NRF2 activation ameliorates blood-brain barrier injury after cerebral ischemic stroke by regulating ferroptosis and inflammation

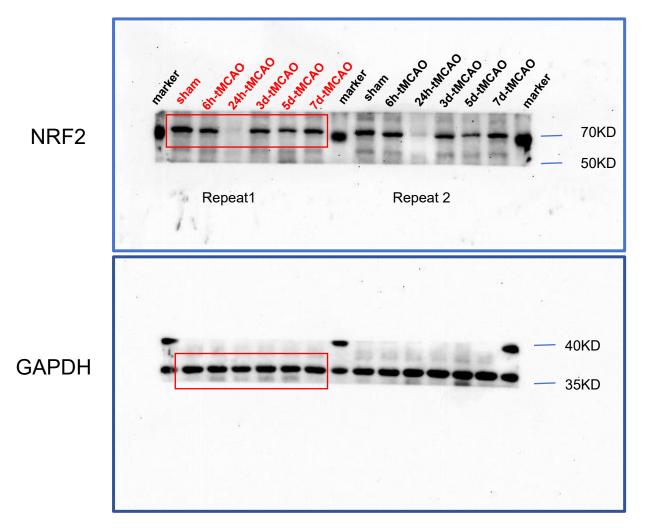
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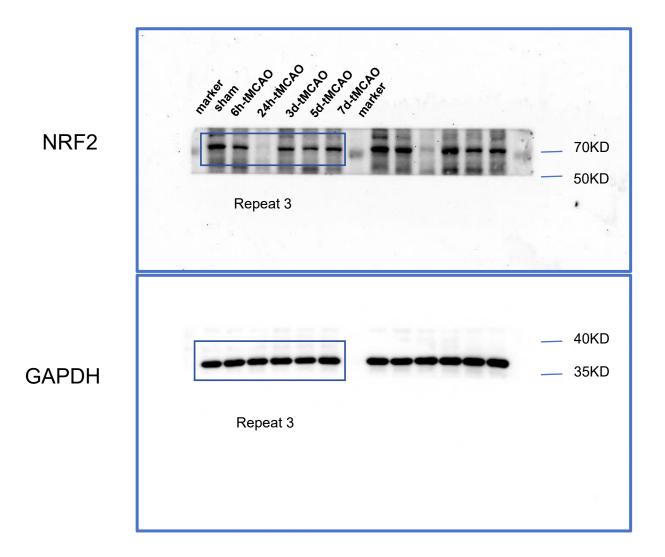
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*Corresponding author: Di Zhong (sjnkzhongdi@163.com).



The order of gel stripes in the red box is sham, 6htMCAO, 24h-tMCAO, 3dtMCAO, 5d-tMCAO, 7dtMCAO.

Supplementary Figure S1. Original Western blots of Figure 1A (red box circled). We completed the Western-blot experiment shown in this picture in the same gel. However, in order to incubate different primary antibodies, western blots were cropped prior to incubation with primary antibody hybridization. We repeated the experiment three times on a single gelatin plate.

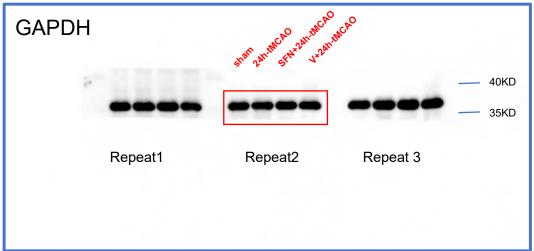


The order of gel stripes in the blue box is sham, 6htMCAO, 24h-tMCAO, 3dtMCAO, 5d-tMCAO, 7tMCAO.

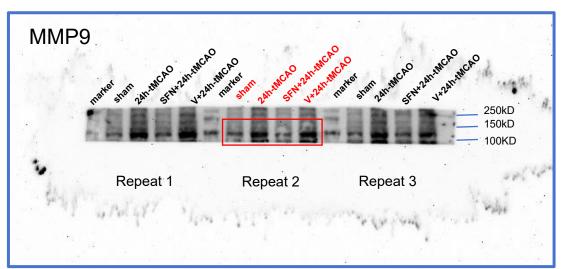
Supplementary Figure S2. Original Western blots of Figure 1A. We completed the Western-blot experiment shown in this picture in the same gel. However, in order to incubate different primary antibodies, western blots were cropped prior to incubation with primary antibody hybridization.. We repeated the experiment three times on a single gelatin plate.

