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**Supplementary information**

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# **Lipid signalling drives proteolytic rewiring of mitochondria by YME1L**

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In the format provided by the  
authors and unedited

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Figure 1e

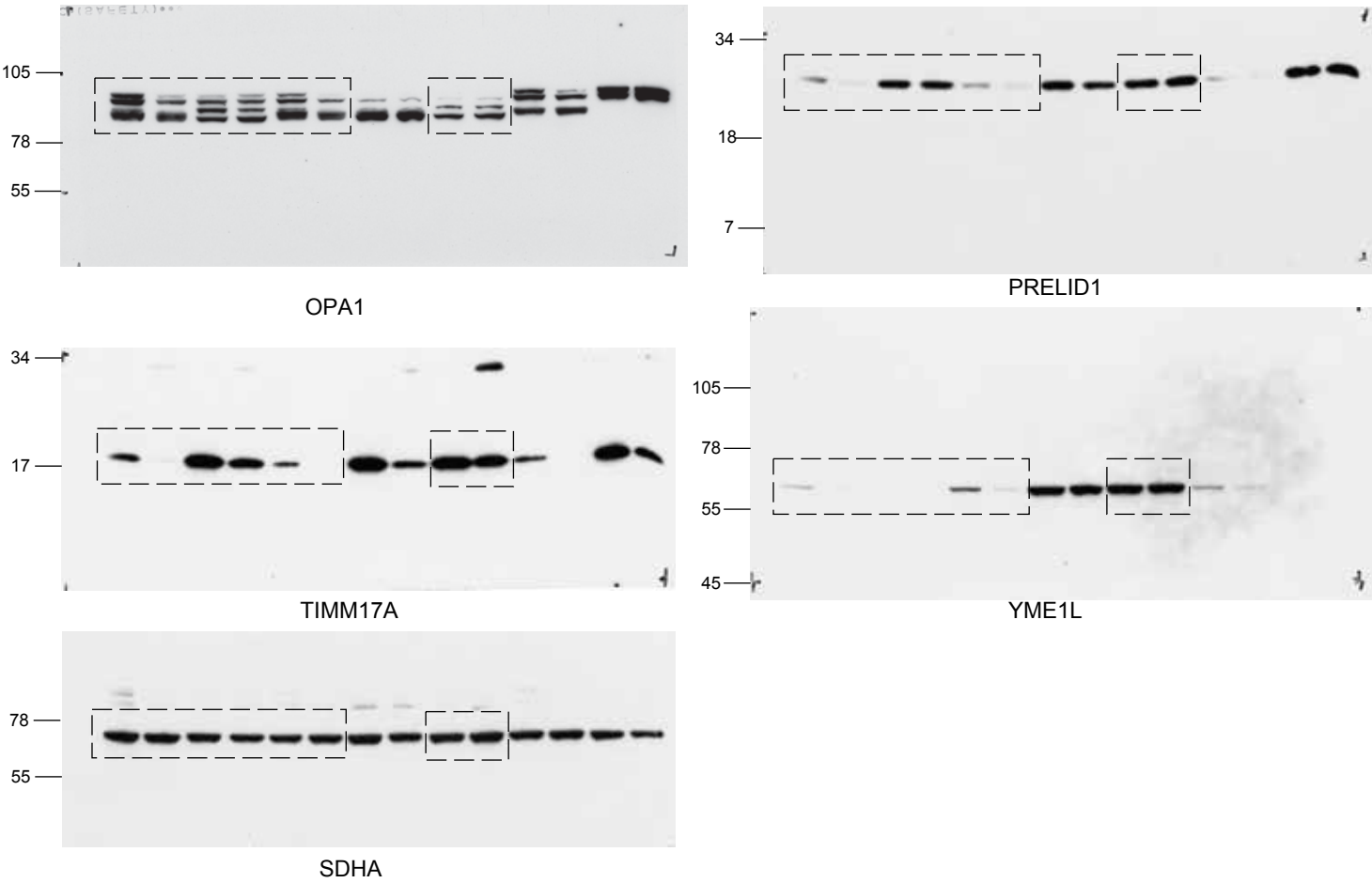


Figure 1f

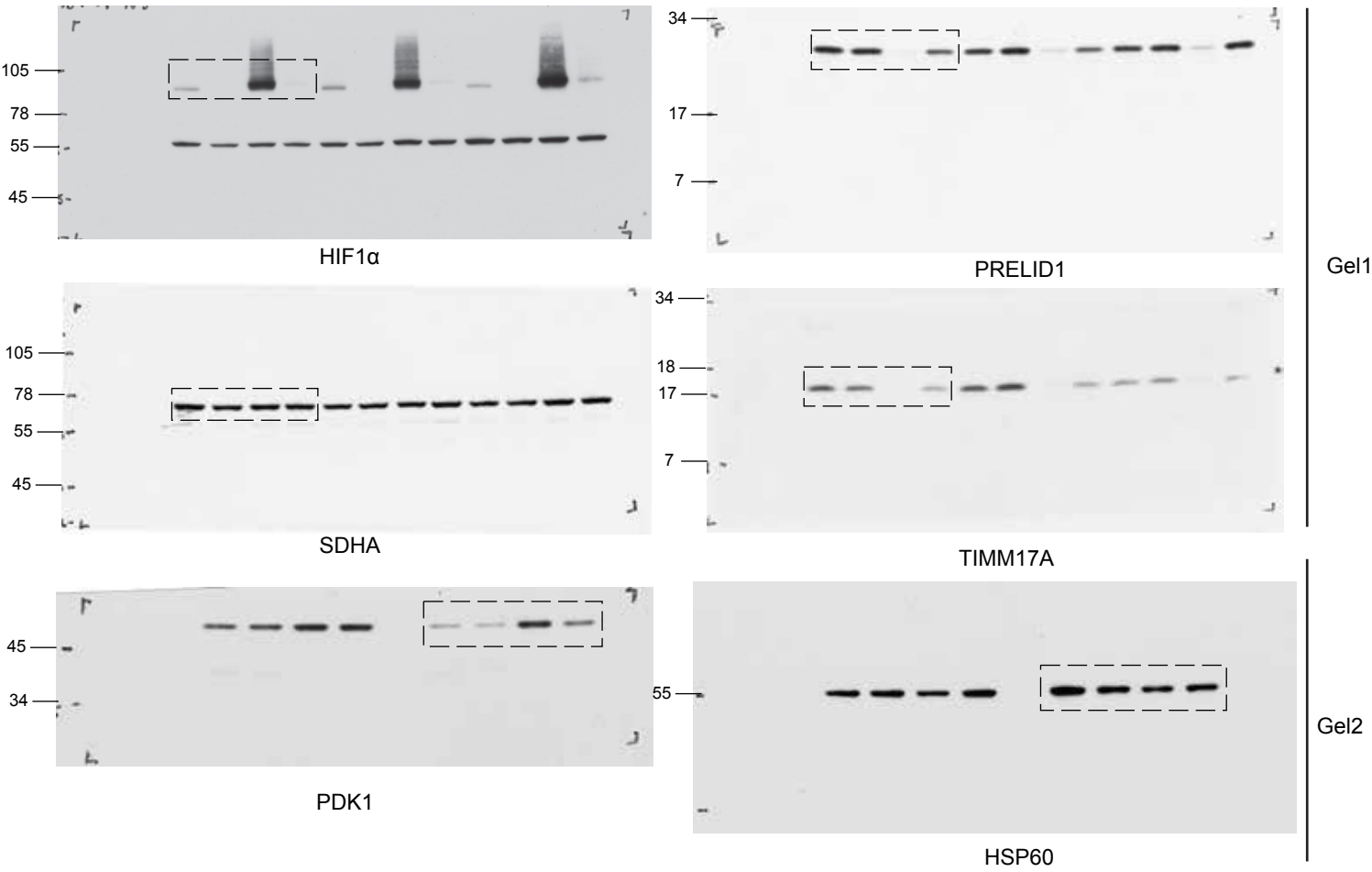


Figure 1h

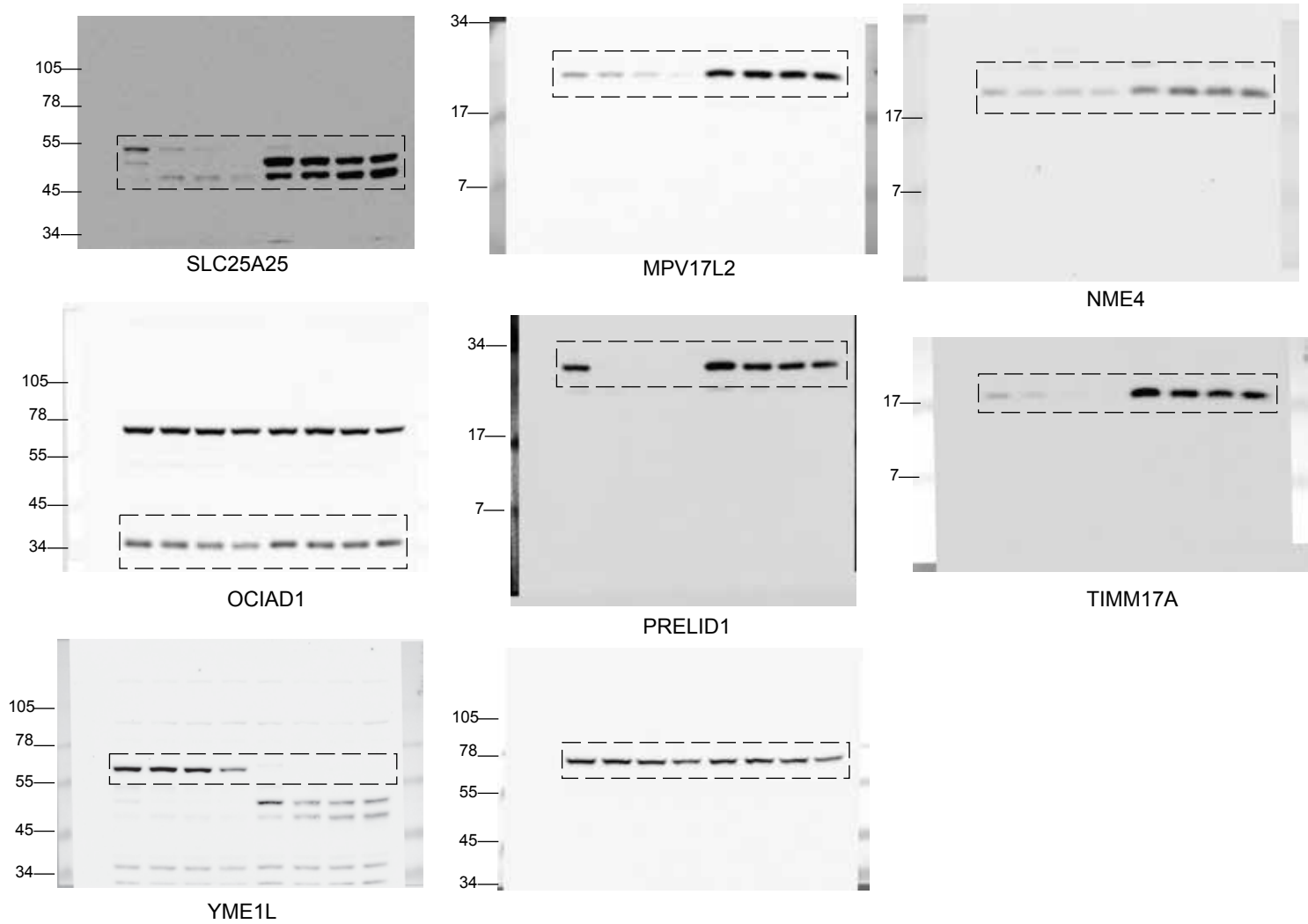


Figure 2a

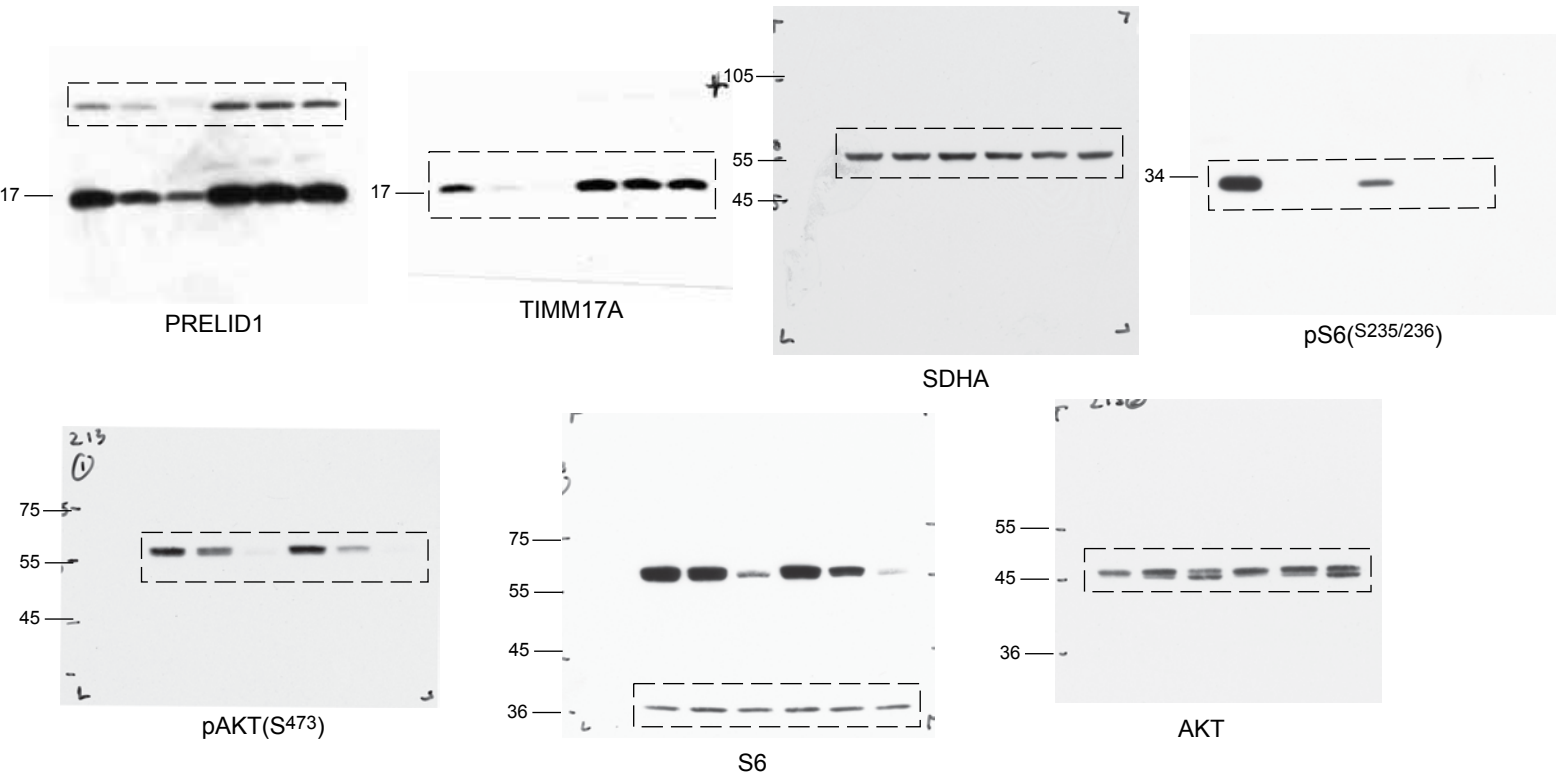


Figure 2d

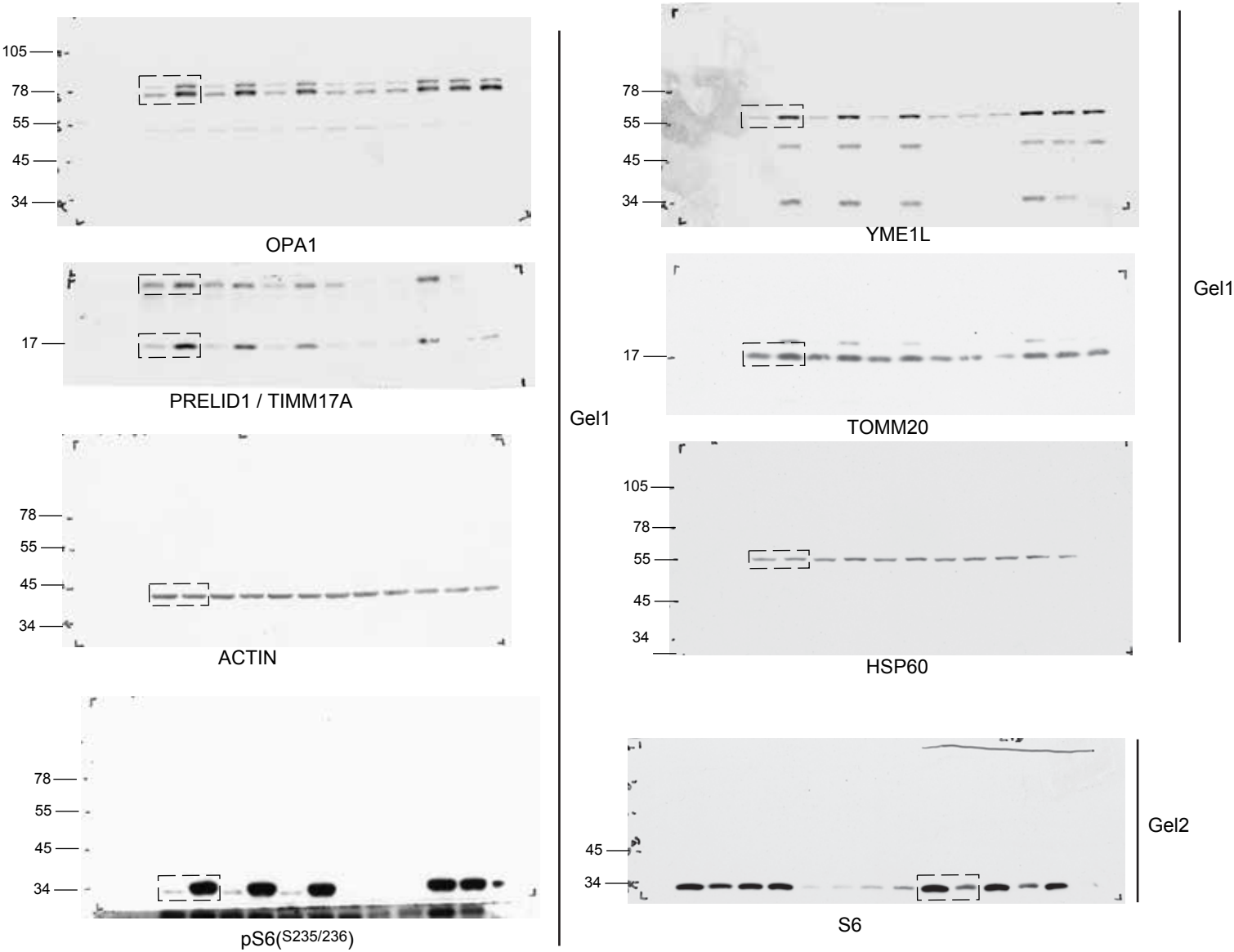
