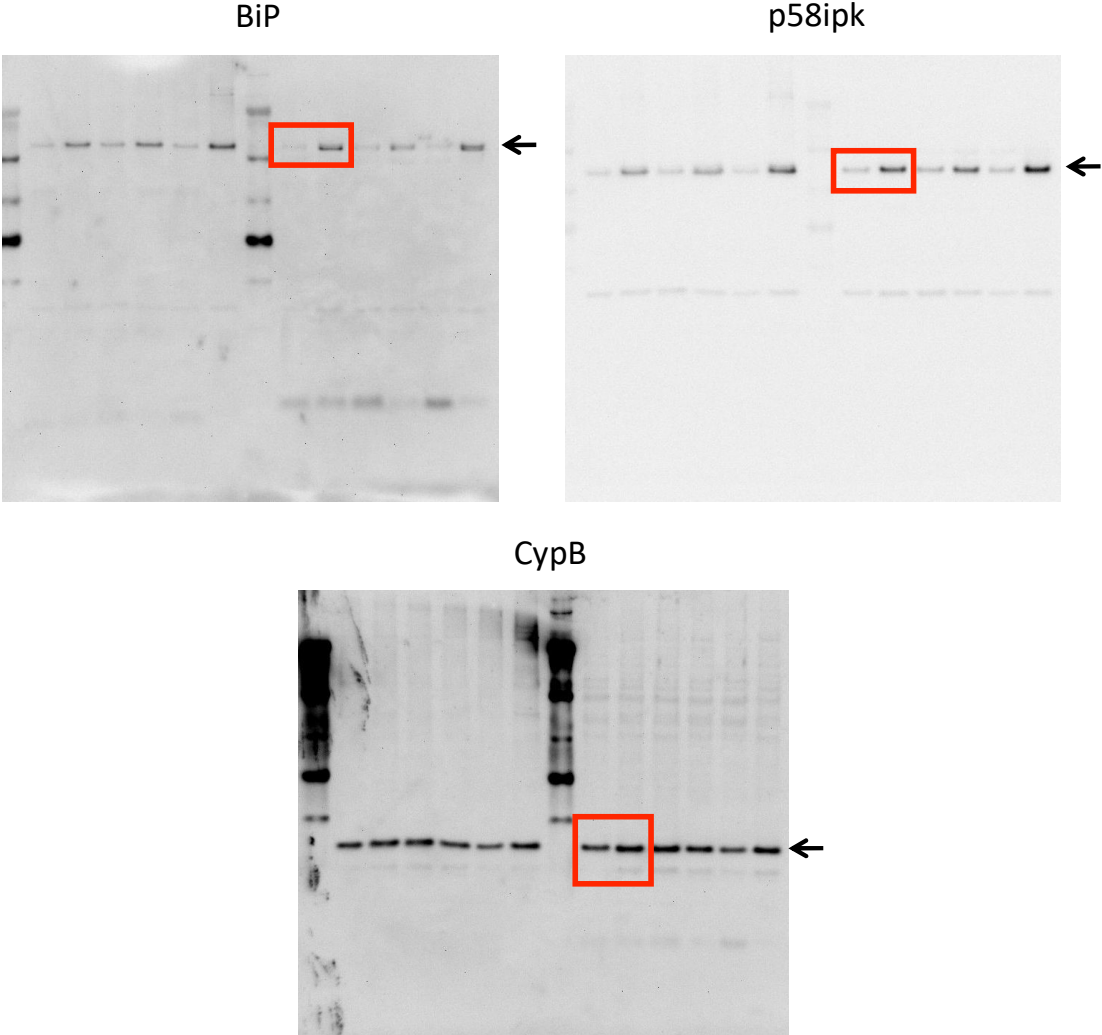
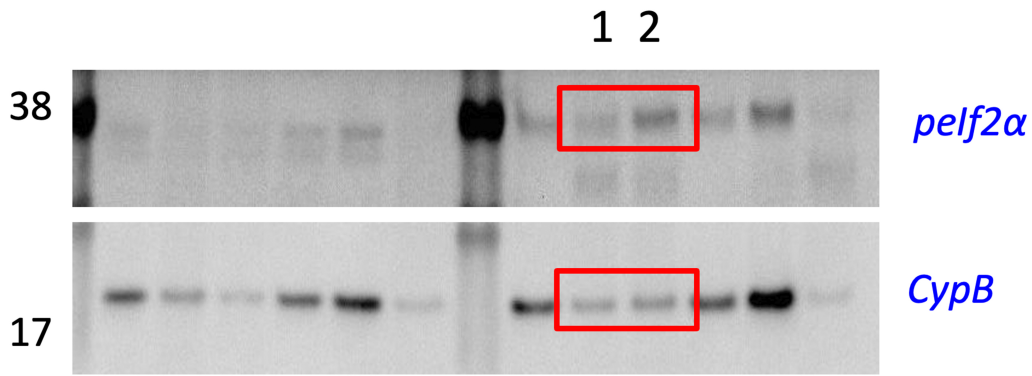
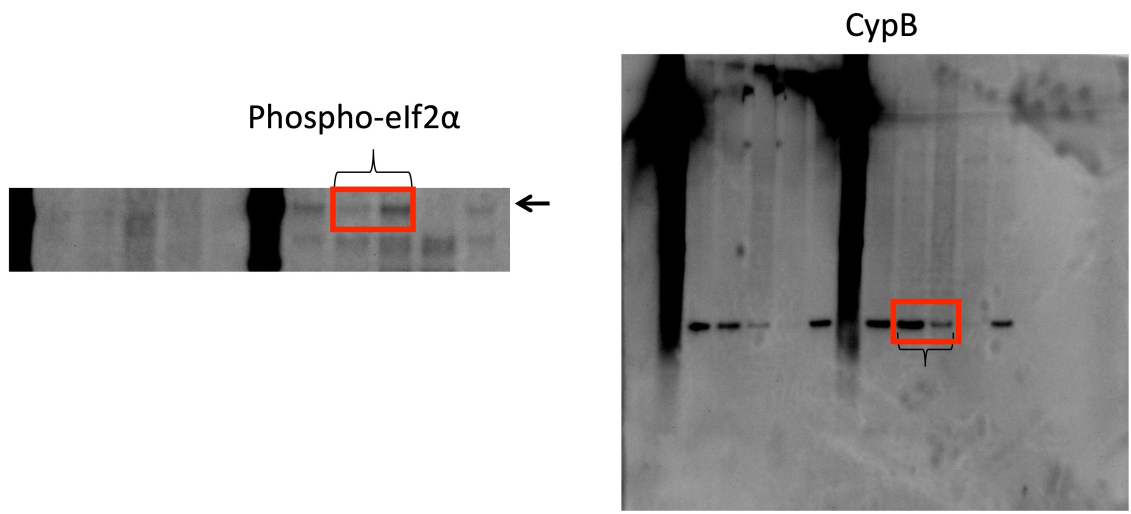


