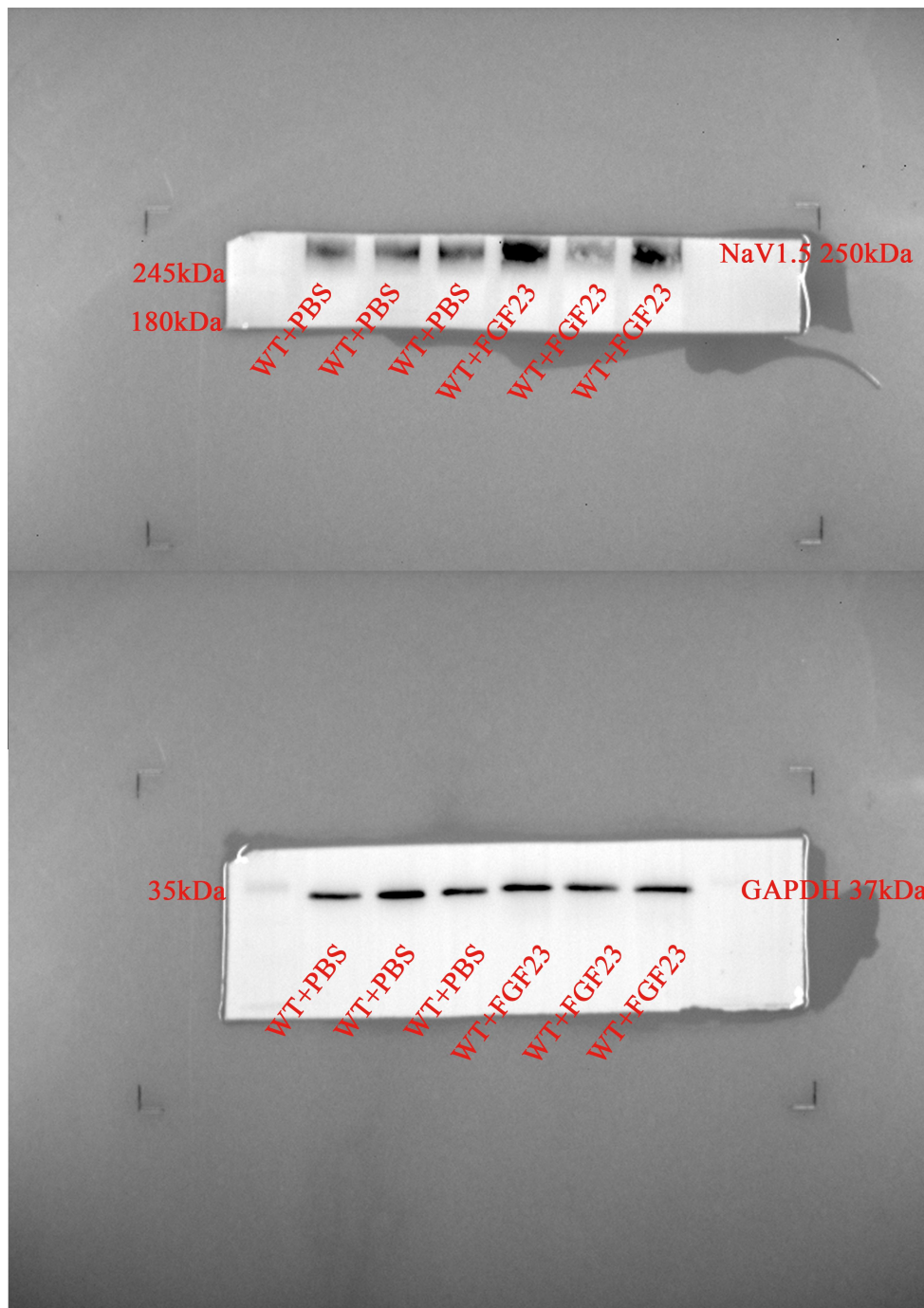
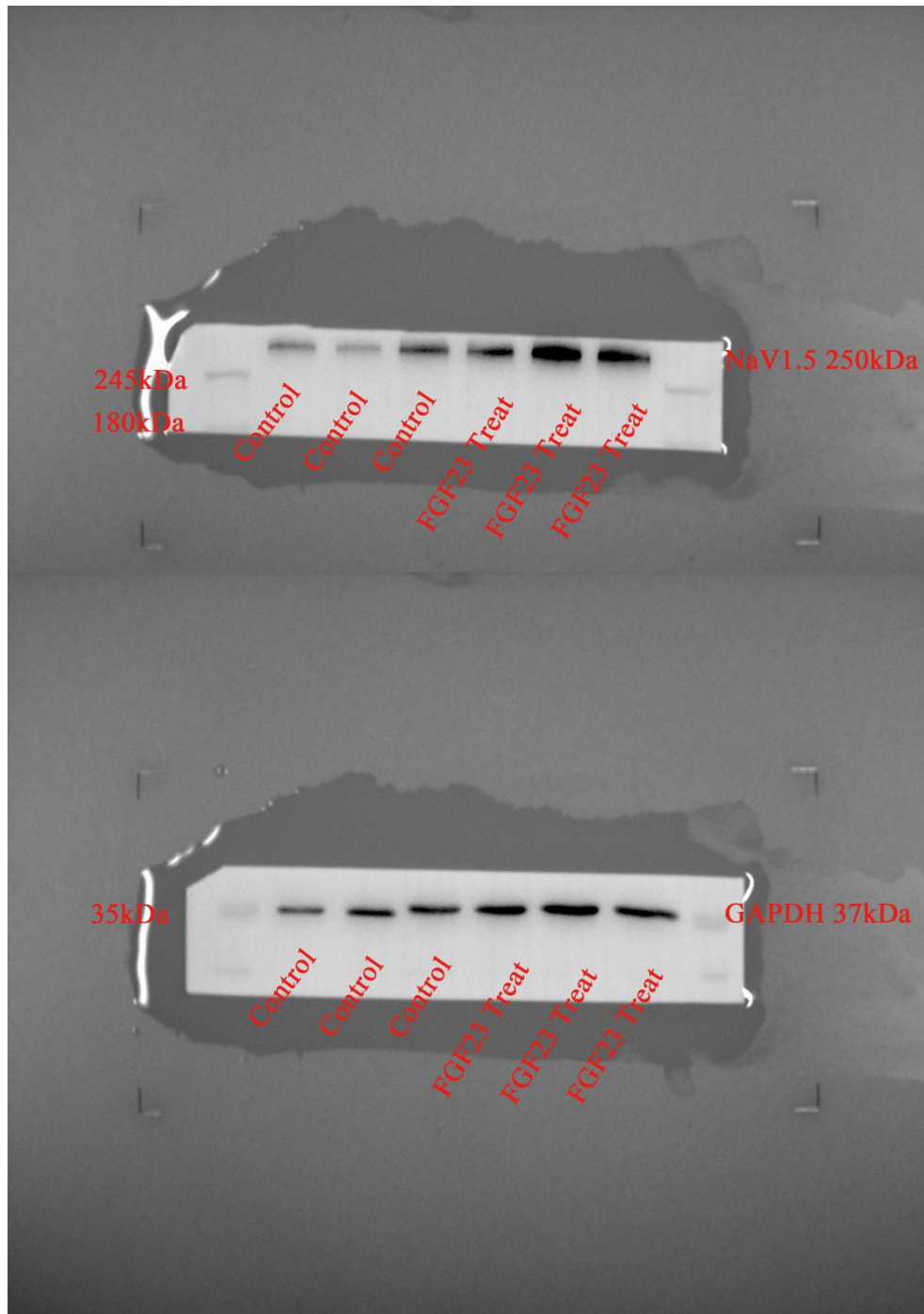