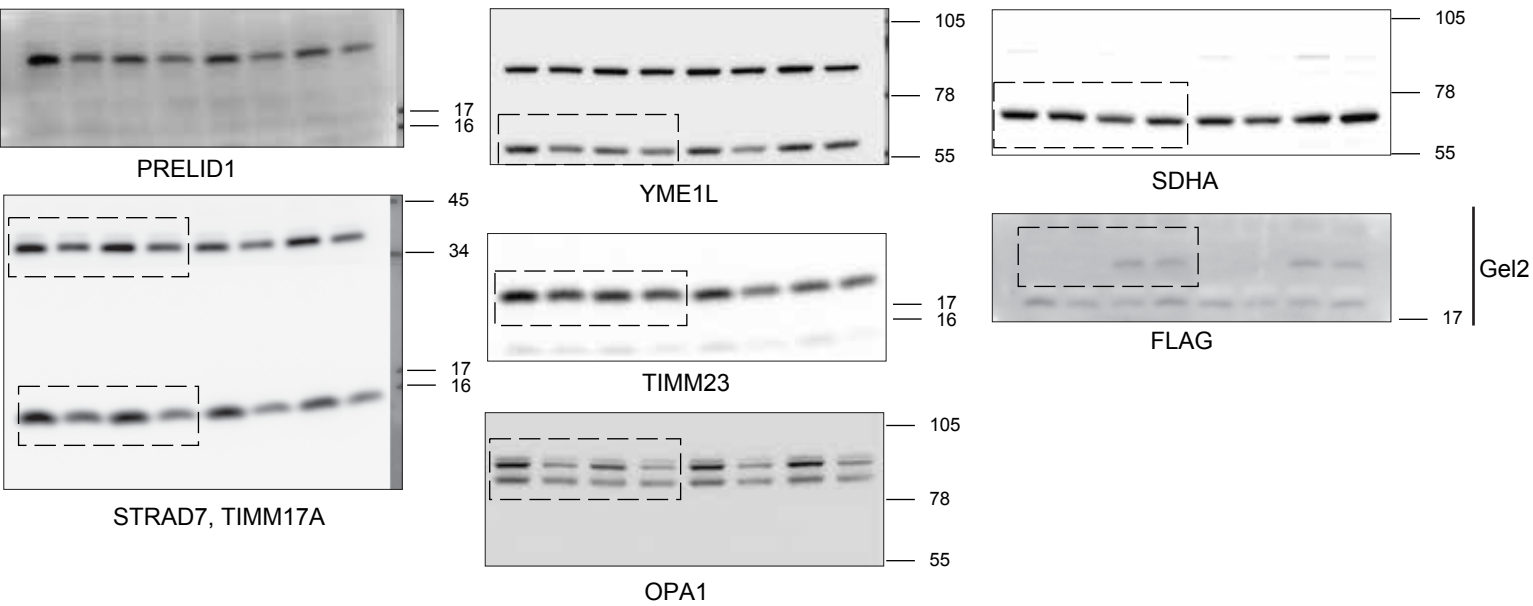
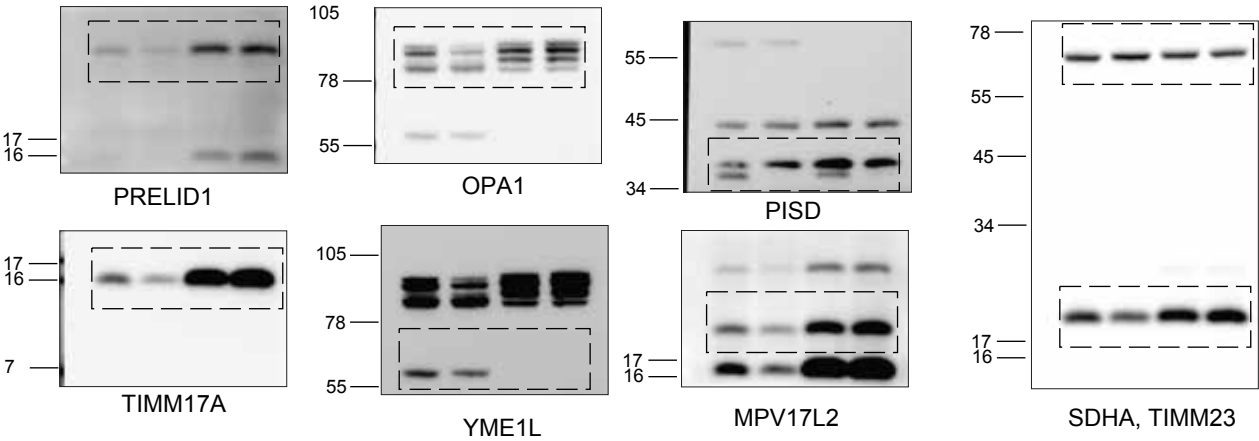


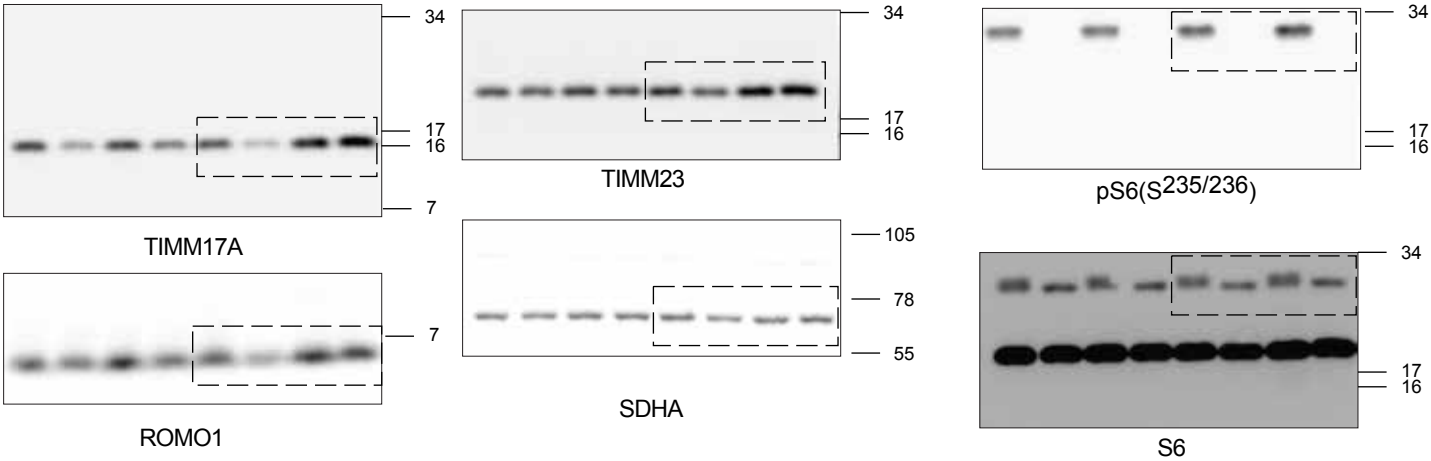
Figure 2h



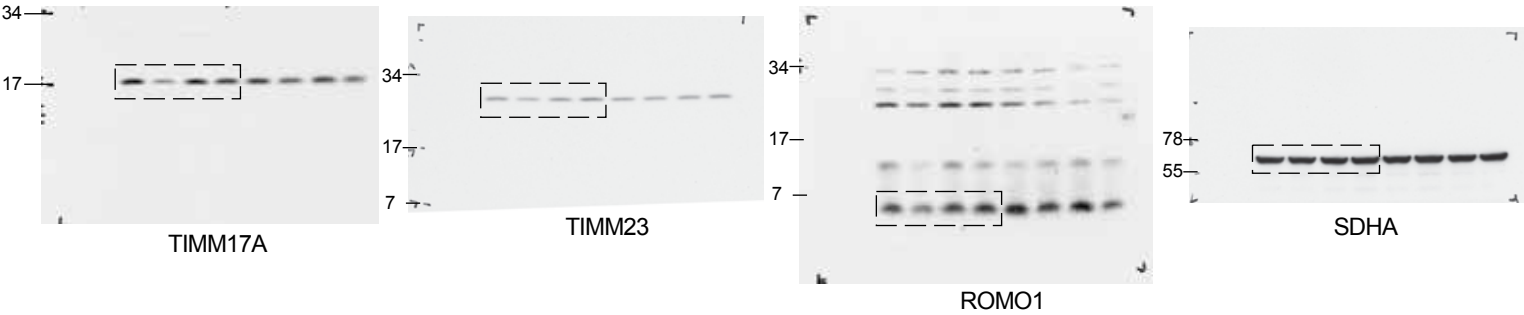
**Figure 2i**



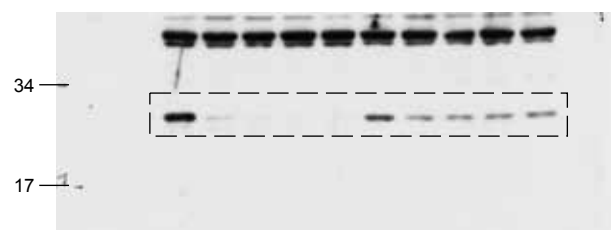
**Figure 3a**



**Figure 3b**



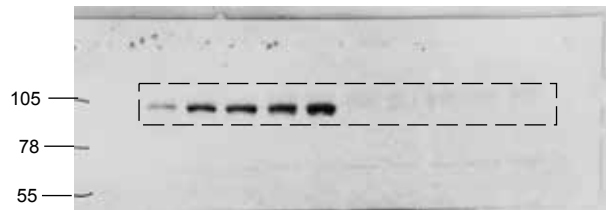
**Figure 3f**



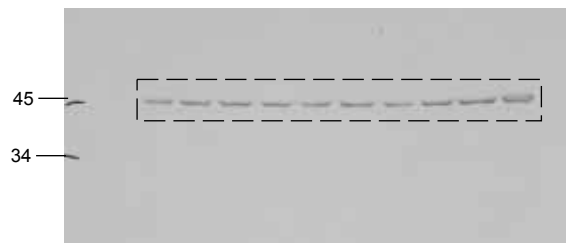
PRELID1



SDHA

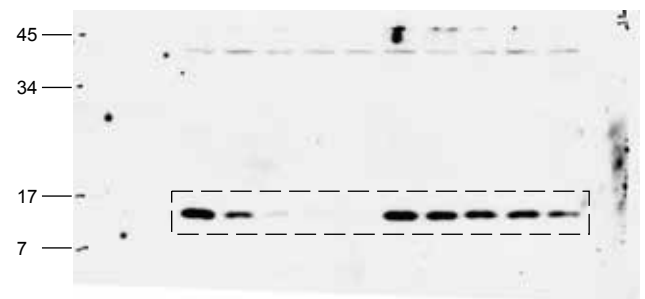


LIPIN1

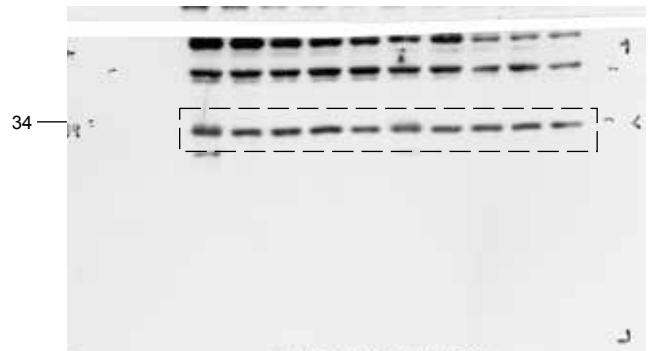


ACTIN

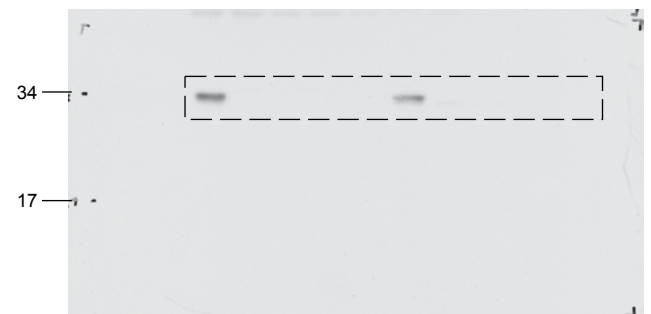
Gel2



TIMM17A



S6

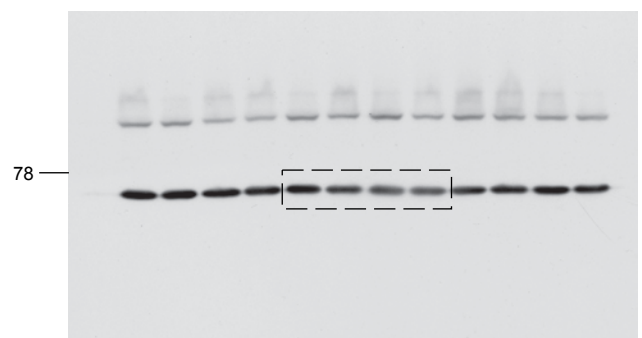


pS6(S235/236)