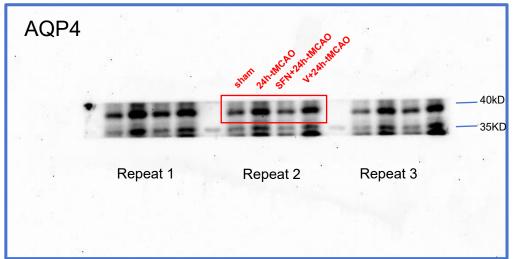


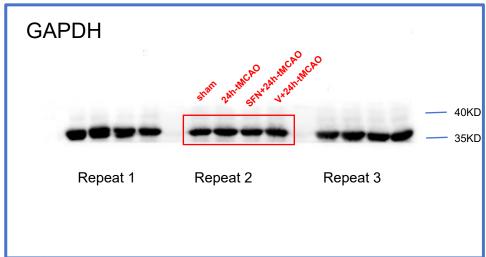




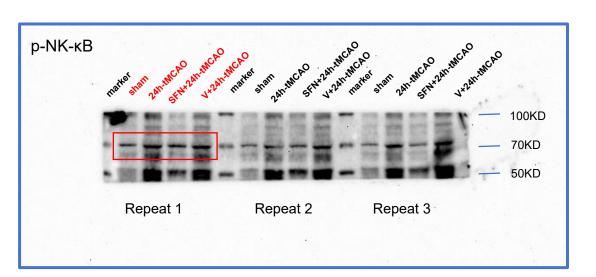
Supplementary Figure S3. Original Western blots of Figure 3A (red box circled). We completed the Western-blot experiment shown in this picture in the same gel. However, in order to incubate different primary antibodies, western blots were cropped prior to incubation with primary antibody hybridization.. We repeated the experiment three times on a single gelatin plate.

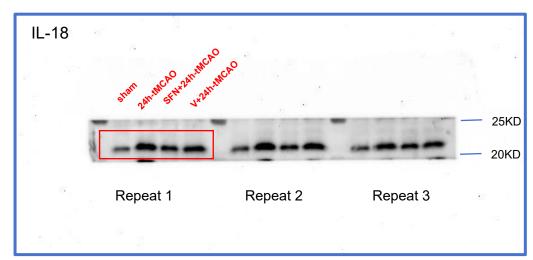


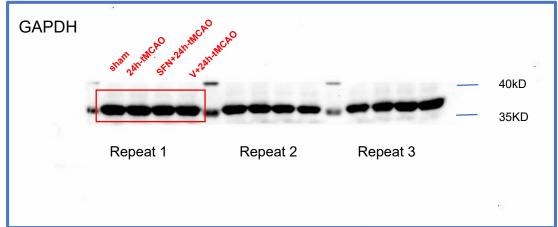


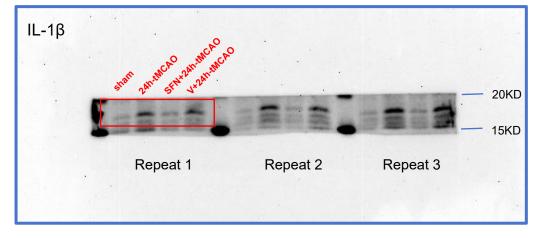


Supplementary Figure S4. Original Western blots of Figure 5A (red box circled). We completed the Western-blot experiment shown in this picture in the same gel. However, in order to incubate different primary antibodies, western blots were cropped prior to incubation with primary antibody hybridization. We repeated the experiment three times on a single gelatin plate.