Figure 5
Lower
panel



Replicate Experiment



Third Experiment

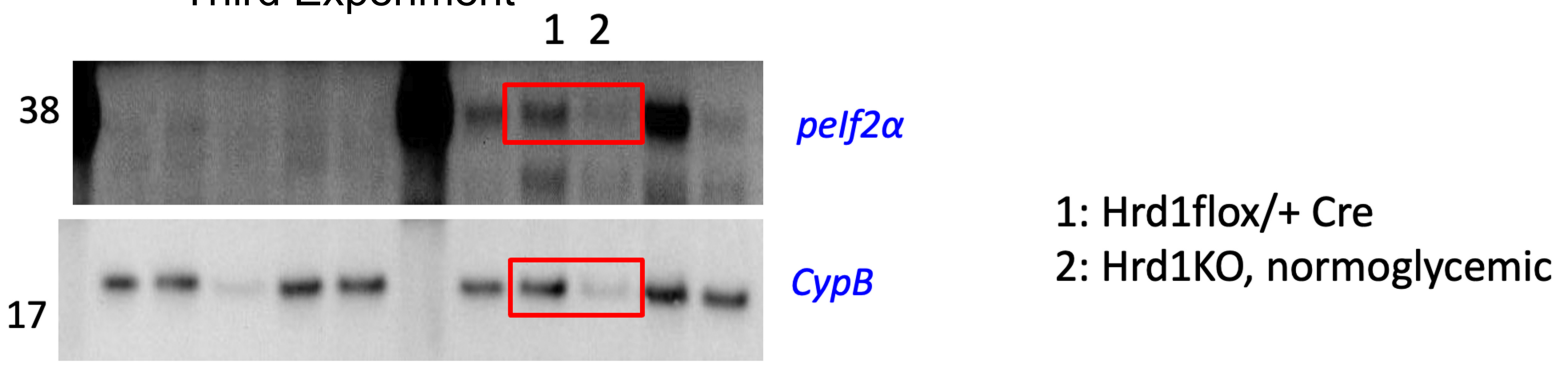
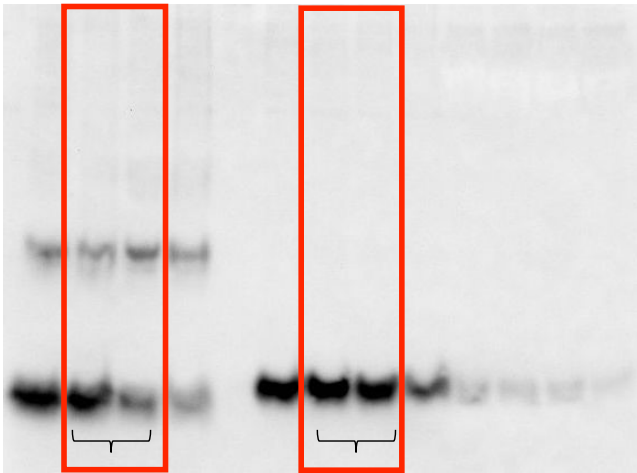
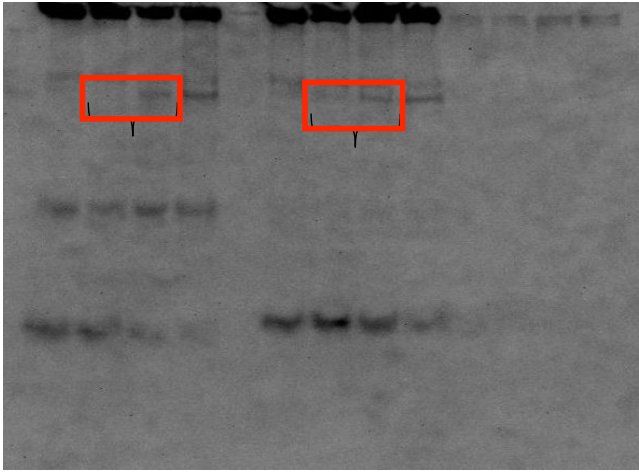