**Figure 3j**

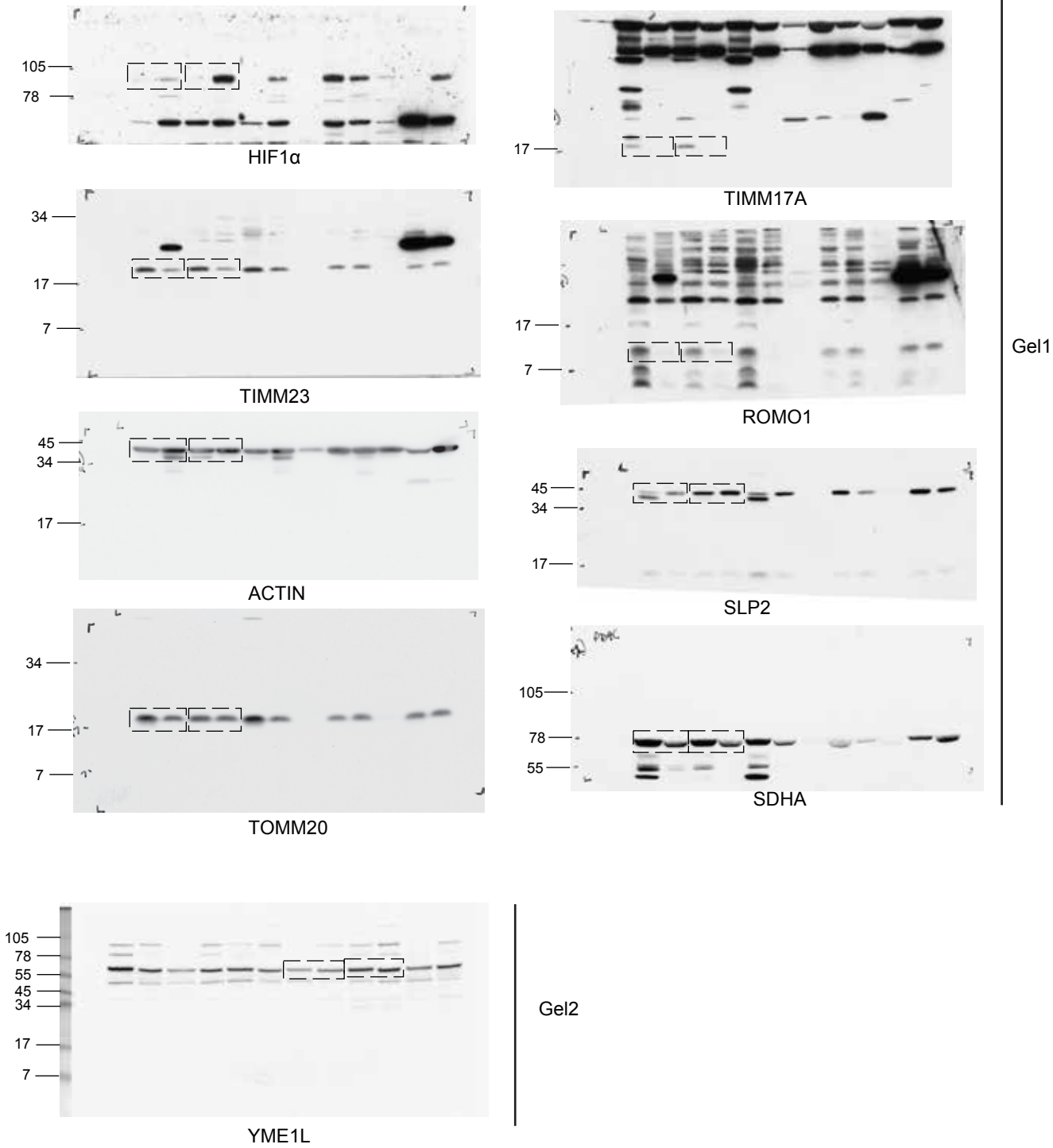


LIPIN1

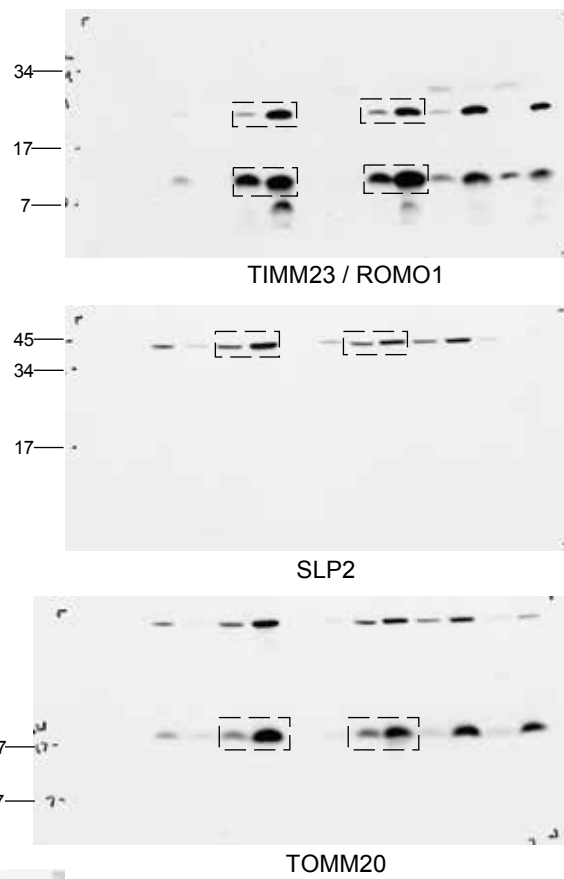
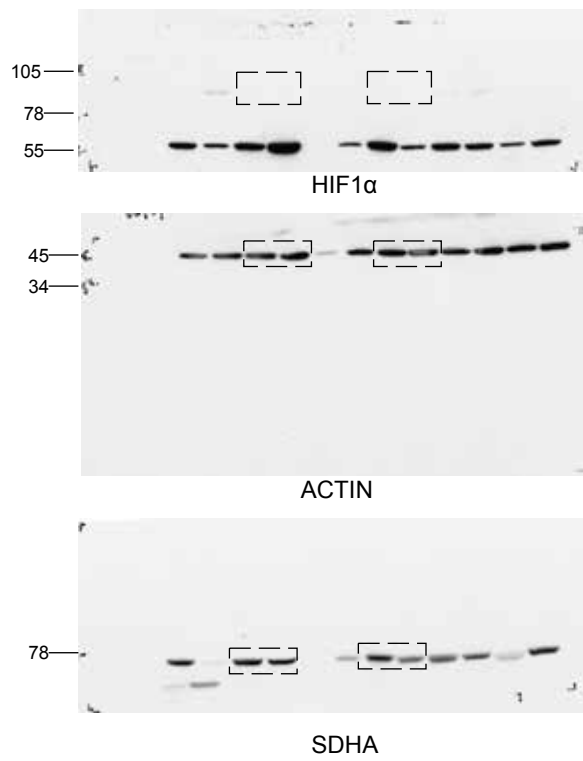


SDHA

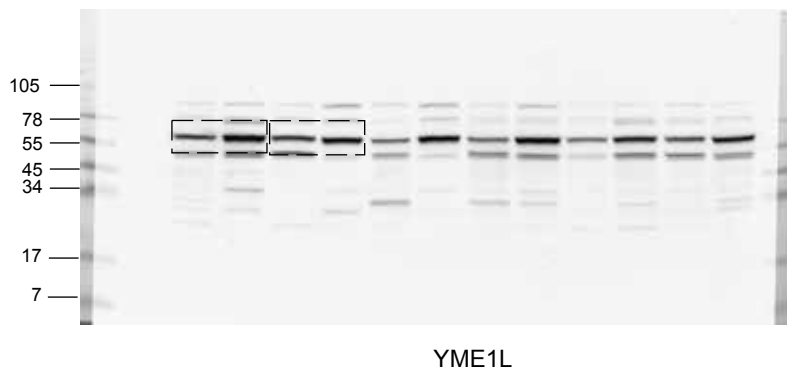
Figure 4a



**Figure 4b**



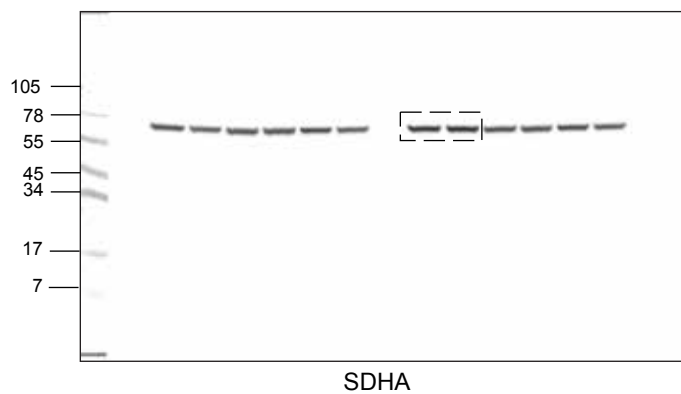
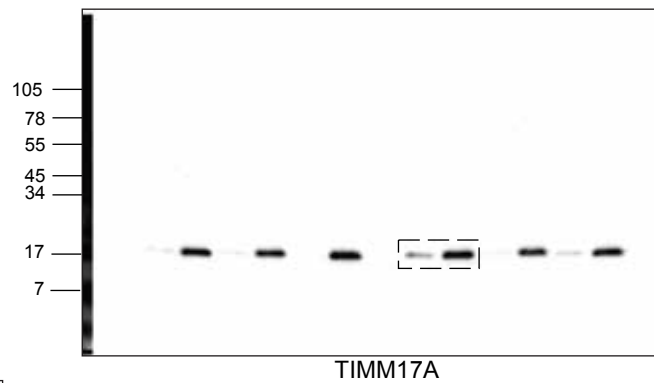
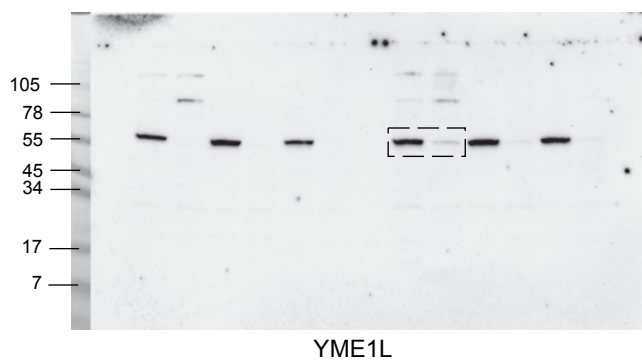
Gel1



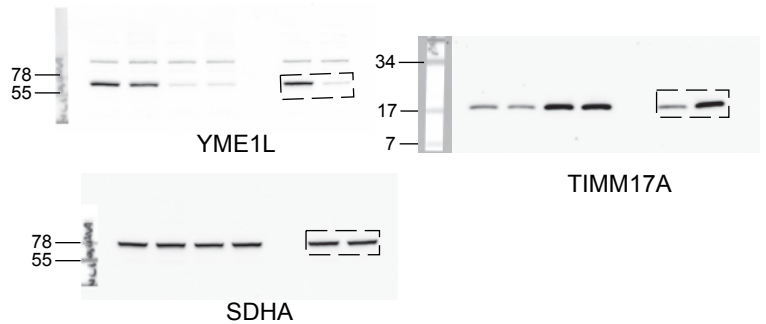
Gel2

**Figure 4c**

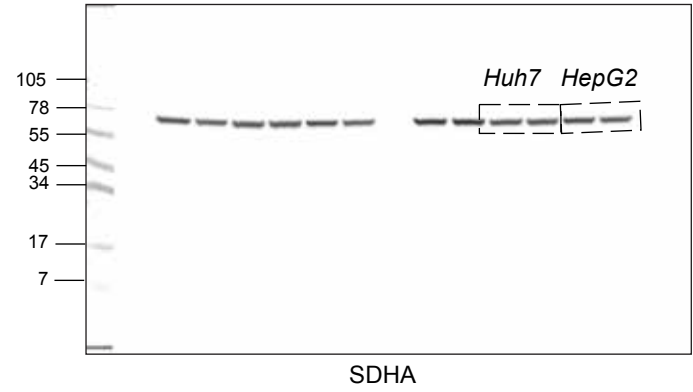
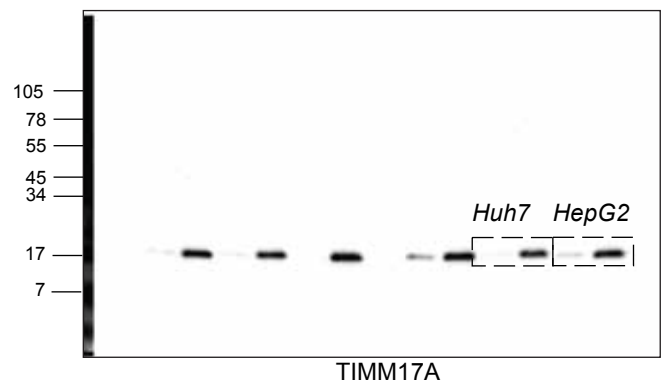
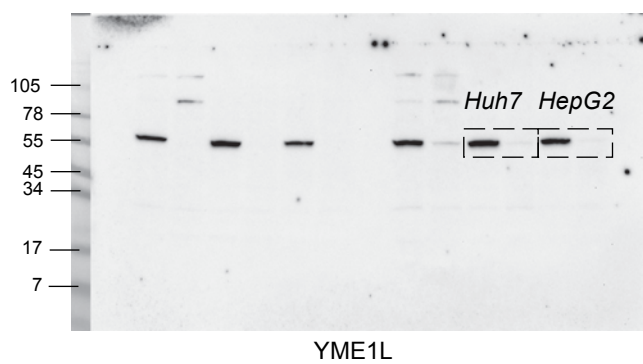
*HPAFII*



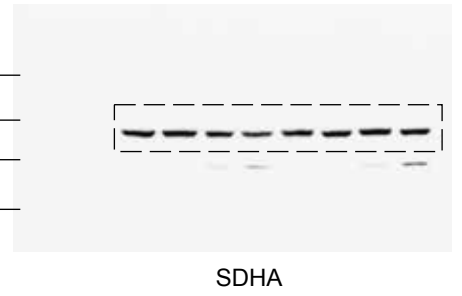
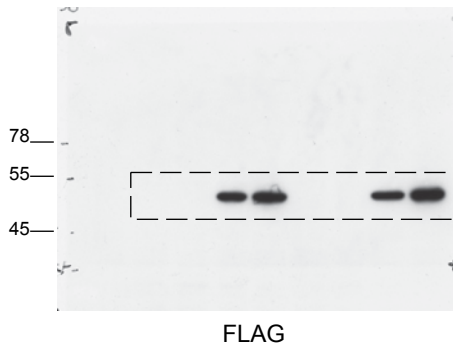
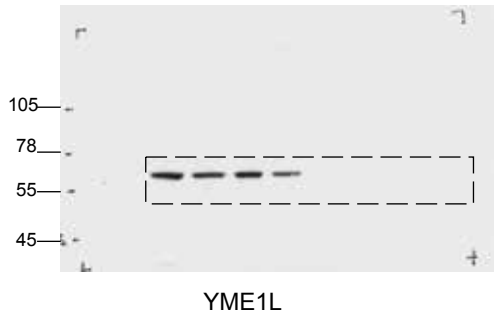
*PANC1*



**Figure 4d**



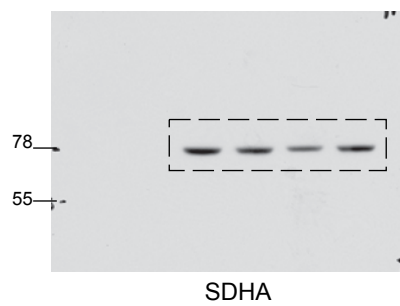
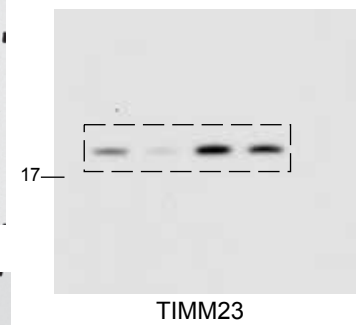
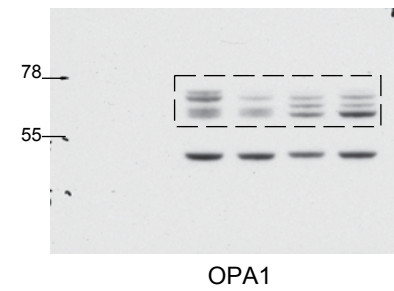
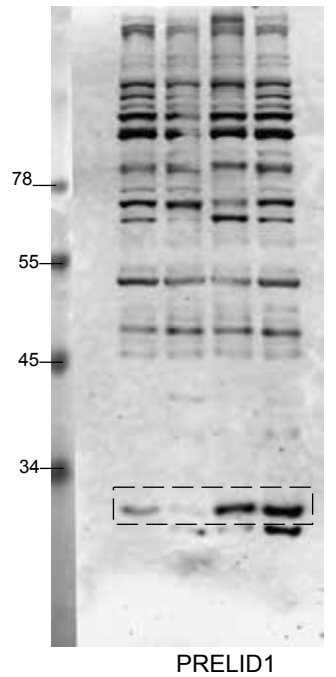
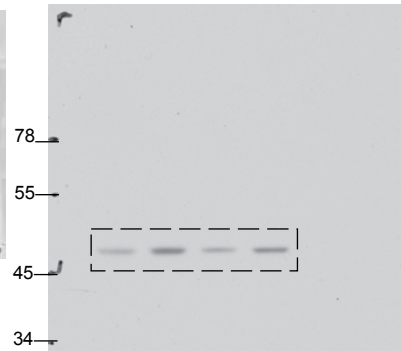
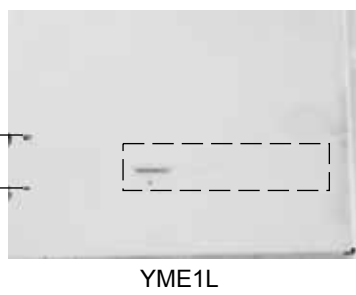
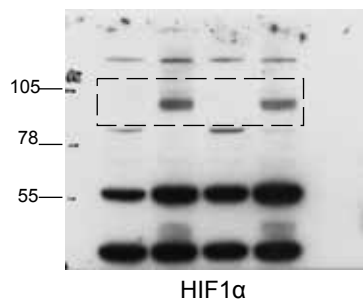
**Extended Data Fig. 1f**



