Figure S4. Original gels and membranes

Figure 1. LR_PCR in all tissues

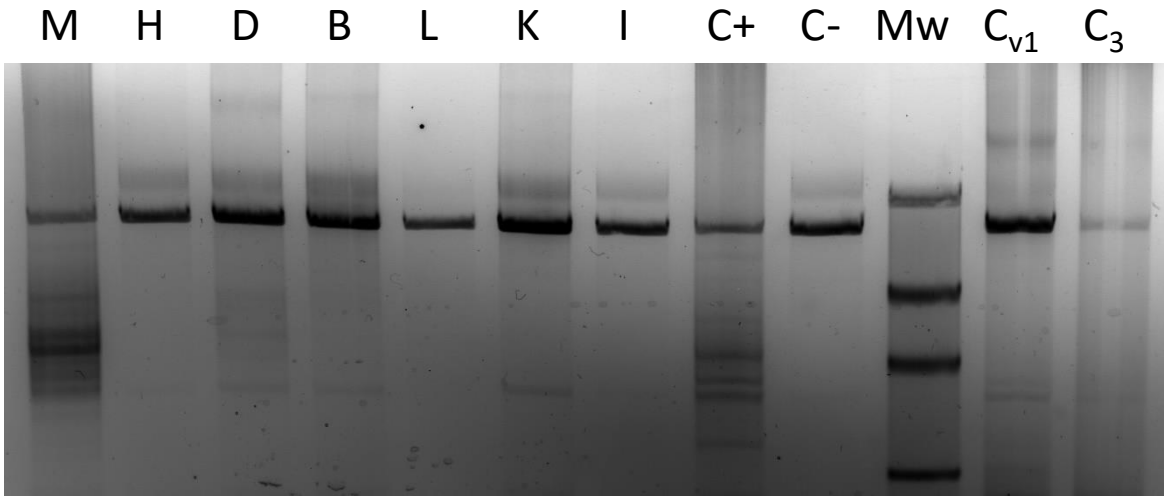
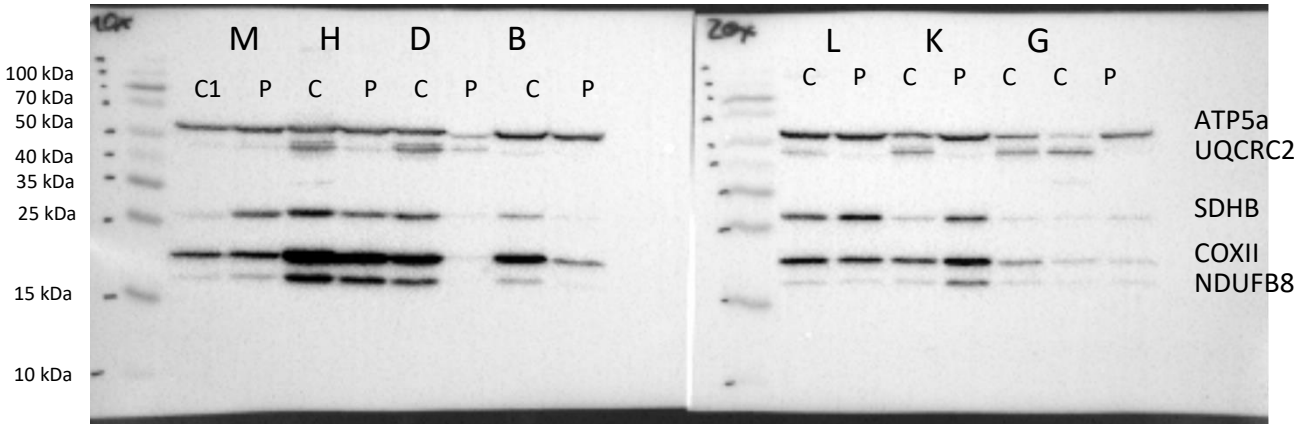