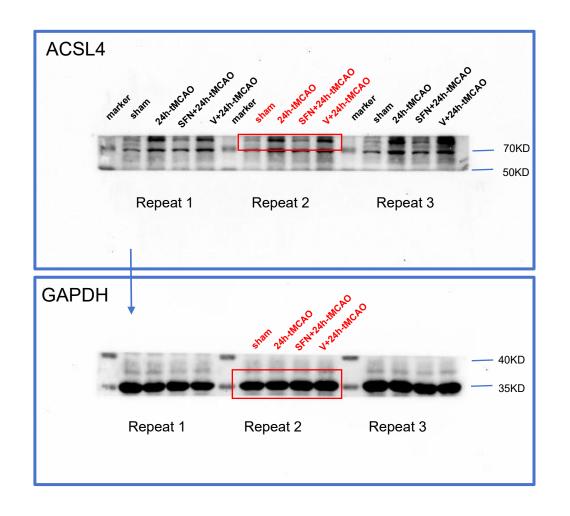


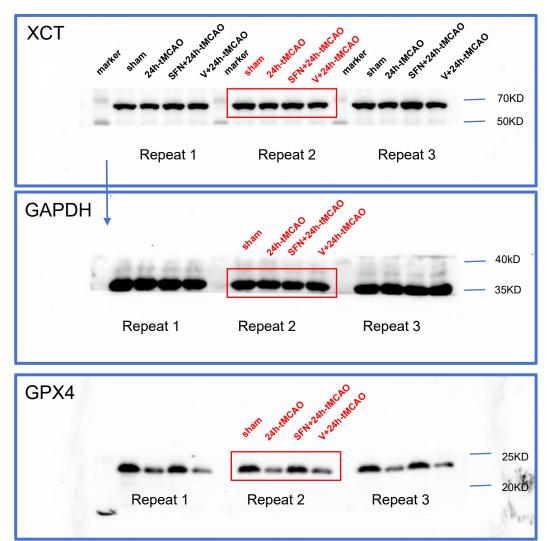






Supplementary Figure S5. Original Western blots of Figure 7A (red box circled). We completed the Western-blot experiment shown in this picture in the same gel. However, in order to incubate different primary antibodies, western blots were cropped prior to incubation with primary antibody hybridization.. We repeated the experiment three times on a single gelatin plate.





Supplementary Figure S6. Original Western blots of Figure 7C (red box circled). We completed the Western-blot experiment shown in this picture in the same gel. However, in order to incubate different primary antibodies, western blots were cropped prior to incubation with primary antibody hybridization.. We repeated the experiment three times on a single gelatin plate.