Figure 6

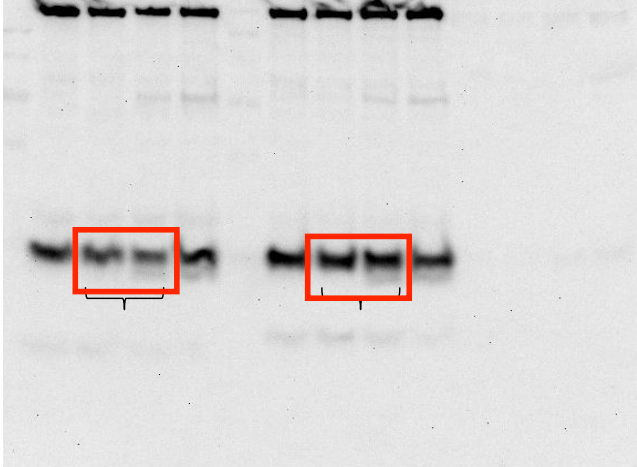
Proinsulin



pelf2 α



LC3



Hsp90

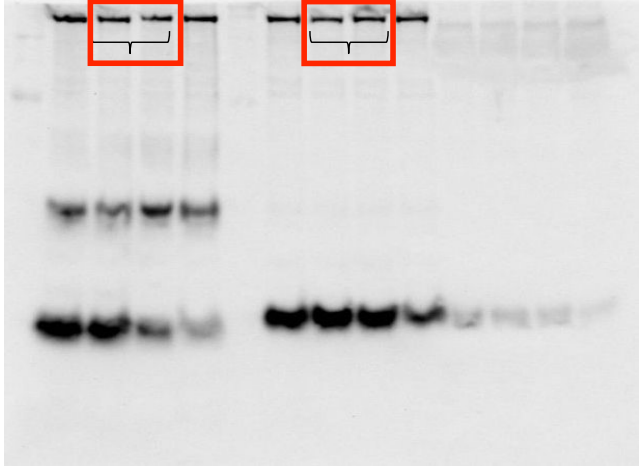


Figure 7A

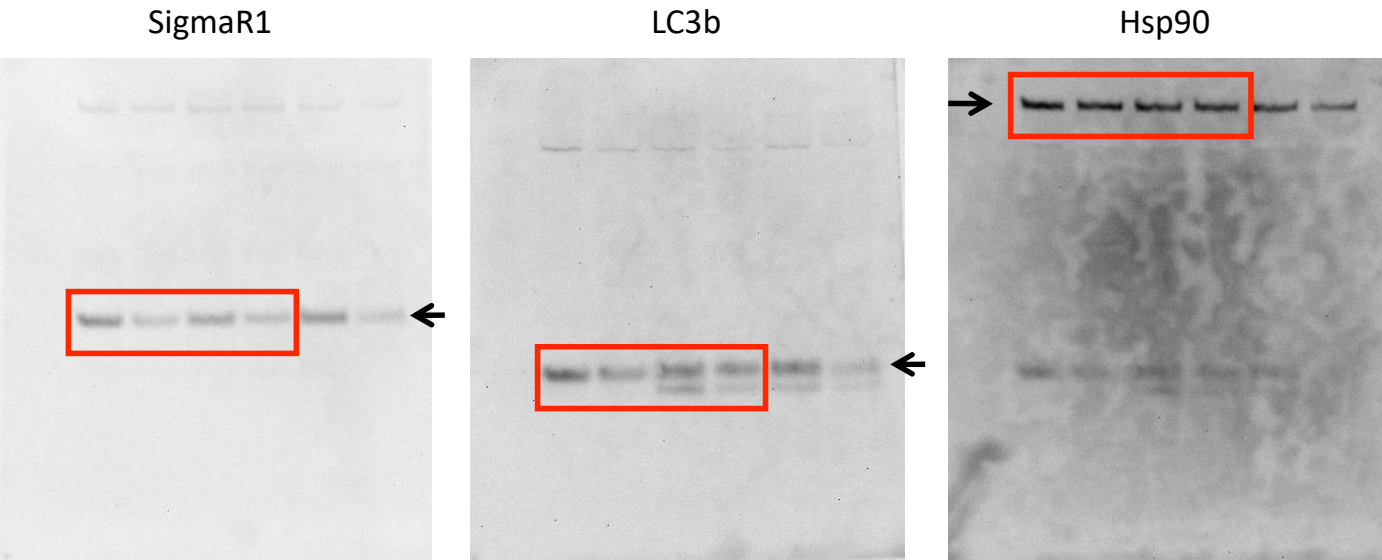


Figure S1A

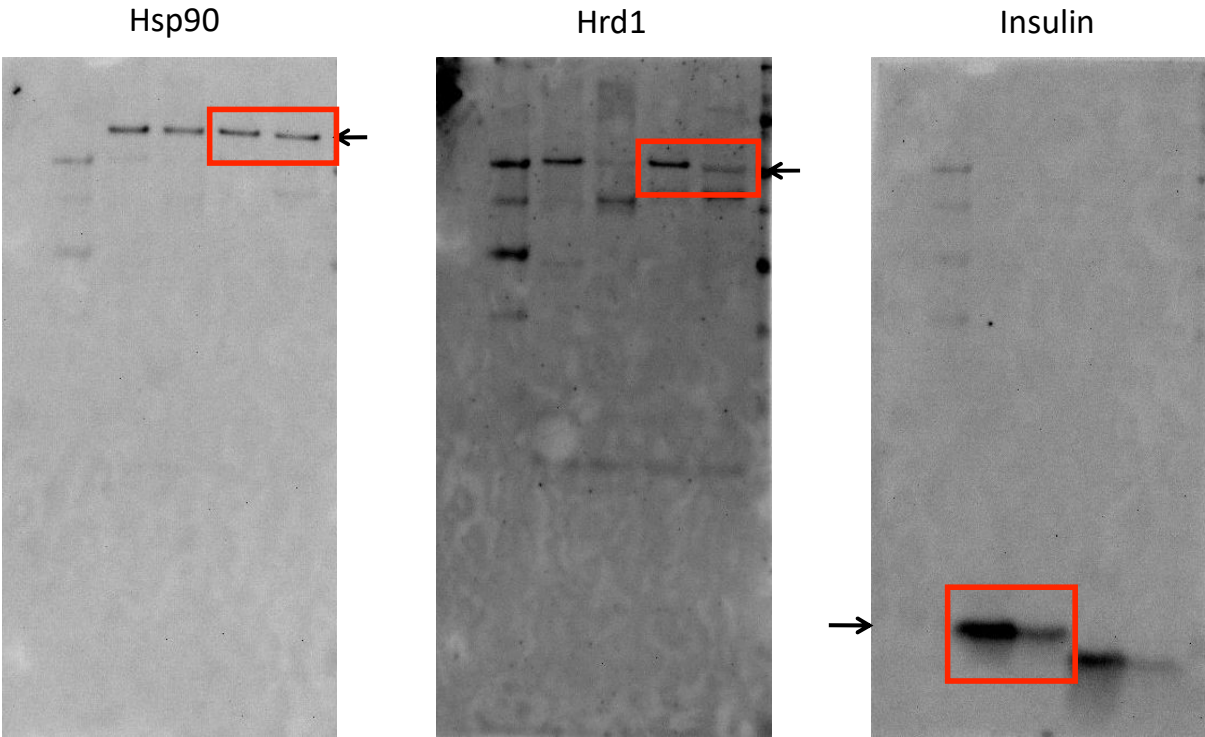


Figure S1C
Left

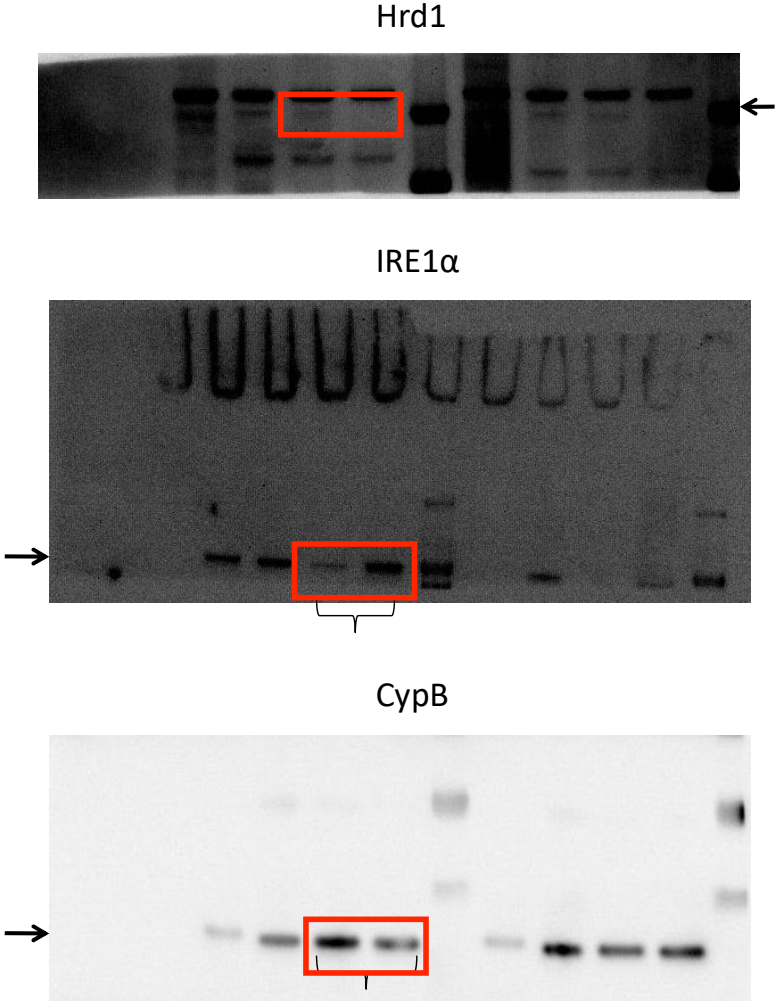


Figure S1C
Right

W#233, 233B: mouse islets from Maroon
Reducing 4-12% NuPAGE gel 02052025, 02112025

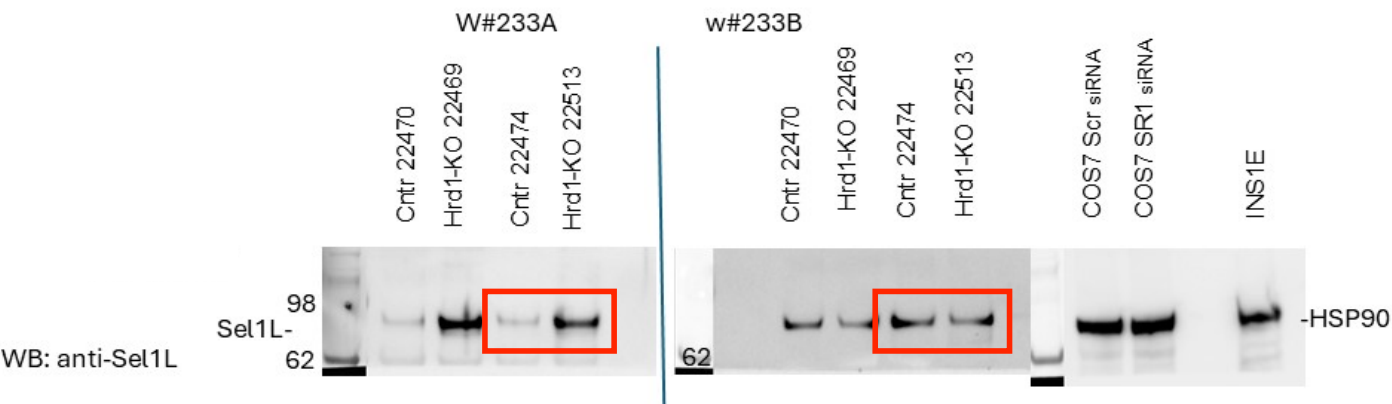


Figure S6

A

Pulse-chase analysis

mouse	Control			β -HRD1-KO			Control			β -HRD1-KO		
Cells (C) or media (M):	C	C	M	C	C	M	C	C	M	C	C	M
Chase time (h)	0	2	2	0	2	2	0	2	2	0	2	2
NR or R gel	NR	NR	NR	NR	NR	NR	R	R	R	R	R	R

