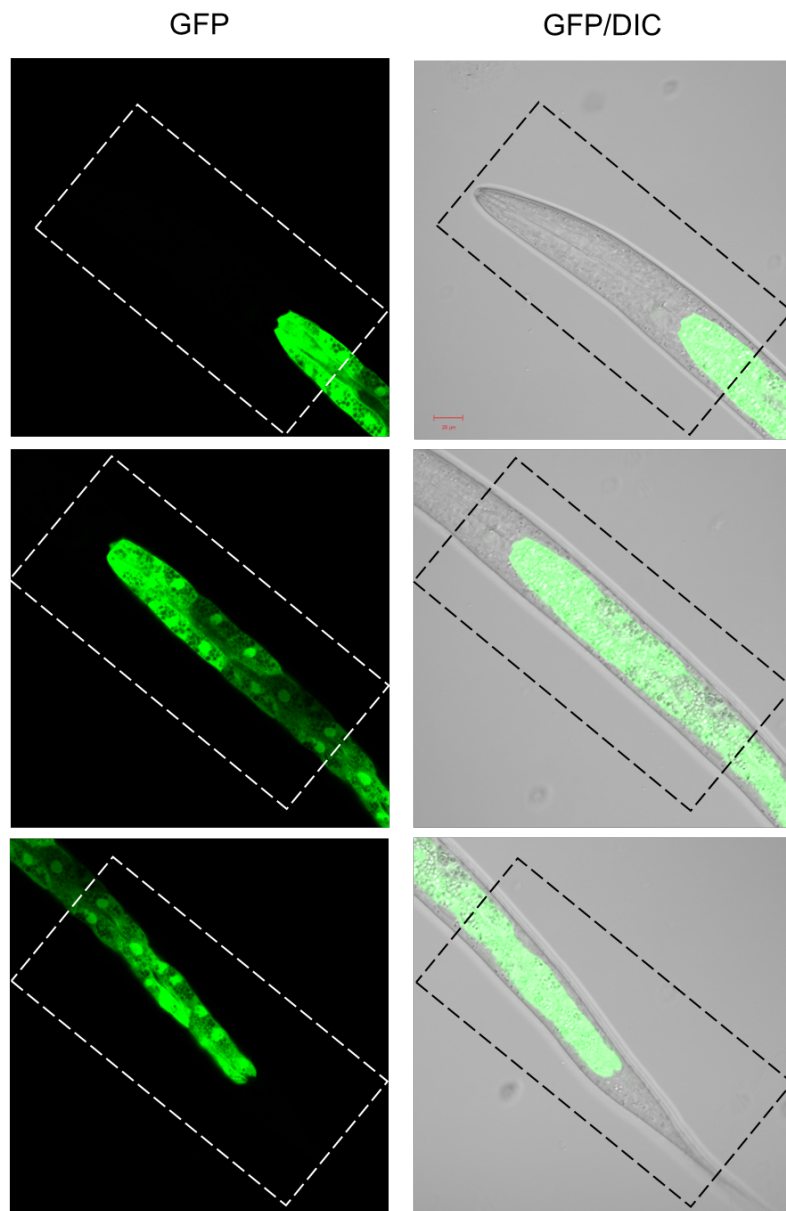
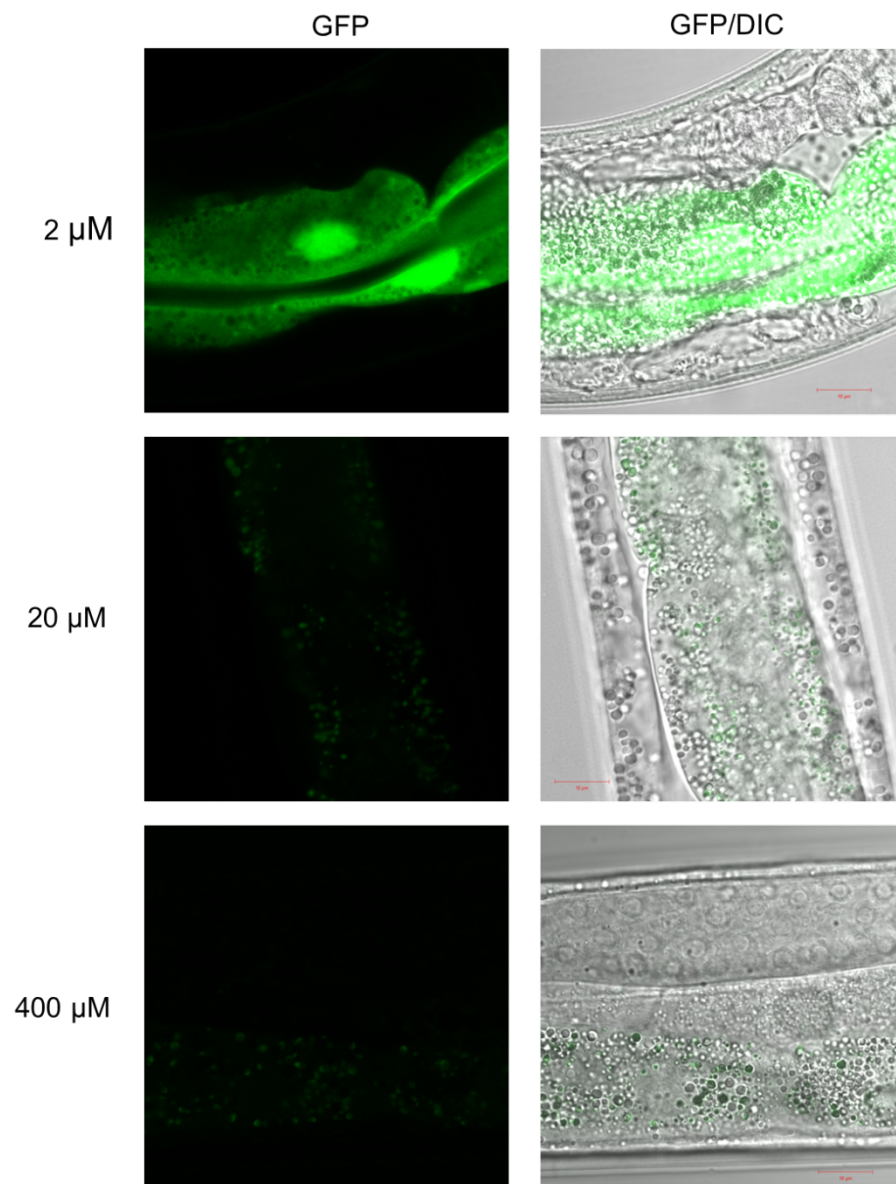


Additional Source Data for Figure 1:

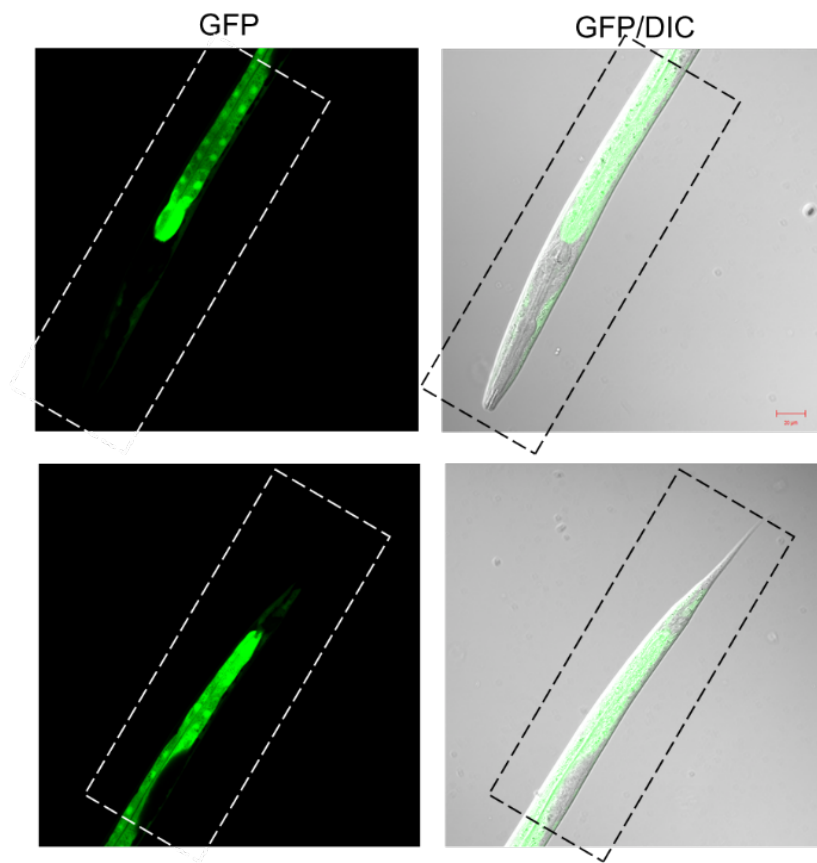
Related to Fig. 1d



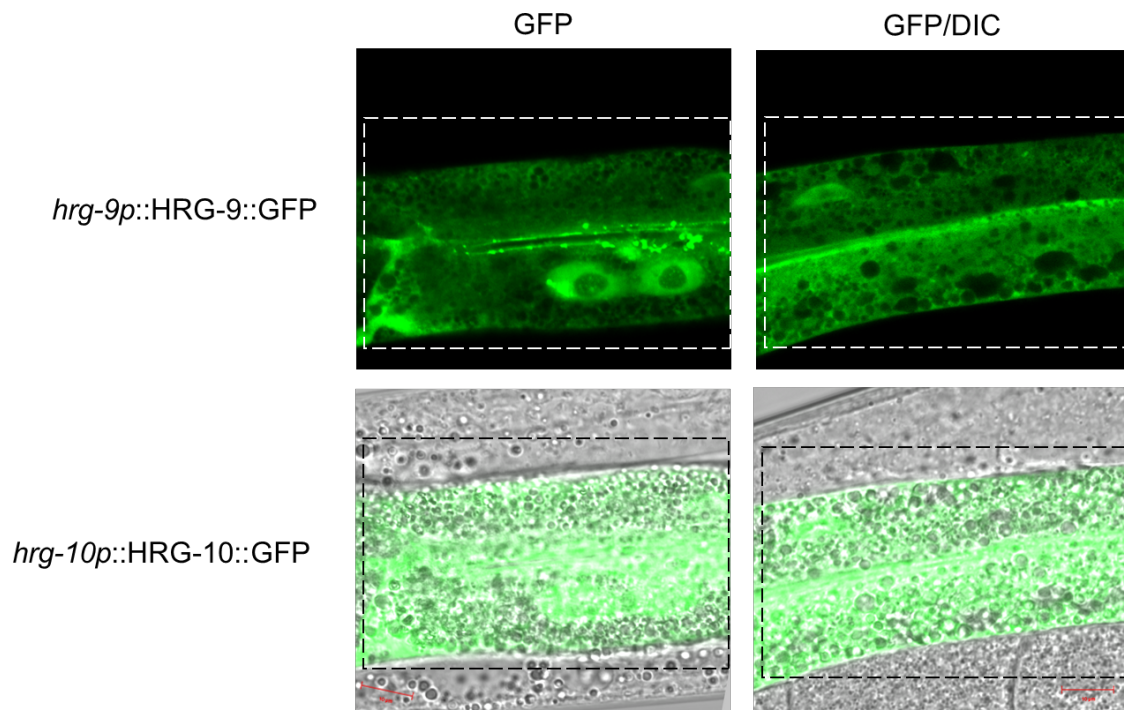
Related to Fig. 1e



Related to Fig. 1f

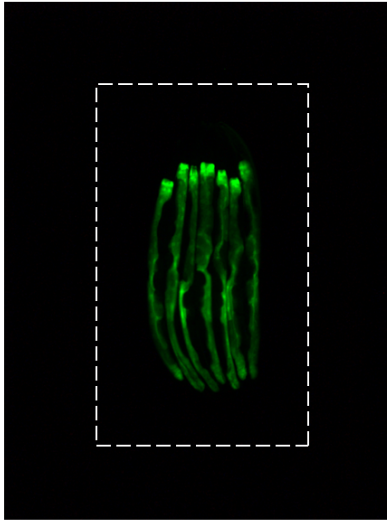


Related to Fig. 1g

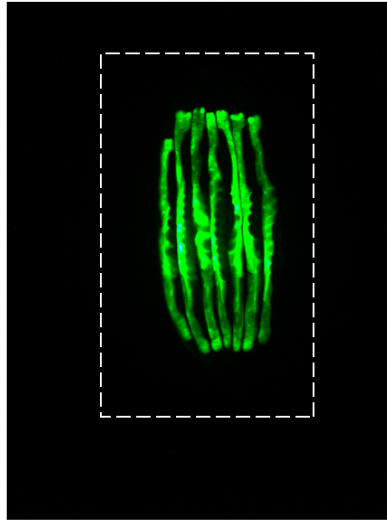


Related to Fig. 1h

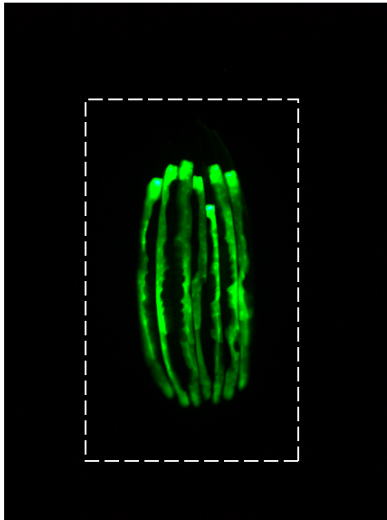
Control



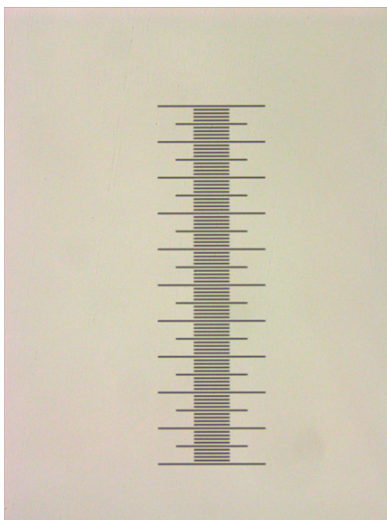
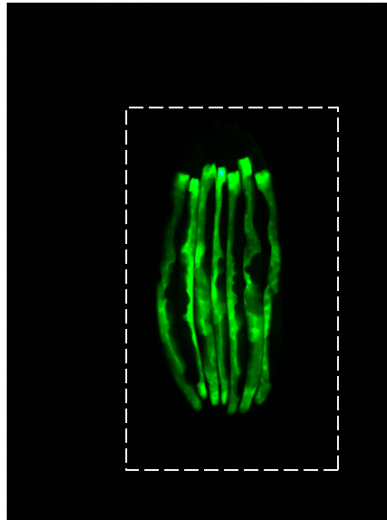
hrg-4 RNAi



hrg-9 RNAi

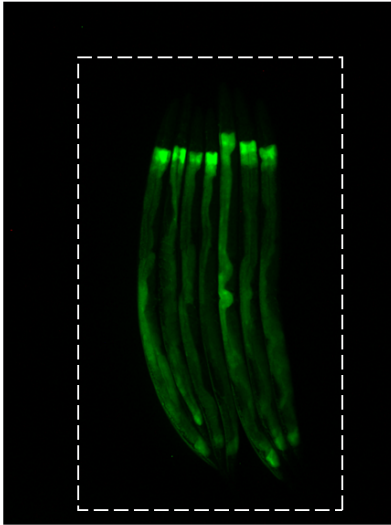


hrg-10 RNAi

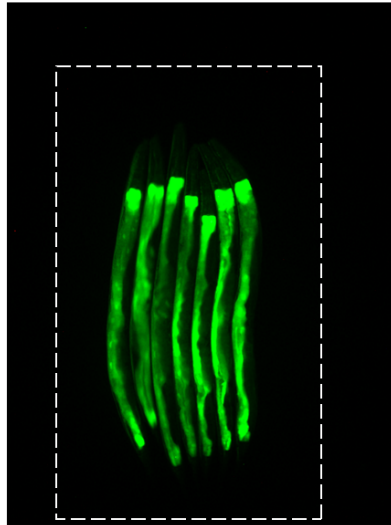


Related to Fig. 1j

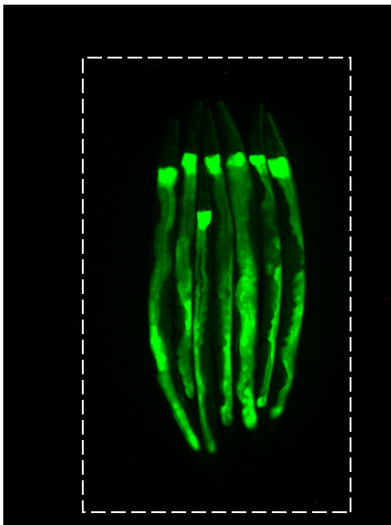
Wild type



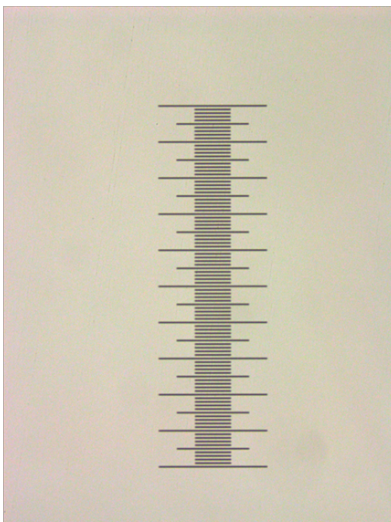
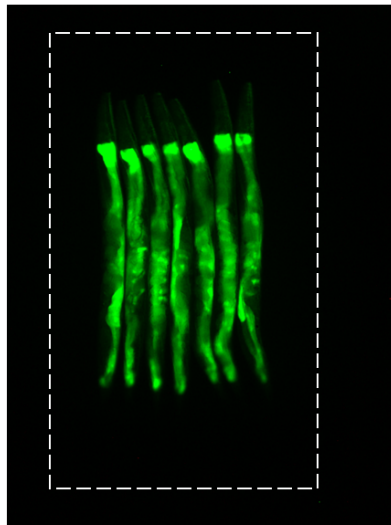
hrg-9