Figure S1-NRF2

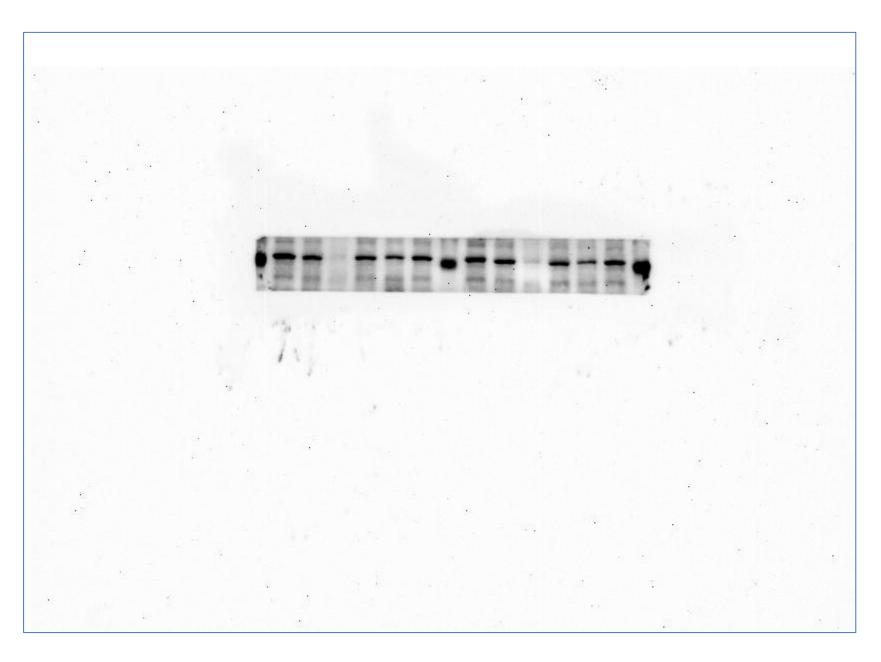


Figure S1-GAPDH

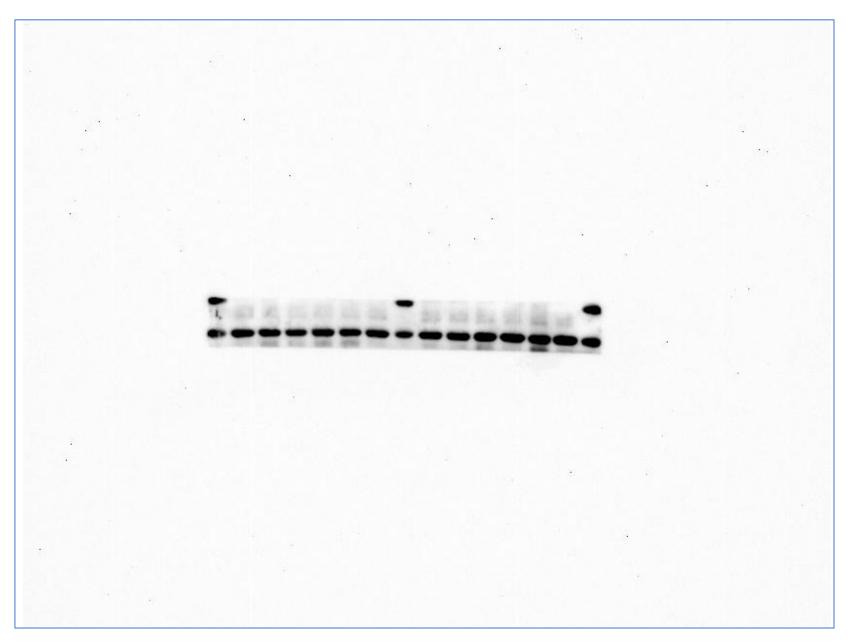


Figure S2-NRF2

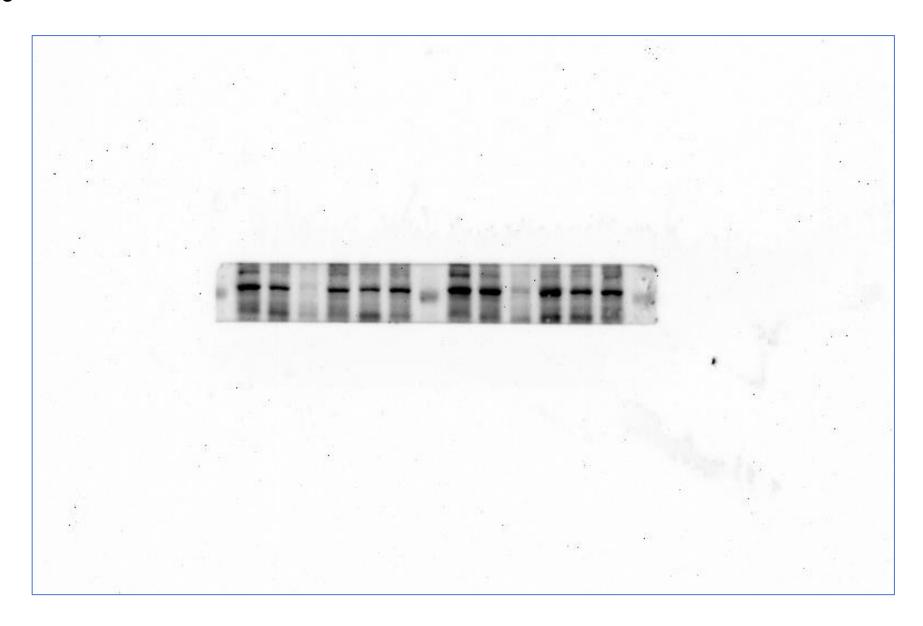