Figure 2. Western blot of OXPHOS proteins



Coomassie staining

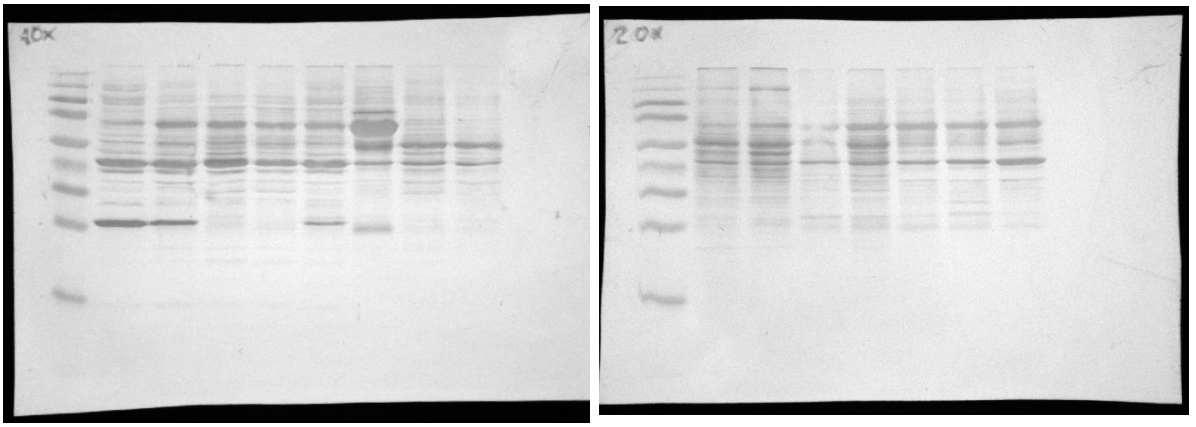
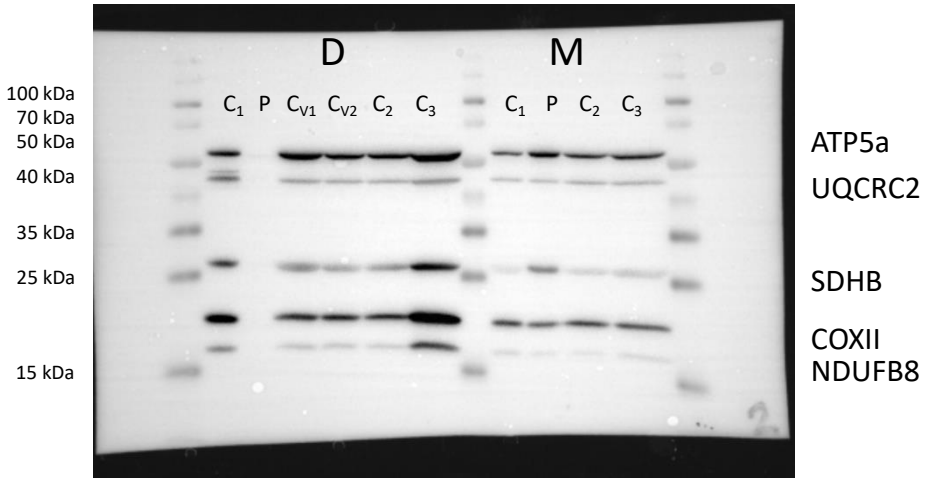


Figure 2 and Figure 4. Western blot of OXPHOS proteins (diaphragms and muscles)