hrg-10



hrg-9;hrg-10

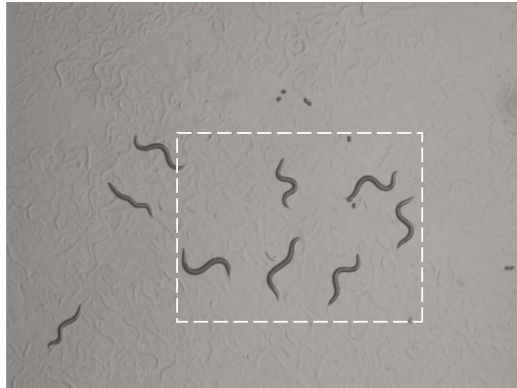


Related to Fig. 1m

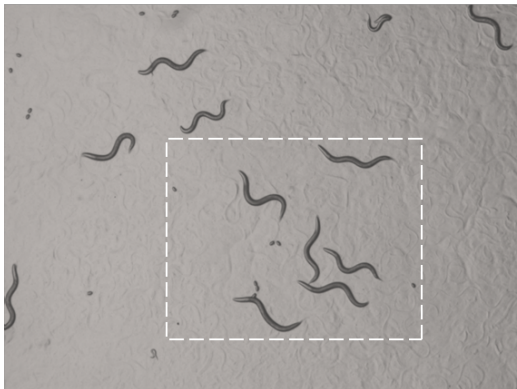
Wild type



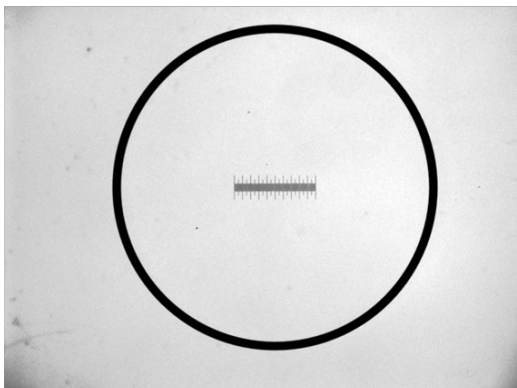
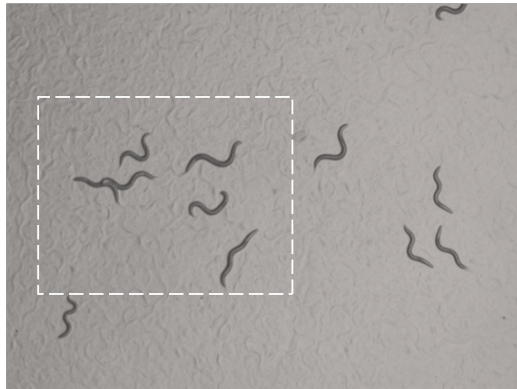
hrg-9



hrg-10



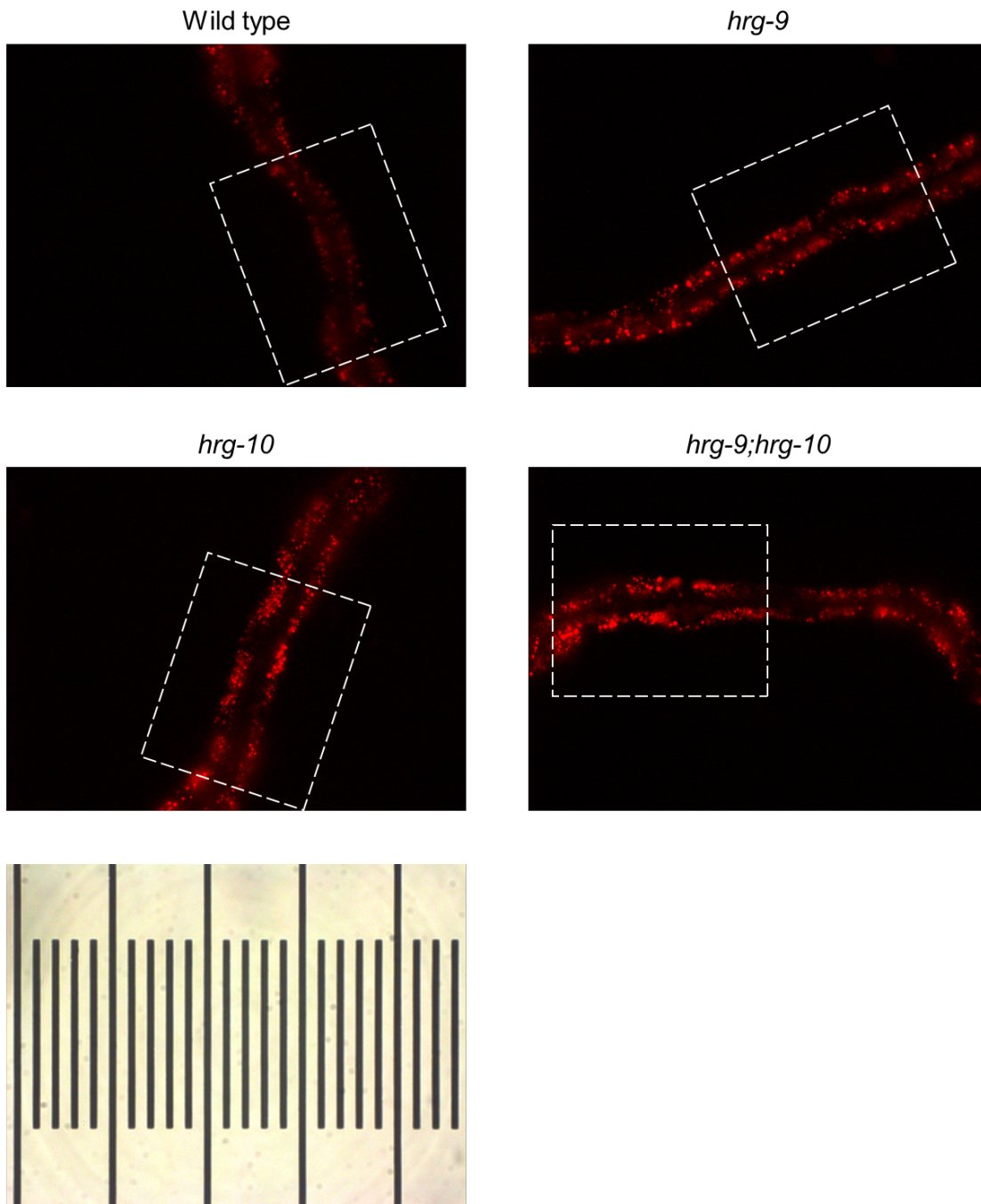
hrg-9;hrg-10



Scale (1 mm)

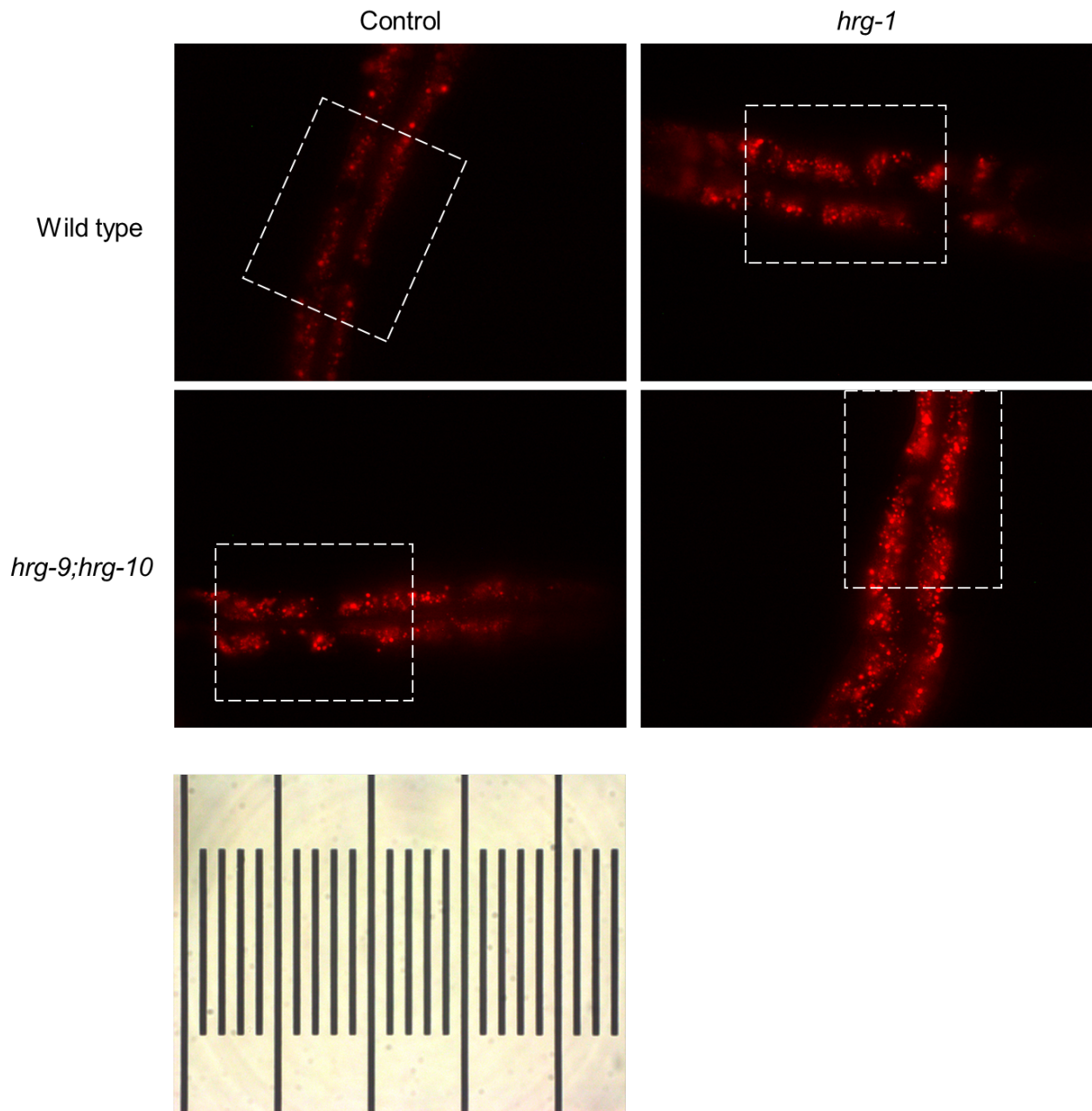
Additional Source Data for Figure 2:

Related to Fig. 2c



Scale (The distance between two small lines is 10 μm .)

Related to Fig. 2i

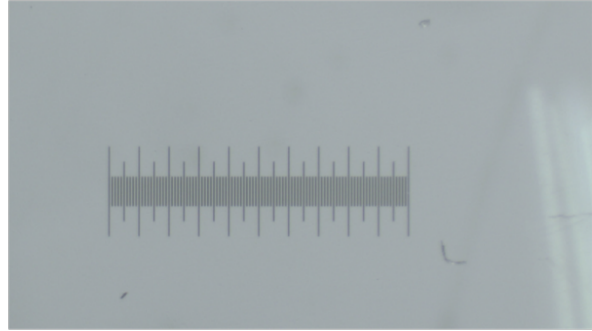
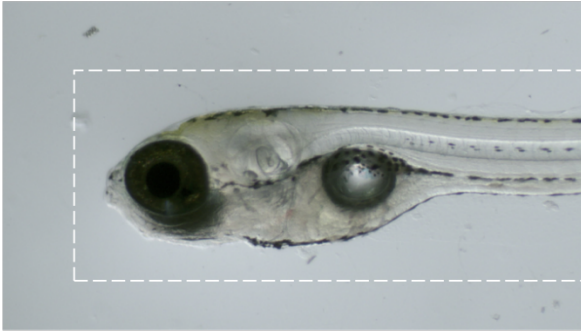


Scale (The distance between two small lines is 10 μm .)

Additional Source Data for Figure 4:

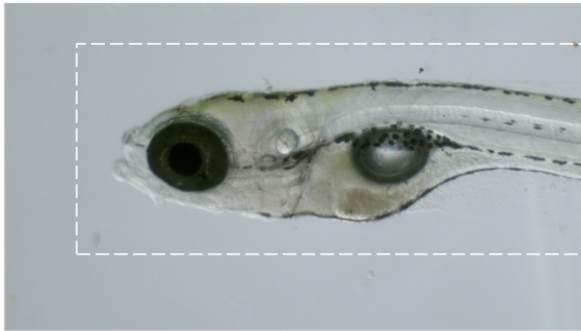
Related to Fig. 4f

Wild type

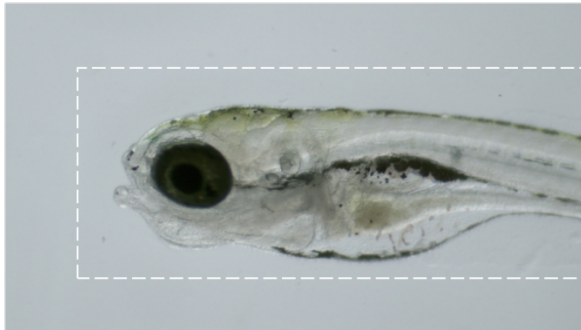


Scale (The distance between two small lines is 10 μm.)

tango2^{-/-} (premorbid)

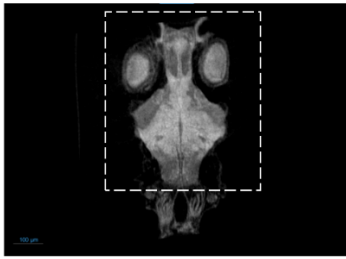


tango2^{-/-} (morbid)

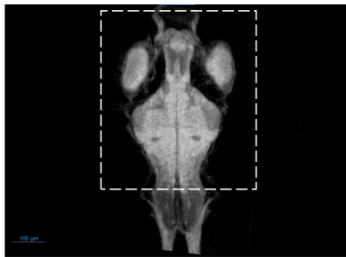


Related to Fig. 4h

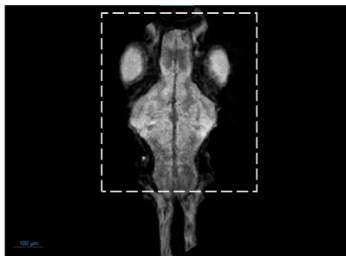
Wild type



tango2^{-/-} (premorbid)

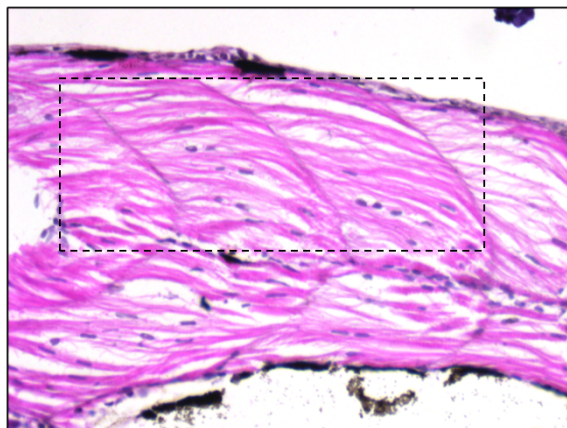


tango2^{-/-} (morbid)

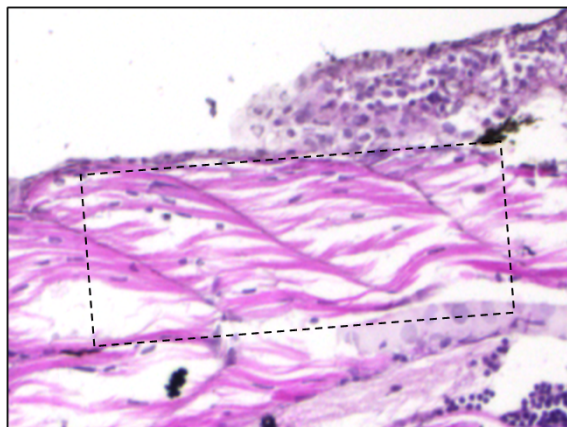


Related to Fig. 4j

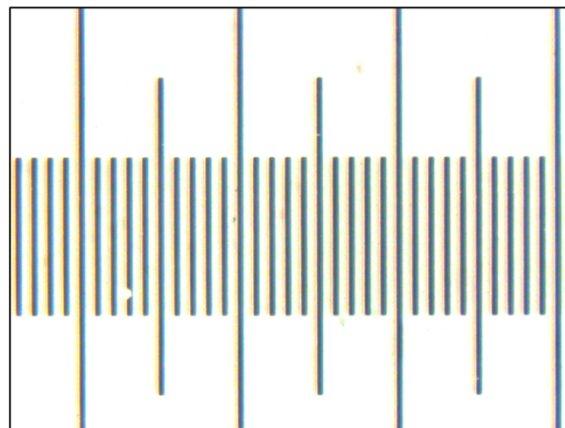
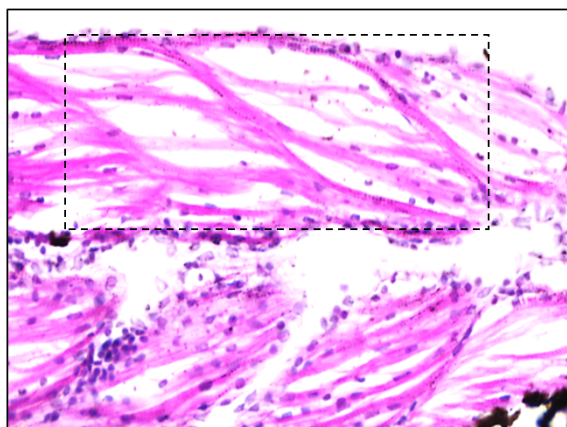
Wild type



tango2^{-/-} (premorbid)



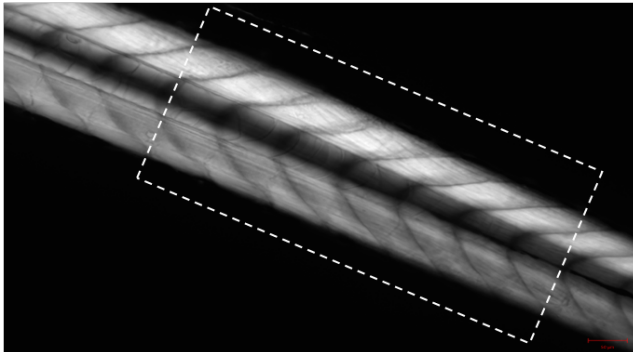
tango2^{-/-} (morbid)



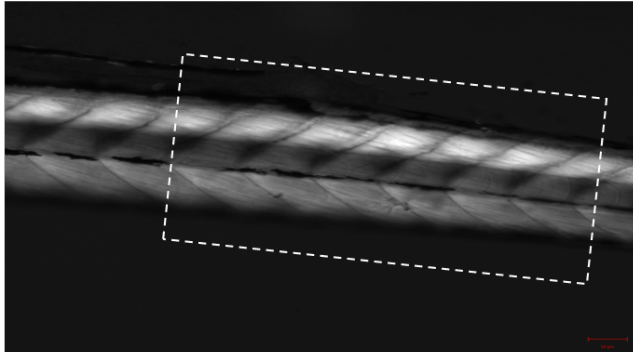
Scale (The distance between two small lines is 10 μ m.)