Figure S2-GAPDH



Figure S3-ZO-1

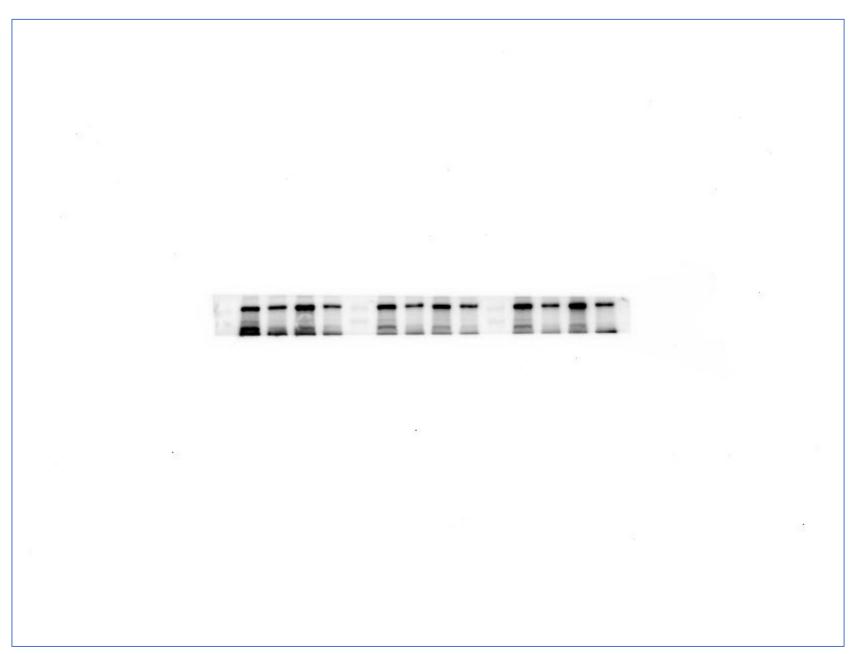


Figure S3-Occludin



Figure S3-GAPDH



Figure S4-MMP9