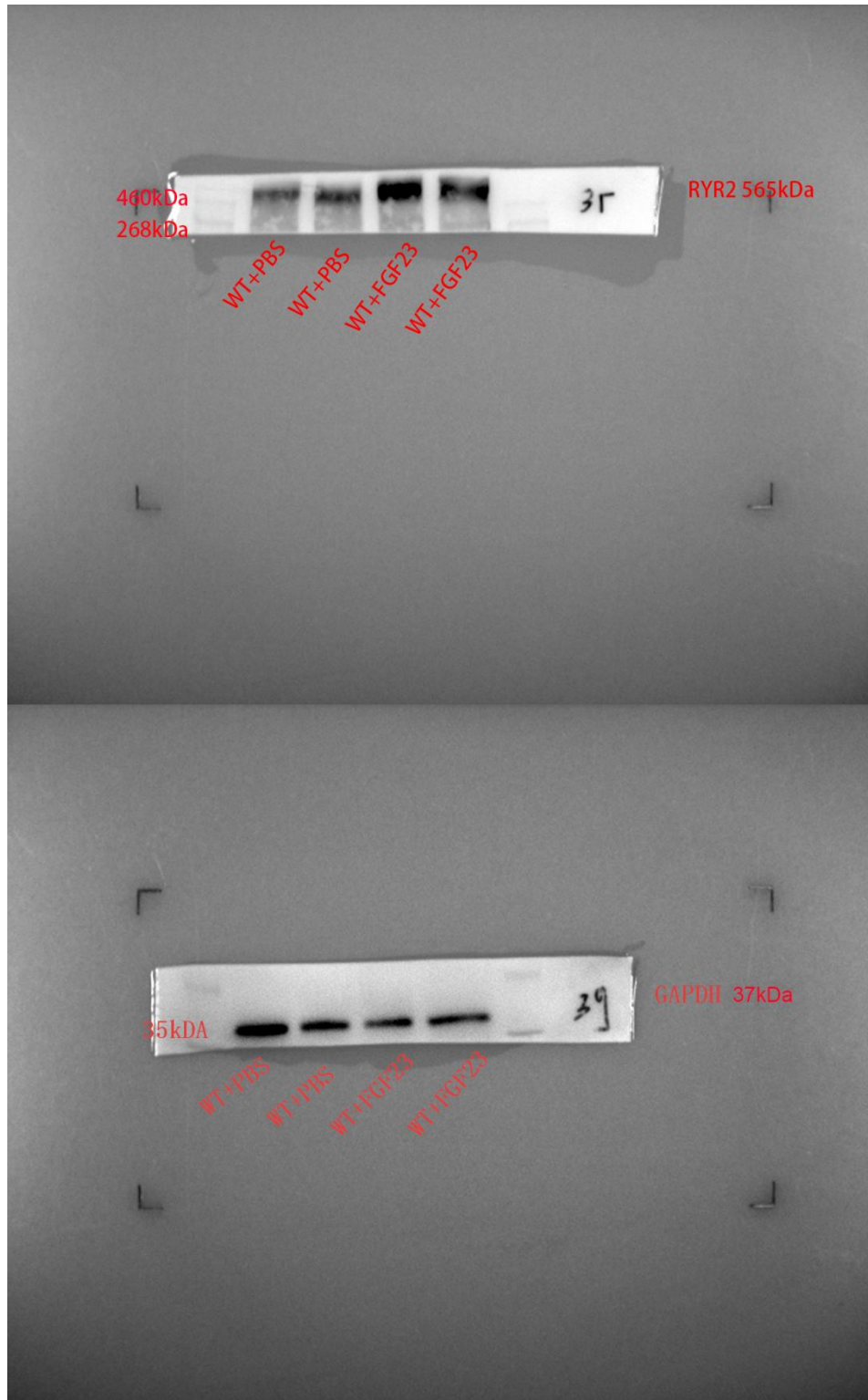
Supplementary Materials



Supplementary Figure S1. Source images of the gels/blots presented in Figure 2J (Nav1.5) as originally captured. Molecular weight markers are indicated on the right of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files.