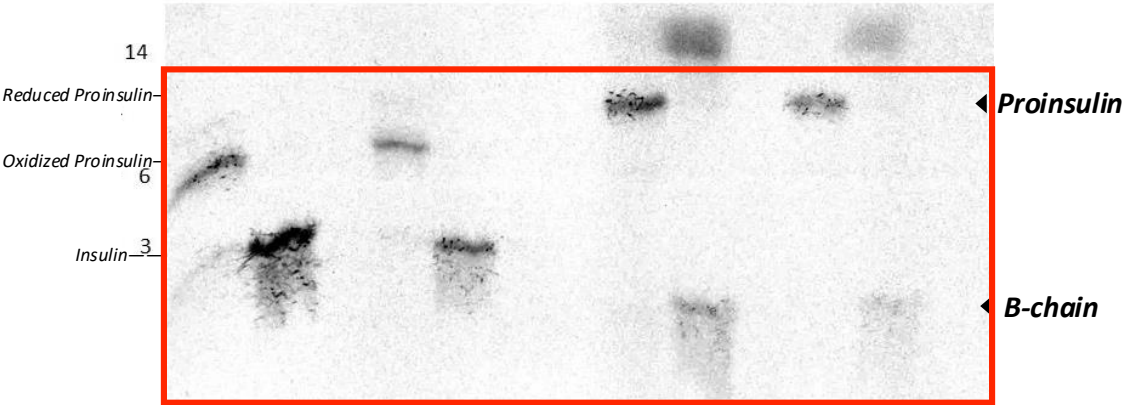


Figure S6B

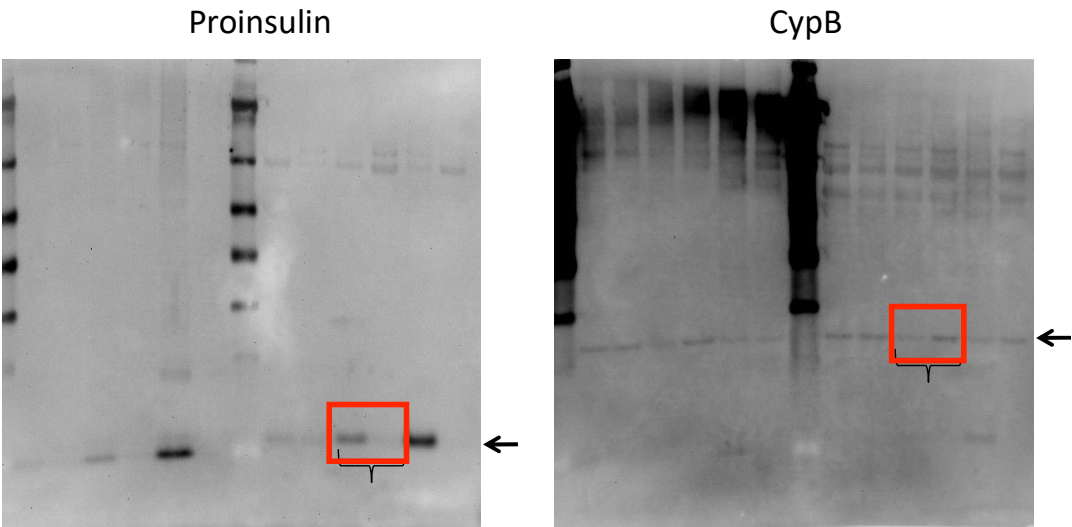


Figure S7A

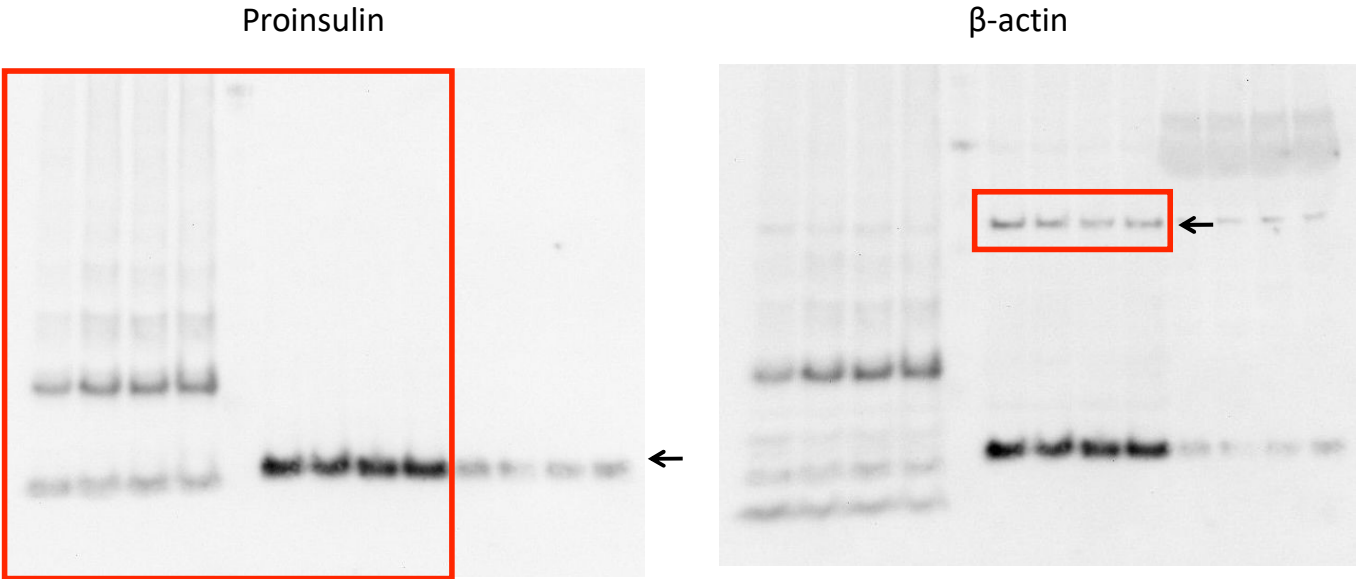


Figure S7B

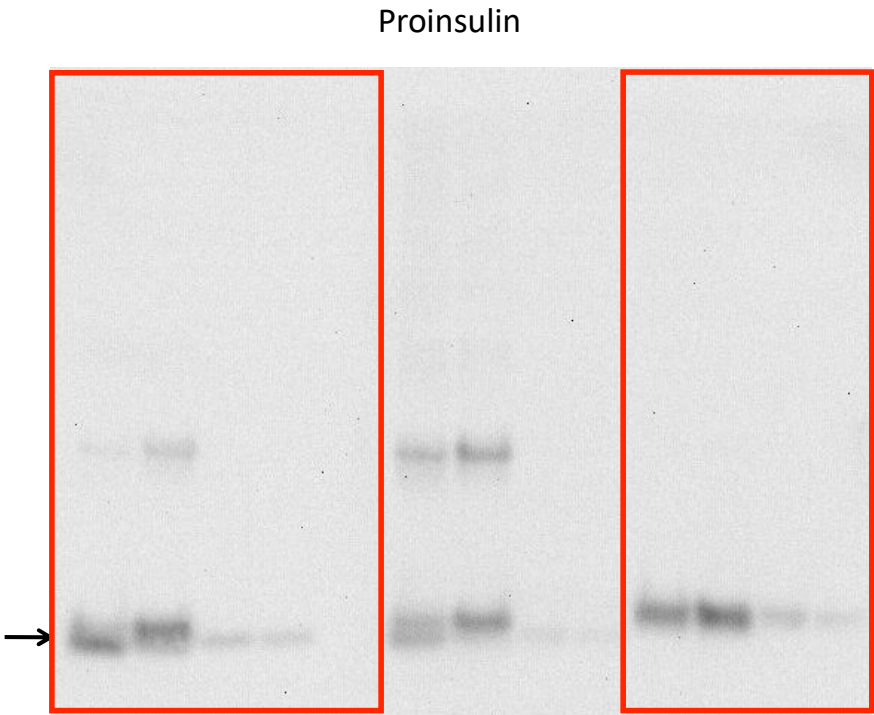


Figure S7C