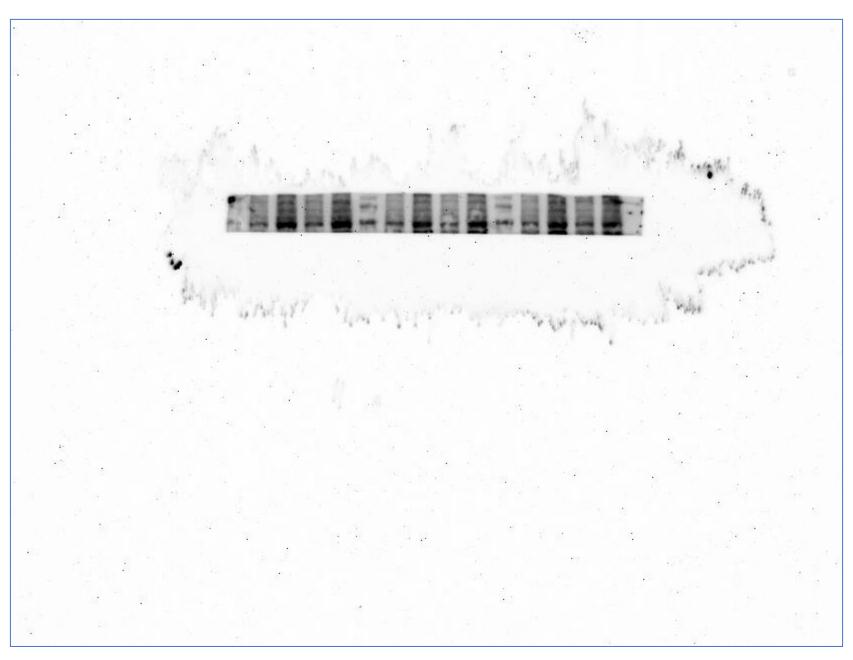


Figure S4-AQP4

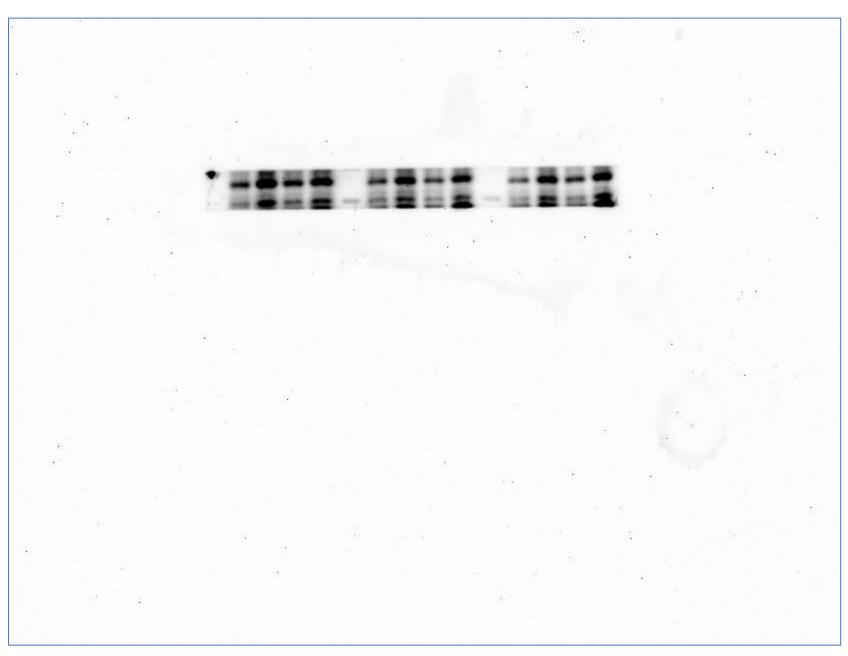


Figure S4-GAPDH

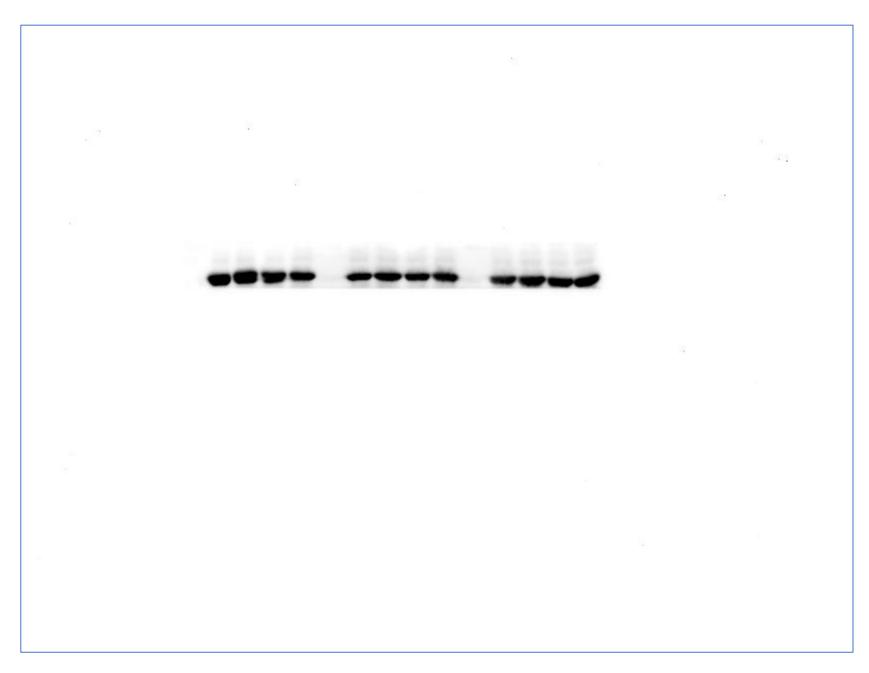