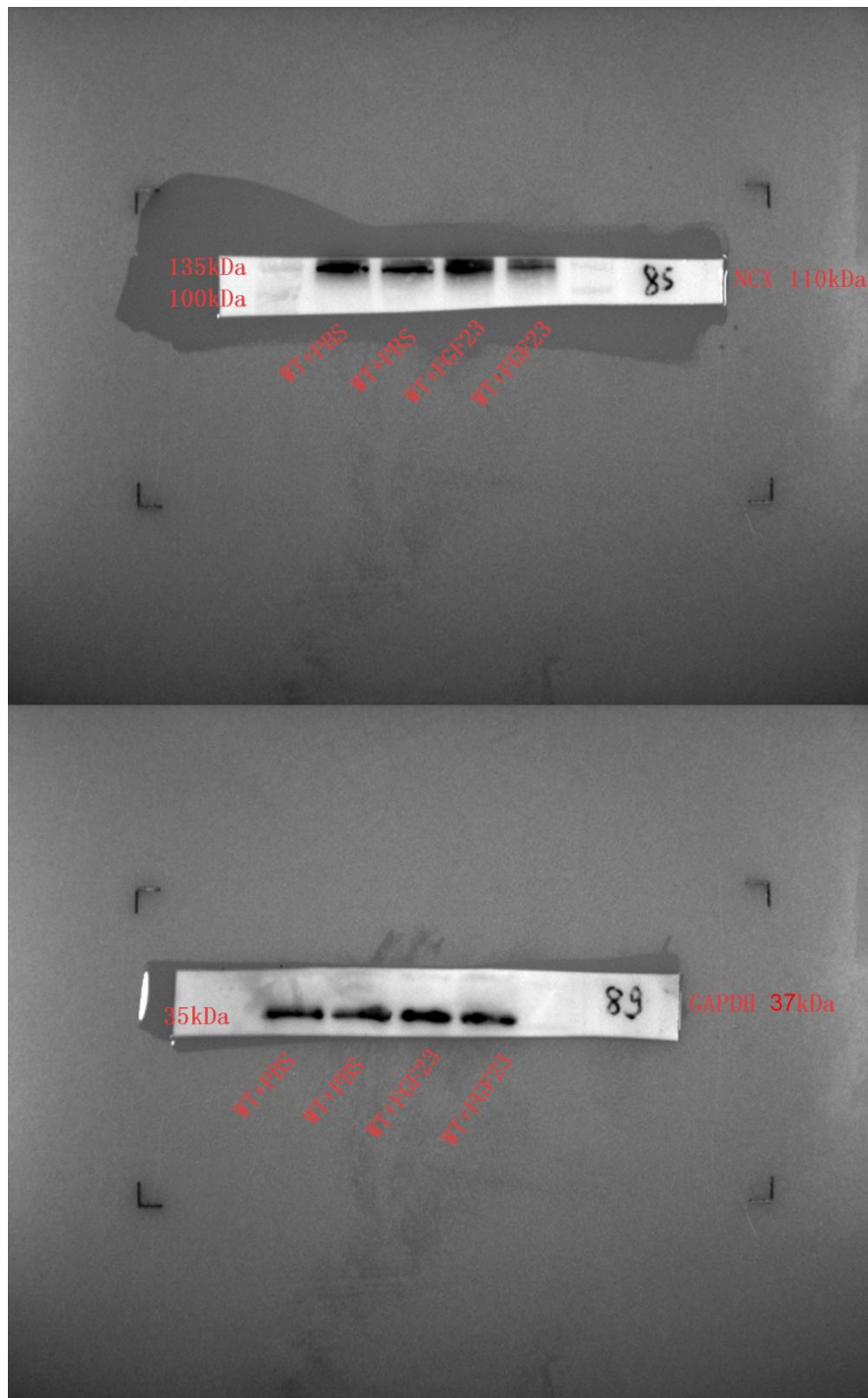
Supplementary Figure S2. Source images of the gels/blots presented in Figure 3I (Nav1.5) as originally captured. Molecular weight markers are indicated on the right of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files.



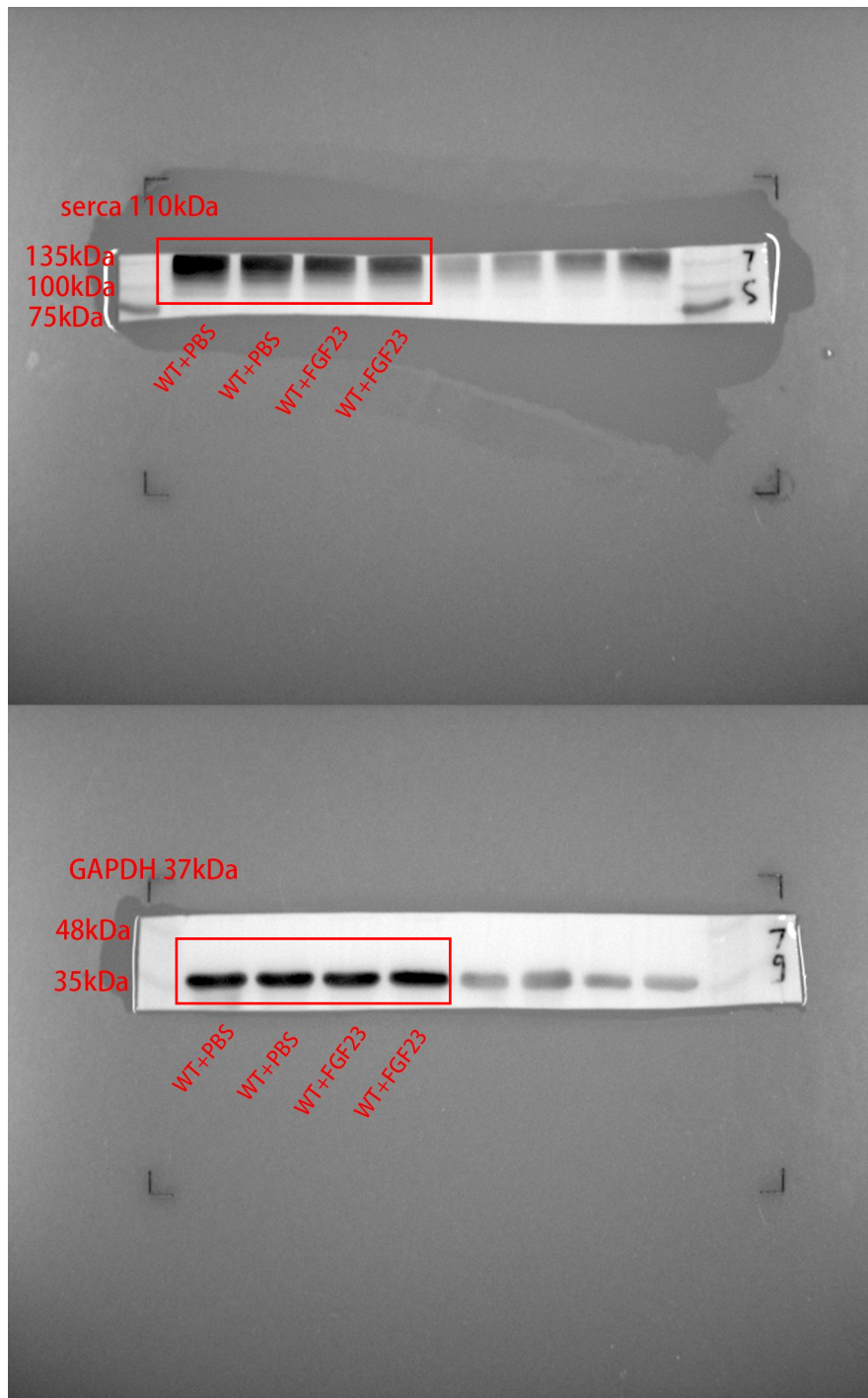
Supplementary Figure S3. Source images of the gels/blots presented in Figure 4N (RYR2) as originally captured. Molecular weight markers are indicated on the right of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files.