Coomassie staining

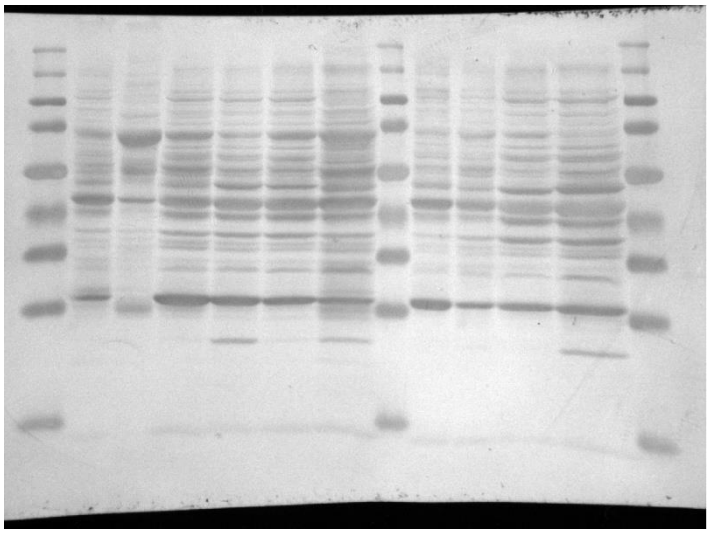
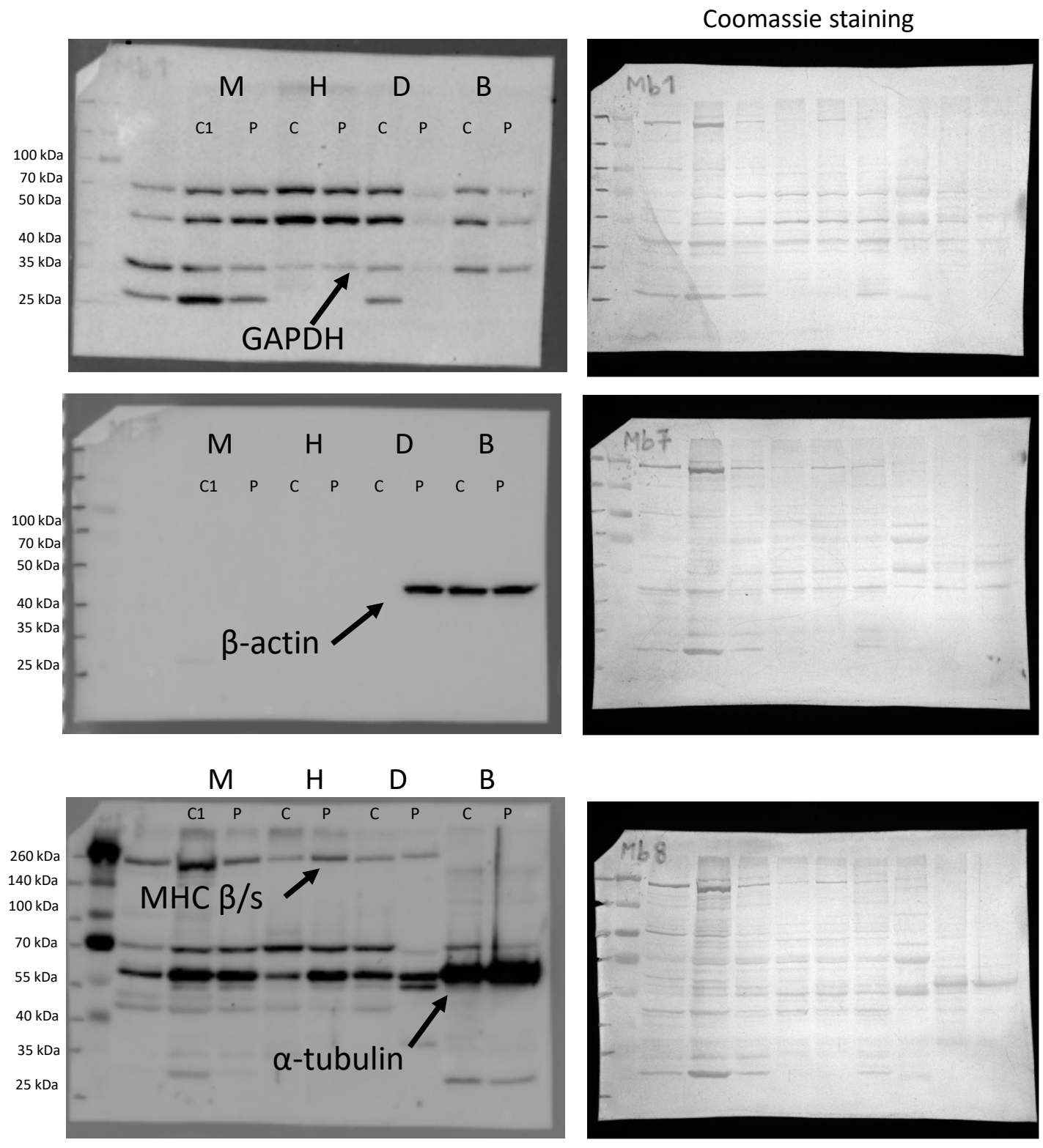


Figure 3. Constitutive proteins.