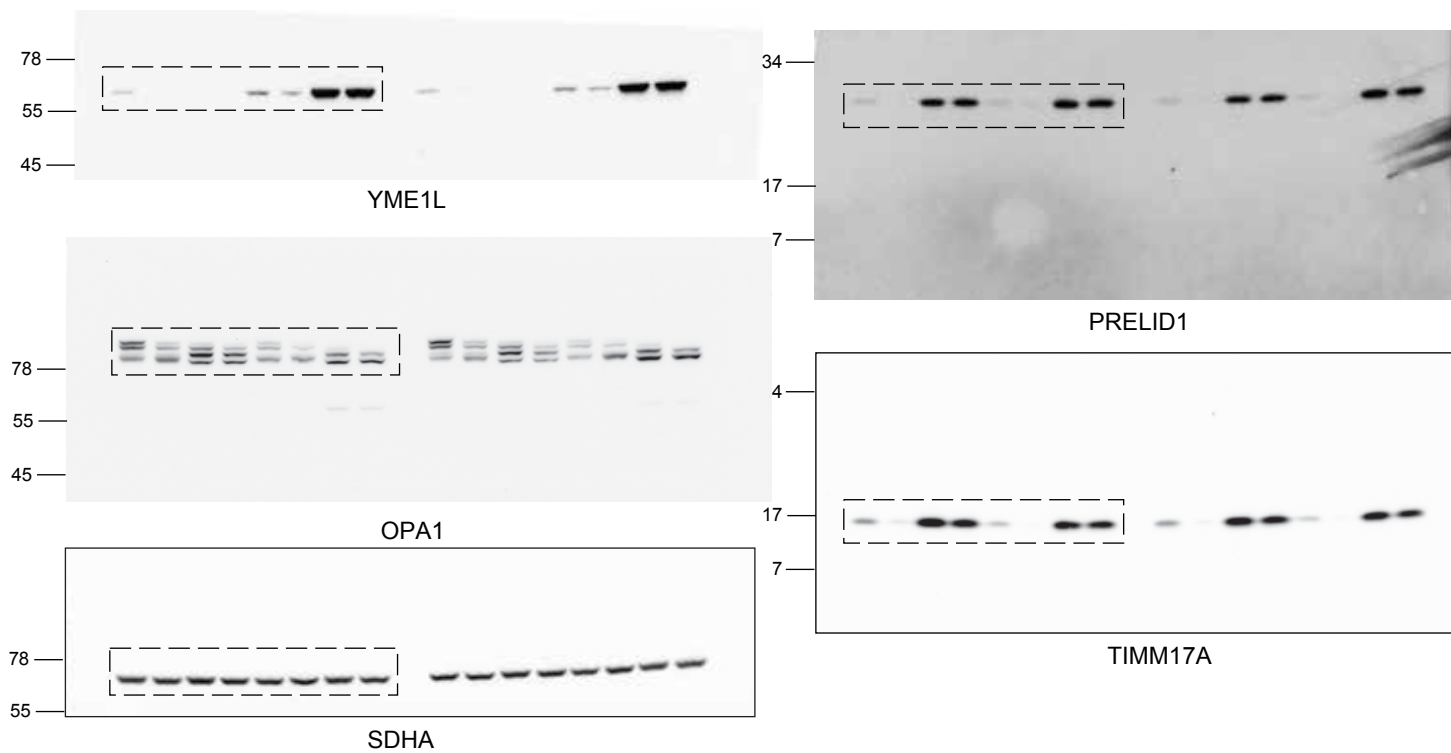
**Extended Data Fig. 2a**

Gel1

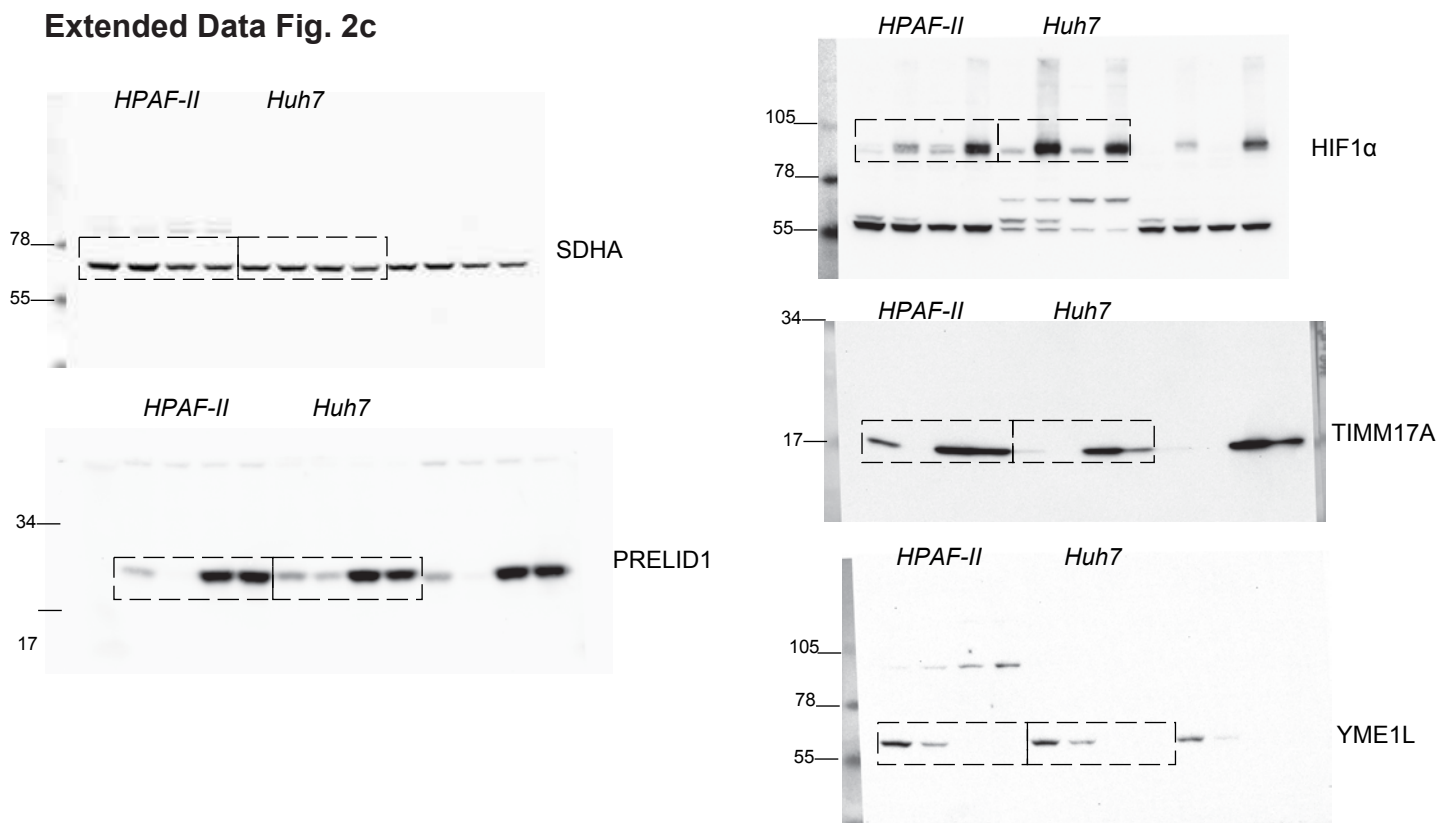
Gel2



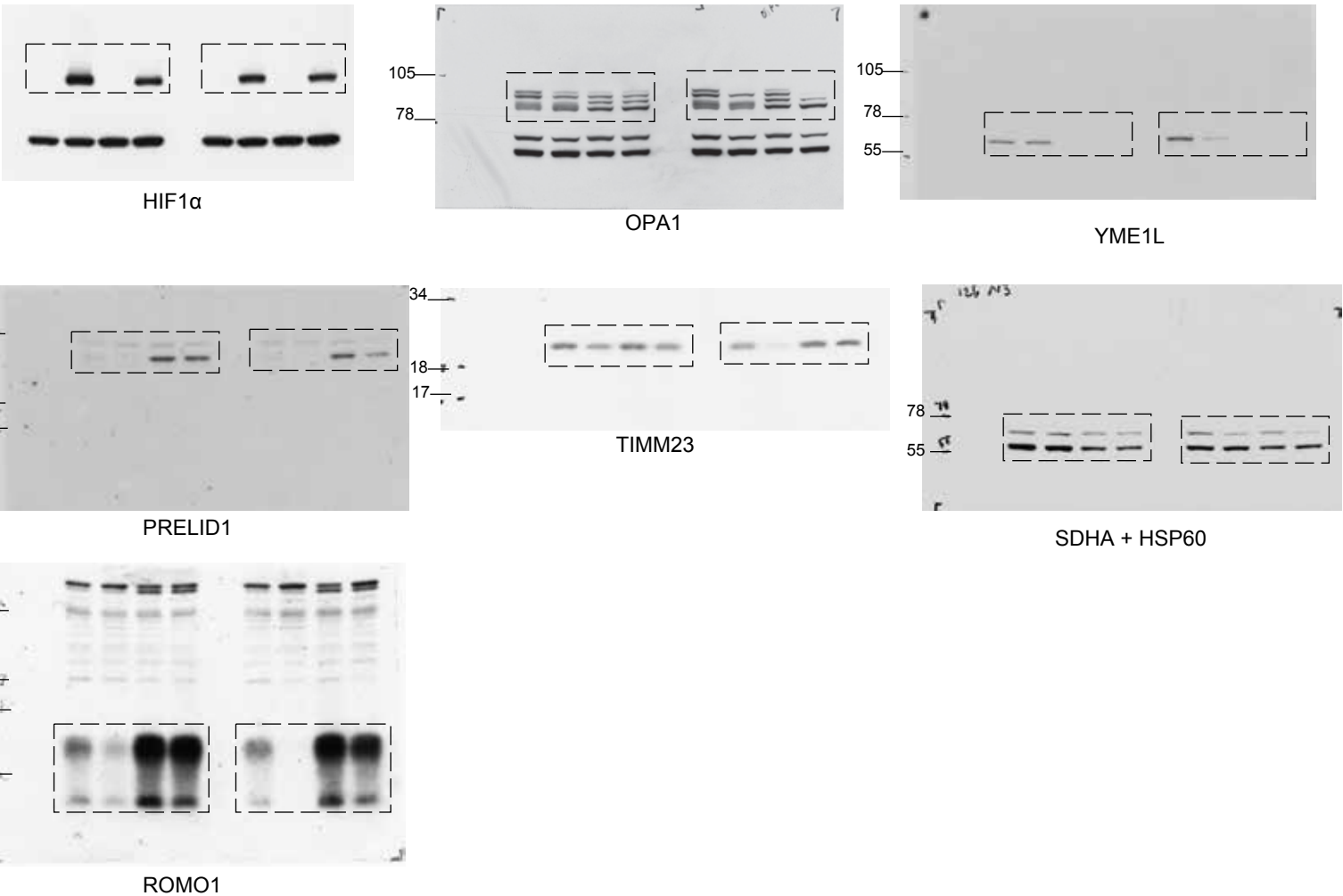
**Extended Data Fig. 2b**



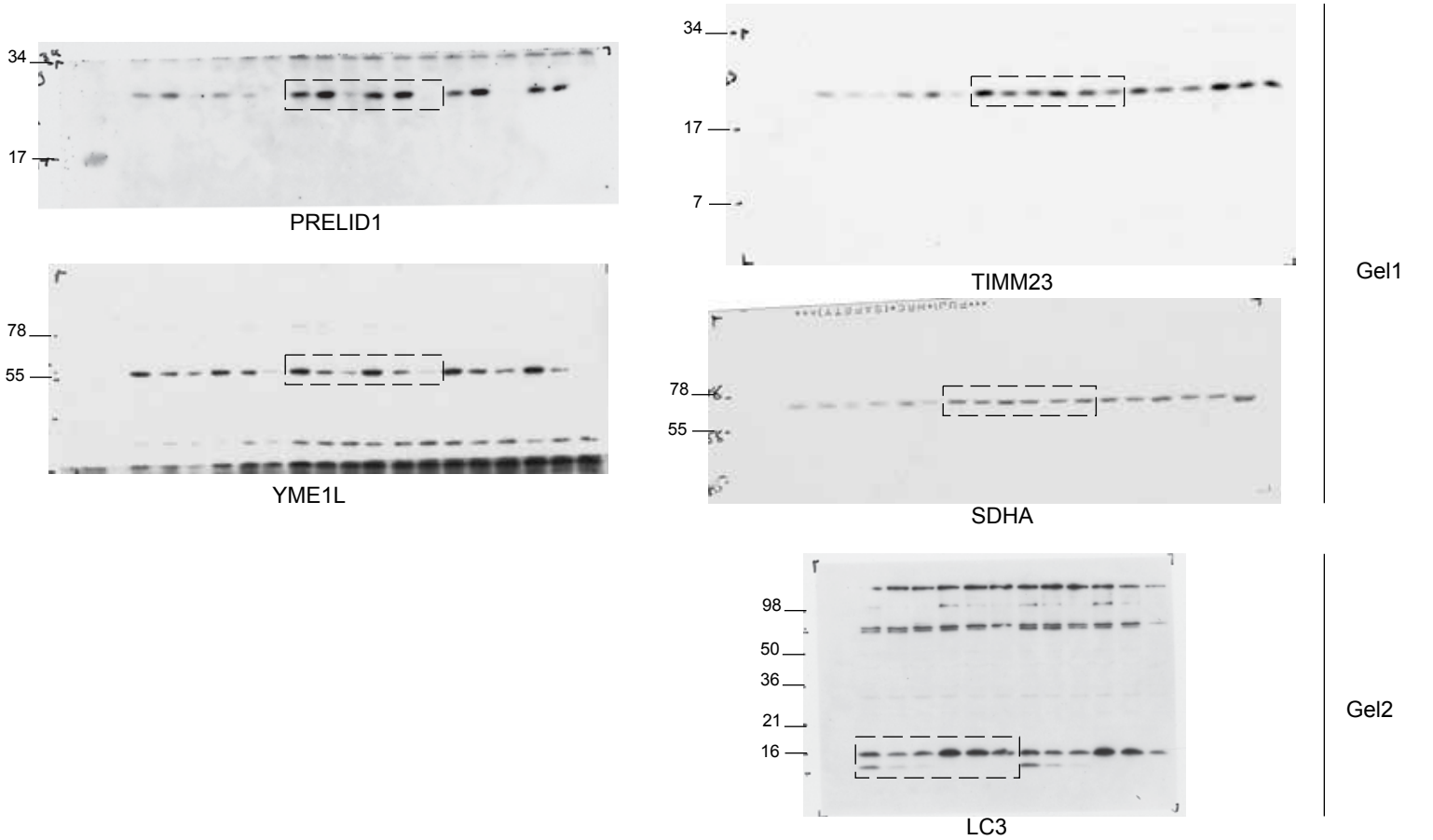
**Extended Data Fig. 2c**



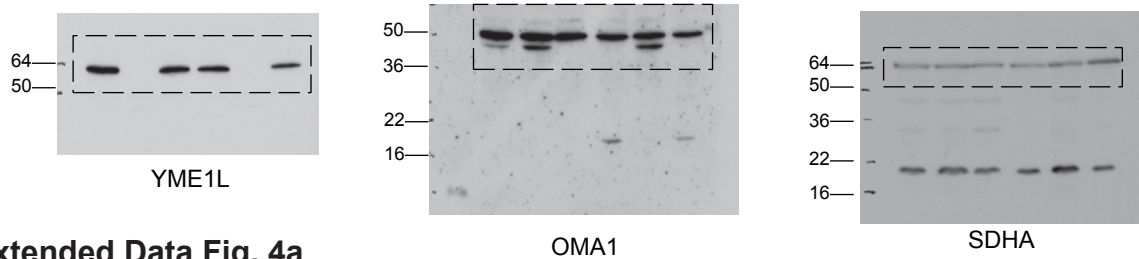
Extended Data Fig. 2d



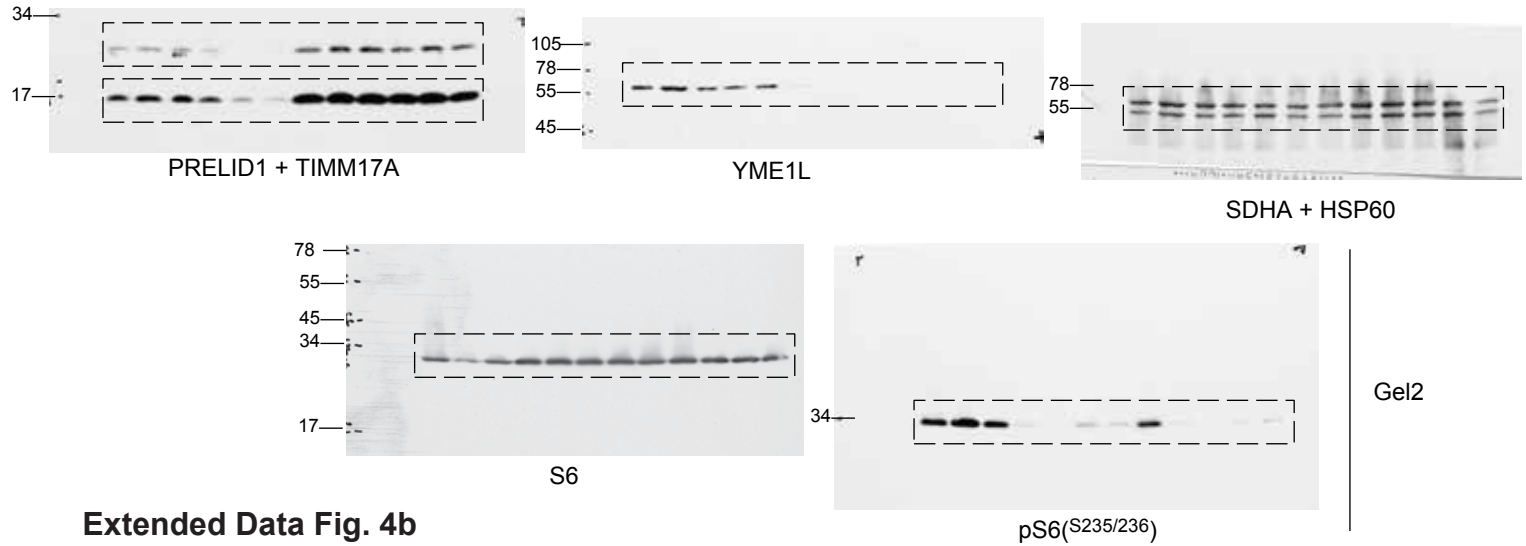
Extended Data Fig. 2f



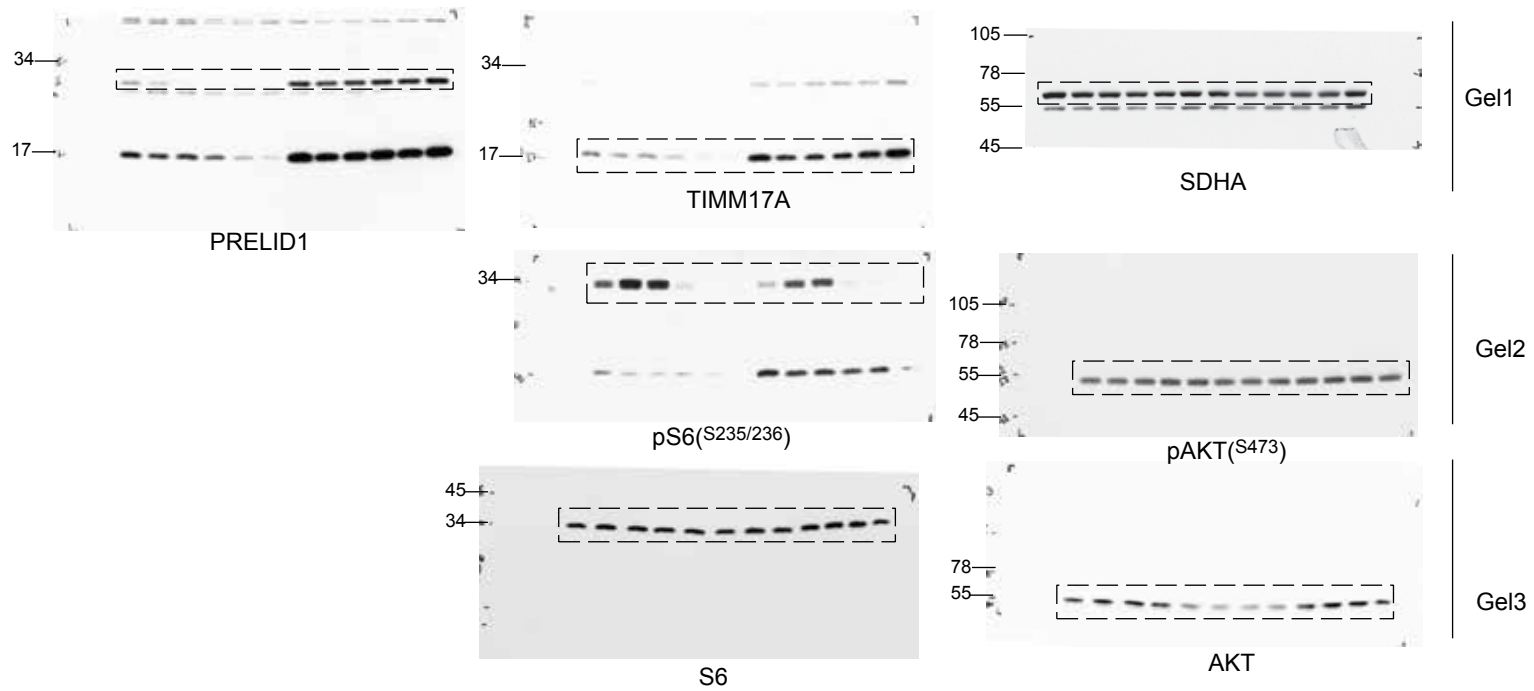
**Extended Data Fig. 3f**



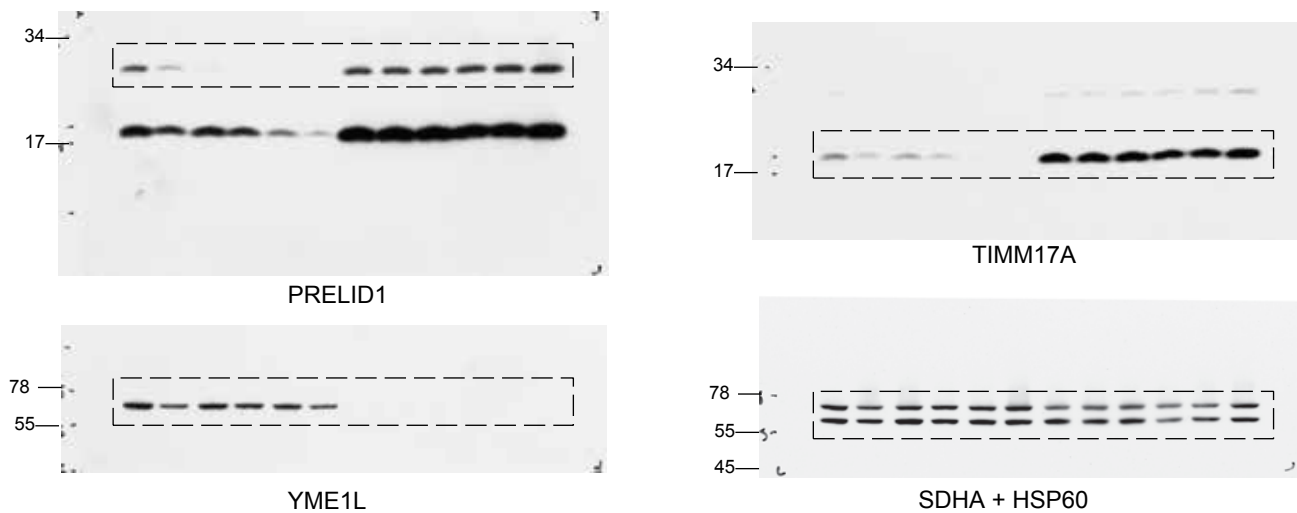