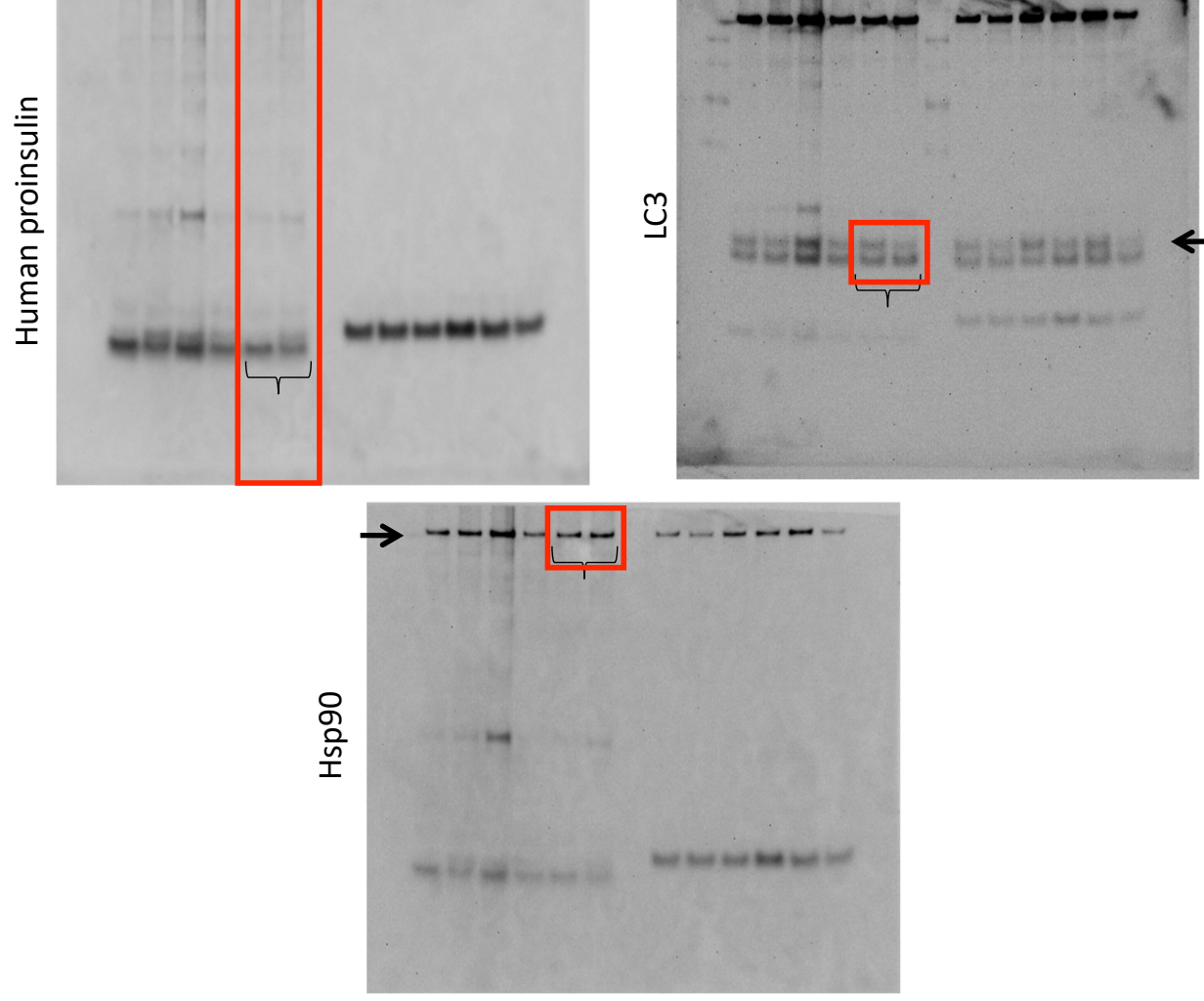


Figure S8A

Reduced Proinsulin

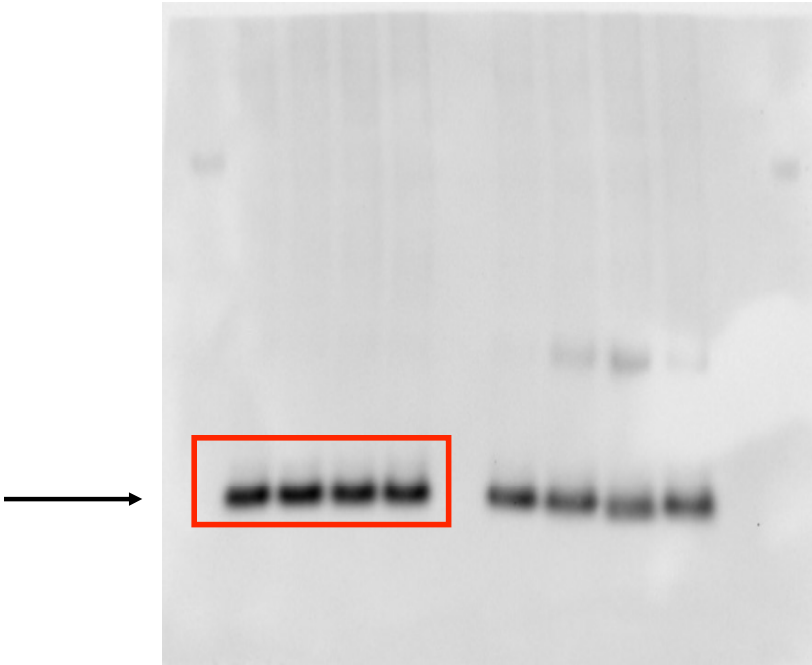


Figure S8A

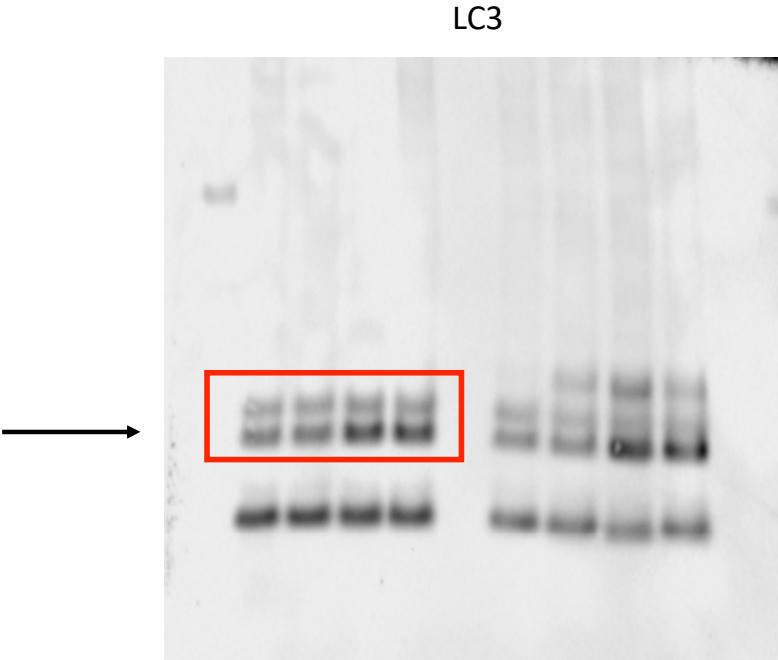


Figure S8A

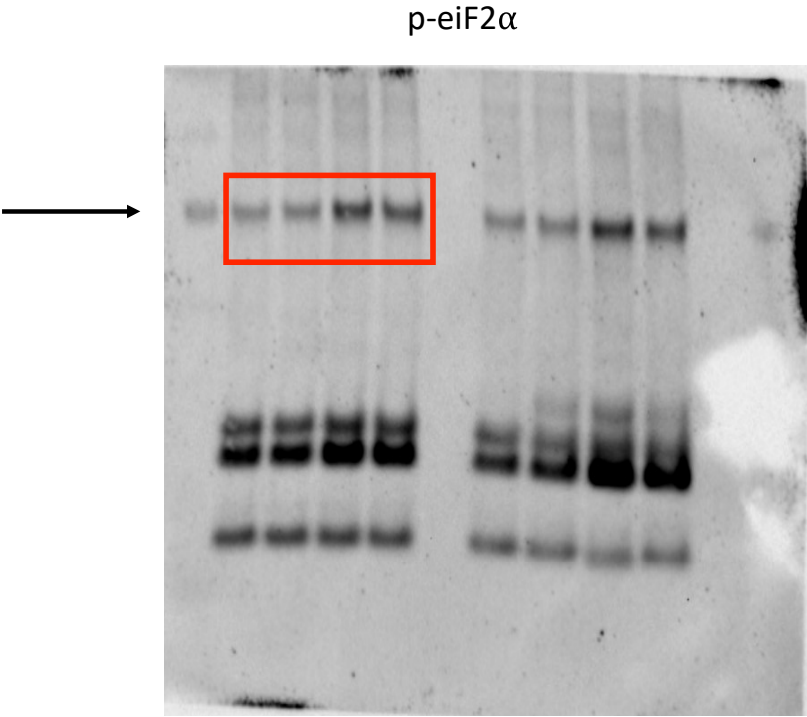