In these membranes and those in Figure 7 an additional sample unrelated to TK2 deficiency which is not included in the manuscript was loaded on the left side of the gels.

Figure S2. Protein profile in diaphragm

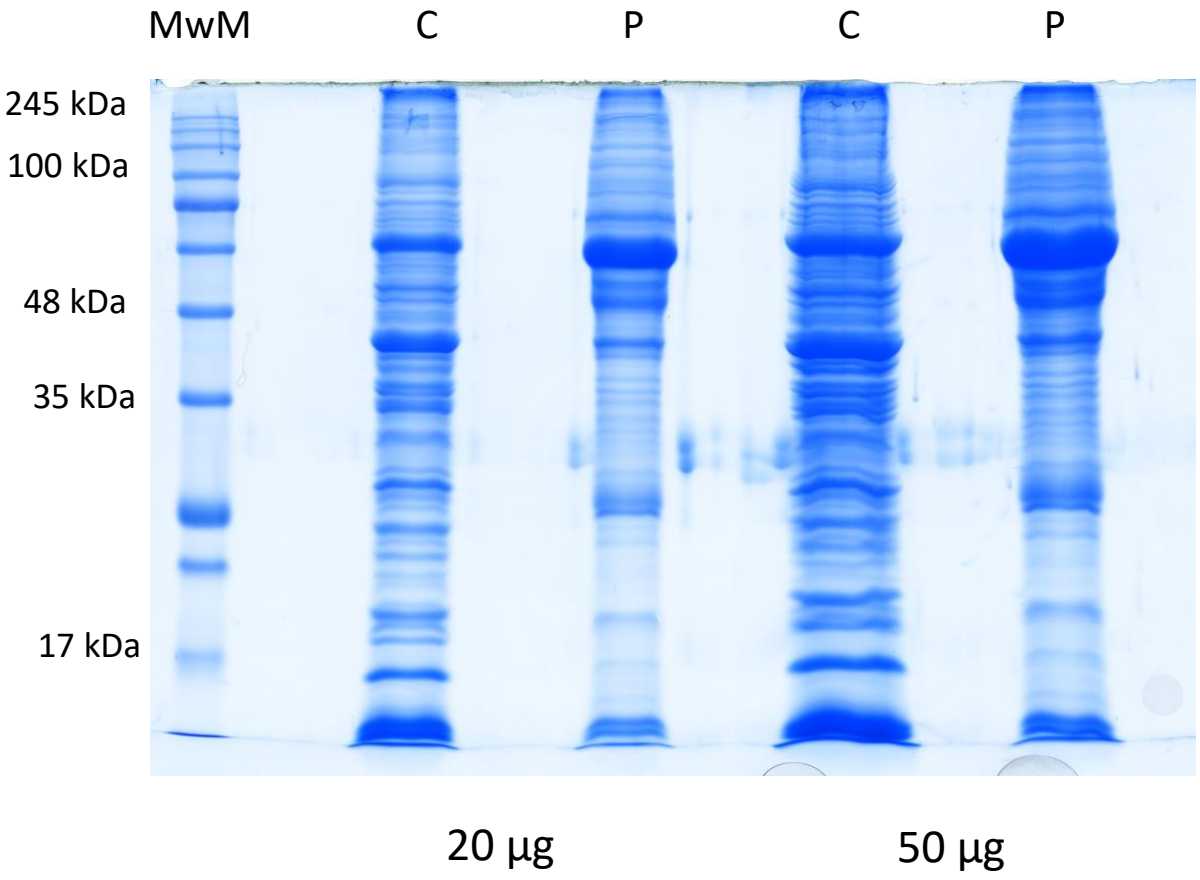
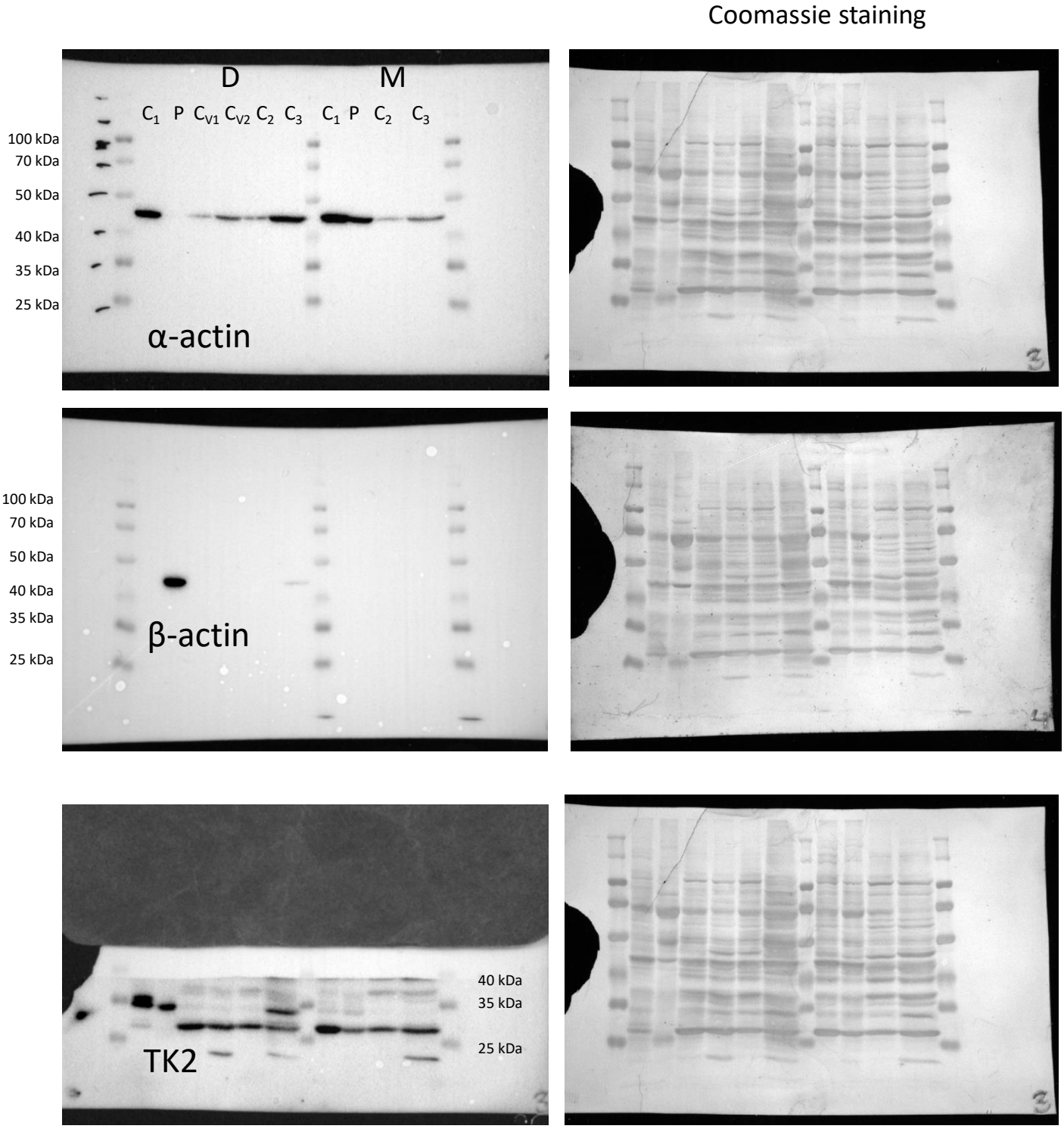


Figure 5. Actin isoforms and TK2 in diaphragm.