**Extended Data Fig. 4a**



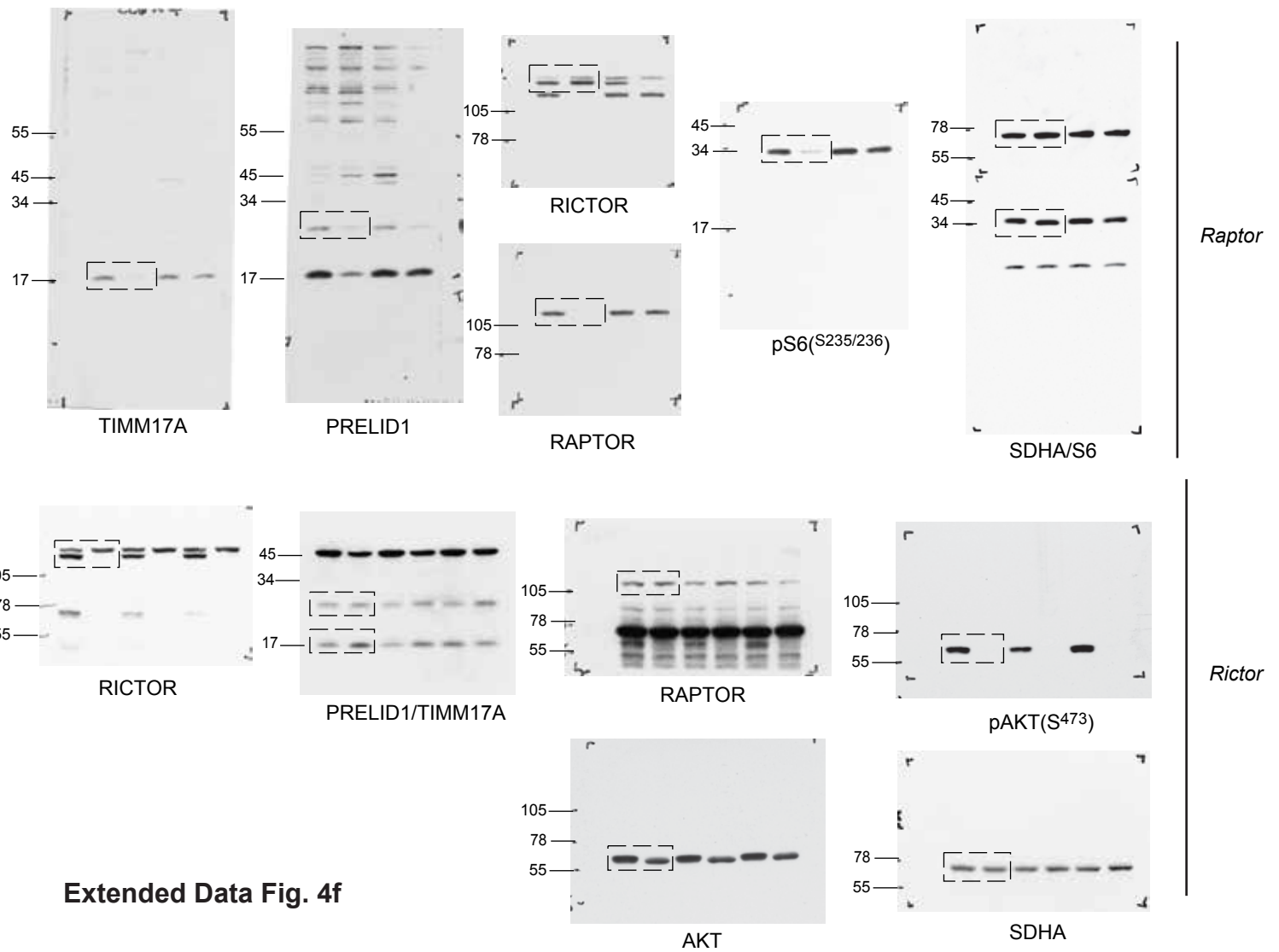
**Extended Data Fig. 4b**



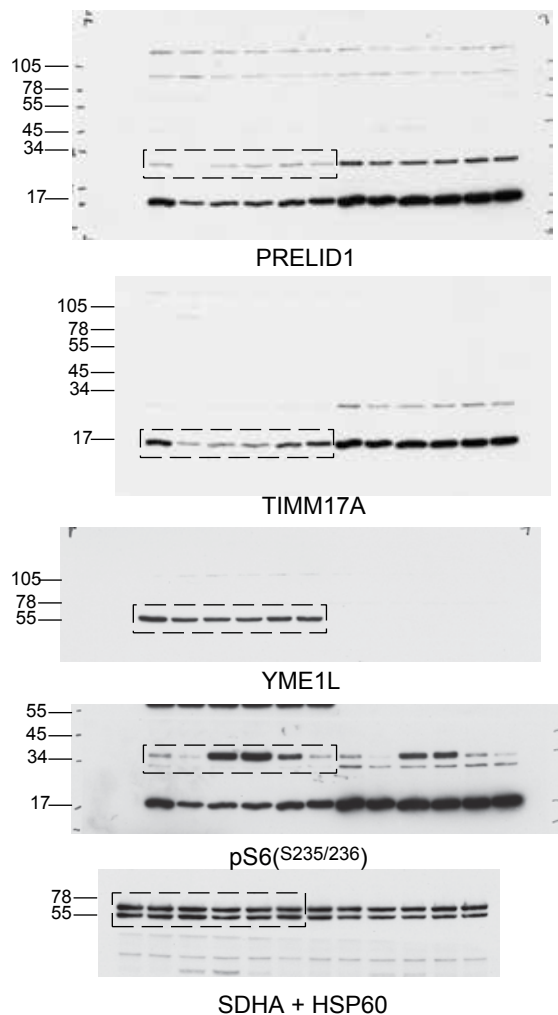
**Extended Data Fig. 4c**



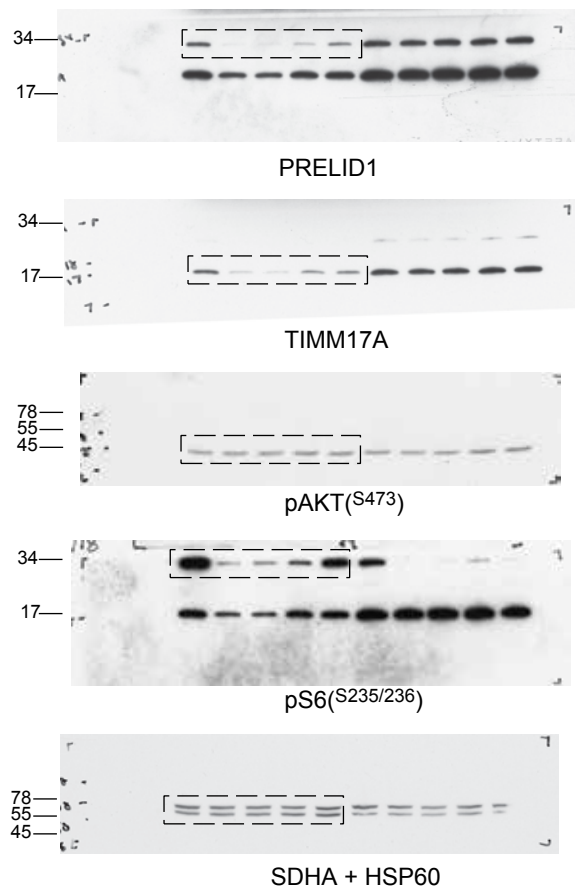
**Extended Data Fig. 4e**



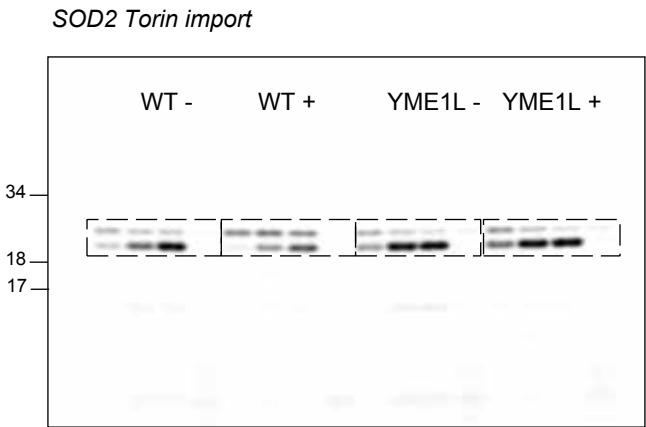
**Extended Data Fig. 4f**



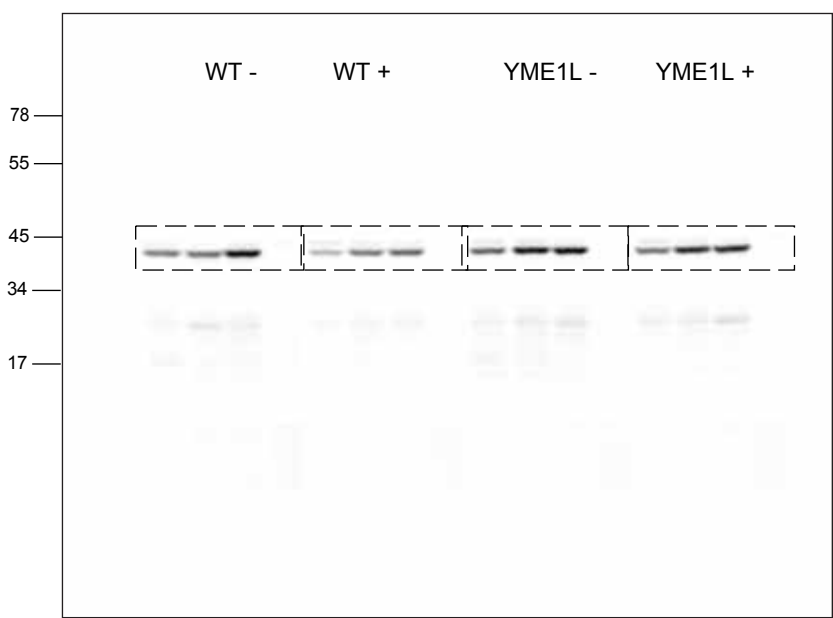
**Extended Data Fig. 4g**



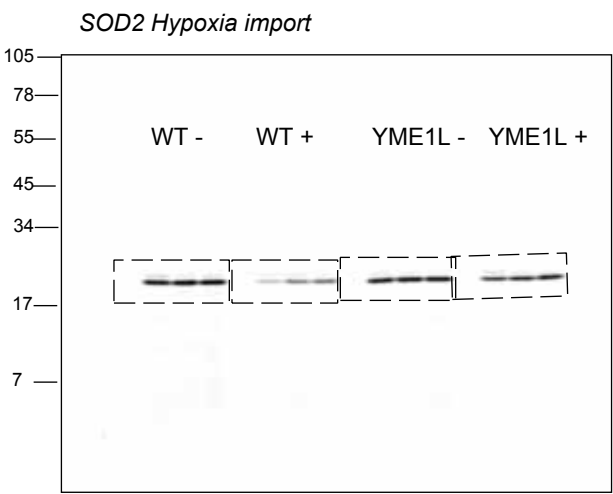
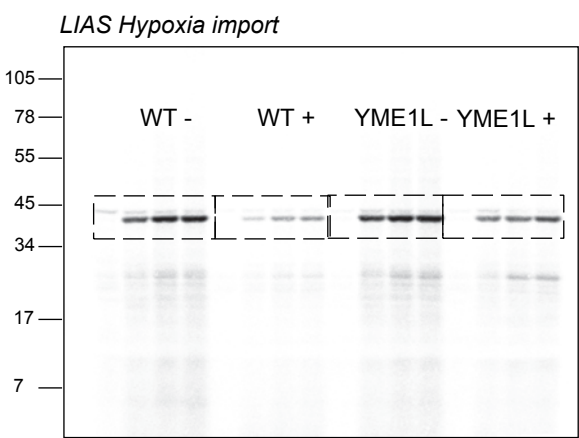
Extended Data Fig. 4h