Figure S5-p-NK-κB

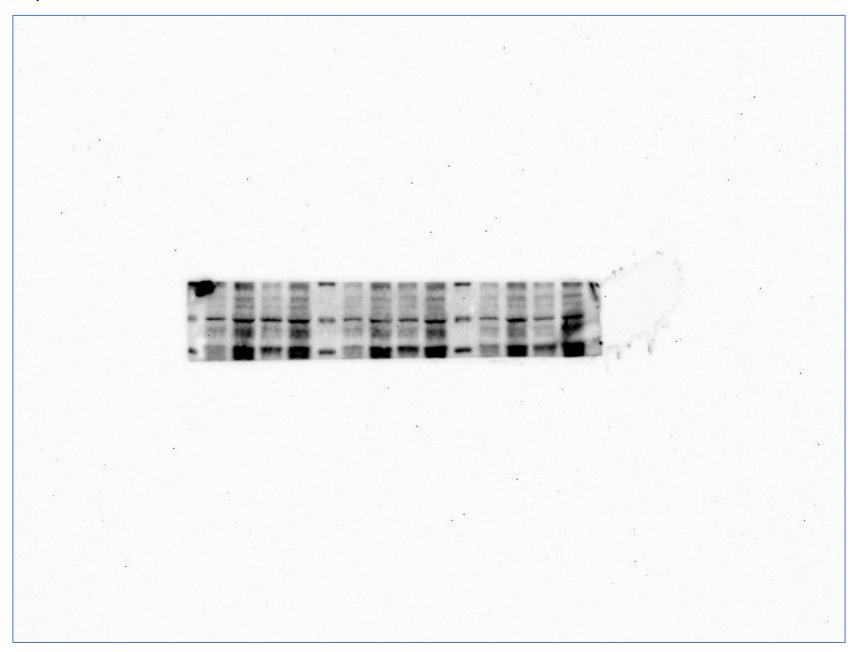


Figure S5-IL-18

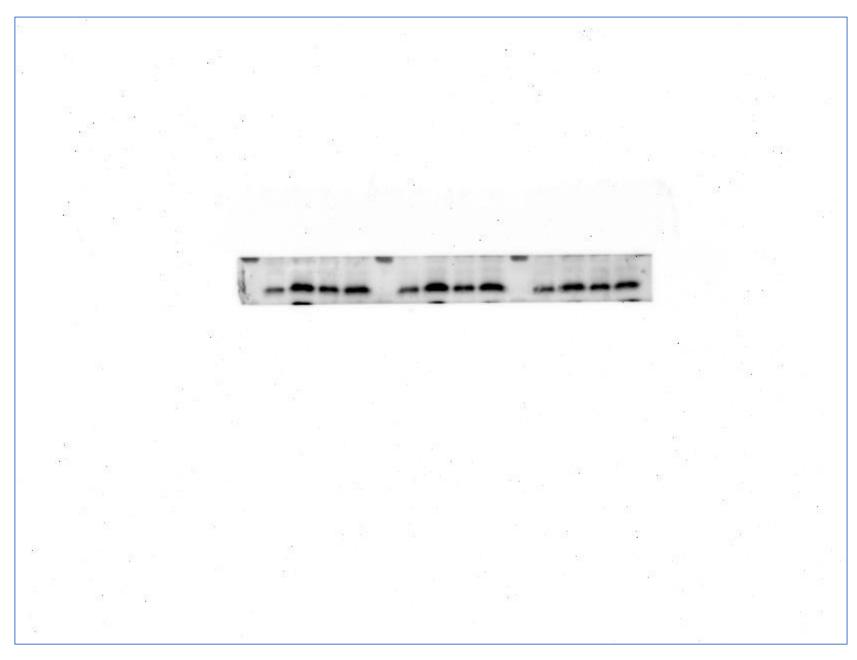


Figure S5-IL-1β

