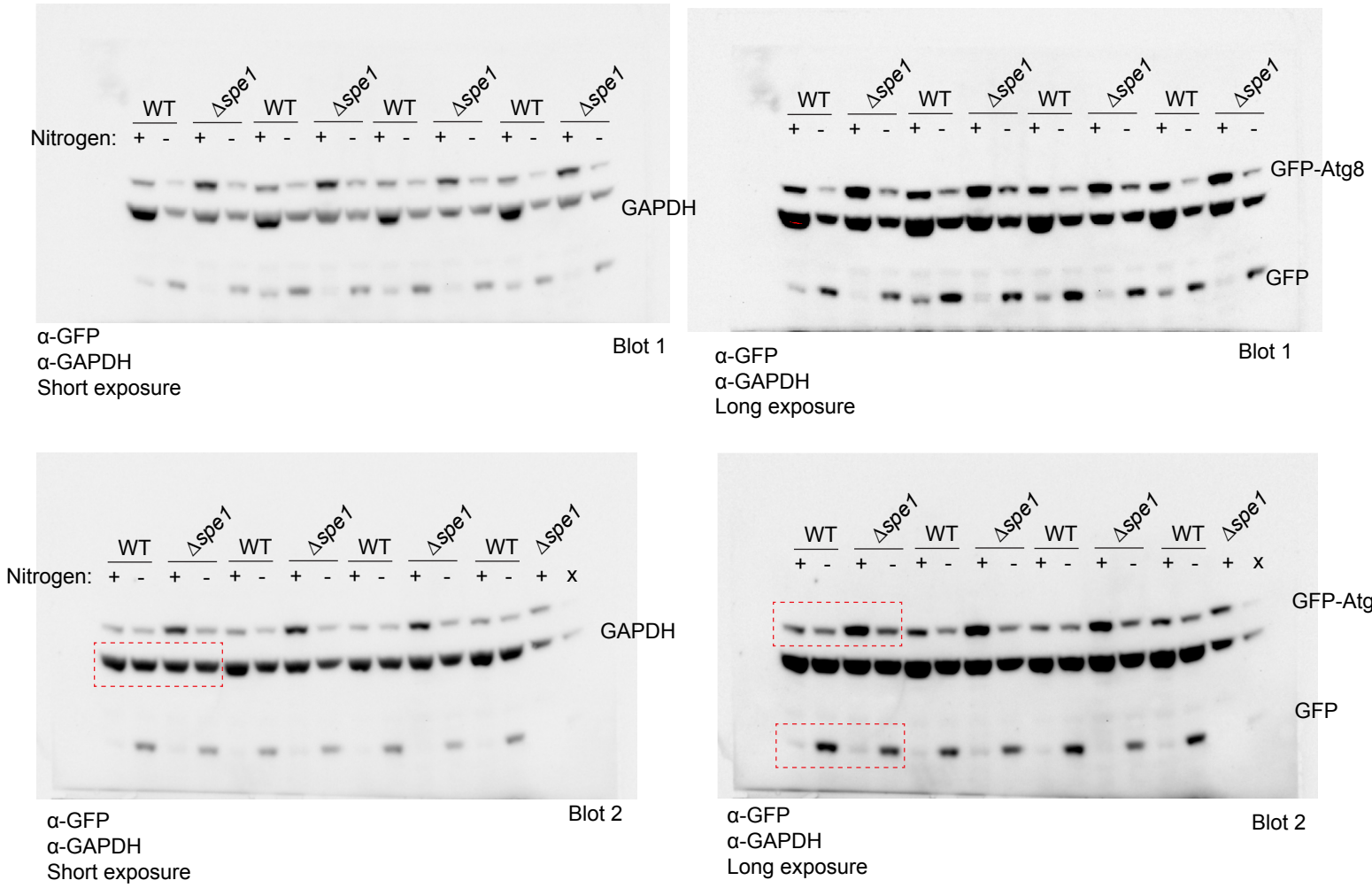
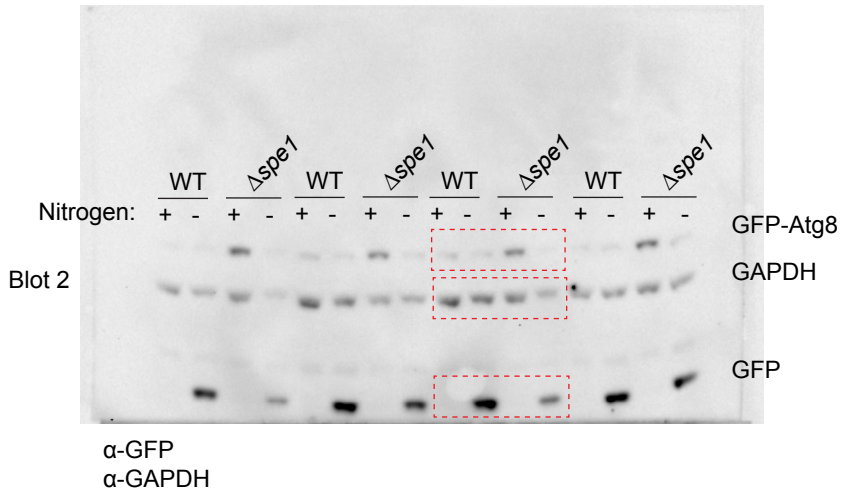
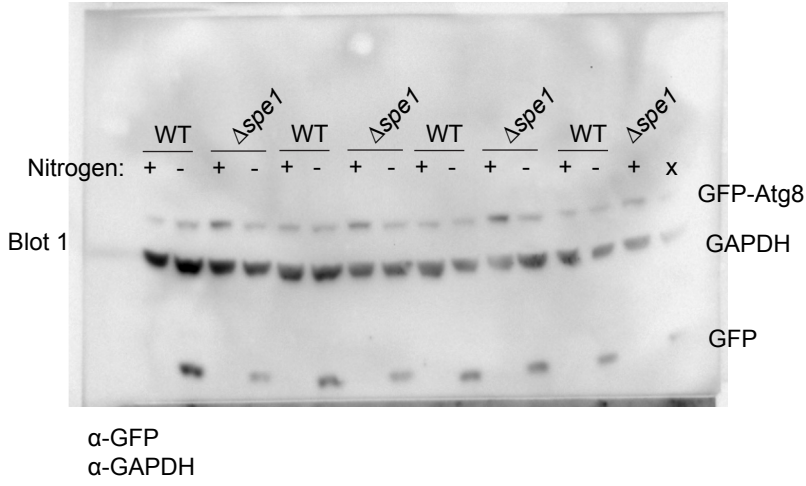