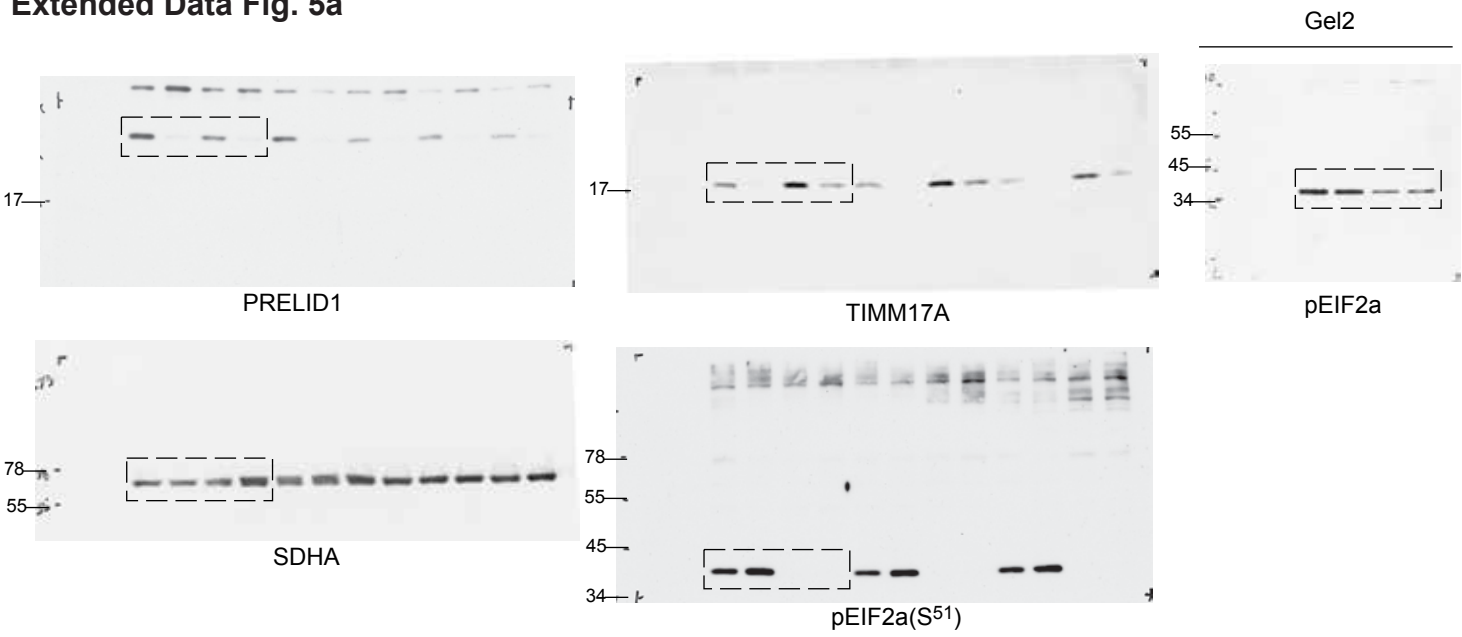
Extended Data Fig. 4i



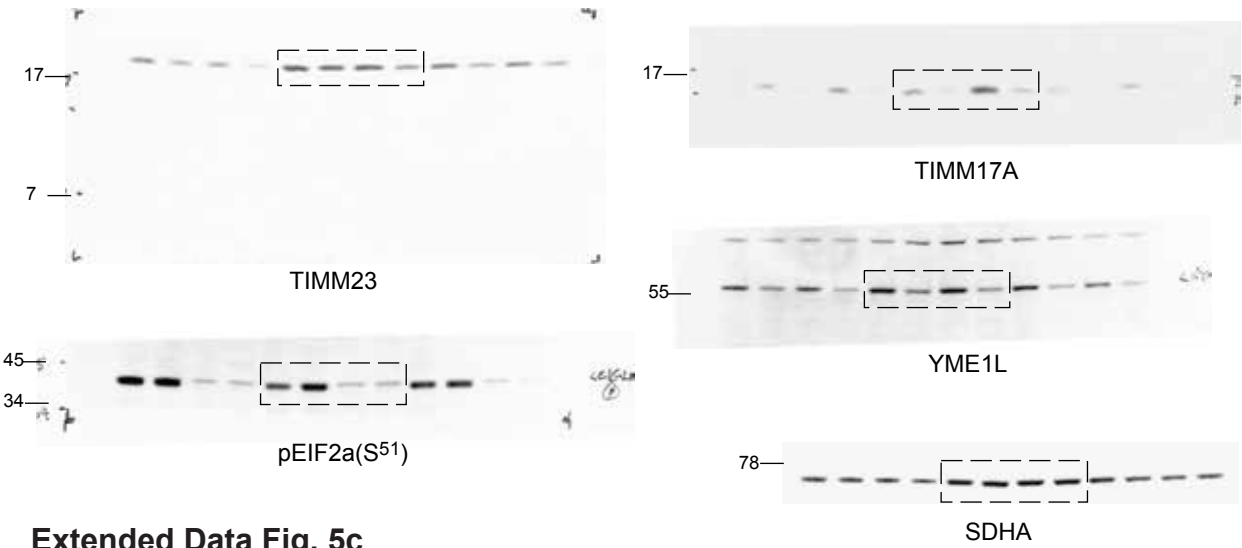
Extended Data Fig. 4j



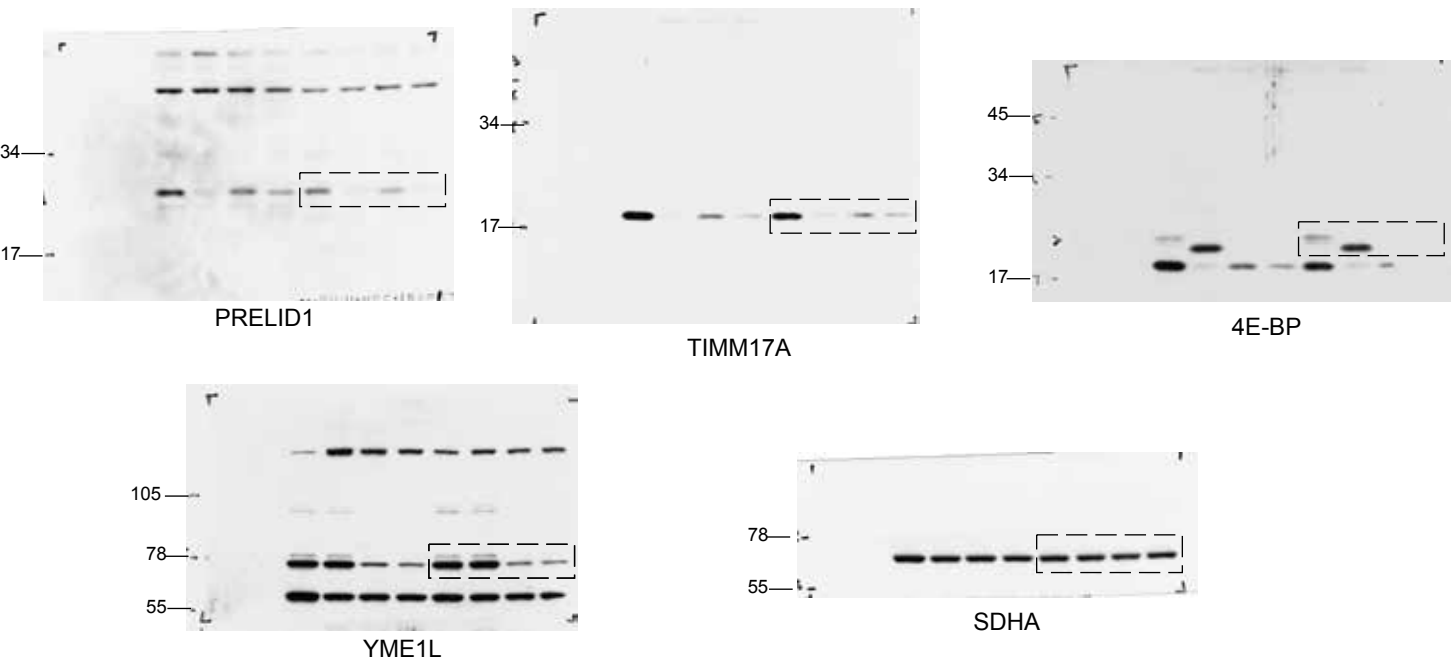
Extended Data Fig. 5a



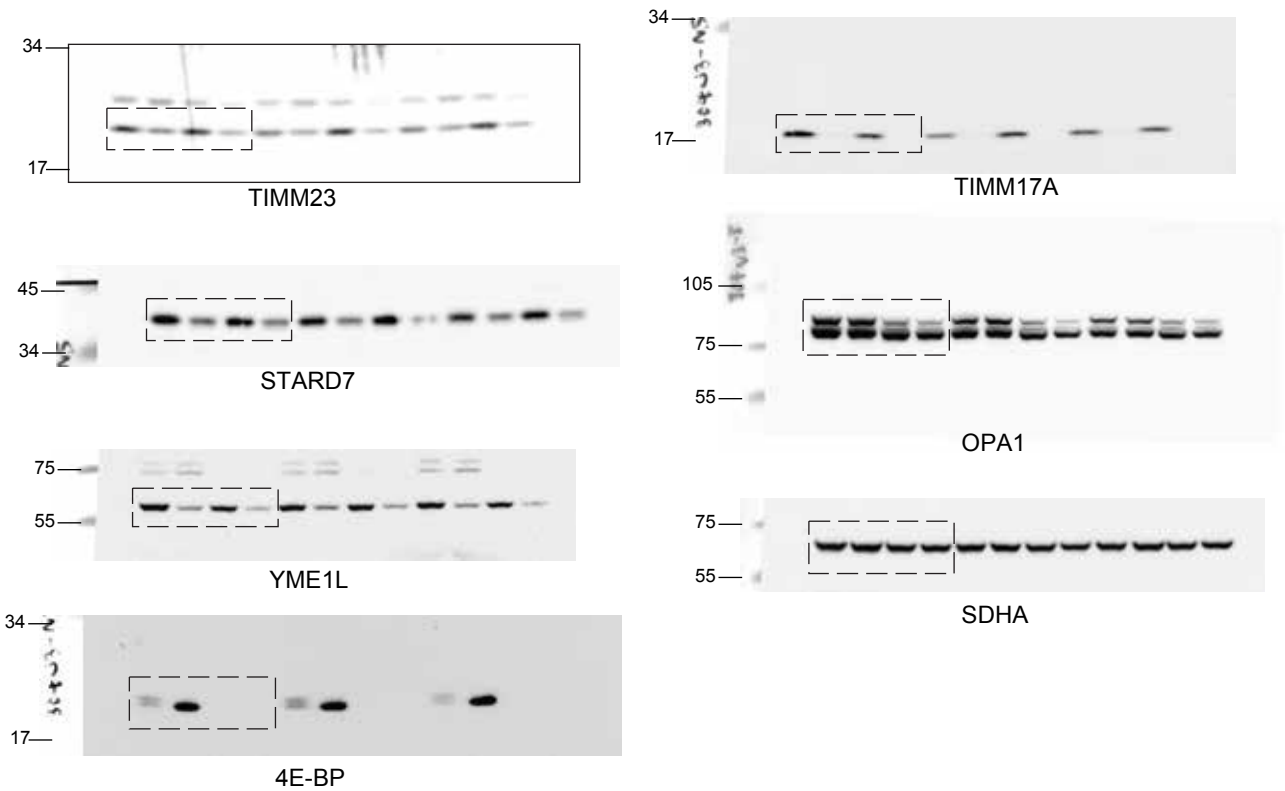
Extended Data Fig. 5b



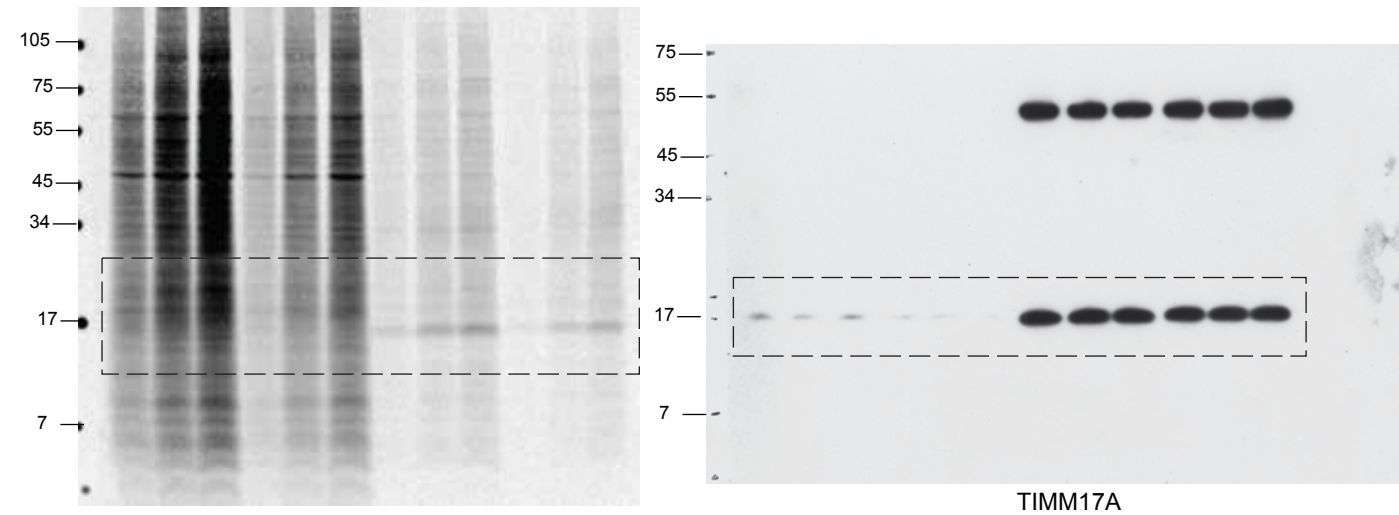
Extended Data Fig. 5c



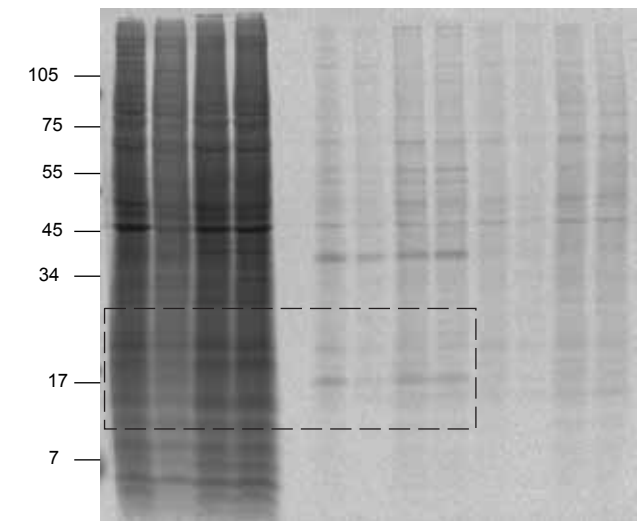
Extended Data Fig. 5d



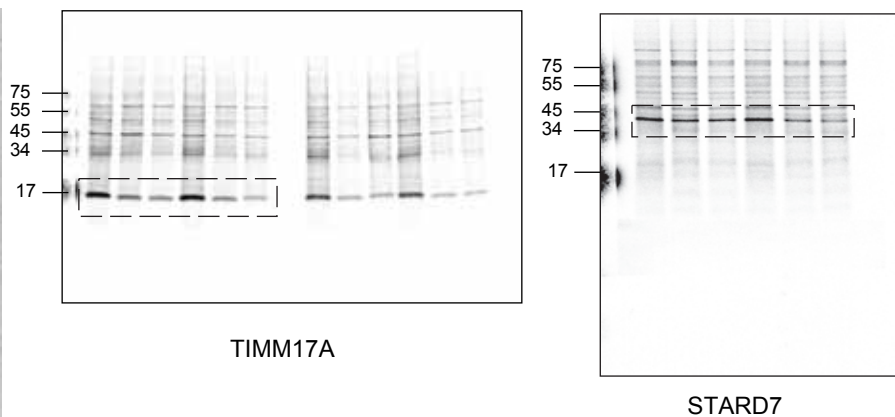
Extended Data Fig. 5e



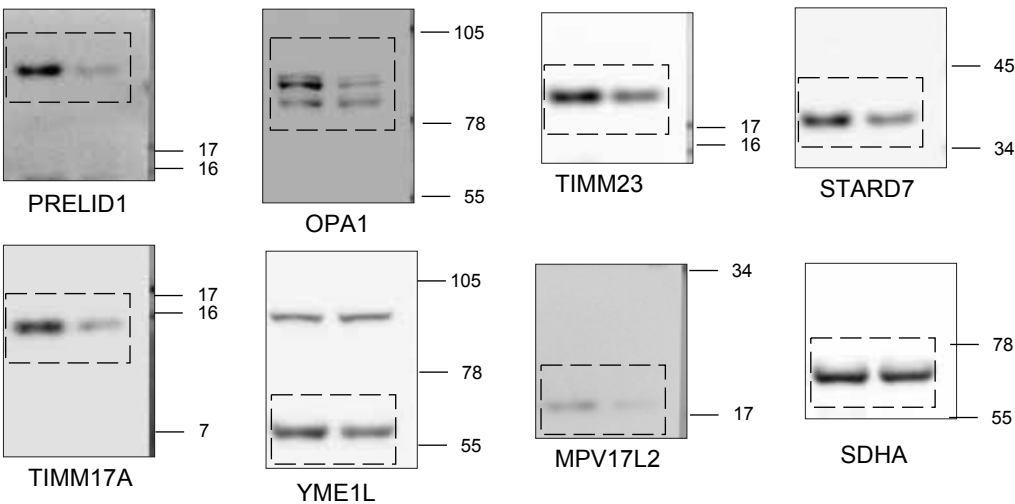
Extended Data Fig. 5g