Figure S8A

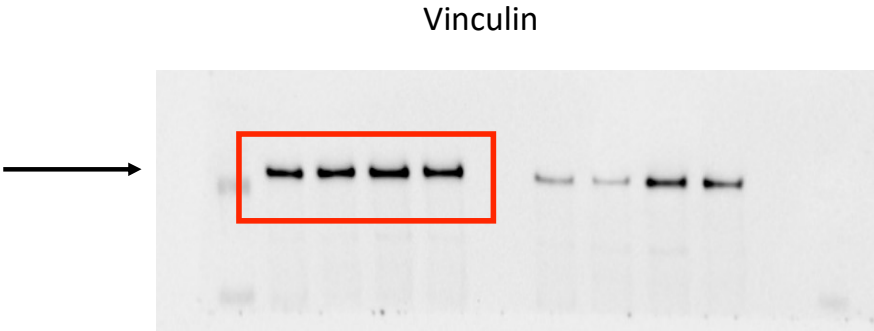


Figure S8B

Nonreduced Proinsulin

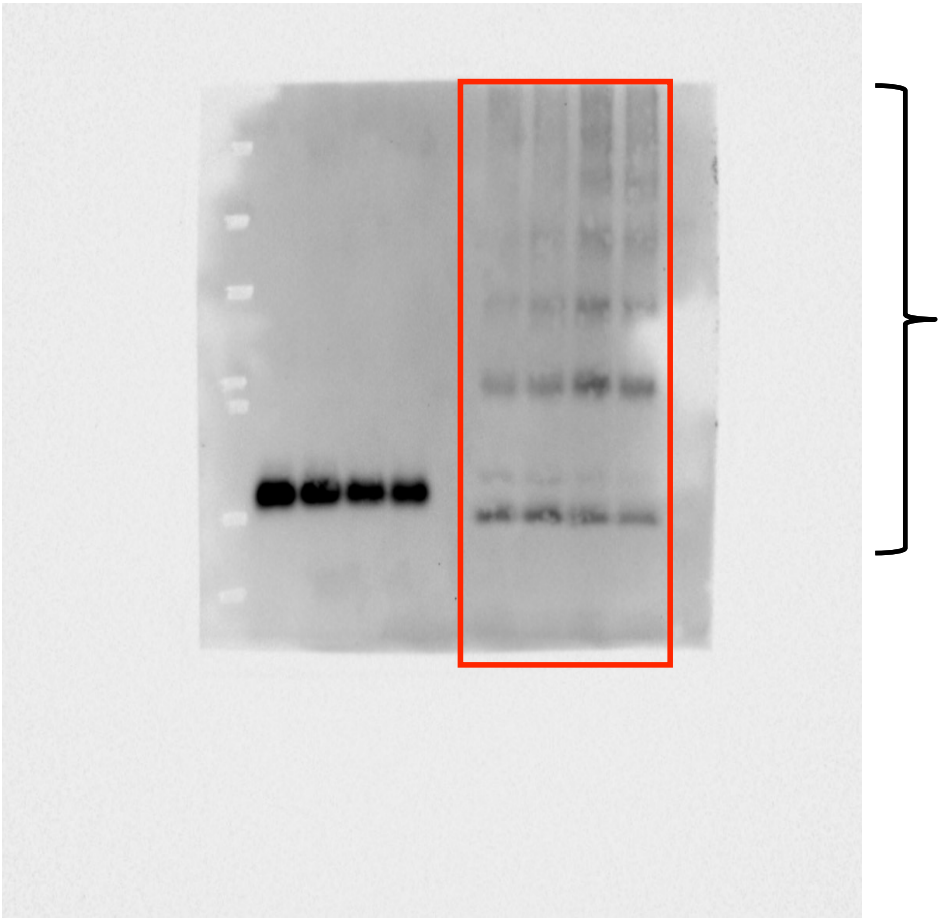


Figure S9

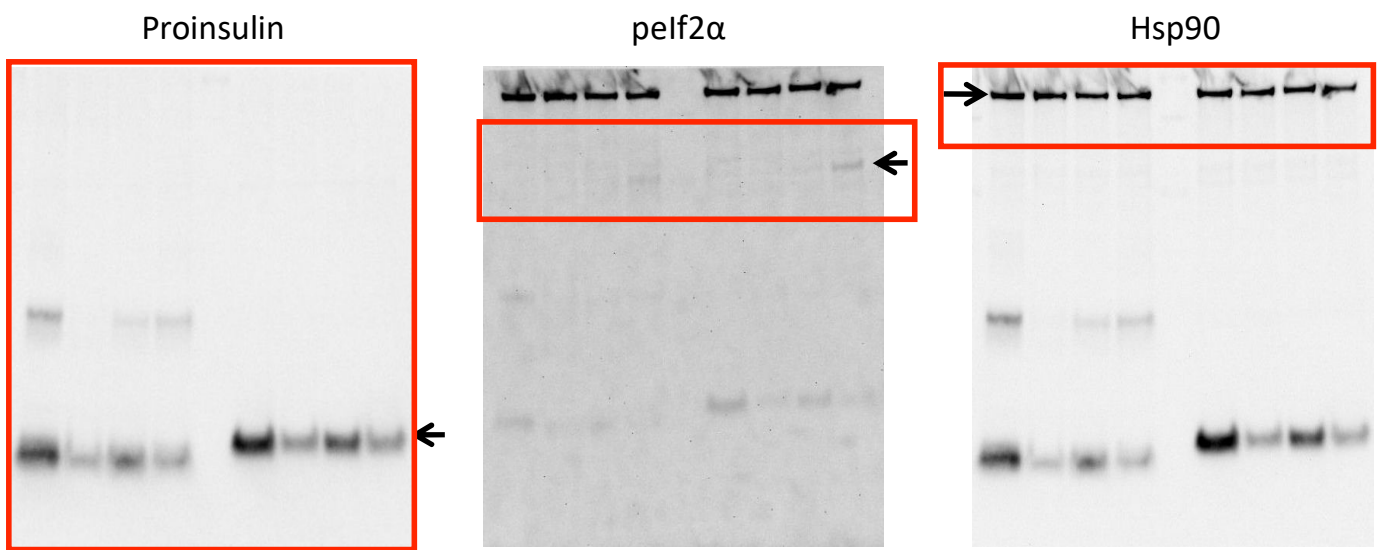


Figure S10A