Related to Fig. 4k

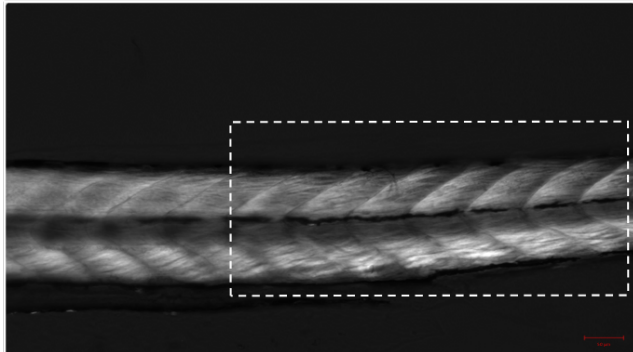
Wild type



tango2^{-/-} (premorbid)

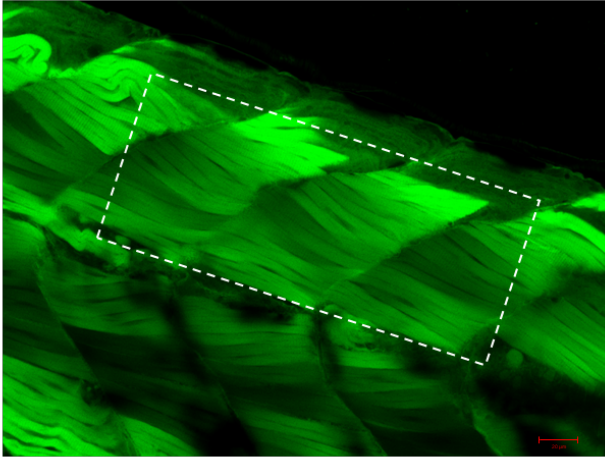


tango2^{-/-} (morbid)

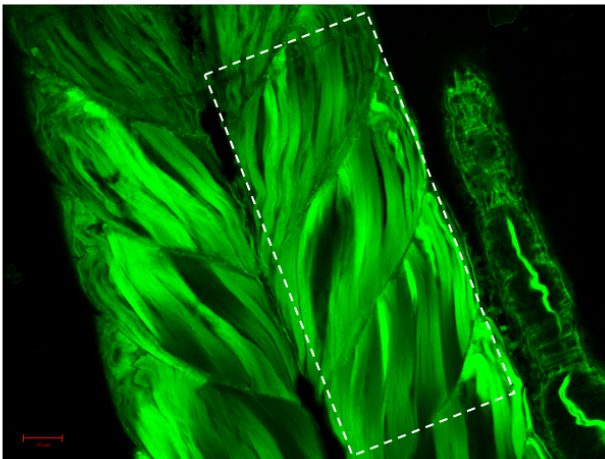


Related to Fig. 4l

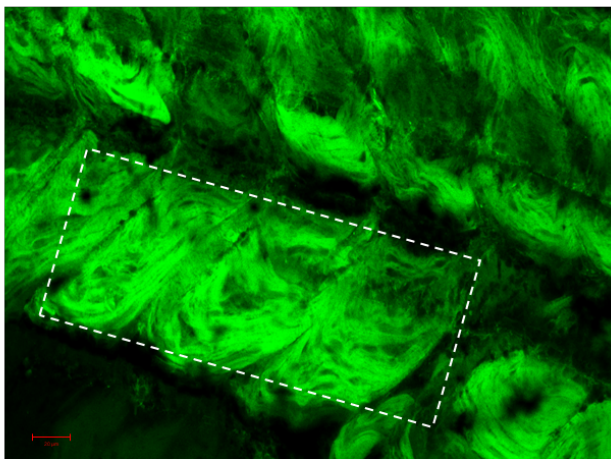
Wild type



tango2^{-/-} (premorbid)

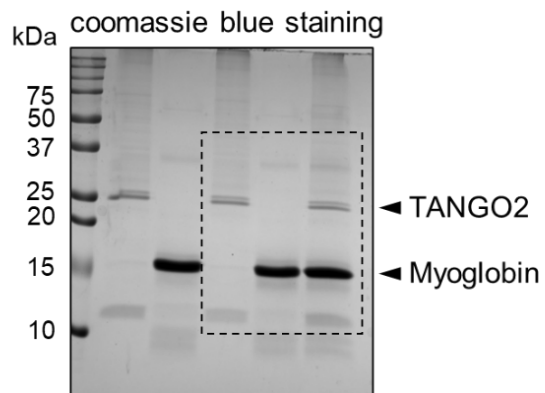
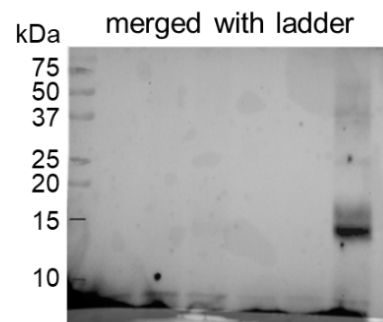
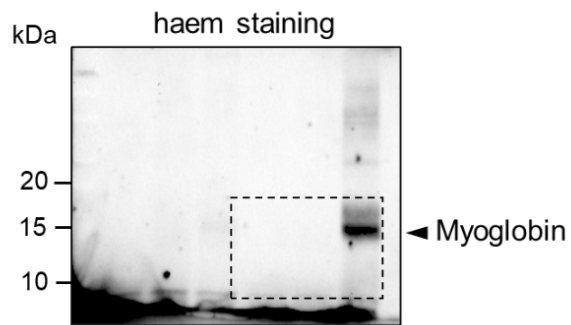


tango2^{-/-} (morbid)

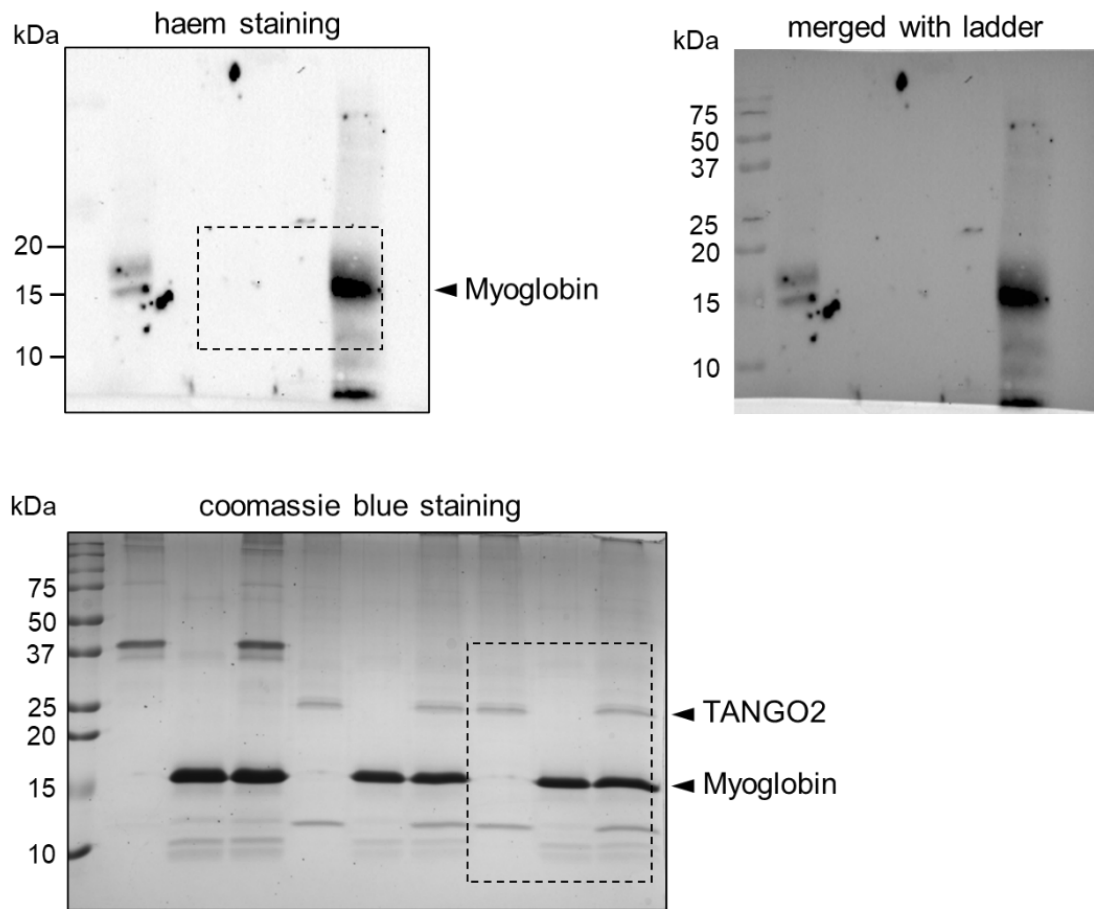


Additional Source Data for Figure 5:

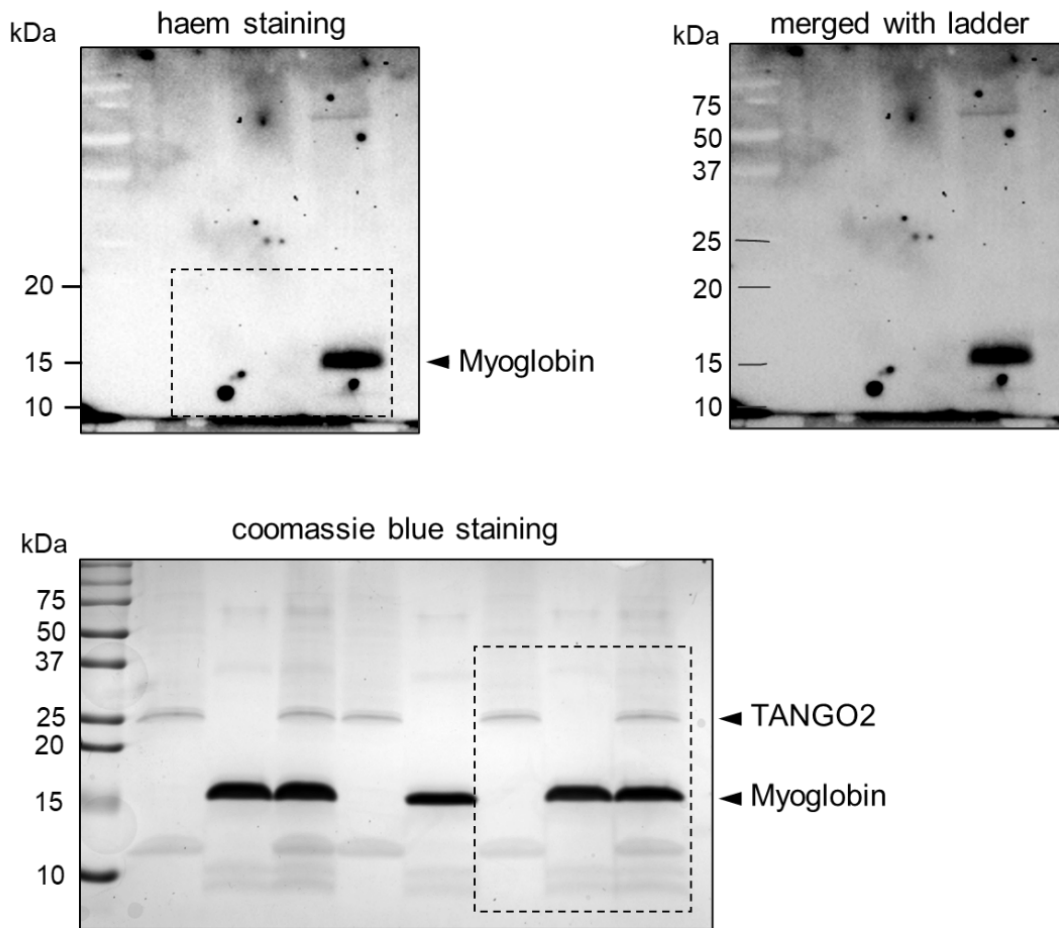
Related to Fig. 5a



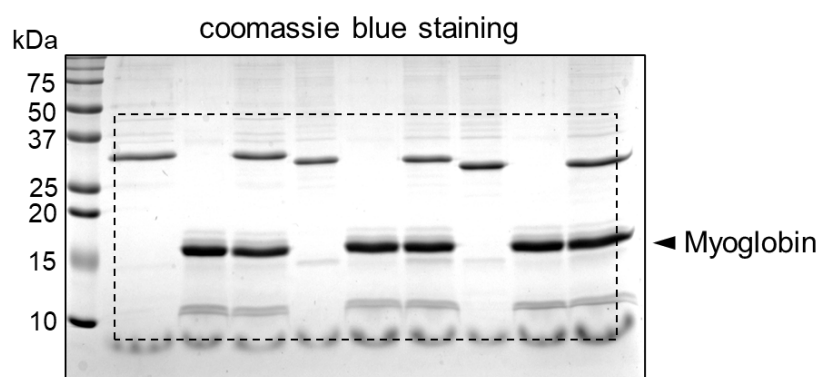
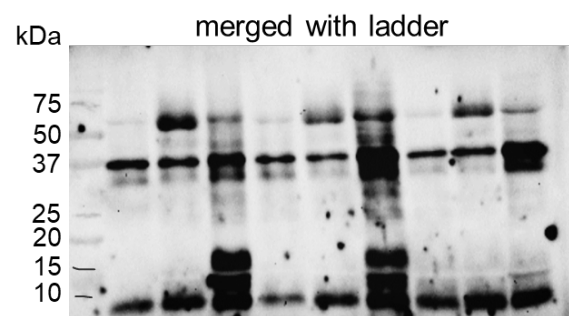
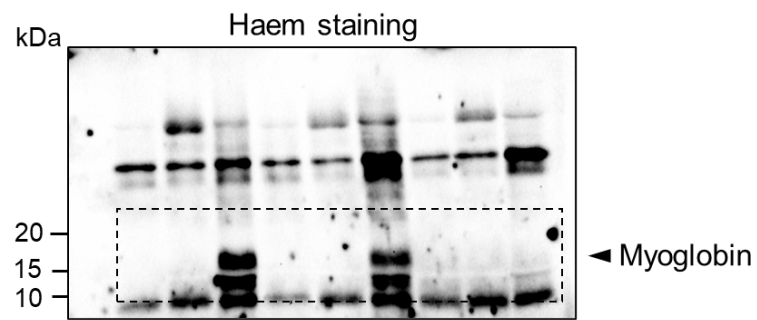
Related to Fig. 5b



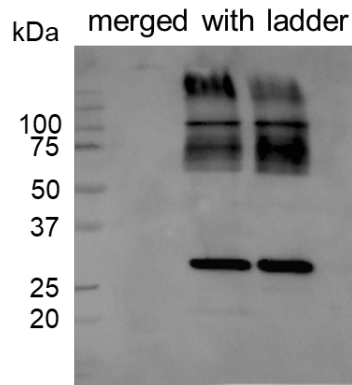
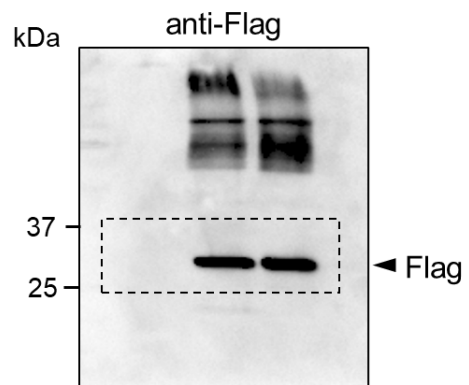
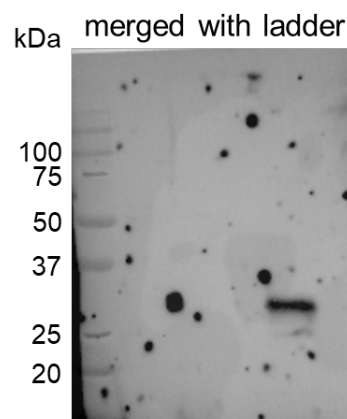
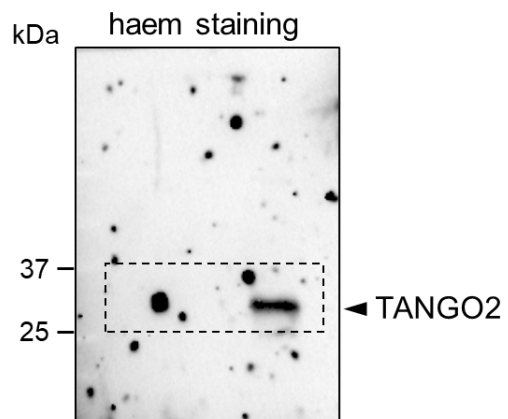
Related to Fig. 5c