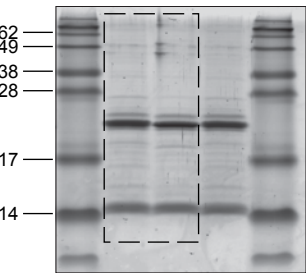
Extended Data Fig. 5j



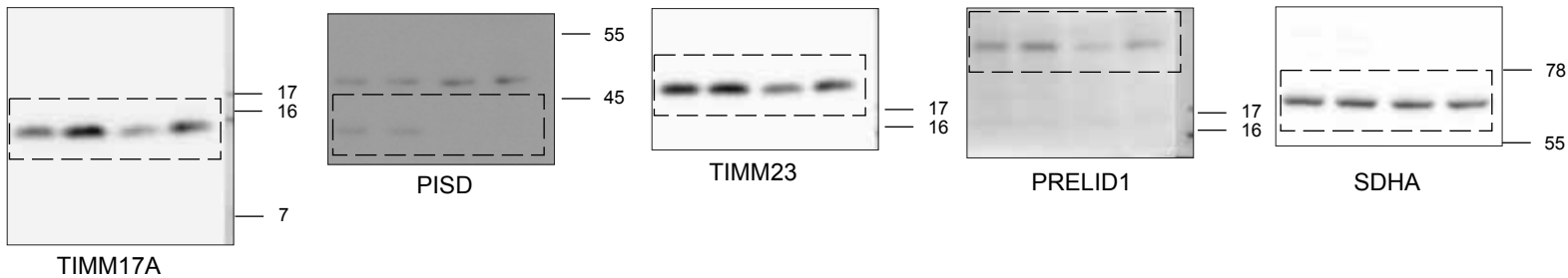
Extended Data Fig. 6f



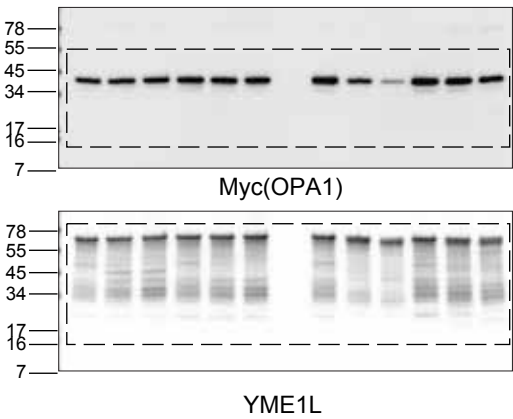
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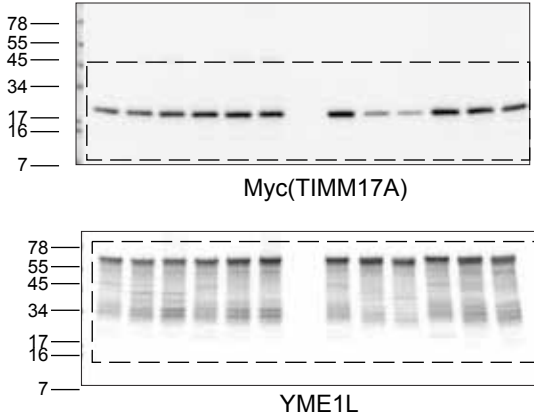
Extended Data Fig. 7e



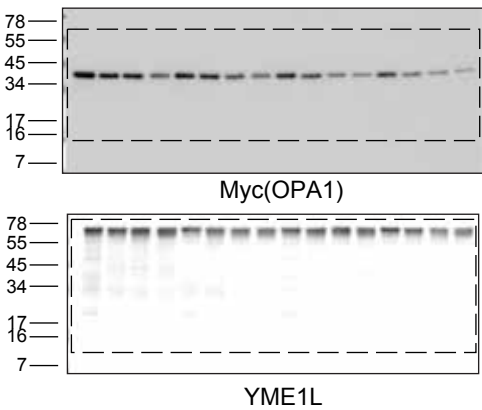
Extended Data Fig. 7g



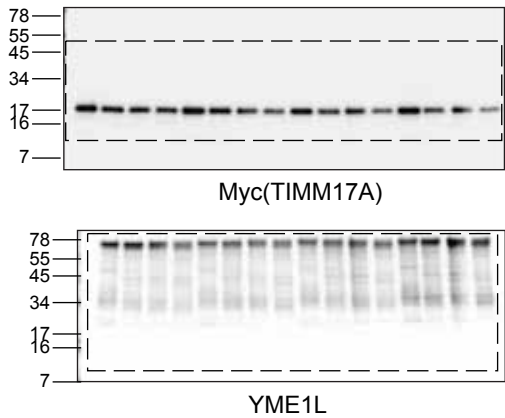
Extended Data Fig. 7h



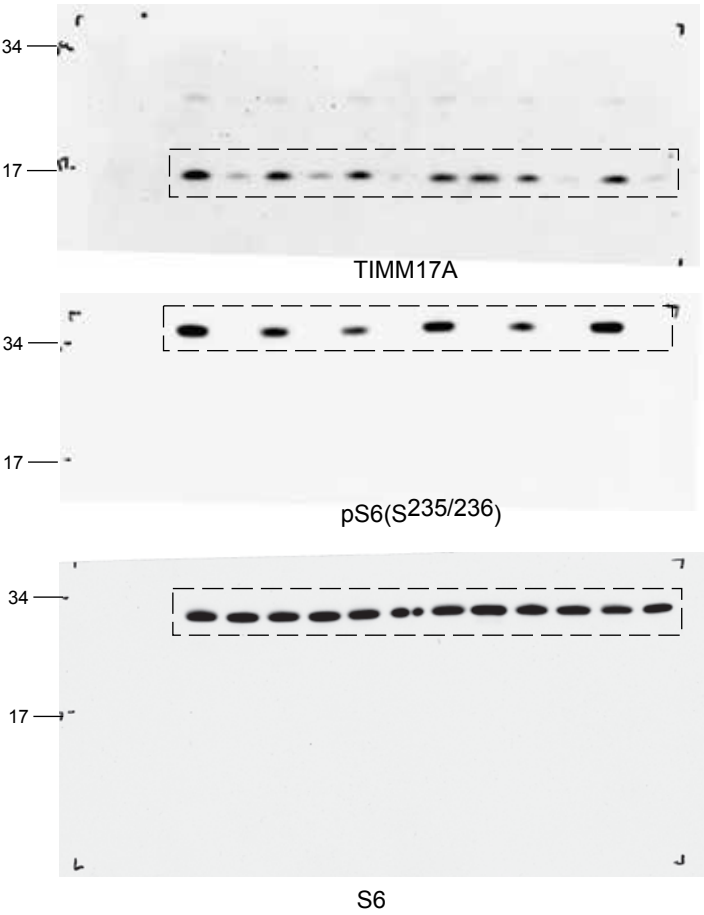
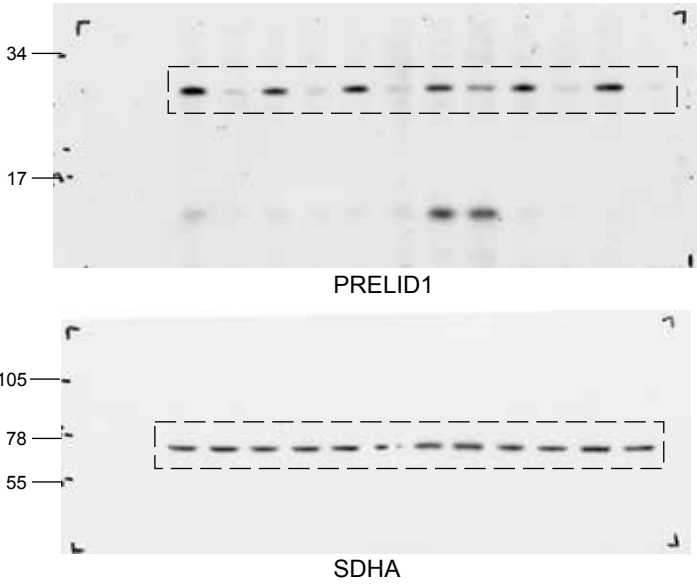
Extended Data Fig. 7i