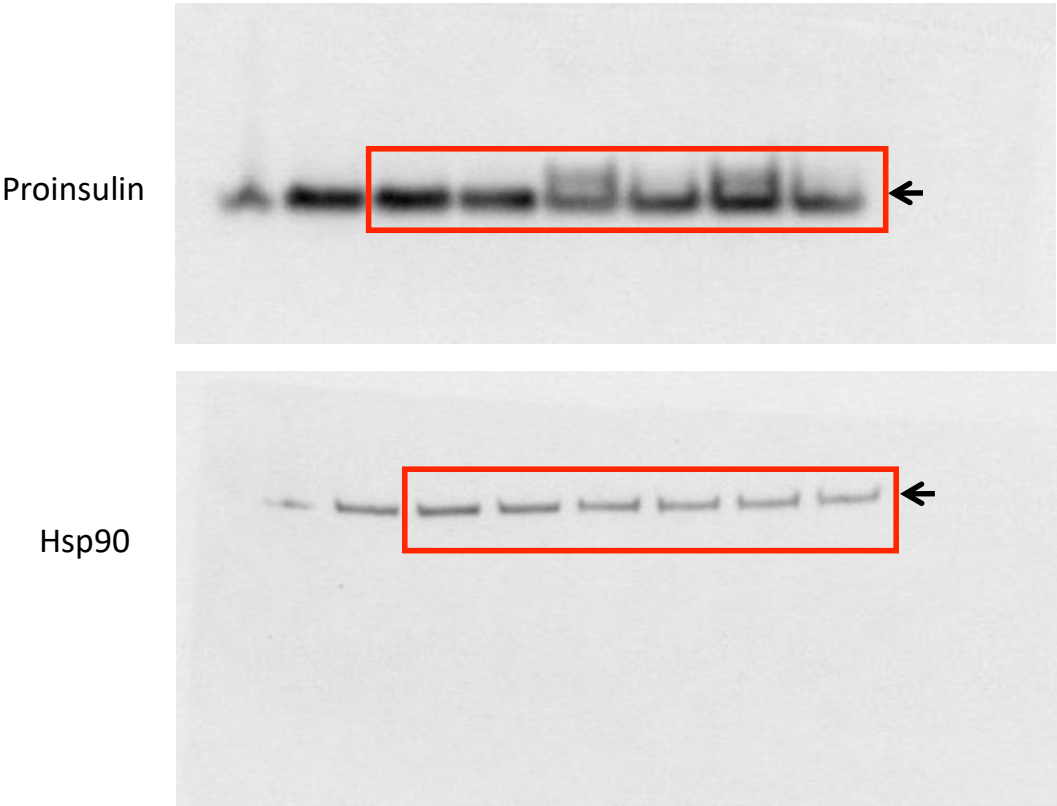


Figure S10B

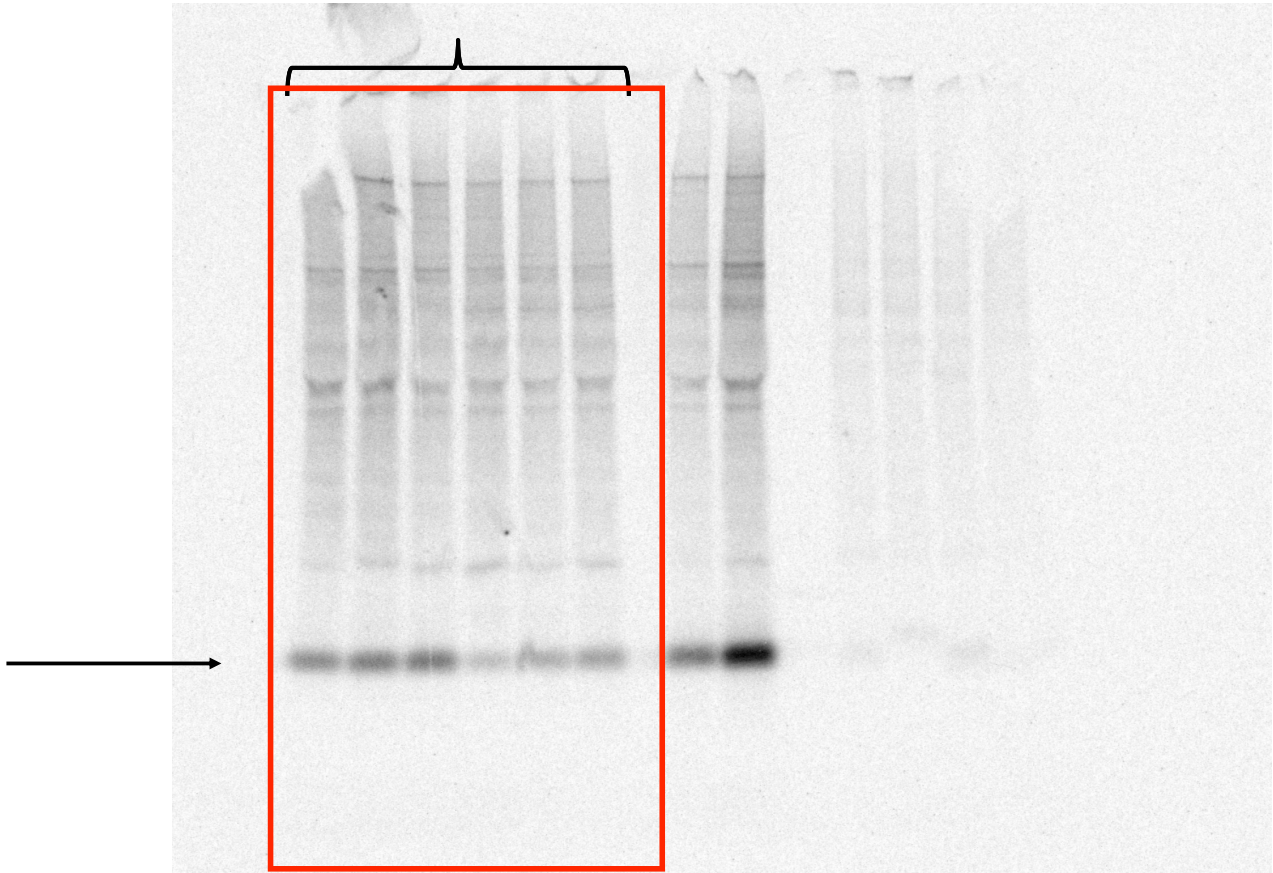


Figure S12A

Nonreduced Proinsulin

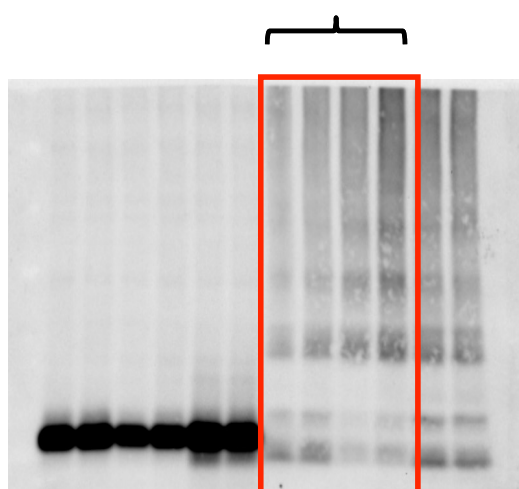


Figure S12A

Reduced Proinsulin