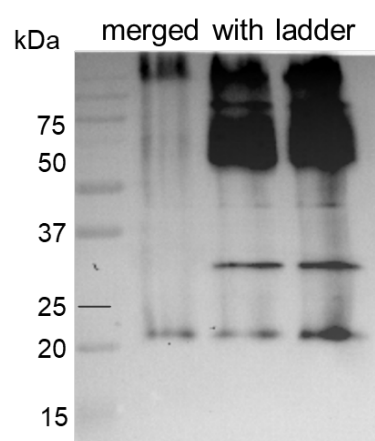
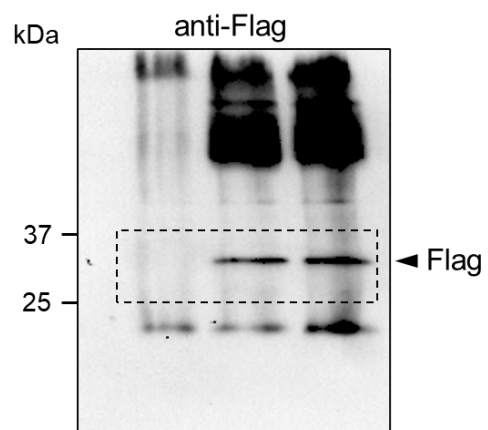
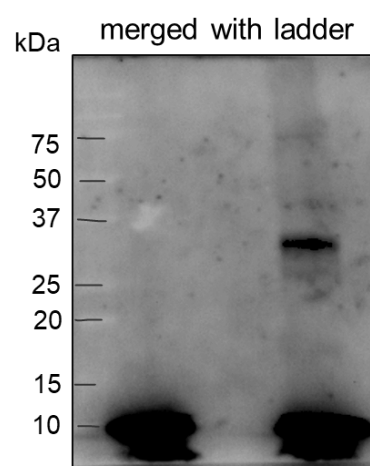
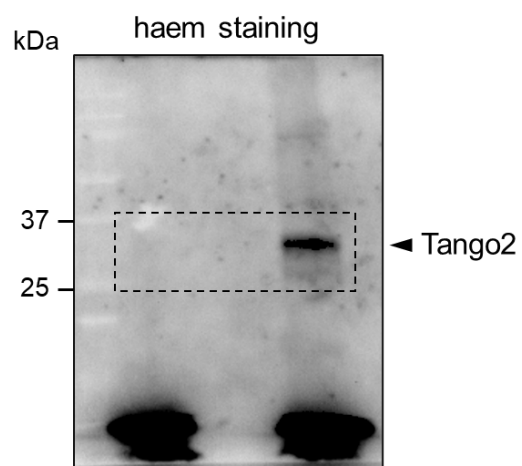
Related to Fig. 5e



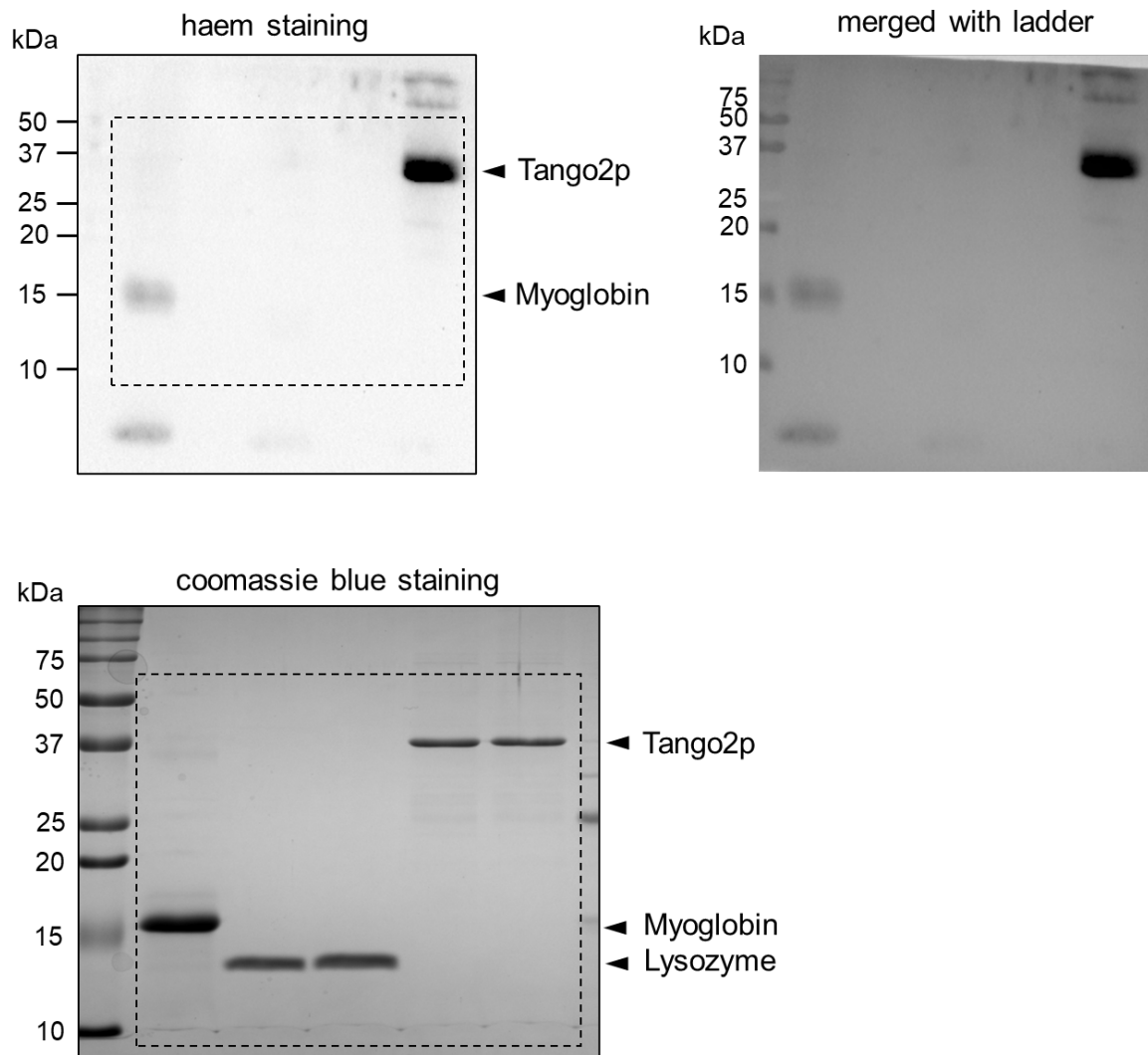
Related to Fig. 5f



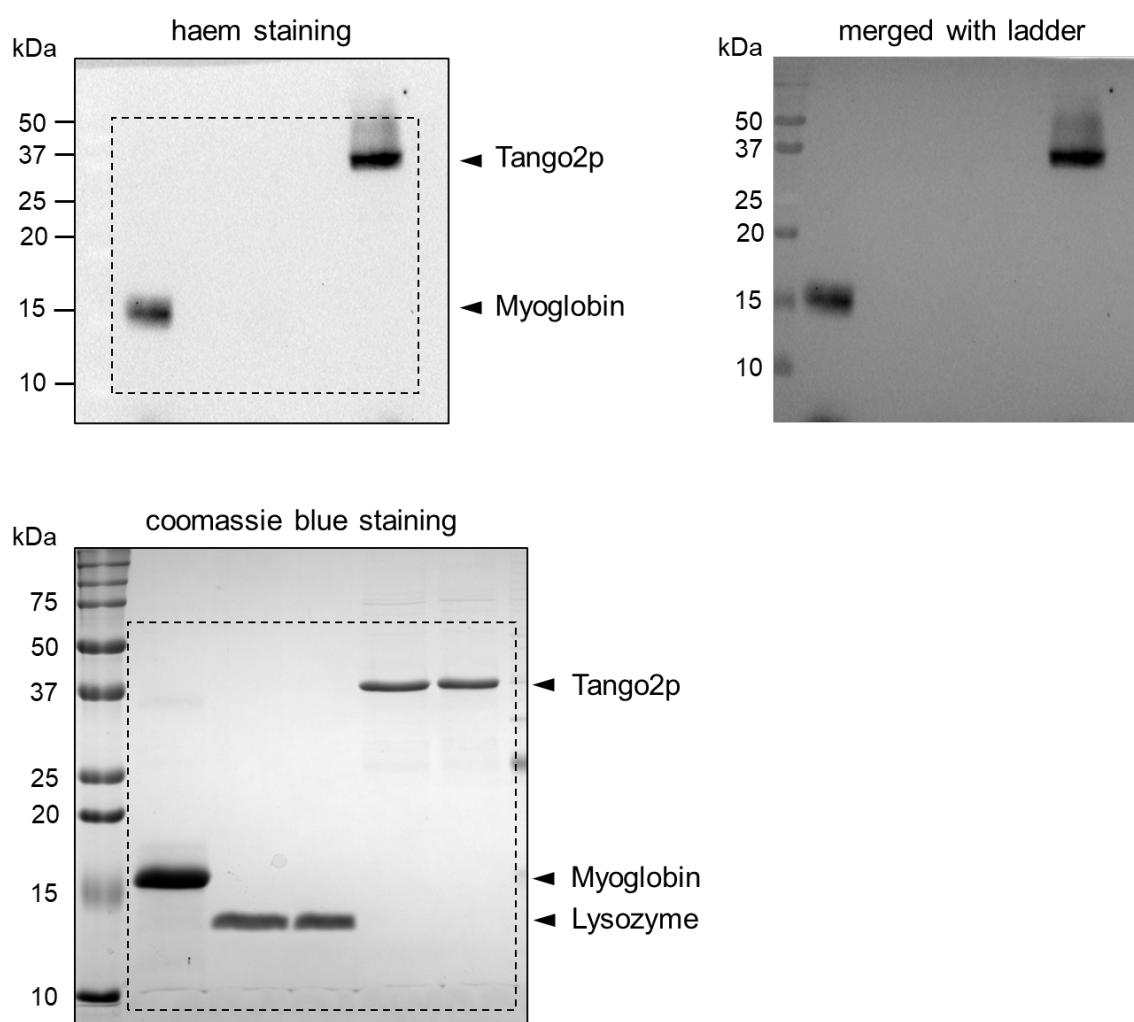
Related to Fig. 5g



Related to Fig. 5h

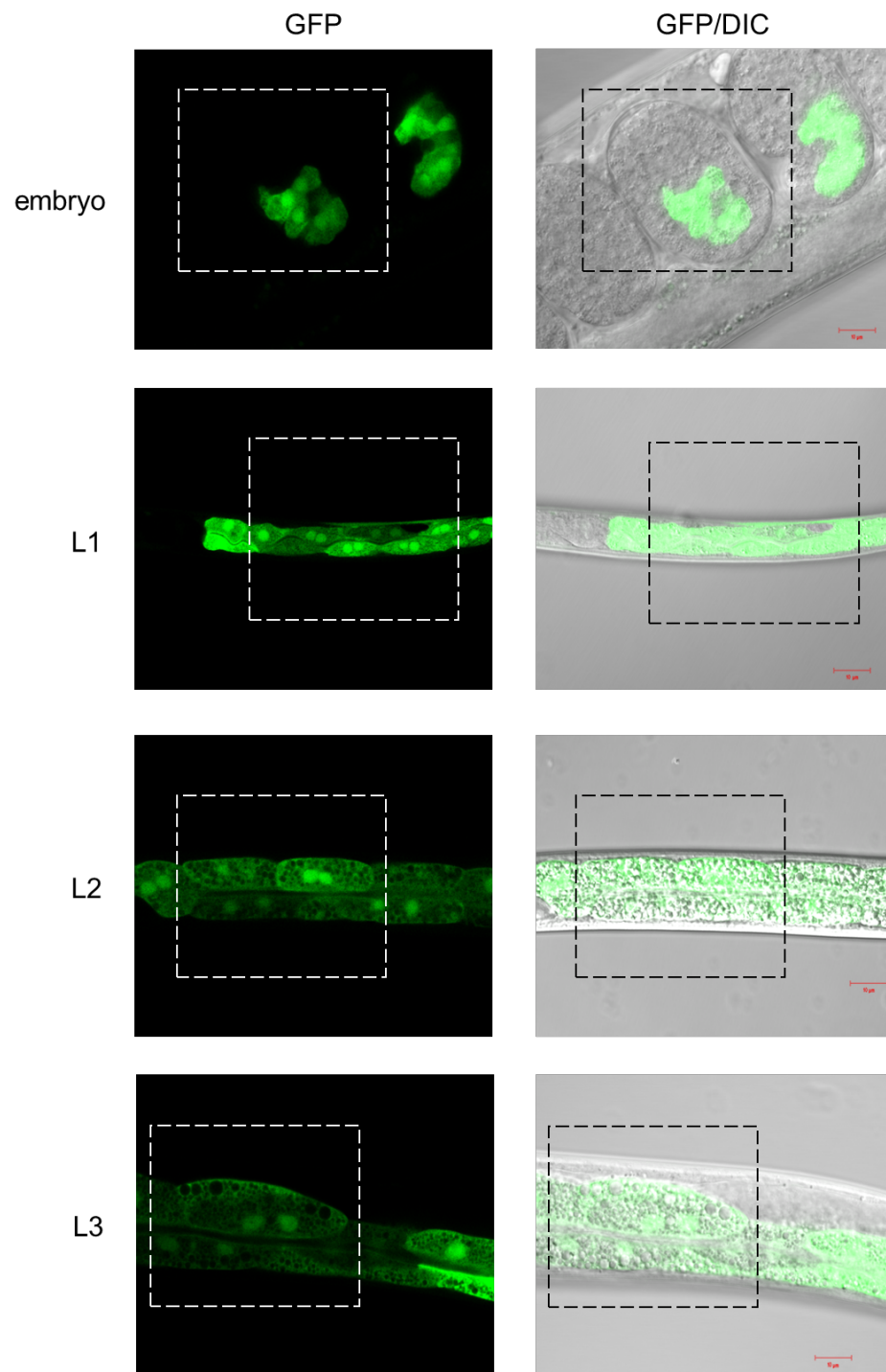


Related to Fig. 5i

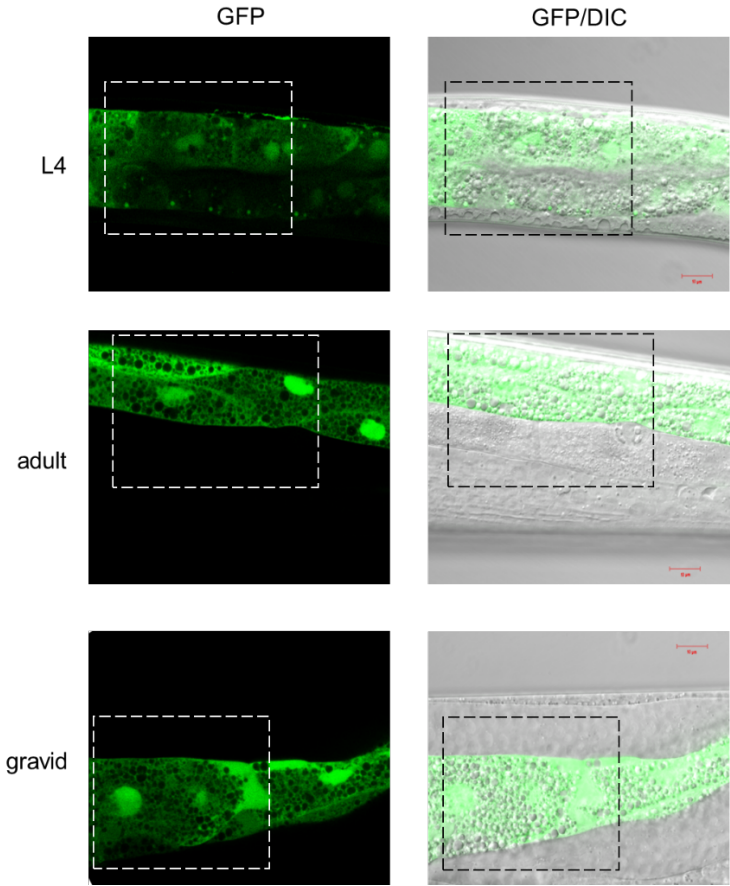


Additional Source Data for Extended Data Figure 1:

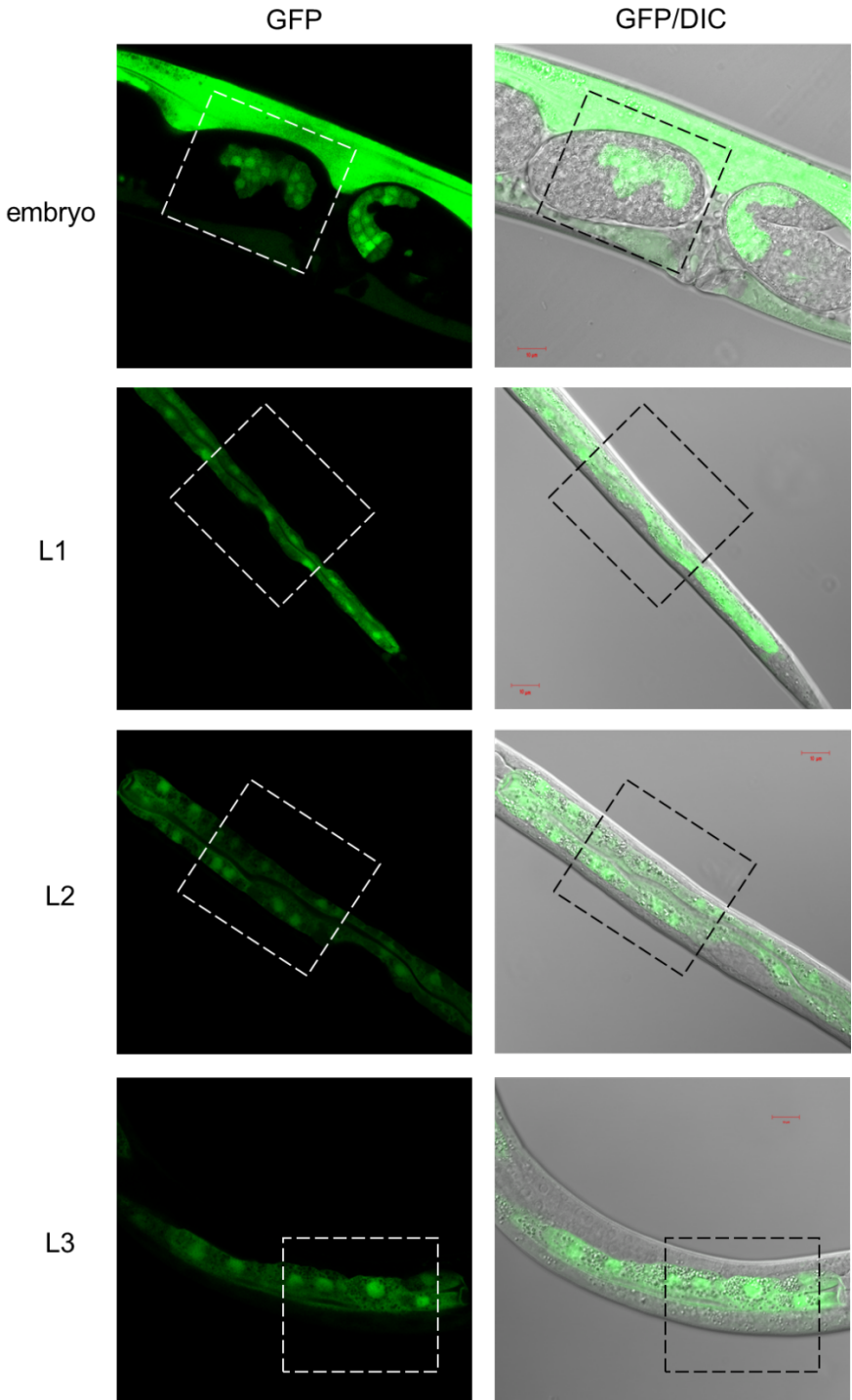
Related to Extended Data Fig. 1b



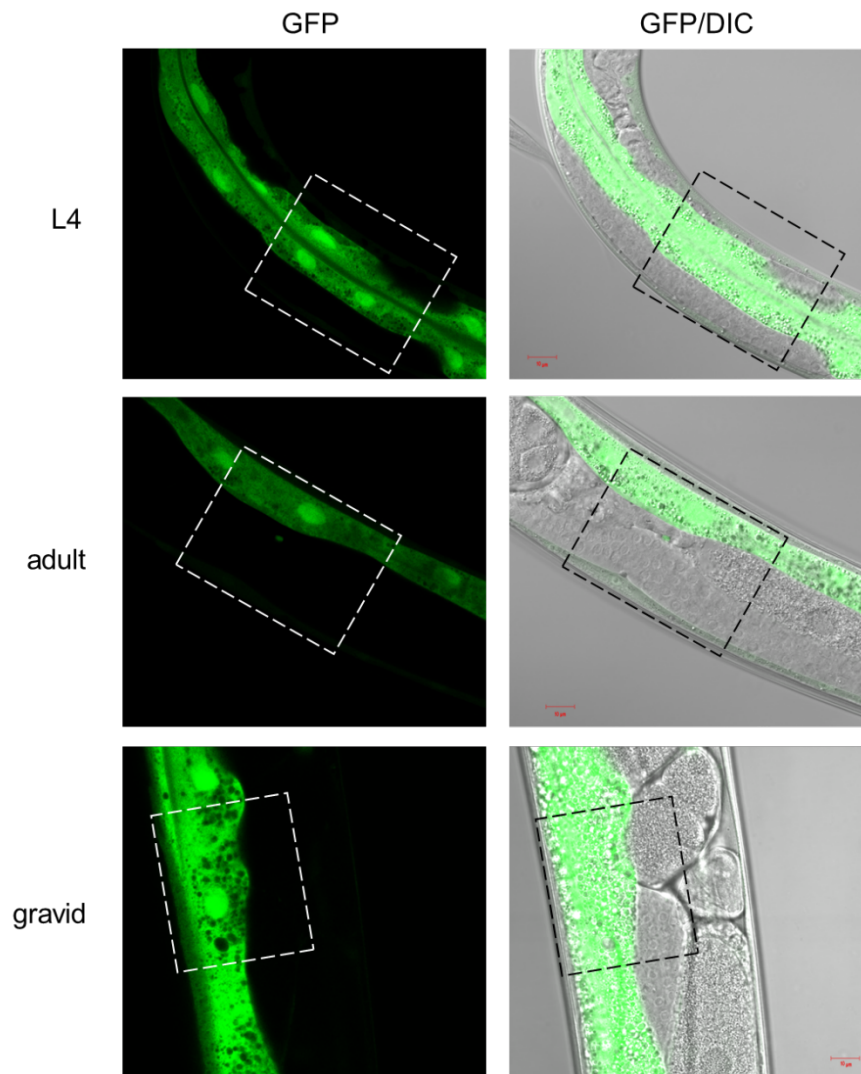
Related to Extended Data Fig. 1b (continued)



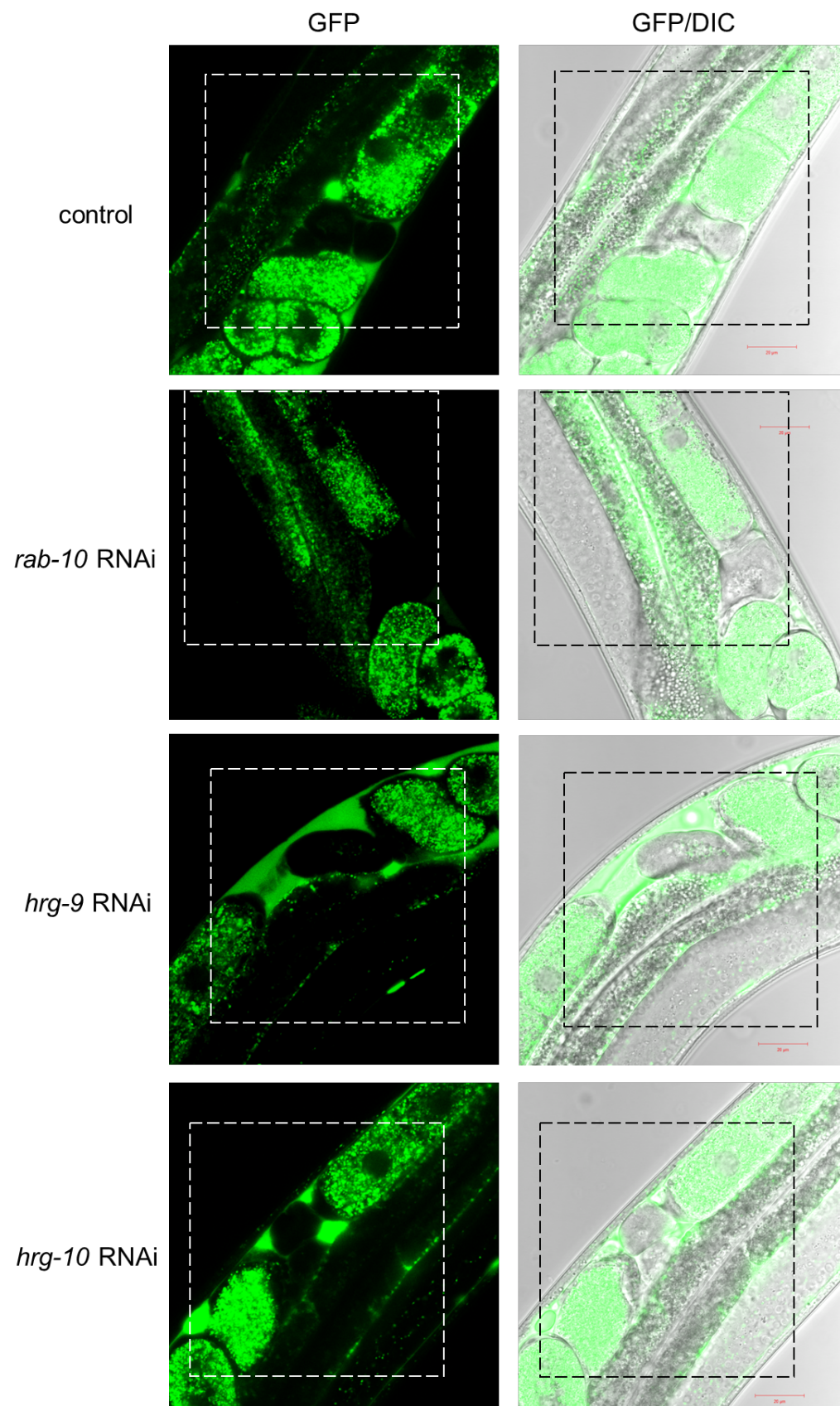
Related to Extended Data Fig. 1c



Related to Extended Data Fig. 1c (continued)

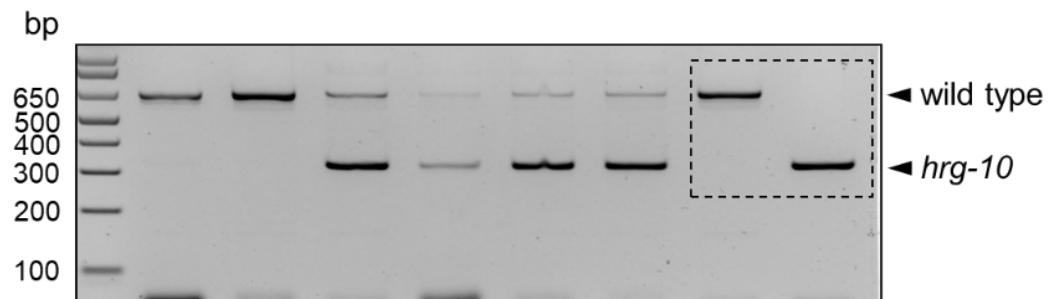
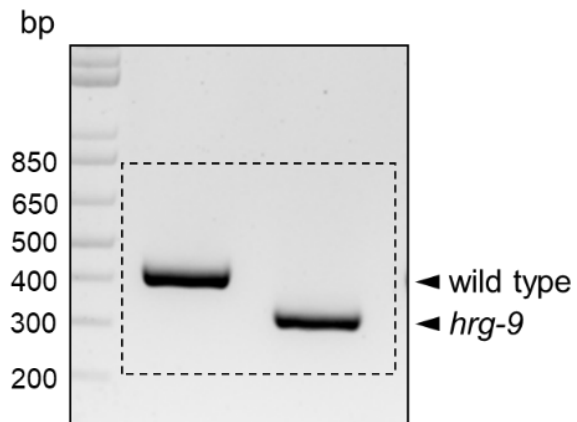


Related to Extended Data Fig. 1d



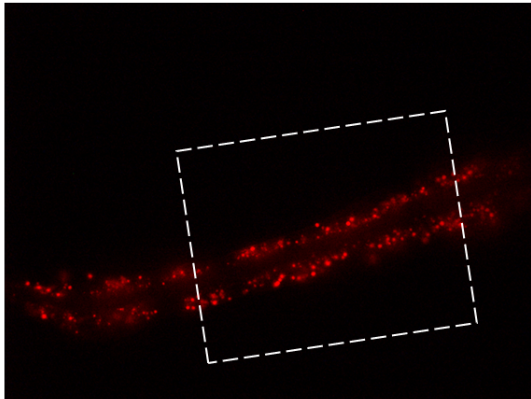
Additional Source Data for Extended Data Figure 2:

Related to Extended Data Fig. 2a

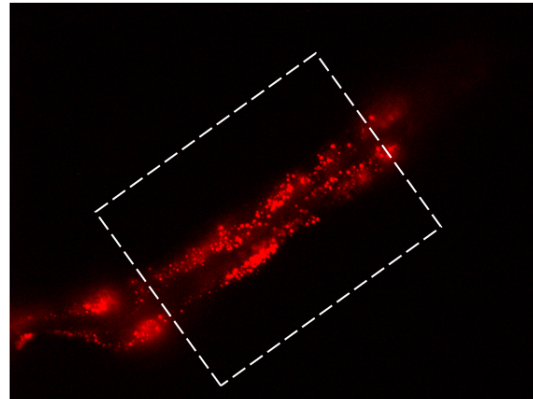


Related to Extended Data Fig. 2d

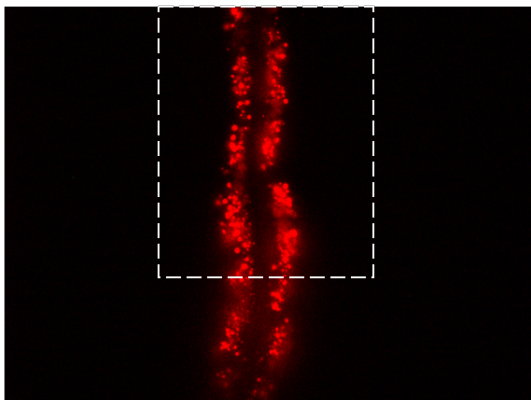
control



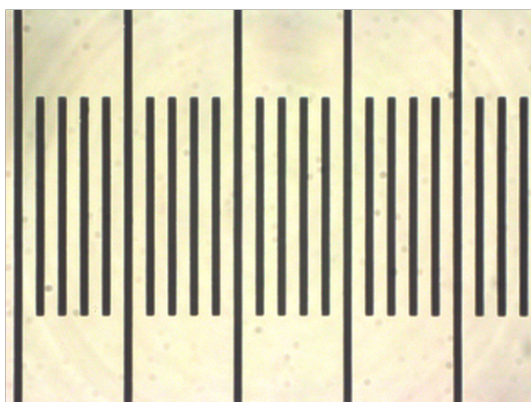
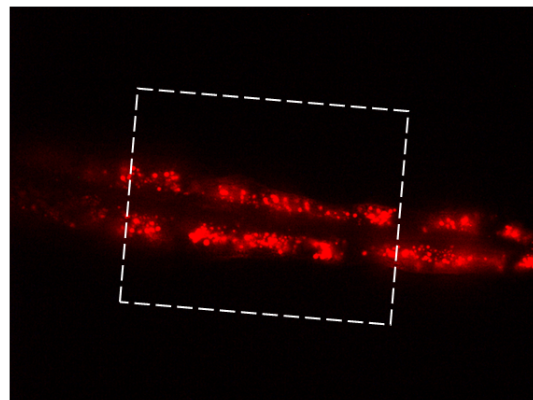
mrp-5 RNAi



hrg-9 RNAi

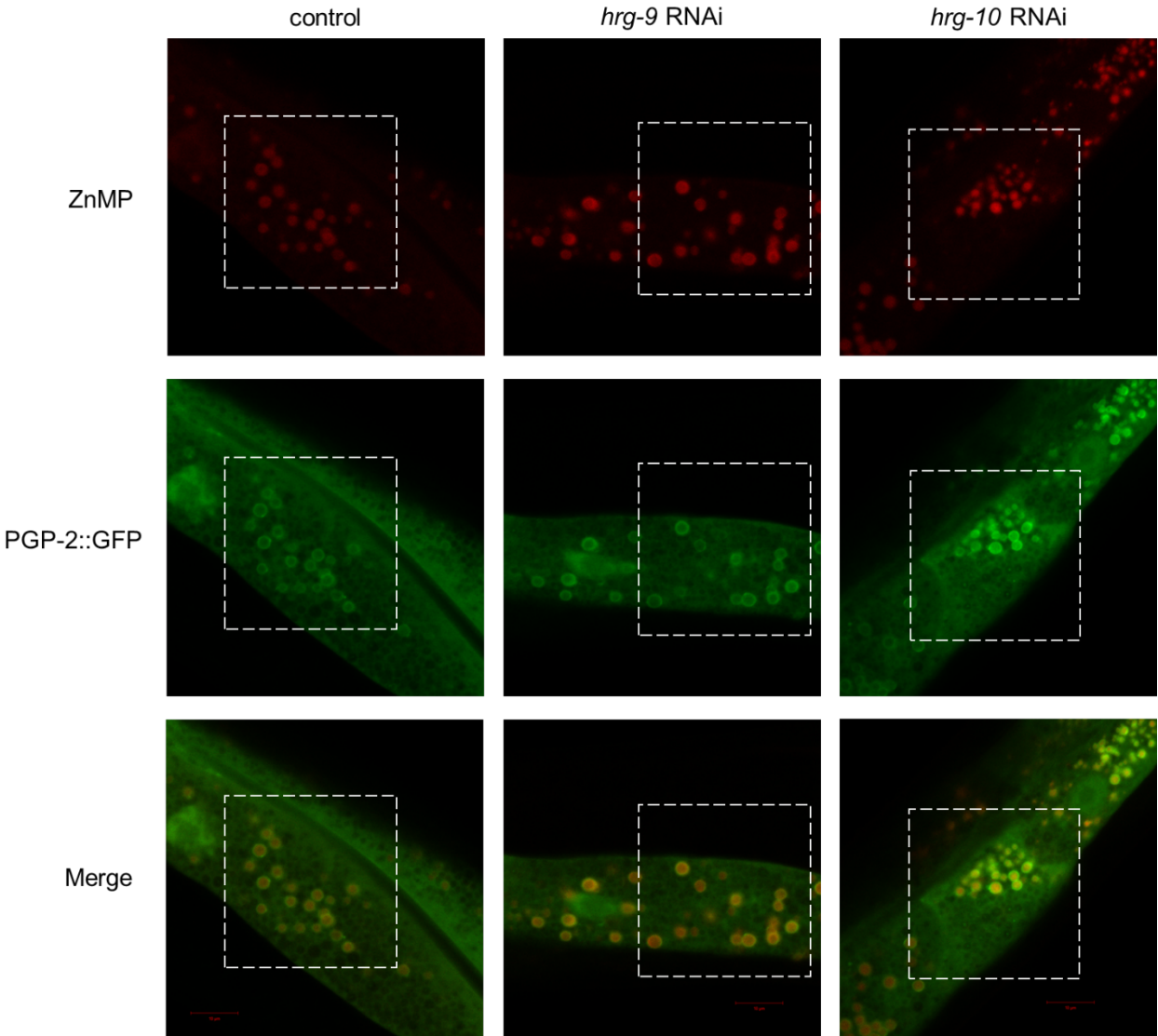


hrg-10 RNAi



Scale (The distance between two small lines is 10 μ m.)