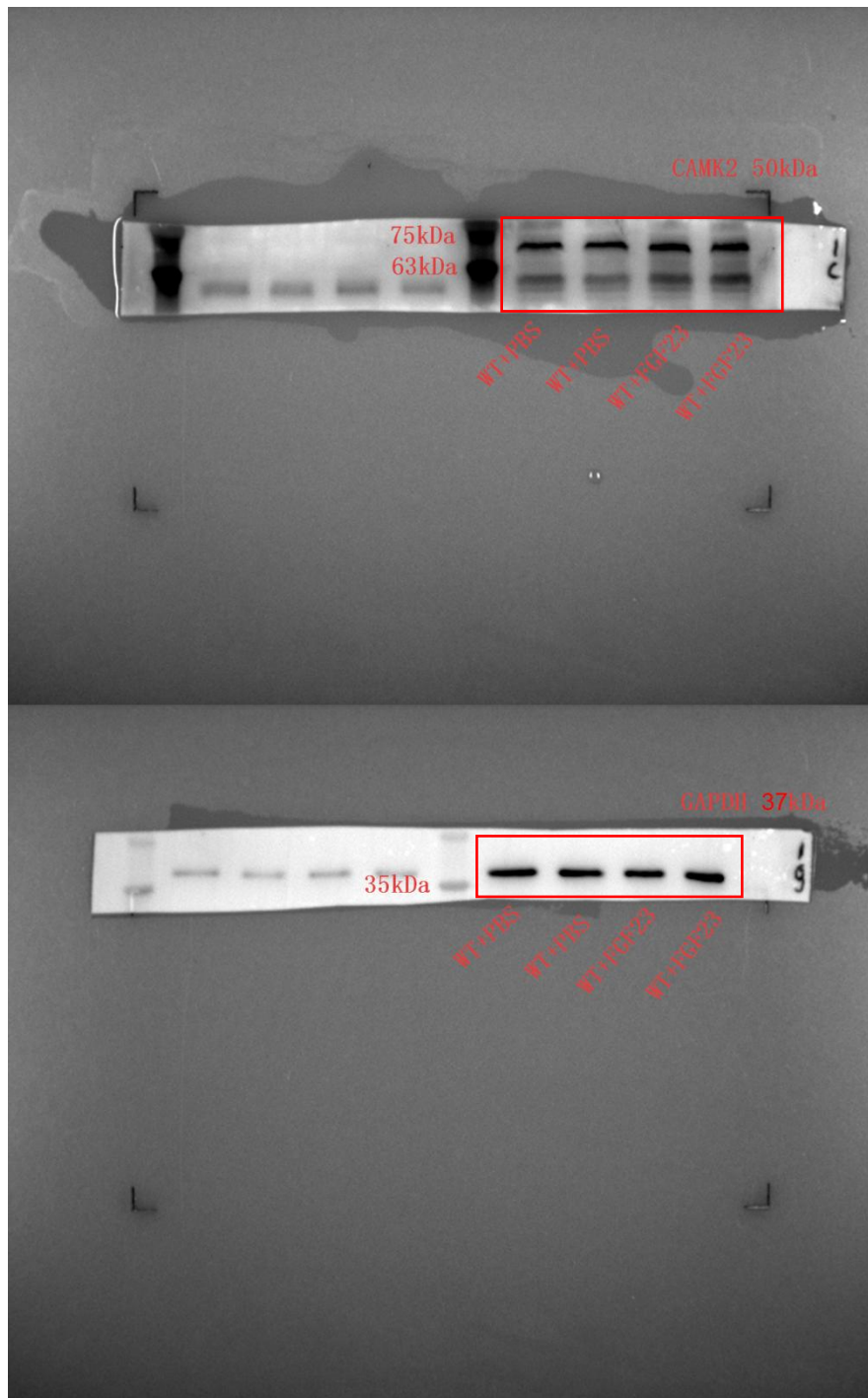
Supplementary Figure S4. Source images of the gels/blots presented in Figure 40 (CAV1.2) as originally captured. Molecular weight markers are indicated on the right of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files. Red boxes indicate the cropped regions displayed in Figure 40.



Supplementary Figure S5. Source images of the gels/blots presented in Figure 4P (NCX) as originally captured. Molecular weight markers are indicated on the right of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files.



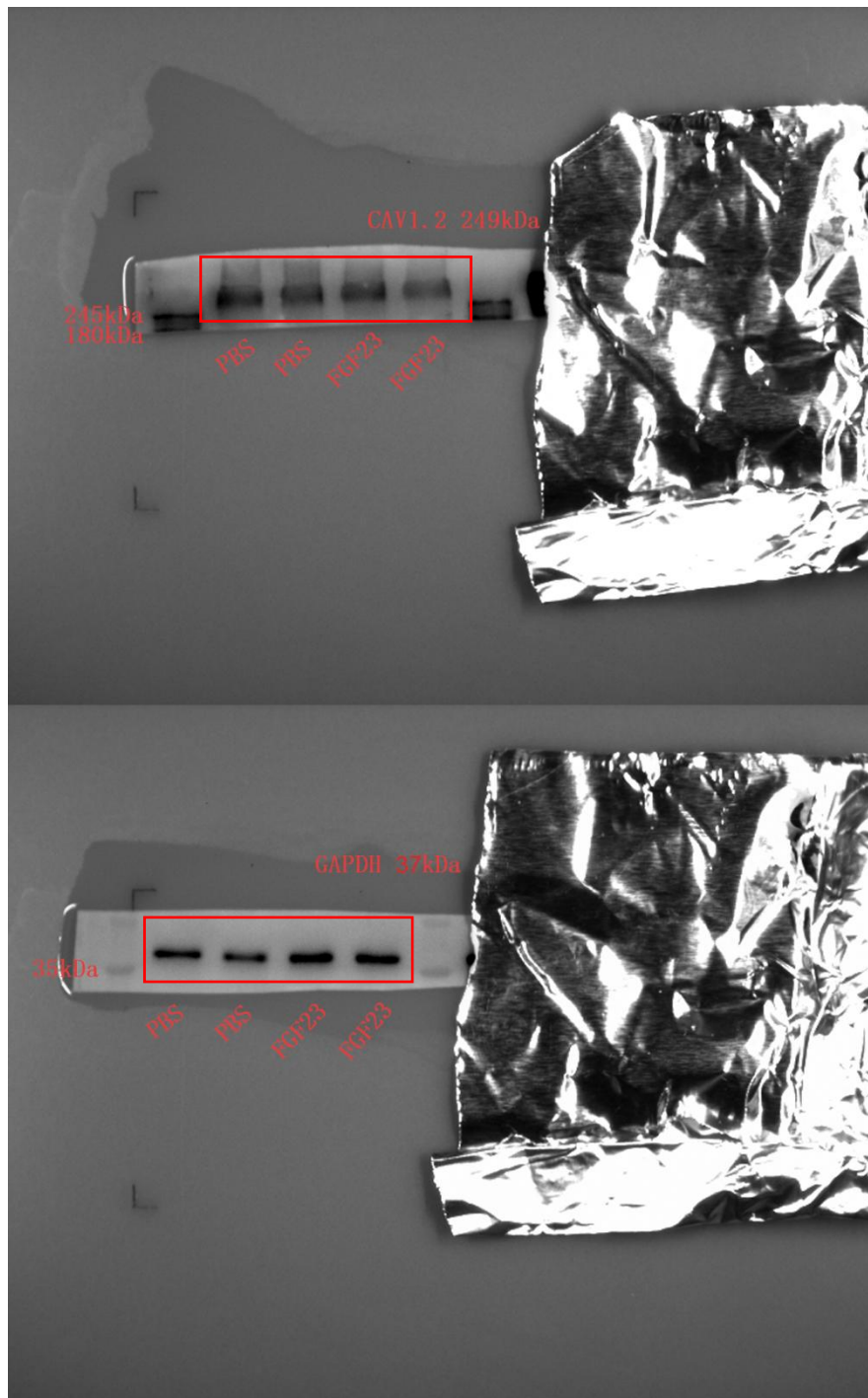
Supplementary Figure S6. Source images of the gels/blots presented in Figure 4Q (SERCA) as originally captured. Molecular weight markers are indicated on the left of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files. Red boxes indicate the cropped regions displayed in Figure 4R.