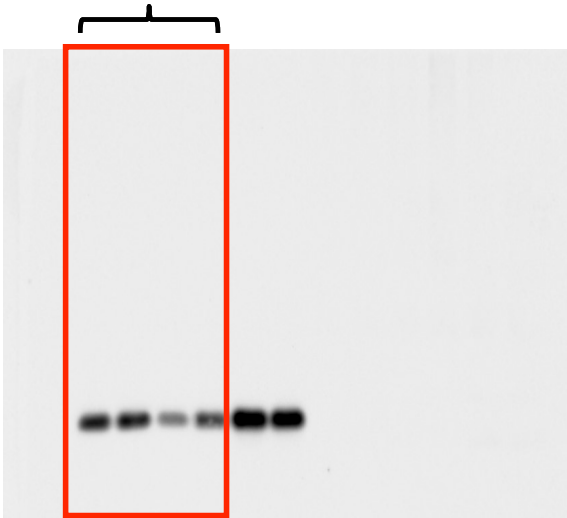


Figure S12A

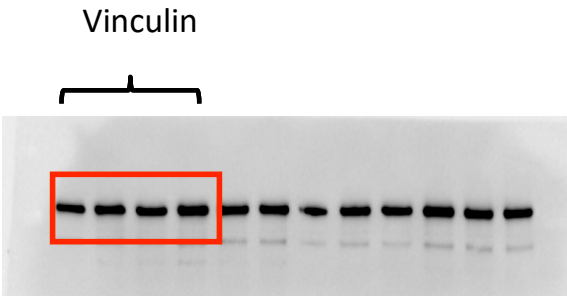


Figure S12D

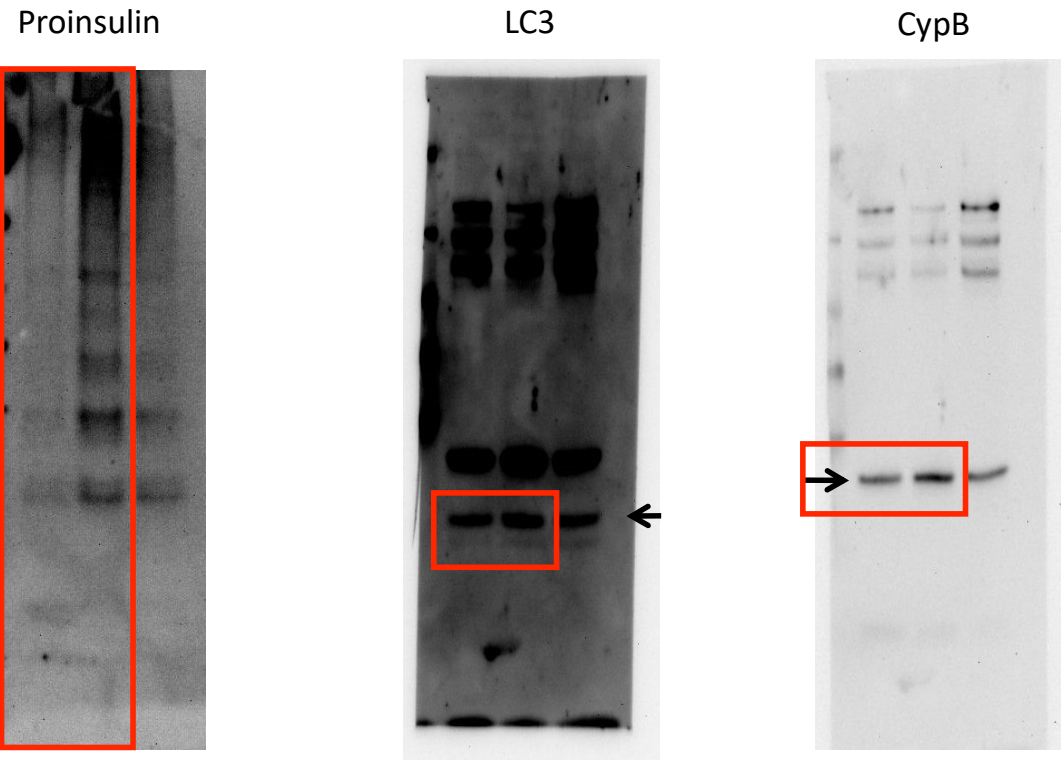


Figure S12E

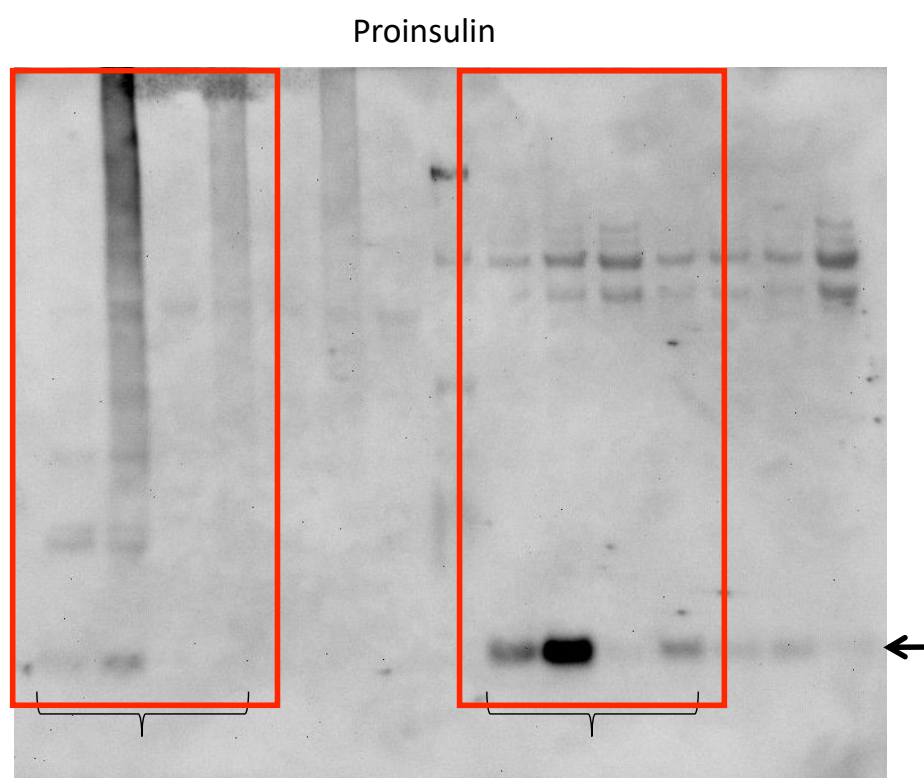


Figure S12E