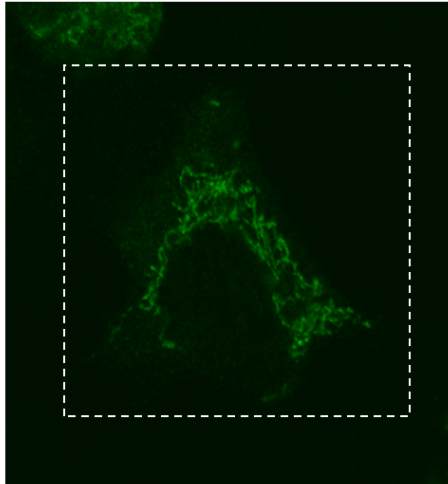
Related to Extended Data Fig. 2h



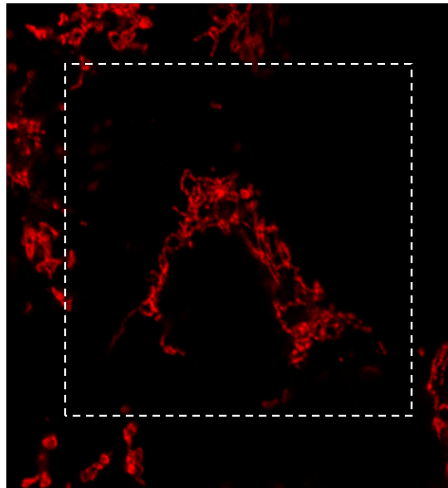
Additional Source Data for Extended Data Figure 3:

Related to Extended Data Fig. 3e

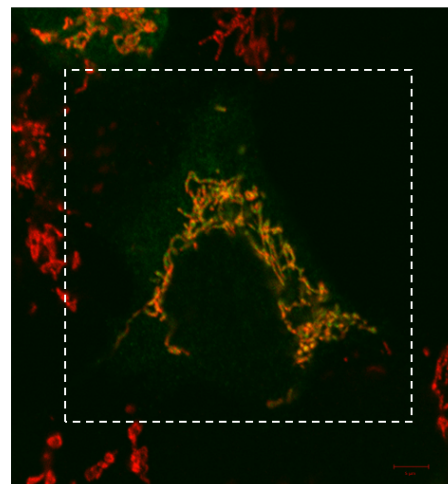
TANGO2-FLAG



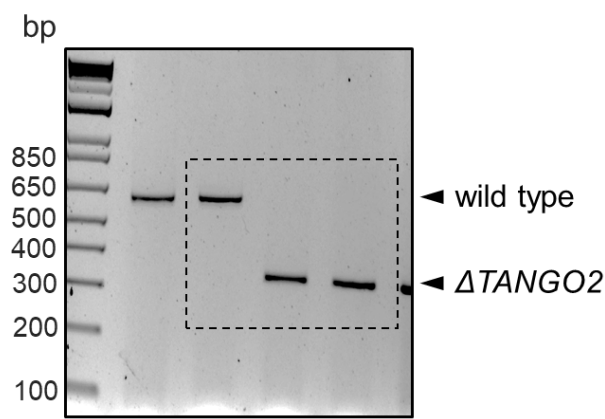
COX IV



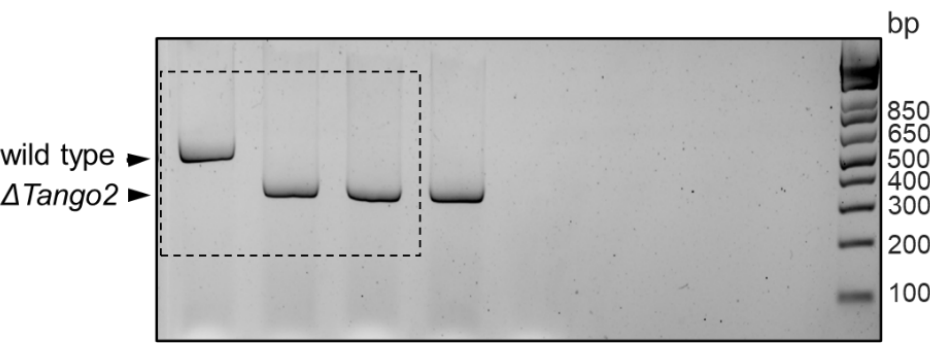
Merge



Related to Extended Data Fig. 3g

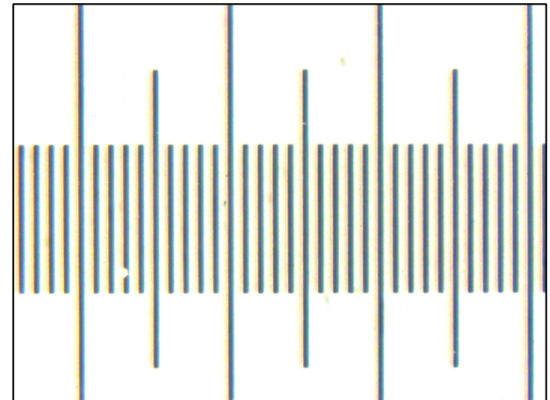
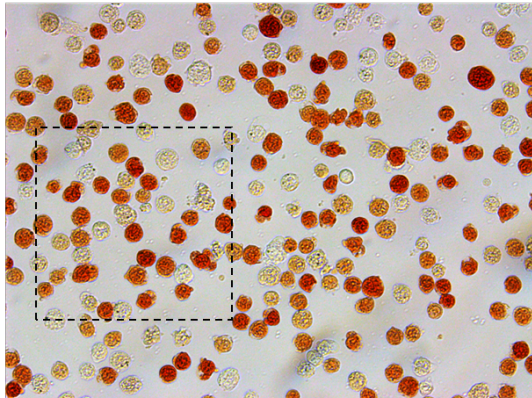


Related to Extended Data Fig. 3j



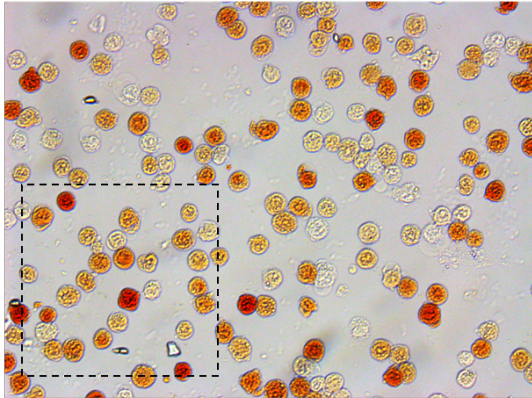
Related to Extended Data Fig. 3I

wild type

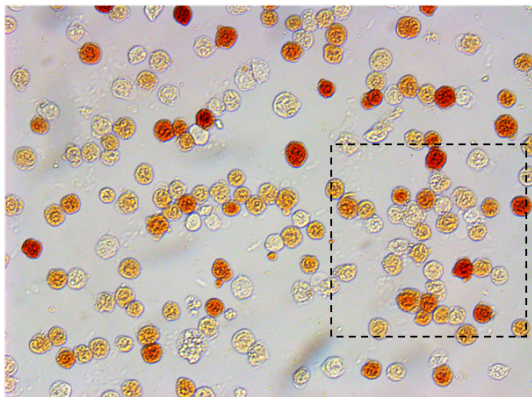


Scale (The distance between two small lines is 10 μm .)

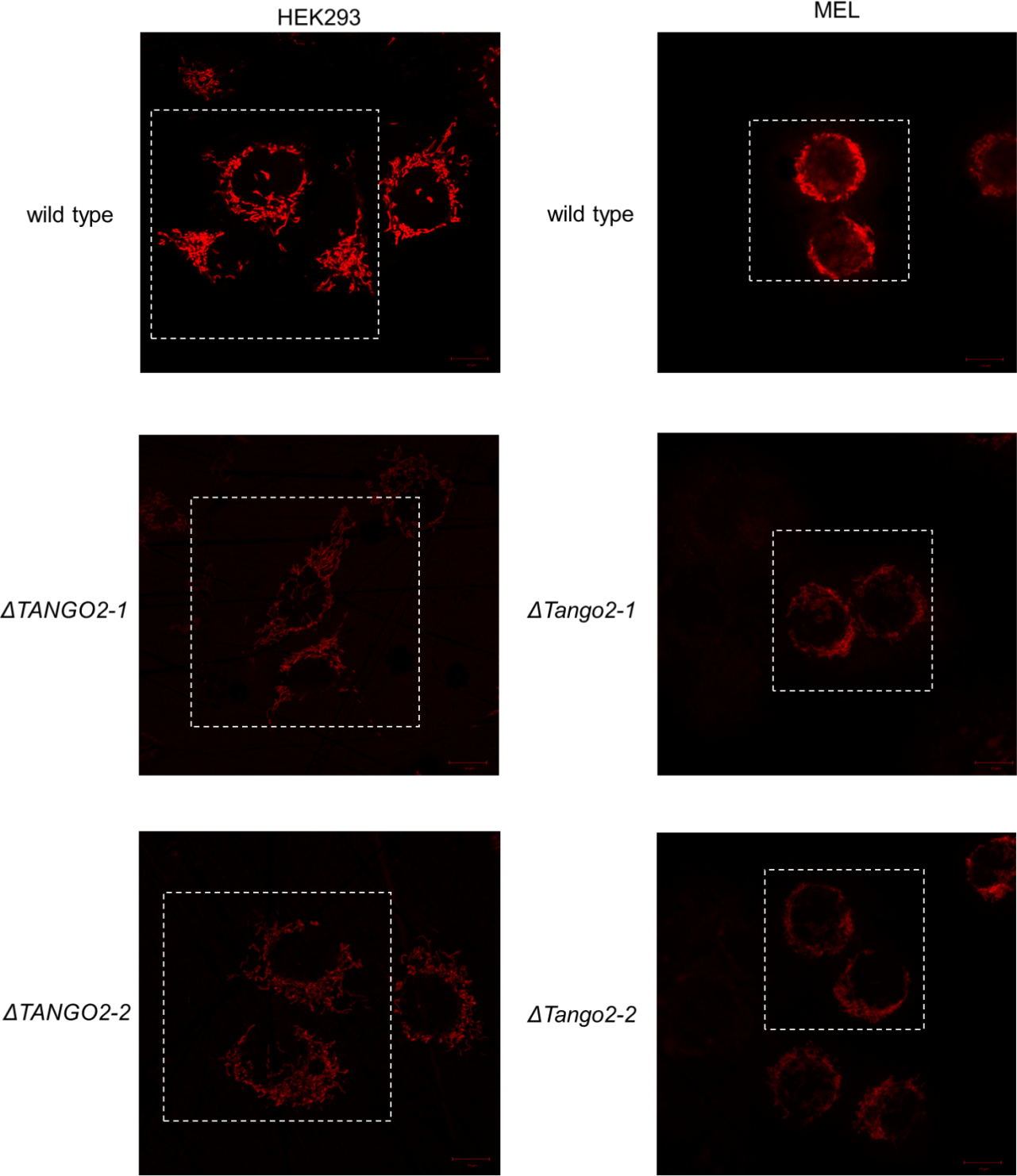
$\Delta\text{Tango2-1}$



$\Delta\text{Tango2-2}$

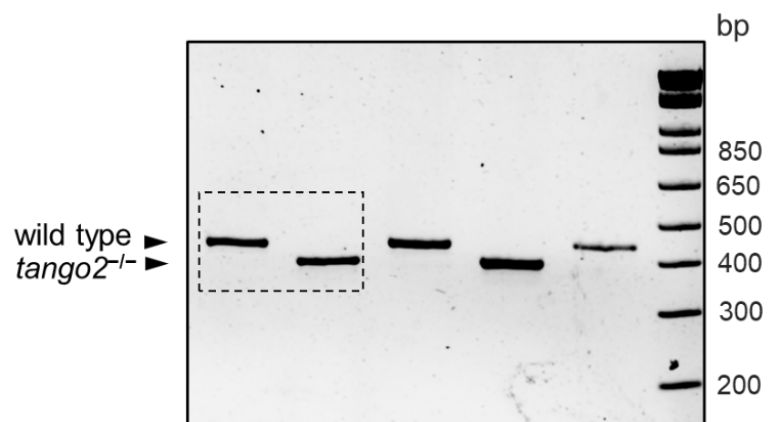


Related to Extended Data Fig. 3o

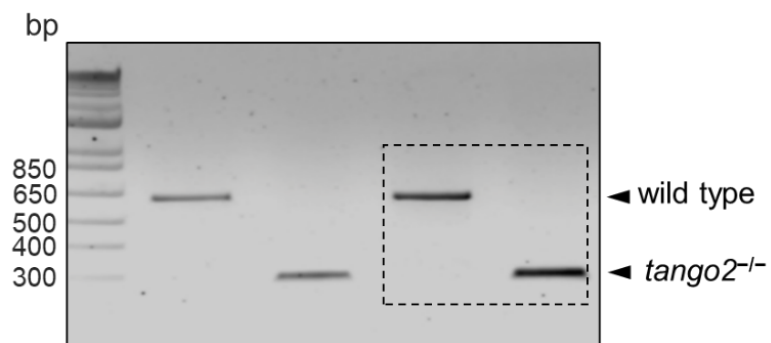


Additional Source Data for Extended Data Figure 4:

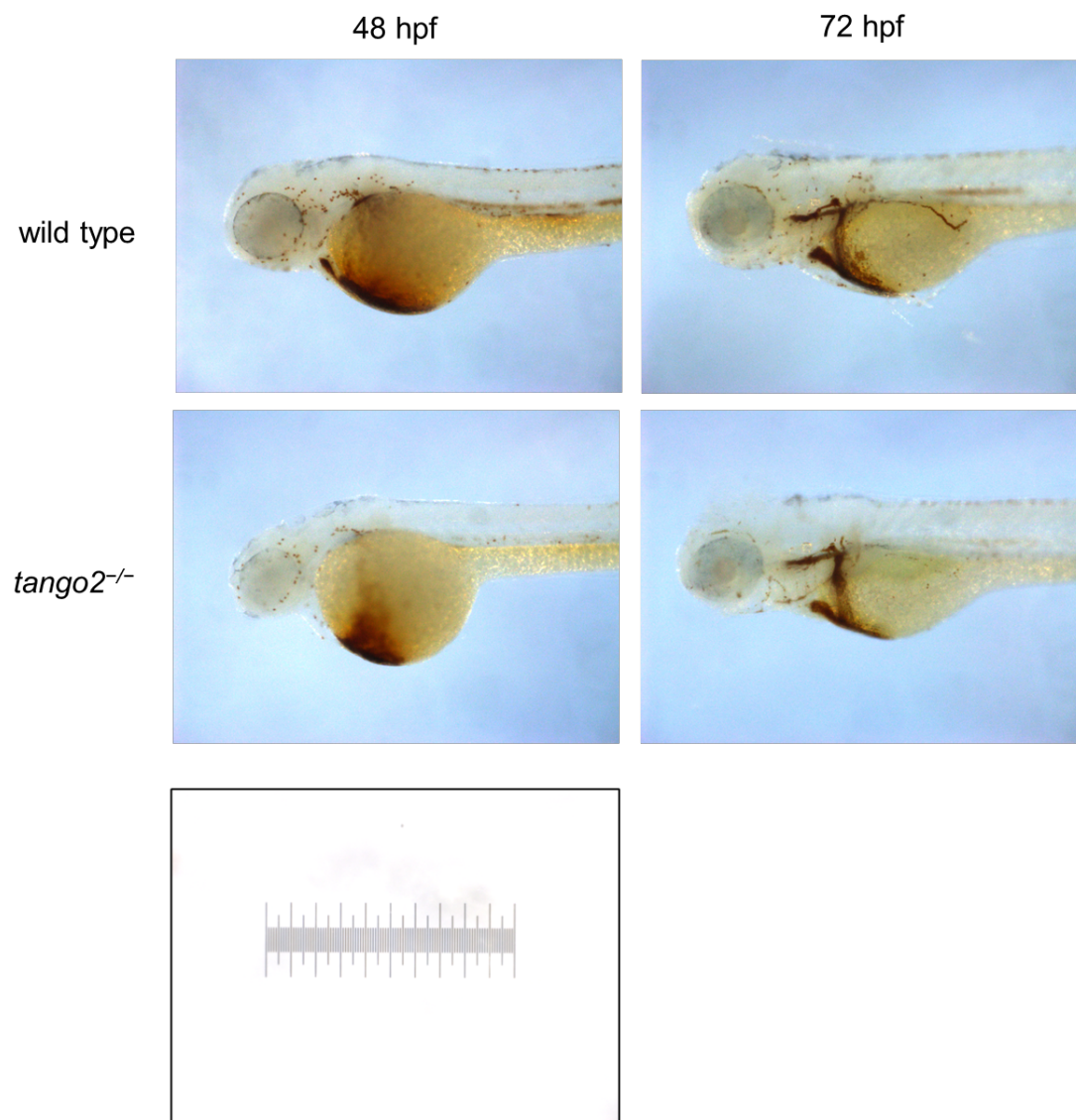
Related to Extended Data Fig. 4a



Related to Extended Data Fig. 4c



Related to Extended Data Fig. 4f



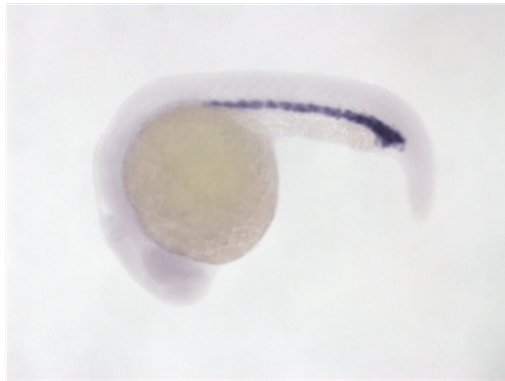
Scale (The distance between two small lines is 10 μm .)