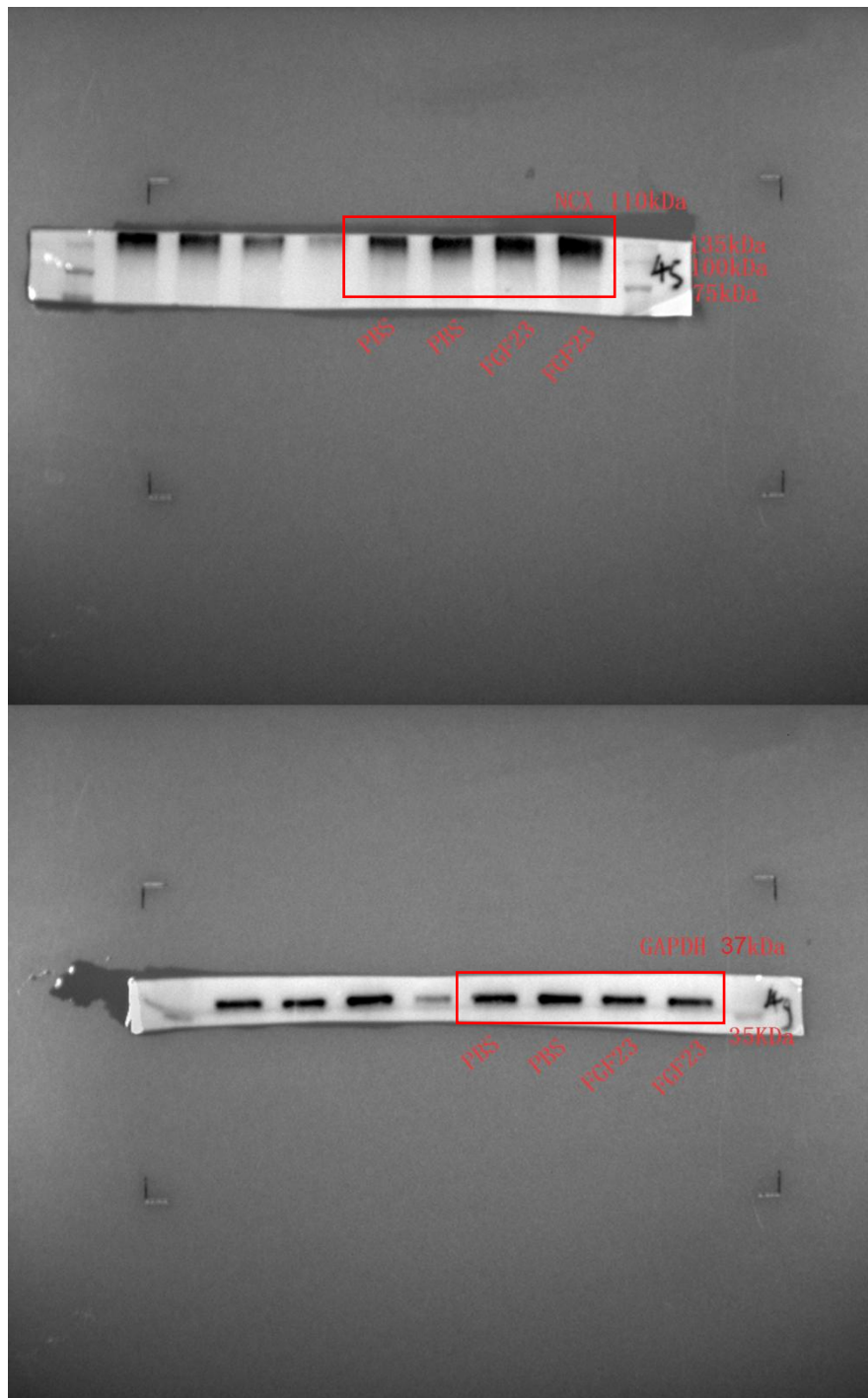
Supplementary Figure S7. Source images of the gels/blots presented in Figure 4R (CAMK) as originally captured. Molecular weight markers are indicated on the right of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files. Red boxes indicate the cropped regions displayed in Figure 4R.