TK2 image obtained covering the upper part of the membrane because very intense upper bands interfered with TK2 signal.

Figure 6. Antioxidant enzymes.

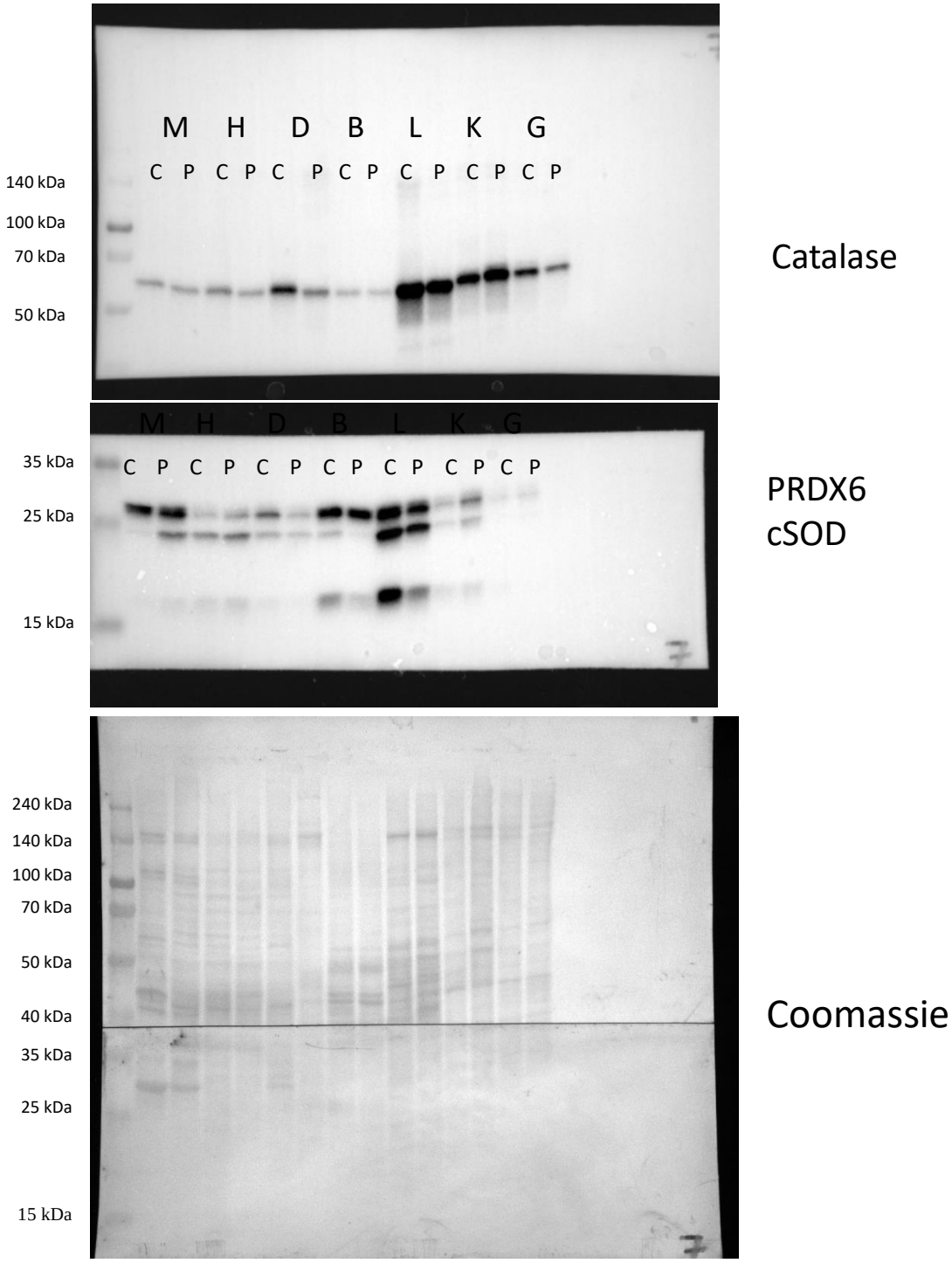


Figure 7. Autophagy and ubiquitin-proteasome system markers.