Related to Extended Data Fig. 4h

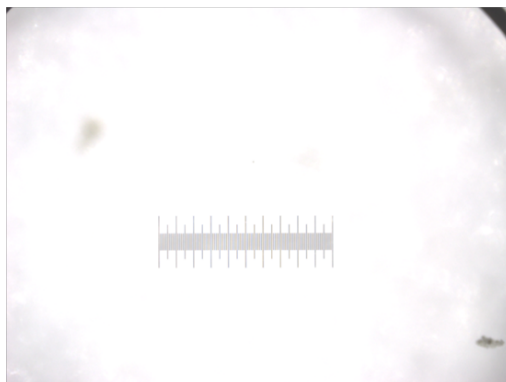
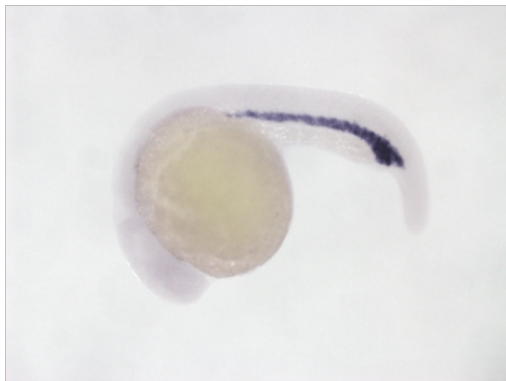
gata1a (24 hpf)

α 3-globin (48 hpf)

Wild type

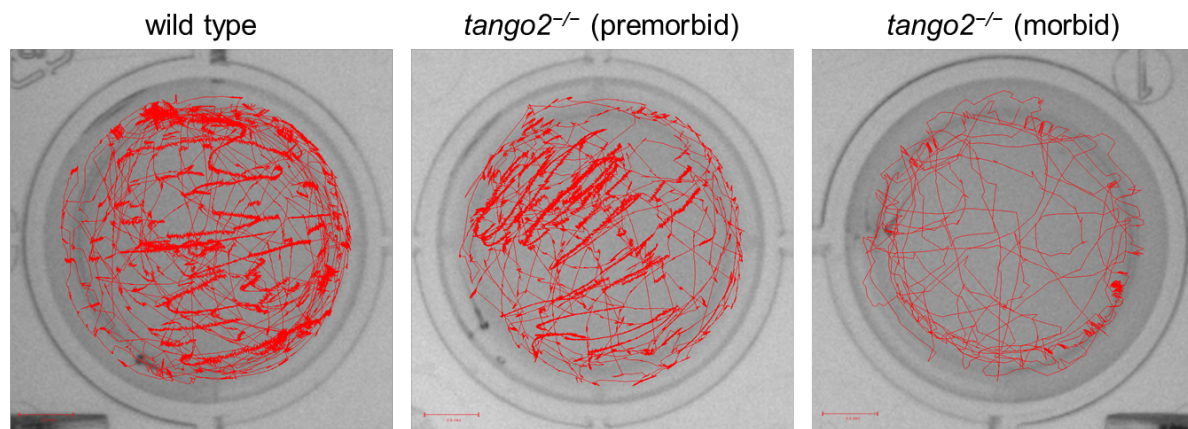


tango2^{-/-}



Scale (The distance between two small lines is 10 μ m.)

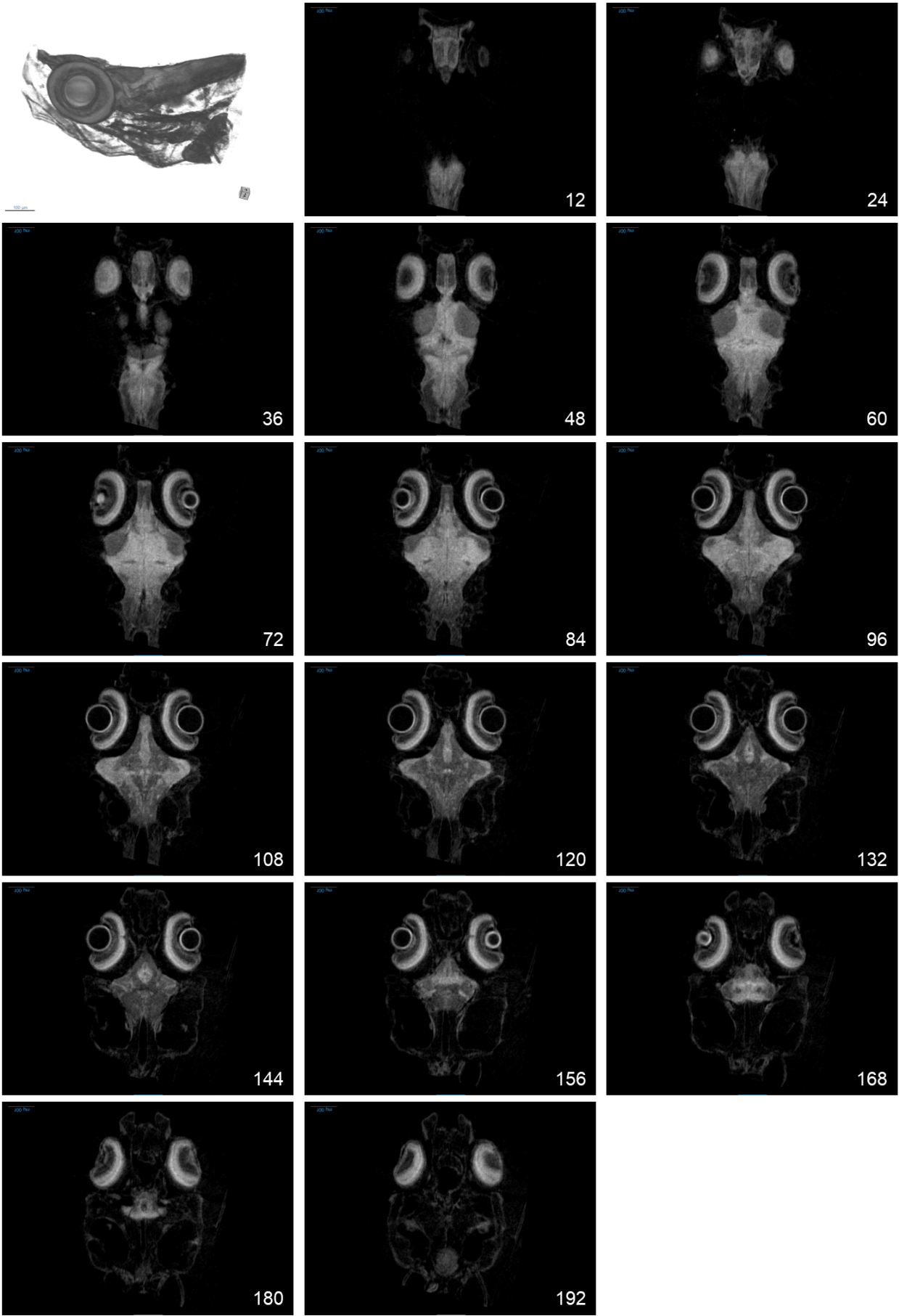
Related to Extended Data Fig. 4k



Additional Source Data for Extended Data Figure 5:

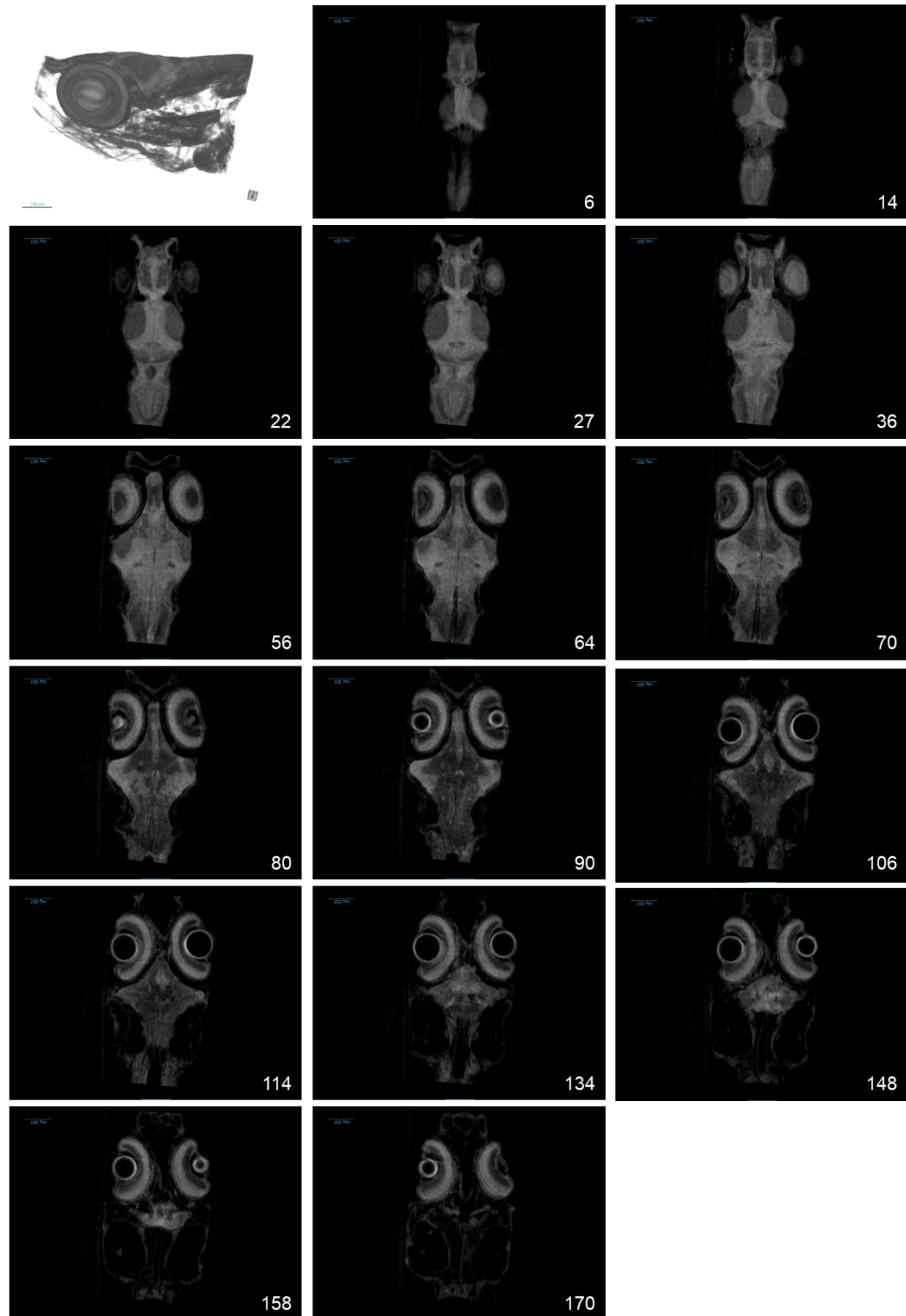
Related to Extended Data Fig. 5a

wild type



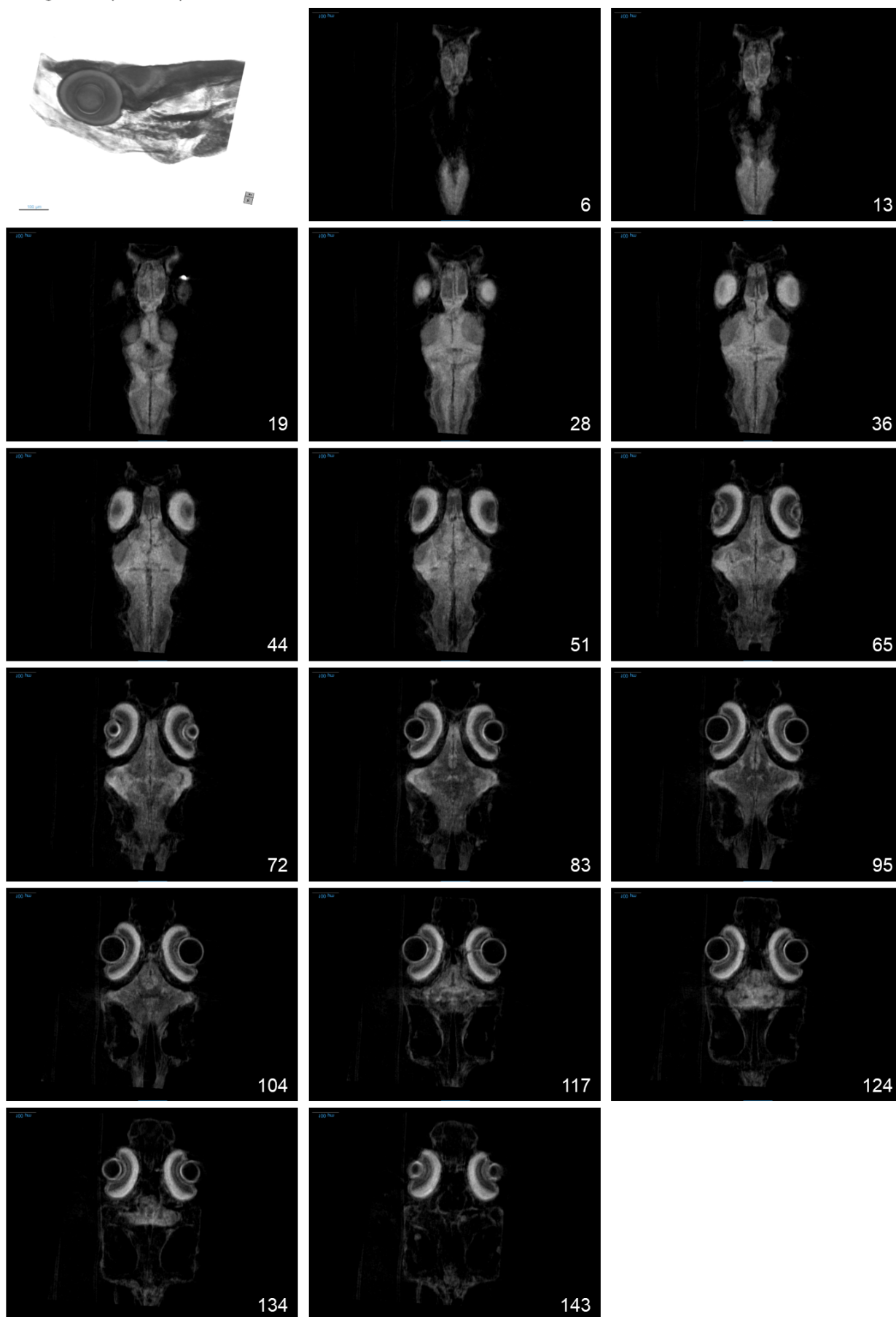
Related to Extended Data Fig. 5a

tango2^{-/-} (pre-morbid)

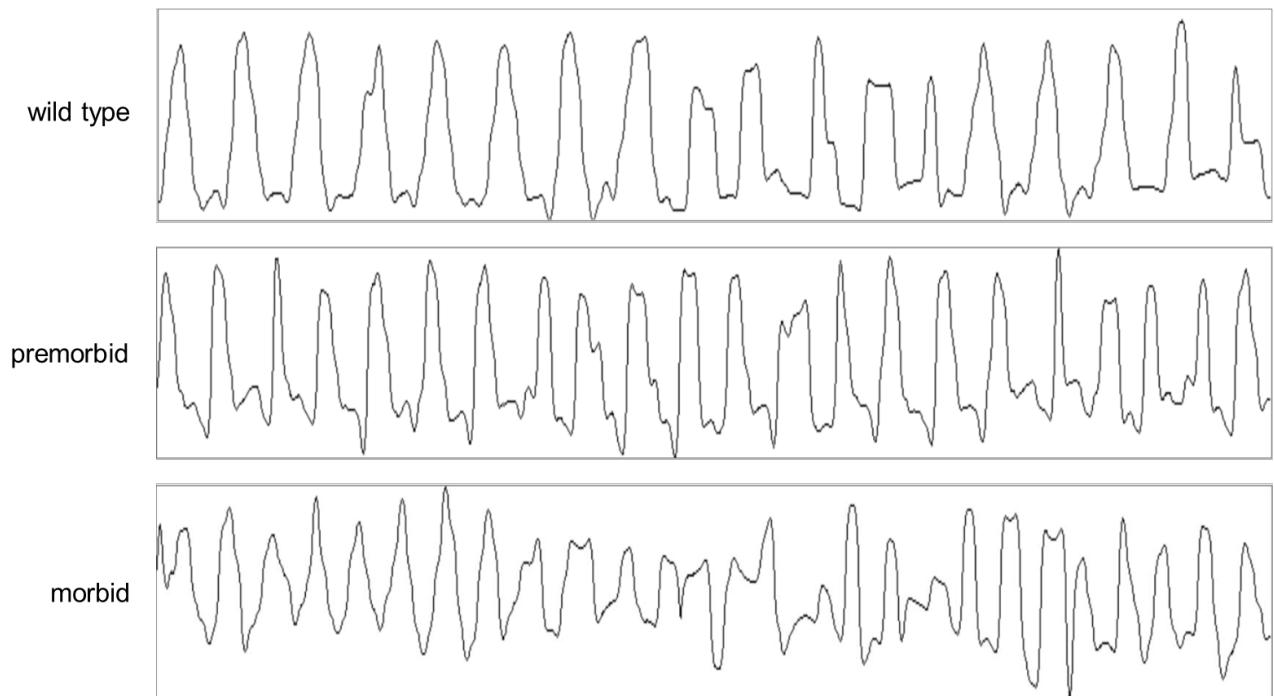


Related to Extended Data Fig. 5a

tango2^{-/-} (morbid)