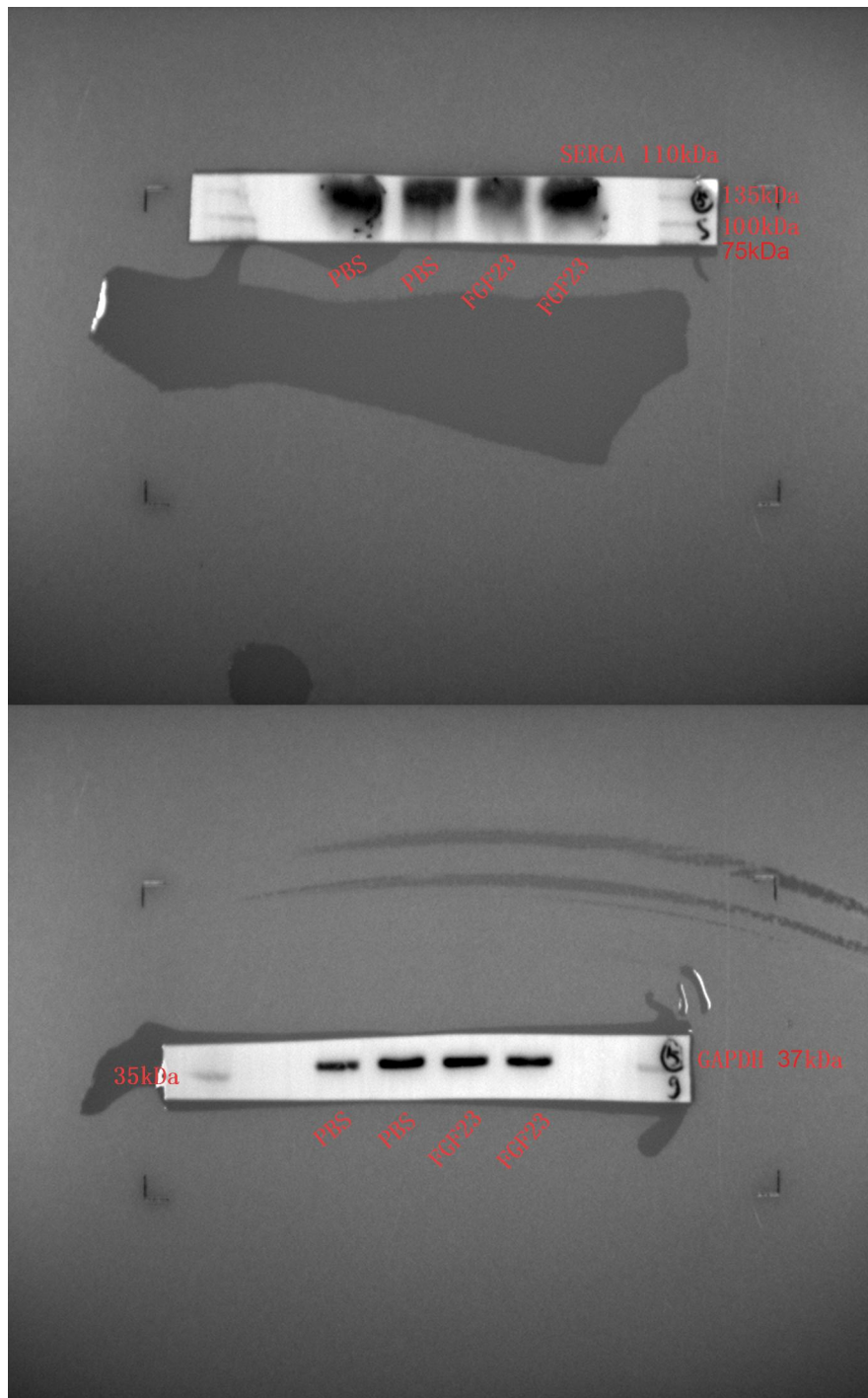
Supplementary Figure S8. Source images of the gels/blots presented in Figure 5G (RYR2) as originally captured. Molecular weight markers are indicated on the right of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files. Red boxes indicate the cropped regions displayed in Figure 5G.



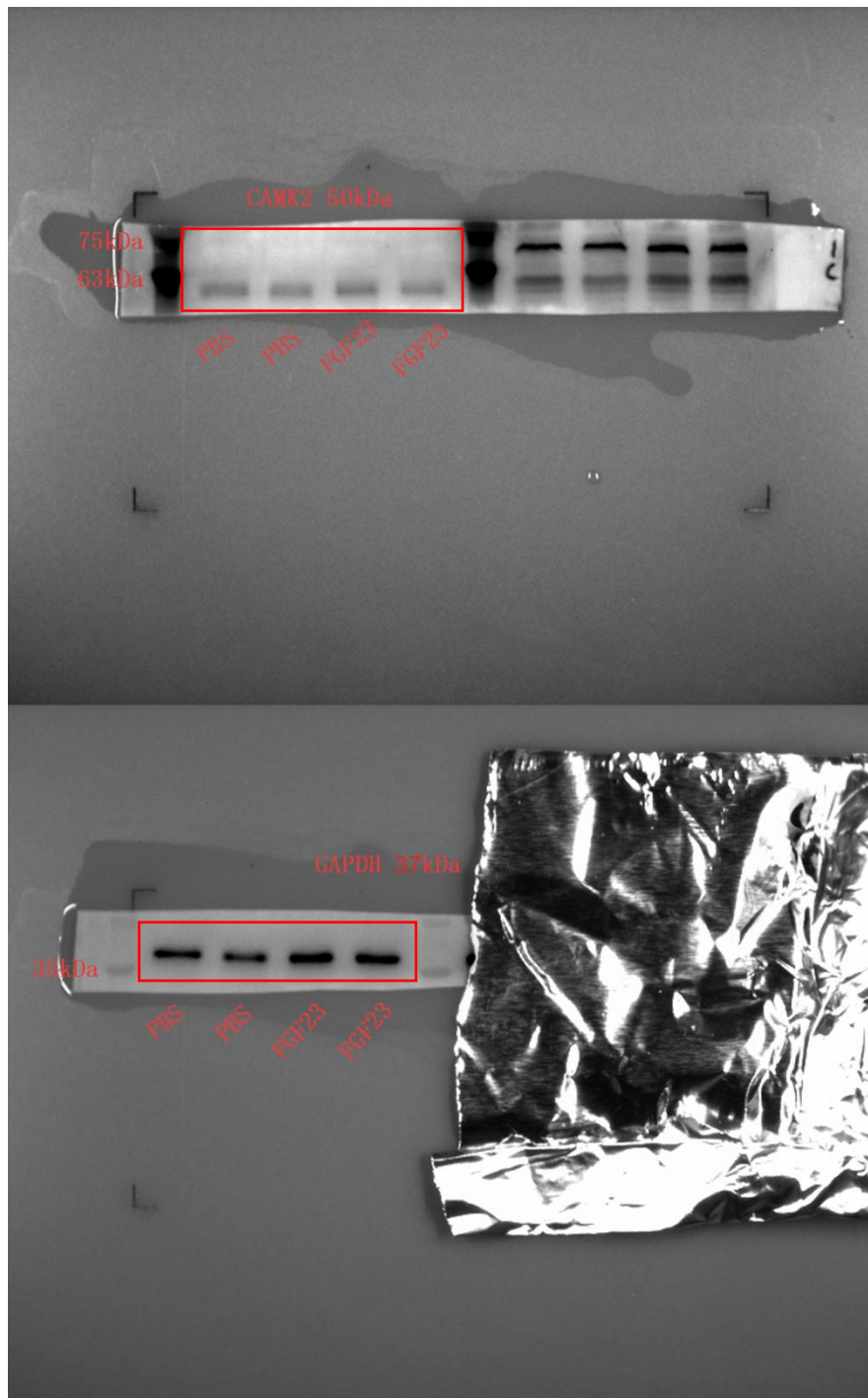
Supplementary Figure S9. Source images of the gels/blots presented in Figure 5H (CAV1.2) as originally captured. Molecular weight markers are indicated on the right of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files. Red boxes indicate the cropped regions displayed in Figure 5H.