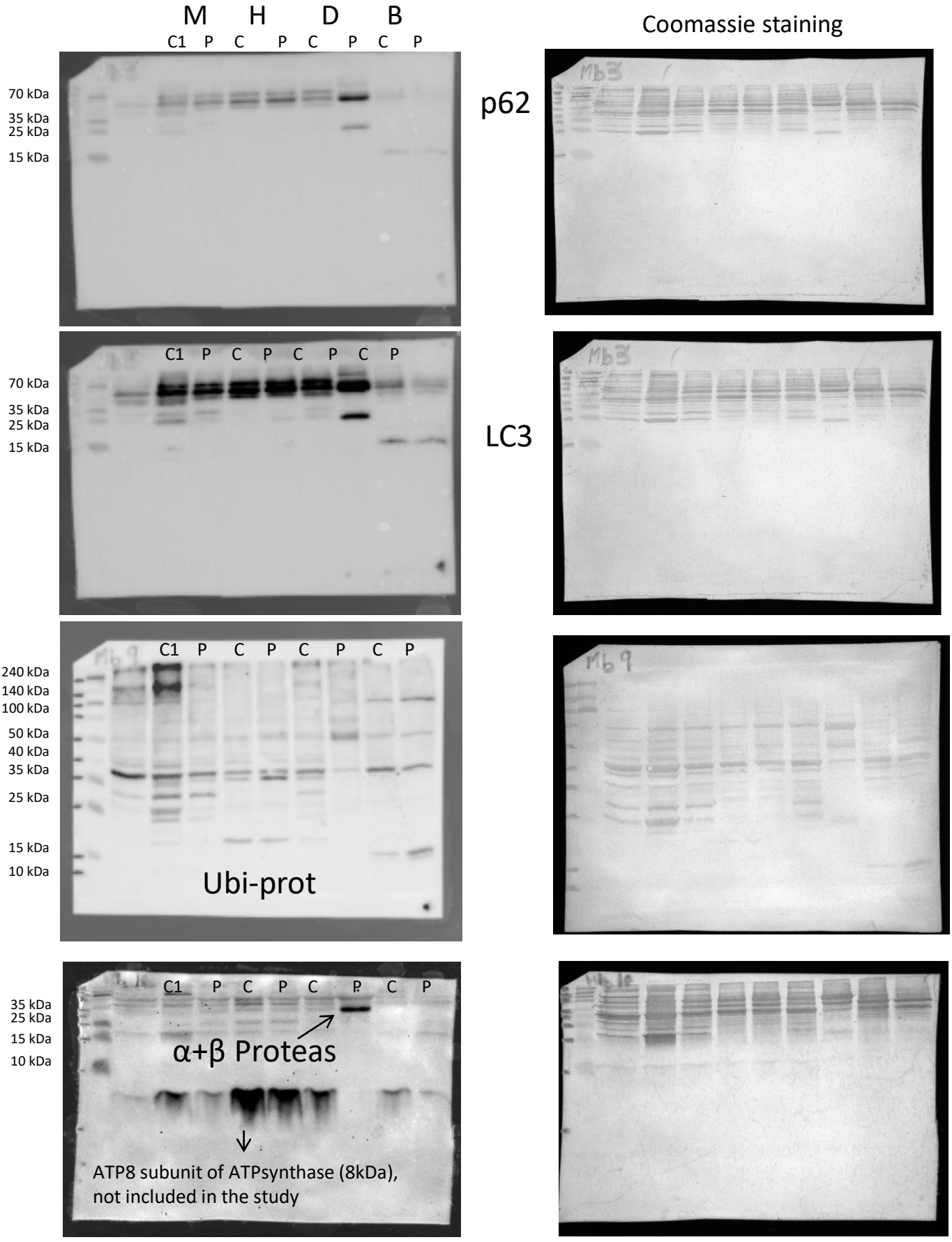


Figure 8 and Figure S3. Whole membranes with molecular weigh markers are shown in the manuscript figures.