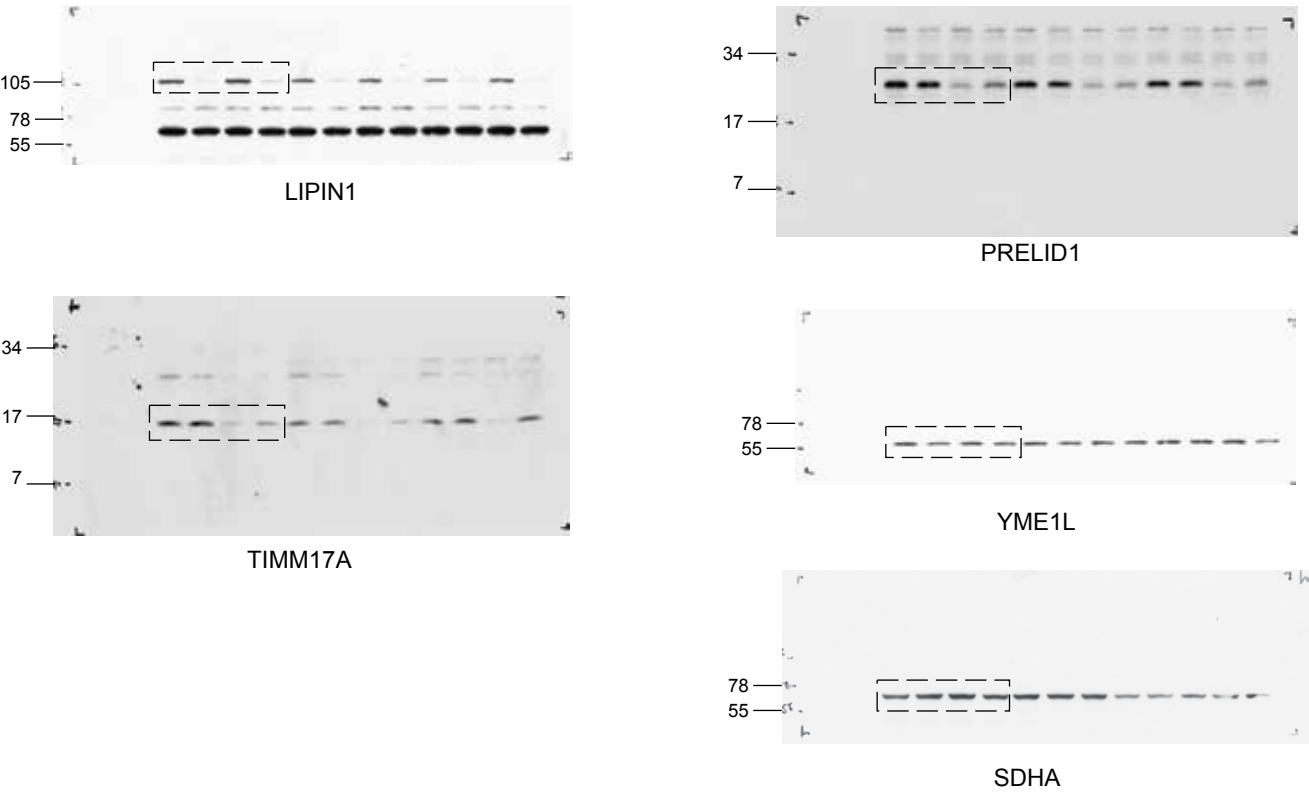
Extended Data Fig. 7j



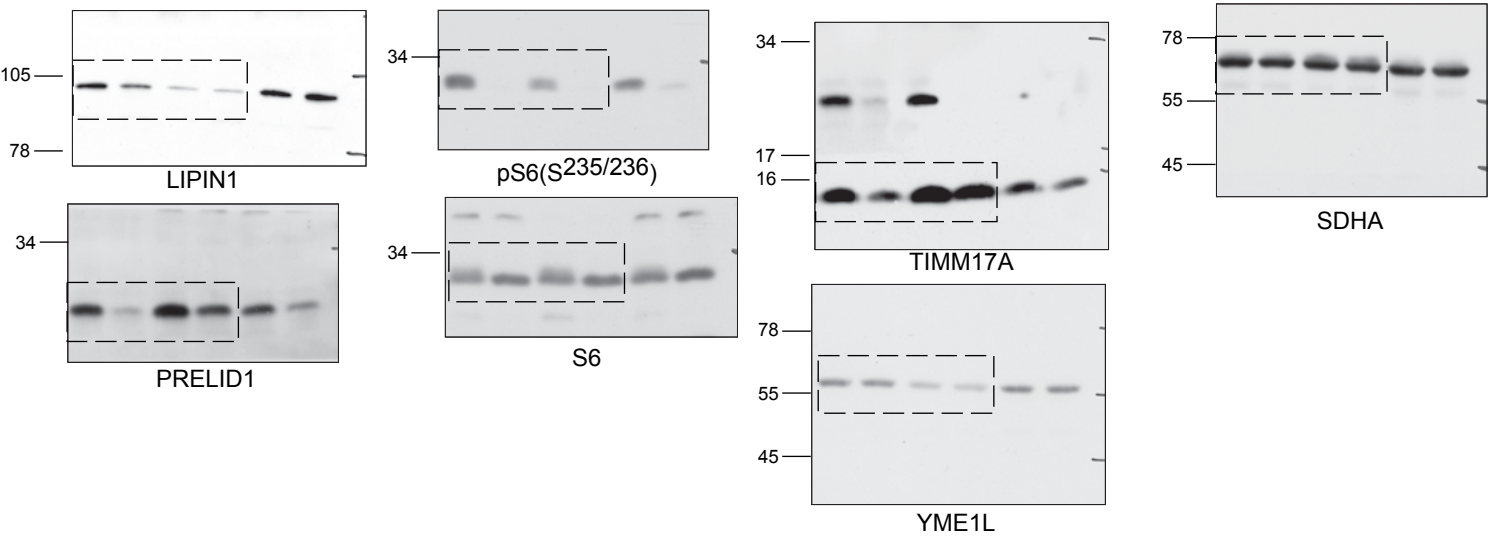
Extended Data Fig. 8a



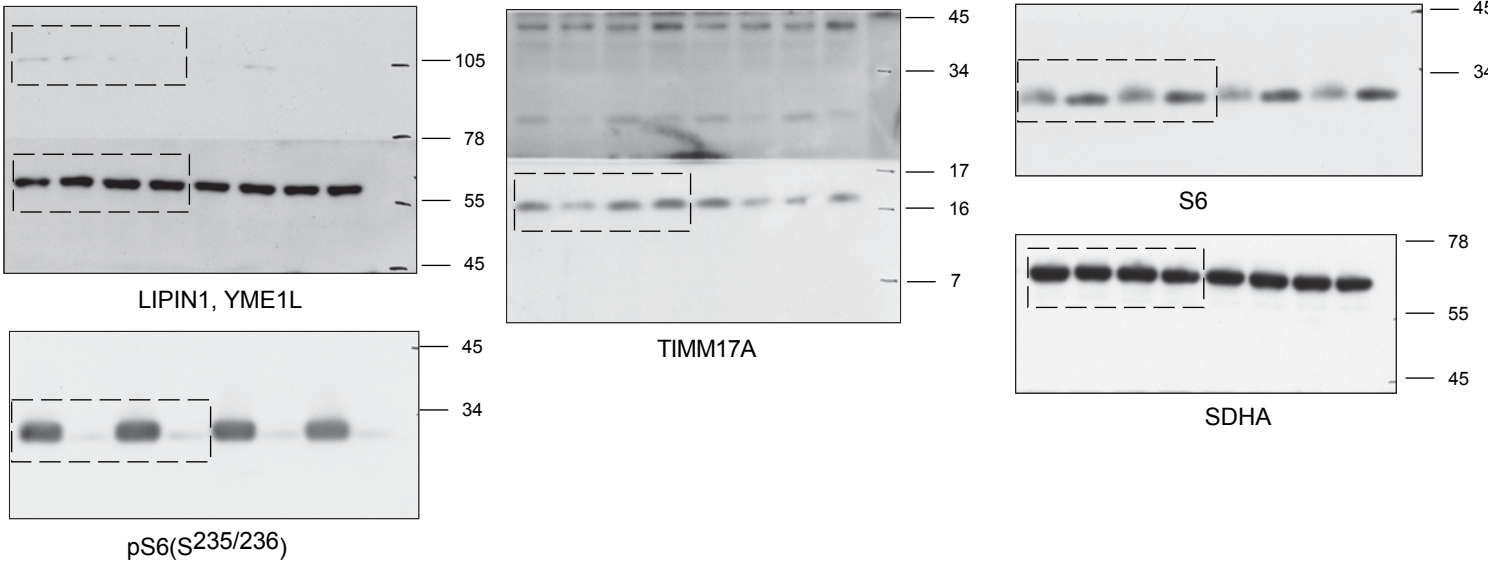
Extended Data Fig. 8b



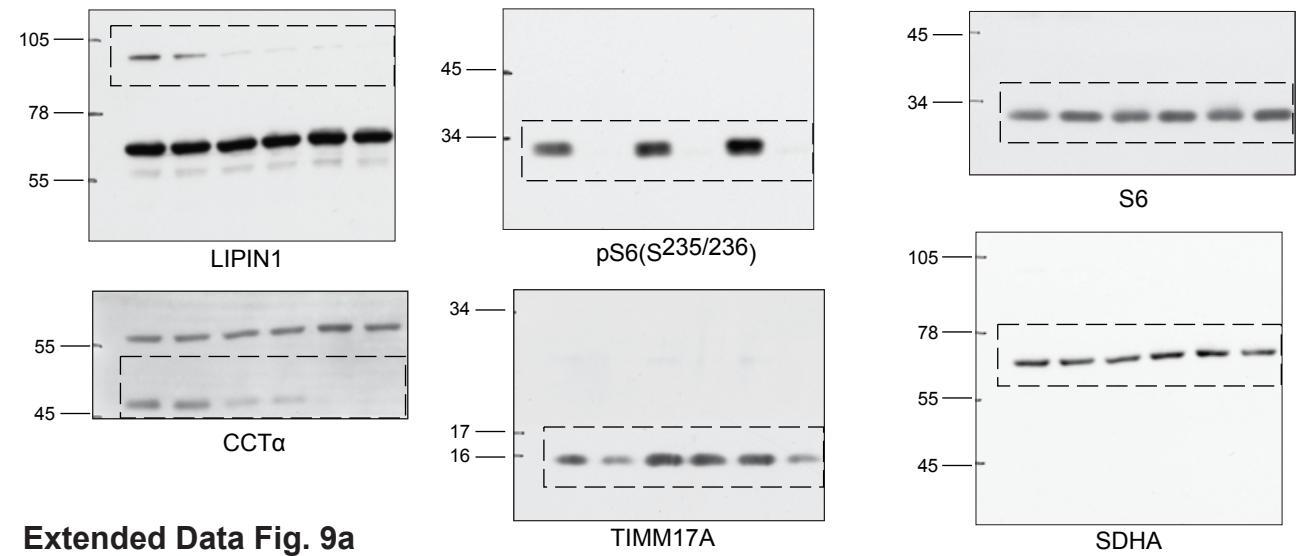
Extended Data Fig. 8c



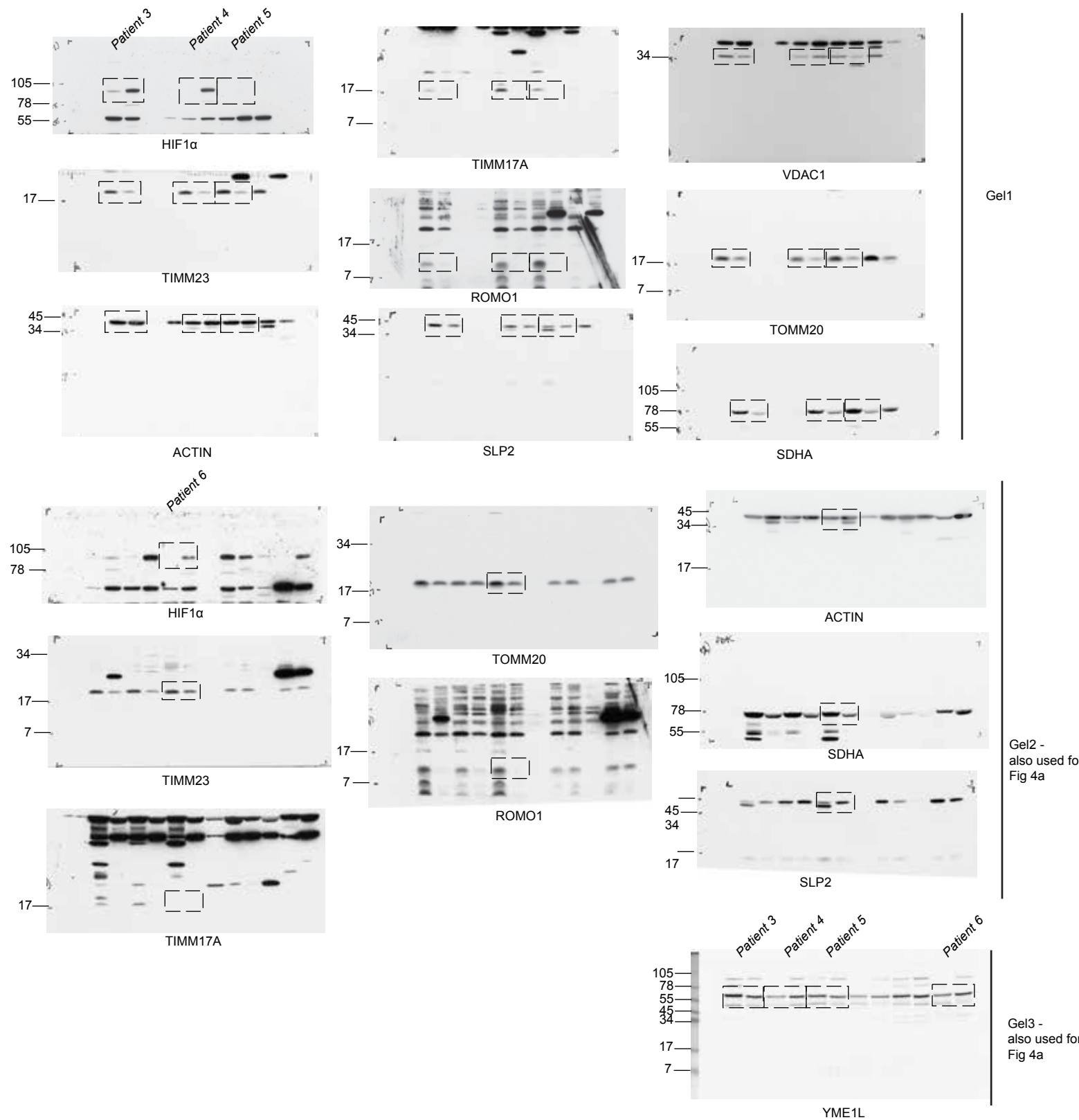
Extended Data Fig. 8d



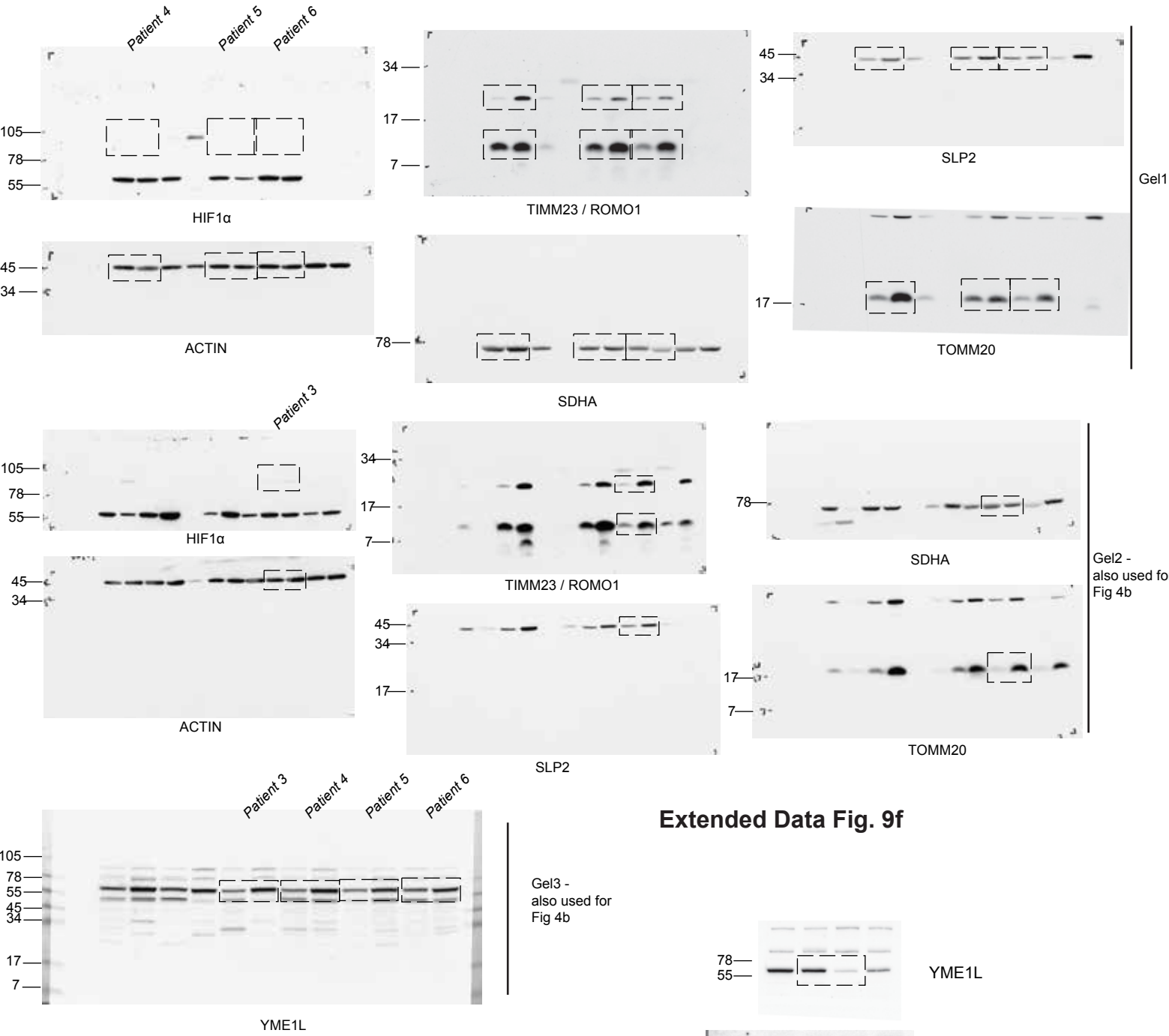
Extended Data Fig. 8e



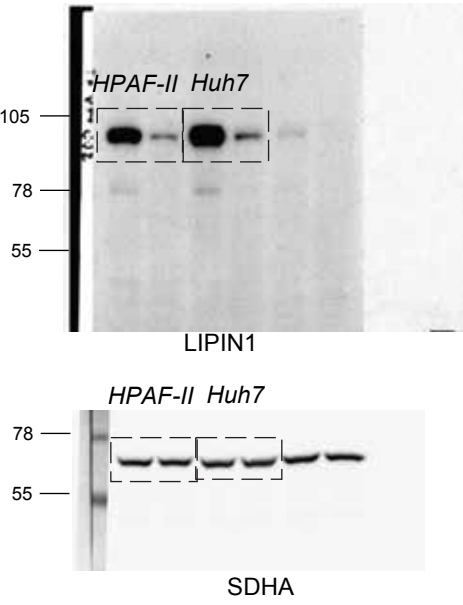
Extended Data Fig. 9a



Extended Data Fig. 9b



Extended Data Fig. 9d, e



Extended Data Fig. 9f