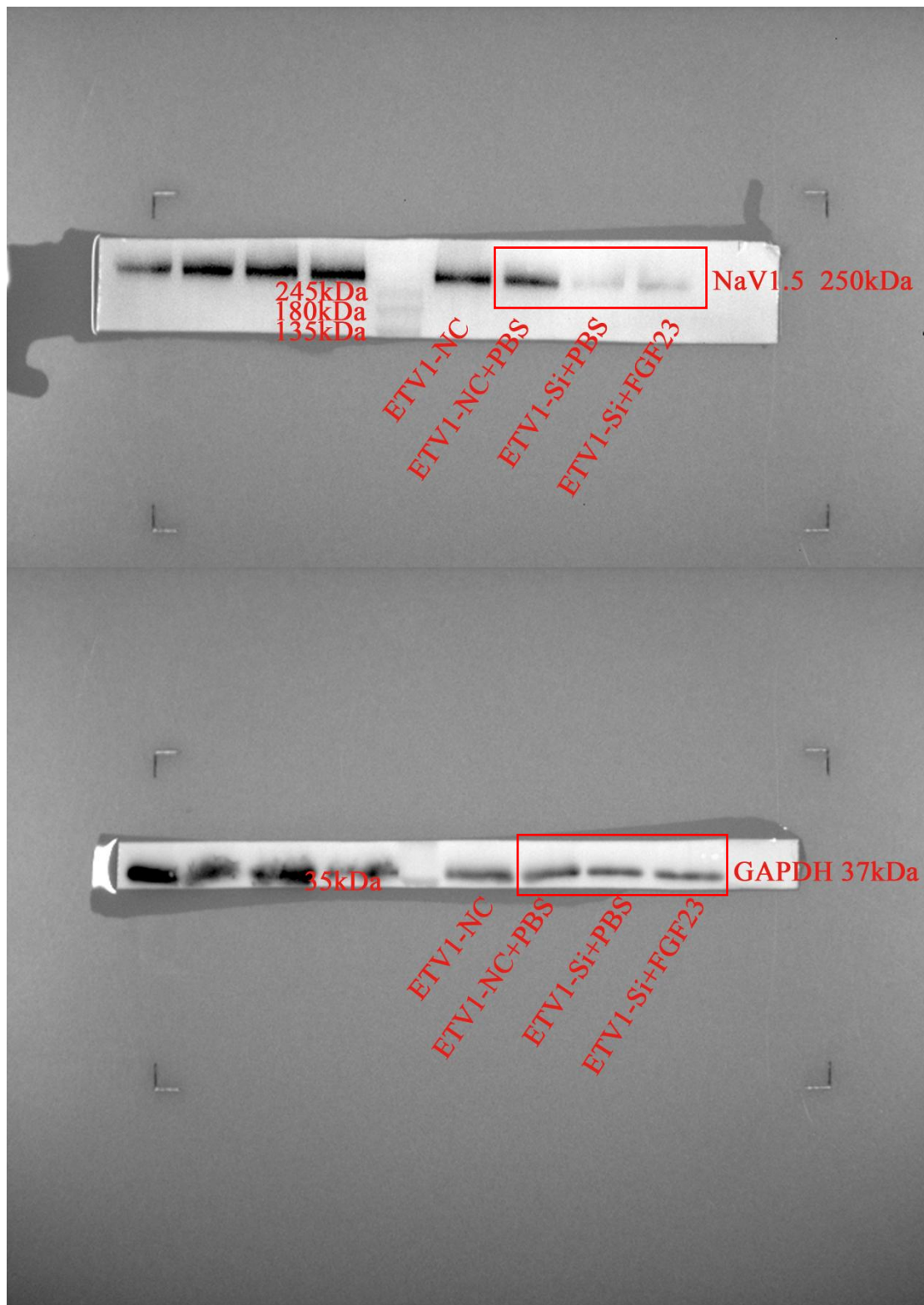
Supplementary Figure S10. Source images of the gels/blots presented in Figure 5I (NCX) as originally captured. Molecular weight markers are indicated on the right of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files. Red boxes indicate the cropped regions displayed in Figure 5I.



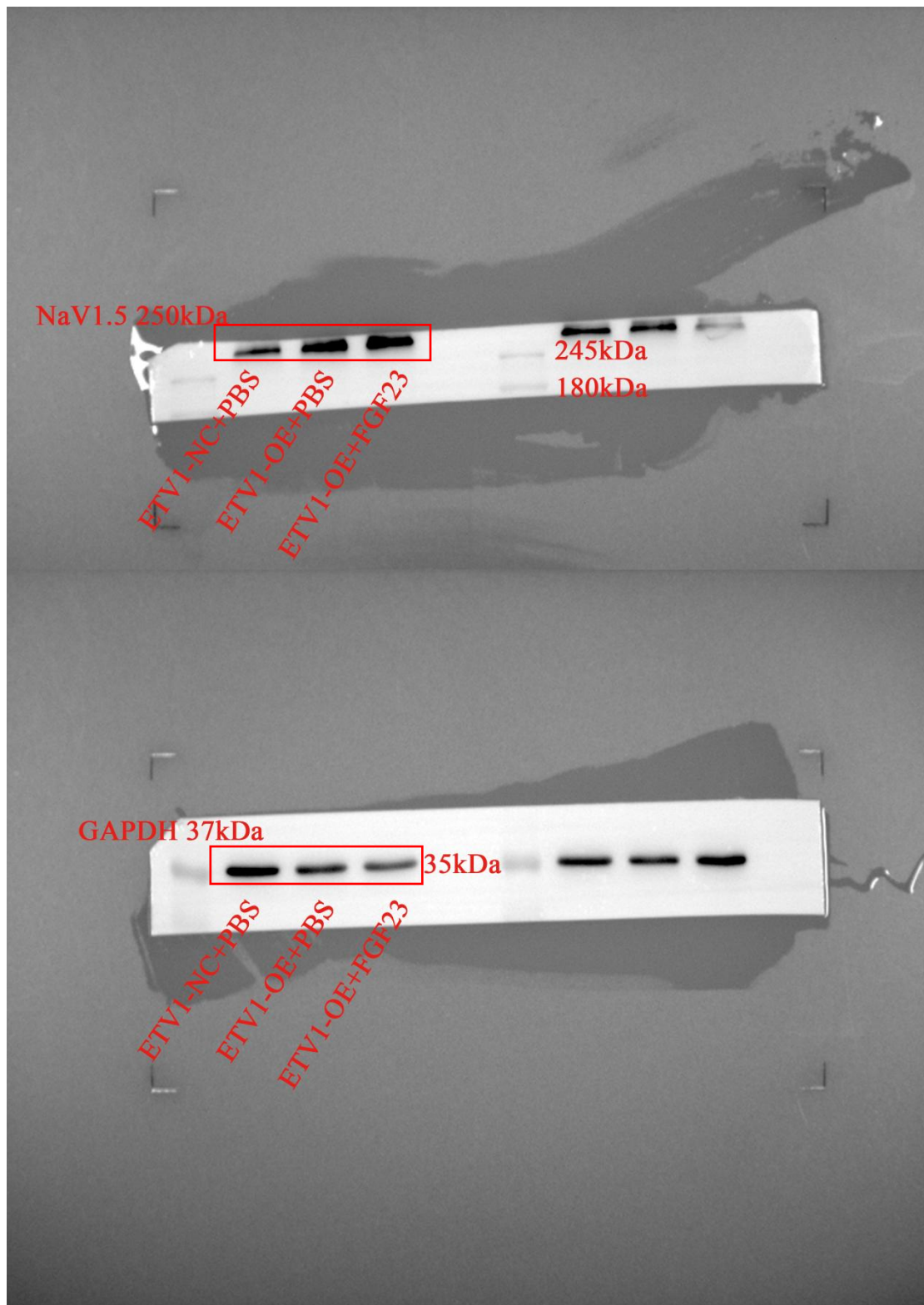
Supplementary Figure S11. Source images of the gels/blots presented in Figure 5J (SERCA) as originally captured. Molecular weight markers are indicated on the right of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files.