Extended Data Figure 4A



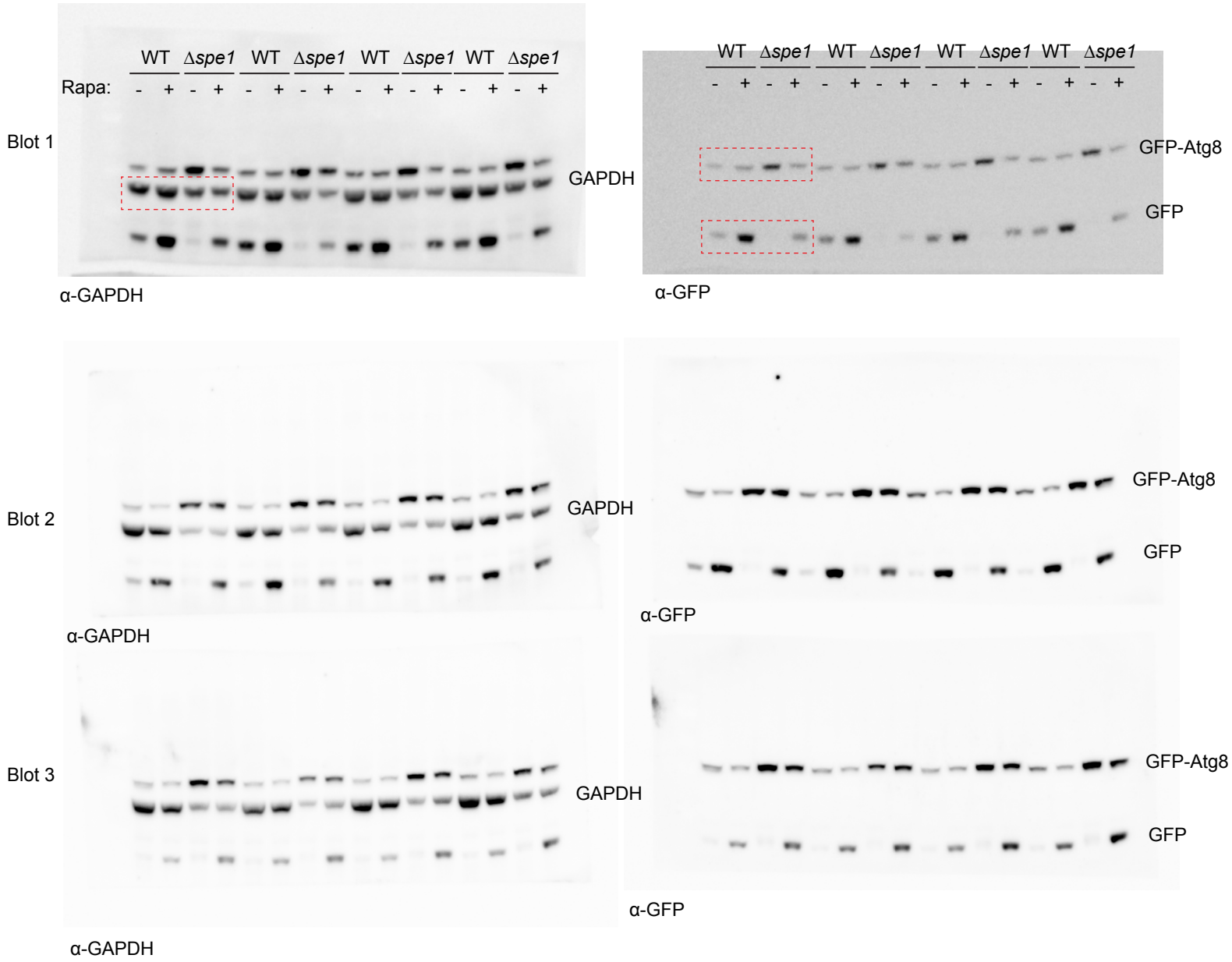
The lower parts of these blots were probed for α -hypusine in Fig. 6B and therefore share the α -GAPDH images.

Extended Data Figure 4C



The lower parts of these blots were probed for α -hypusine in Extended Data Fig. 9A and therefore share the α -GAPDH images.

Extended Data Figure 4I



Extended Data Figure 4M