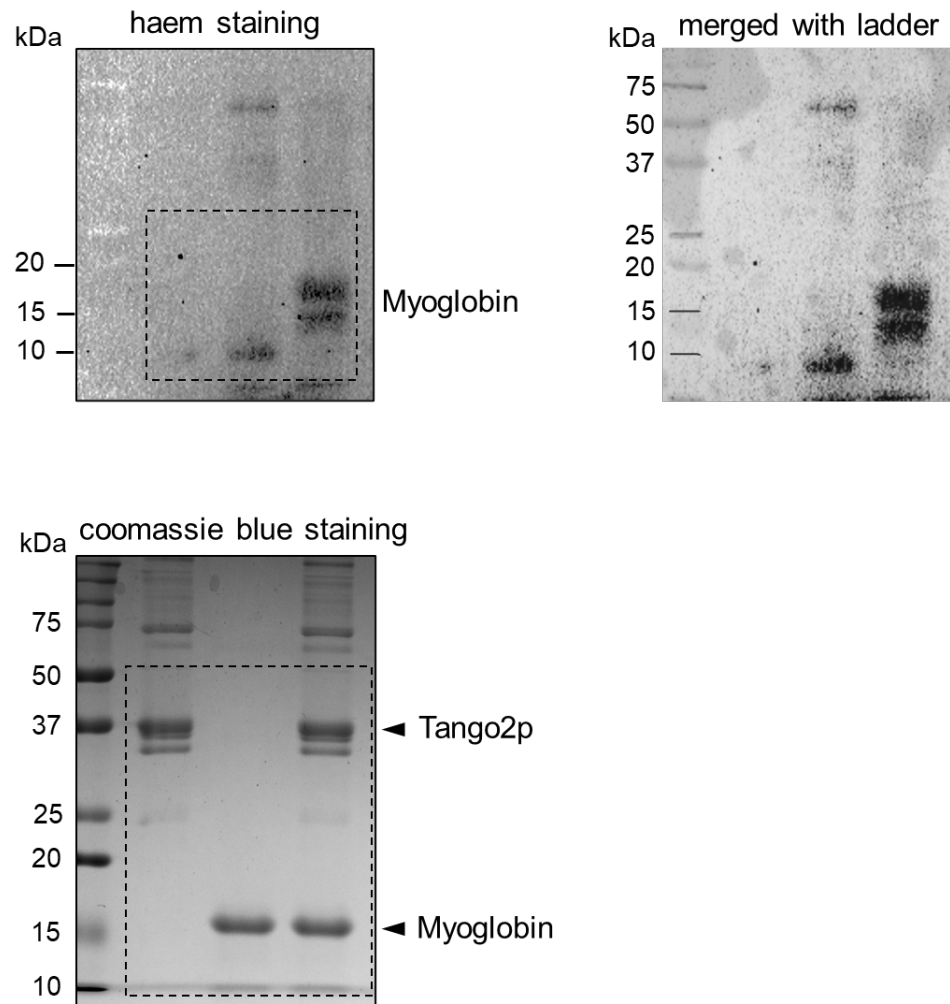


Related to Extended Data Fig. 5e

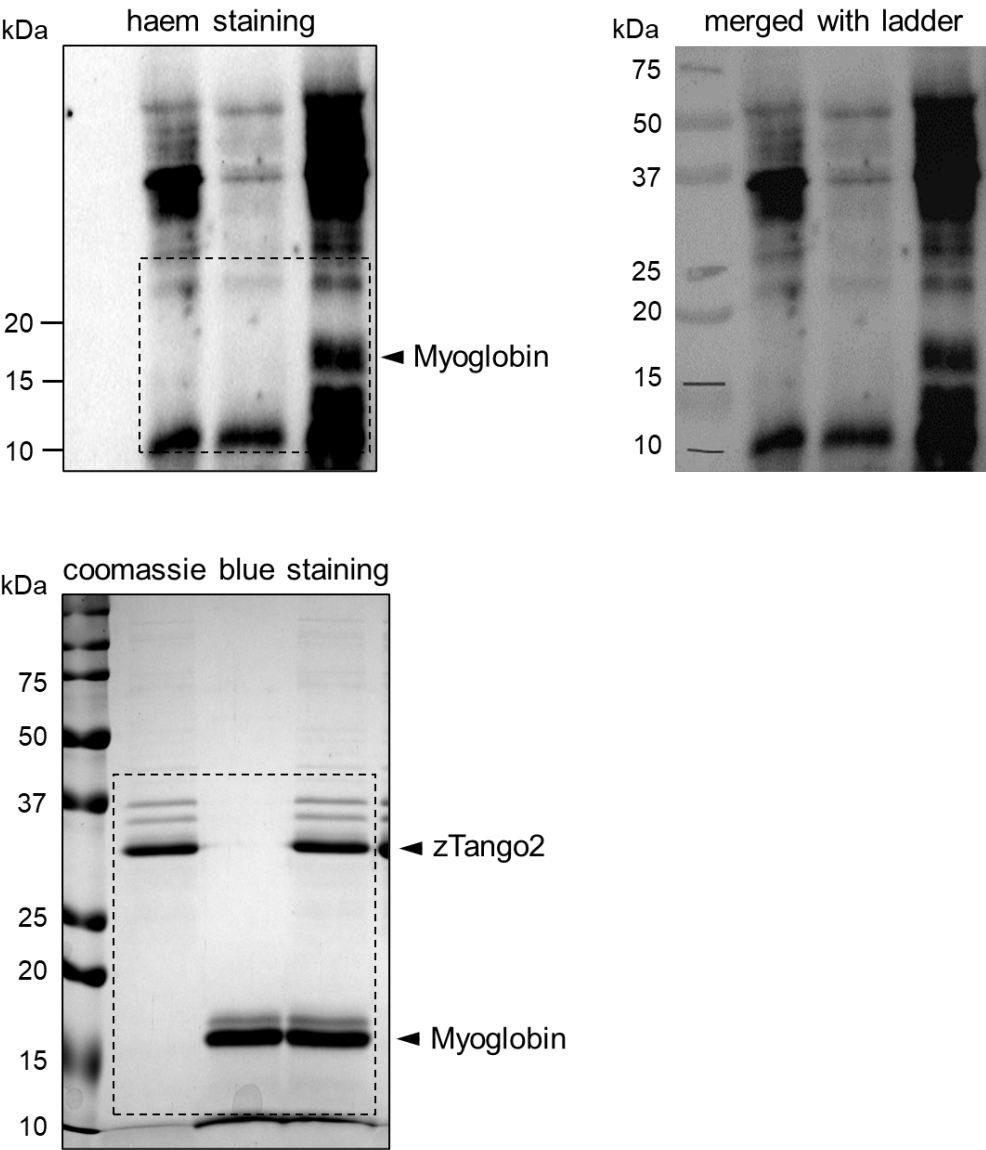


Additional Source Data for Extended Data Figure 6:

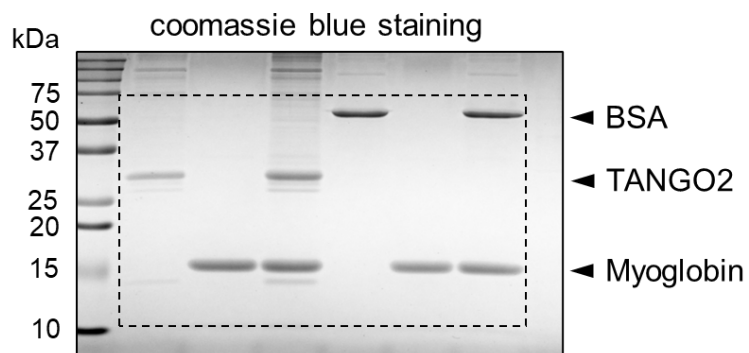
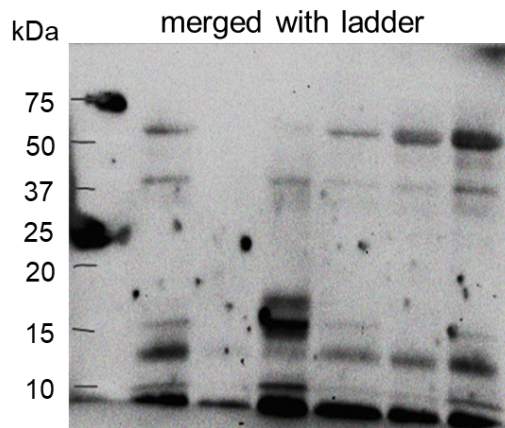
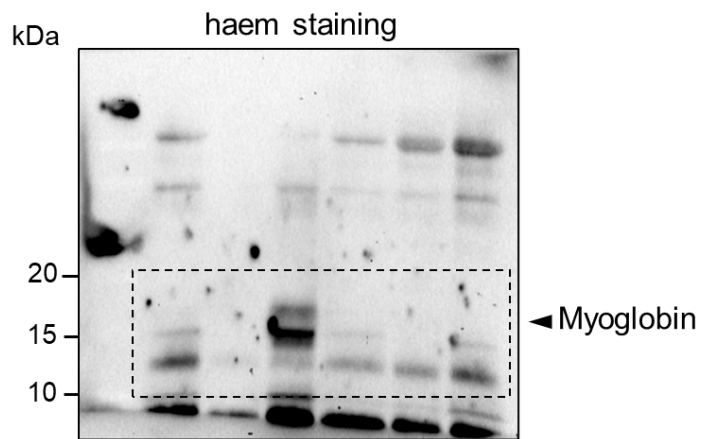
Related to Extended Data Fig. 6b



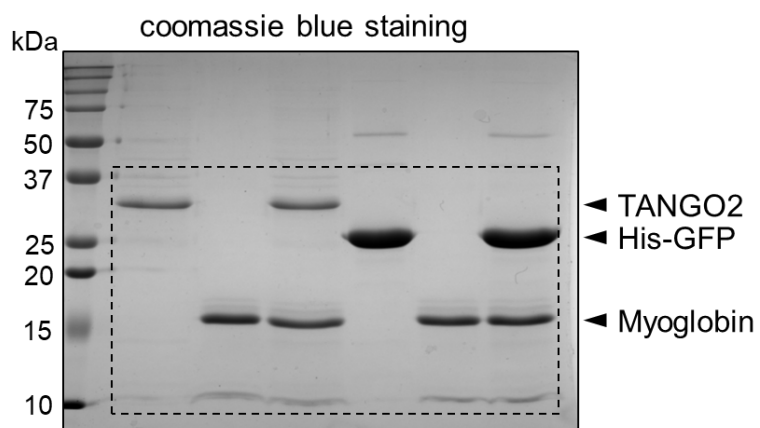
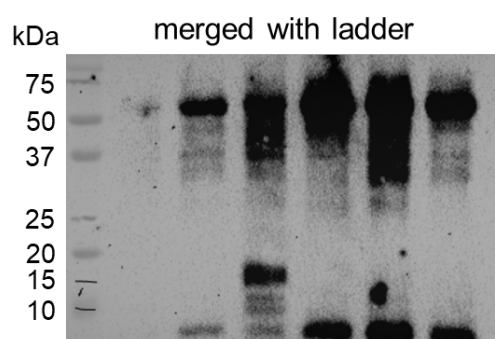
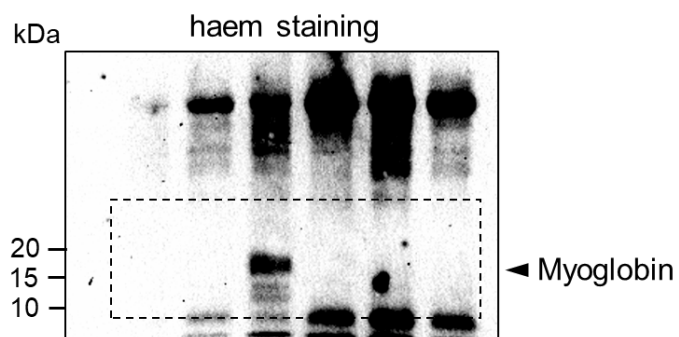
Related to Extended Data Fig. 6c



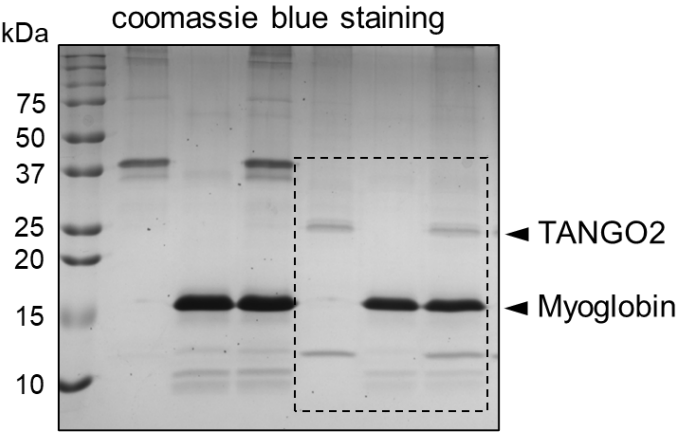
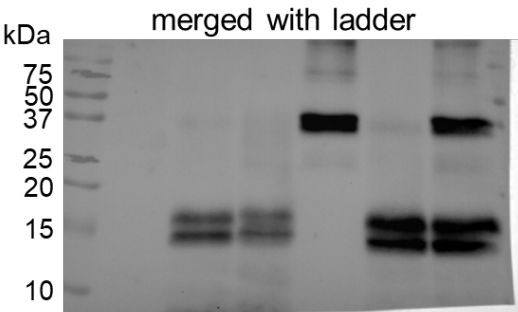
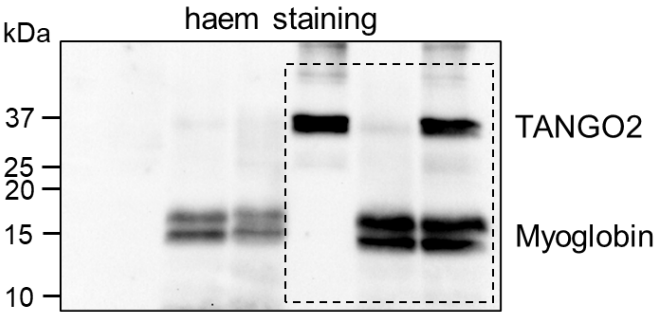
Related to Extended Data Fig. 6d



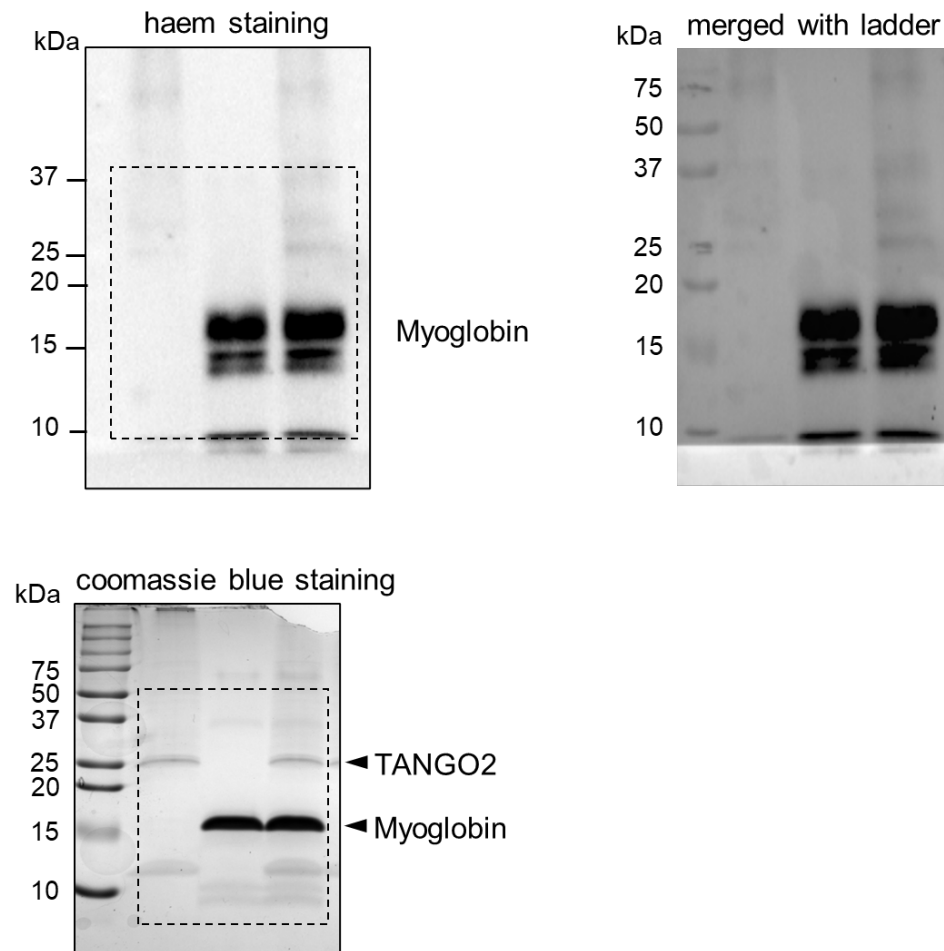
Related to Extended Data Fig. 6e



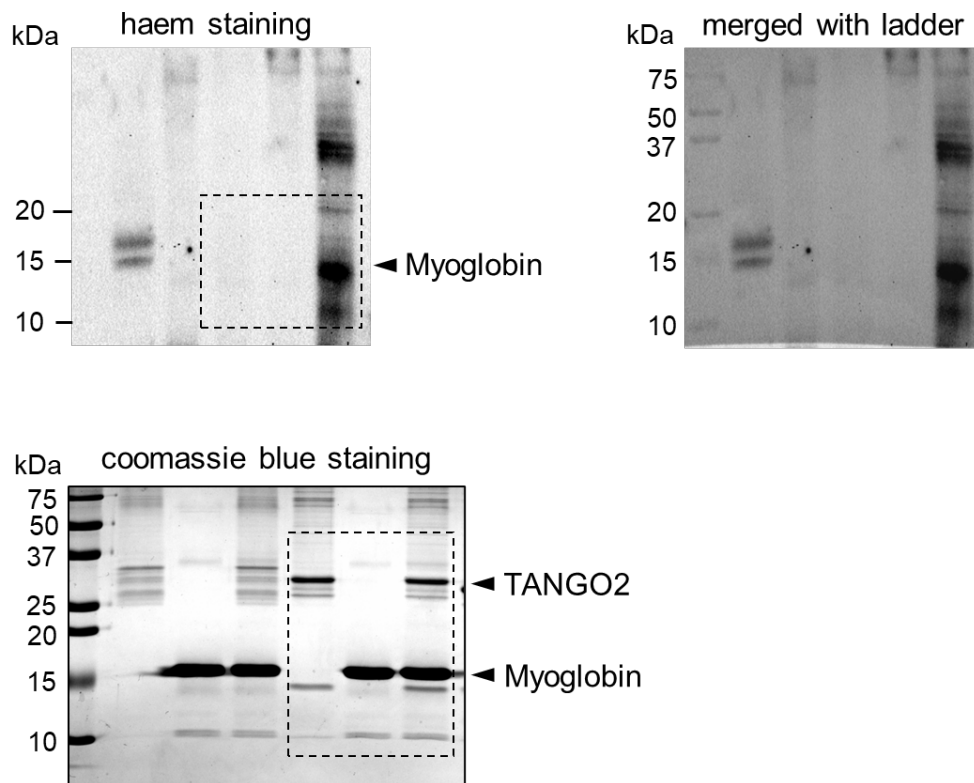
Related to Extended Data Fig. 6f



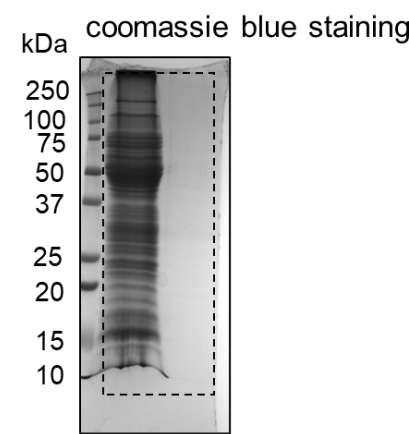
Related to Extended Data Fig. 6g



Related to Extended Data Fig. 6h



Related to Extended Data Fig. 6i



Related to Extended Data Fig. 6j