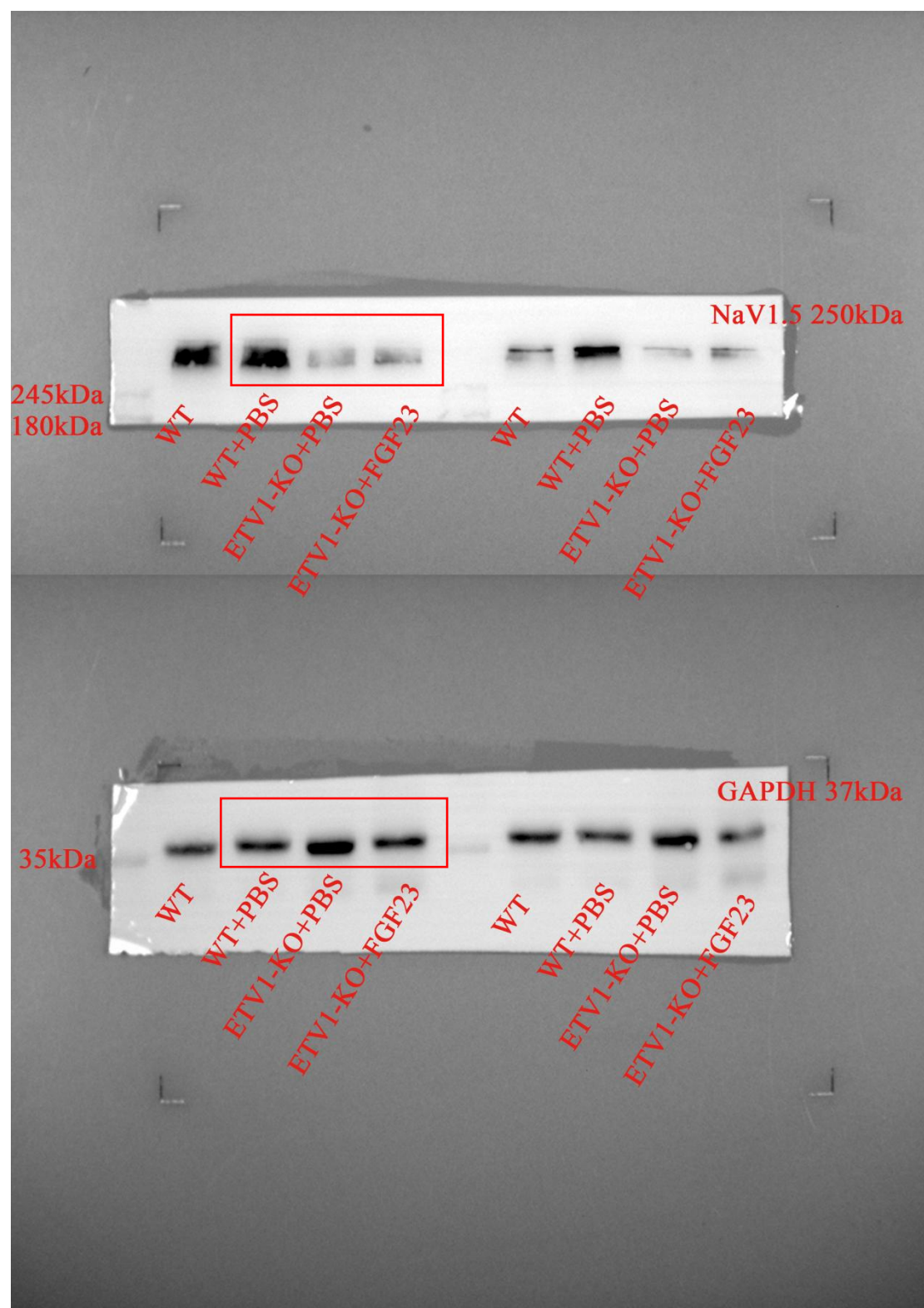
Supplementary Figure S12. Source images of the gels/blots presented in Figure 5K (CAMK) as originally captured. Molecular weight markers are indicated on the right of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files. Red boxes indicate the cropped regions displayed in Figure 5K.



Supplementary Figure S13. Source images of the gels/blots presented in Figure 6Q (Nav1.5) as originally captured. Molecular weight markers are indicated on the right of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files. Red boxes indicate the cropped regions displayed in Figure 6Q.



Supplementary Figure S14. Source images of the gels/blots presented in Figure 6S (Nav1.5) as originally captured. Molecular weight markers are indicated on the left. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files. Red boxes indicate the cropped regions displayed in Figure 6S.



Supplementary Figure S15. Source images of the gels/blots presented in Figure 70 (Nav1.5) as originally captured. Molecular weight markers are indicated on the right of each image. Lanes correspond to the same sample order as shown in the main figure. Full-length membranes were not retained; the images shown represent the original acquisition files. Red boxes indicate the cropped regions displayed in Figure 70.

Supplementary Table S1. Summary of supplementary figures showing original source images for each main figure panel

Supplementary Figure	Corresponding Main Figure	Target Protein
S1	Figure 2J	Nav1.5
S2	Figure 3I	Nav1.5
S3	Figure 4N	RYR2
S4	Figure 4O	CAV1.2
S5	Figure 4P	NCX
S6	Figure 4Q	SERCA
S7	Figure 4R	CAMK
S8	Figure 5G	RYR2
S9	Figure 5H	CAV1.2
S10	Figure 5I	NCX
S11	Figure 5J	SERCA
S12	Figure 5K	CAMK
S13	Figure 6Q	Nav1.5
S14	Figure 6S	Nav1.5
S15	Figure 7O	Nav1.5