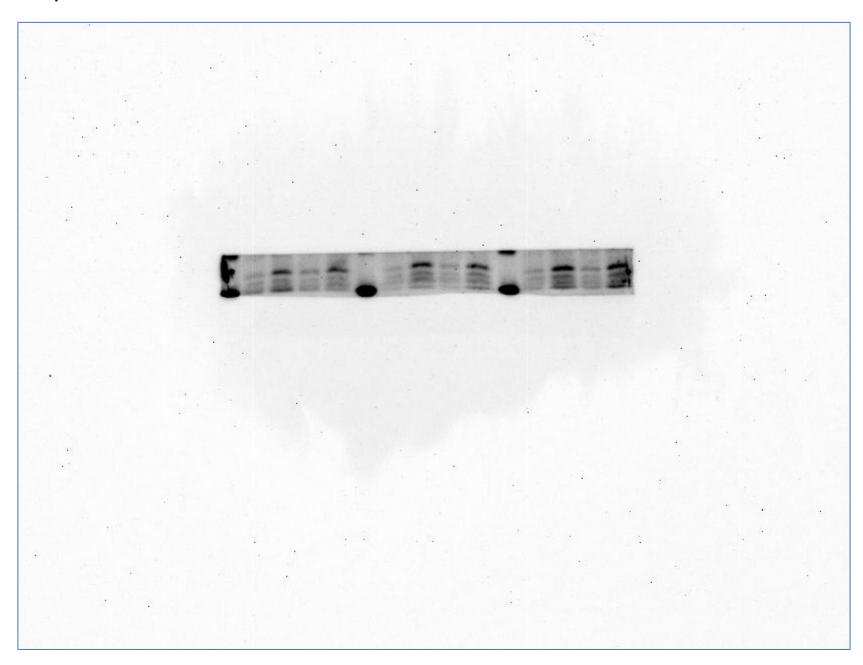


Figure S5-GAPDH

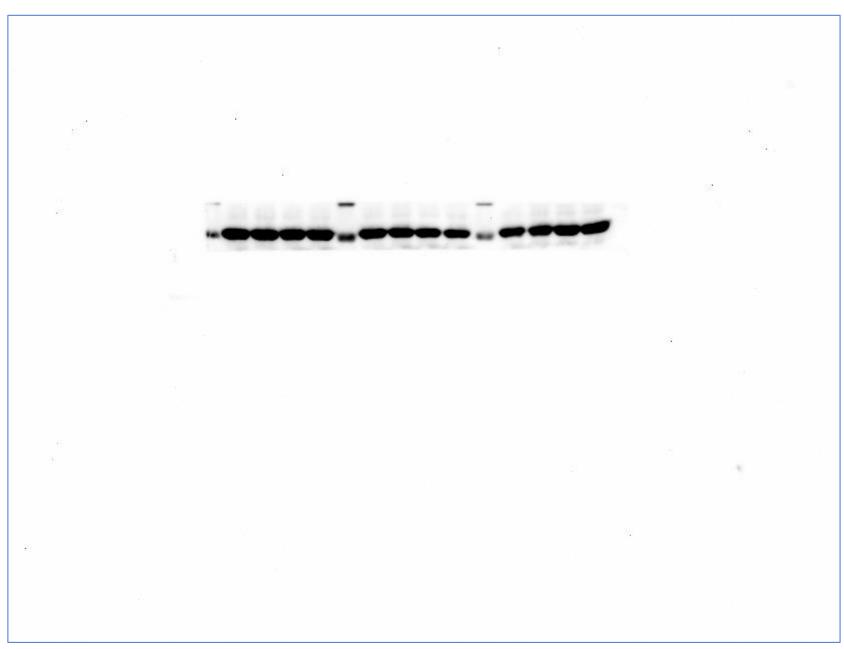


Figure S6-ACSL4

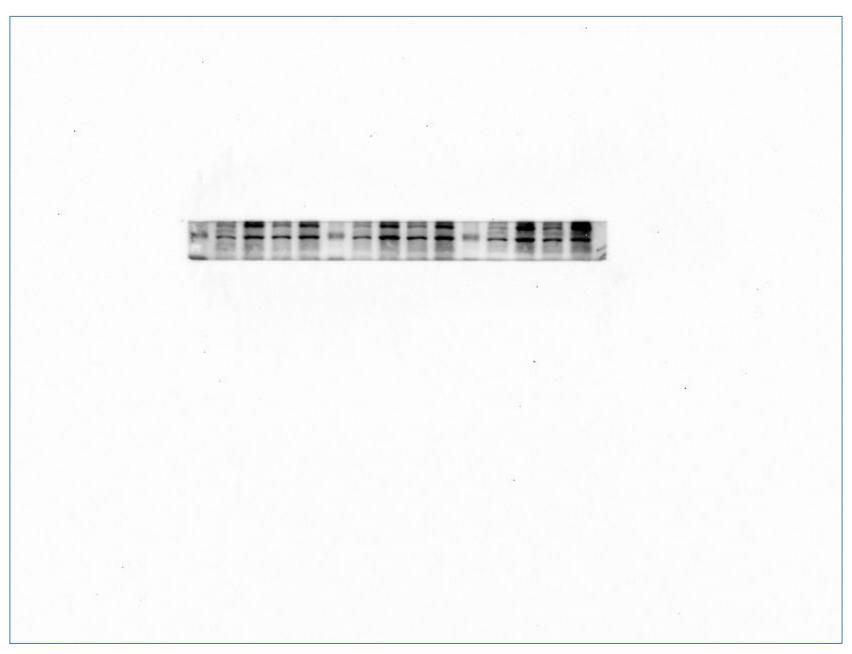


Figure S6-GAPDH

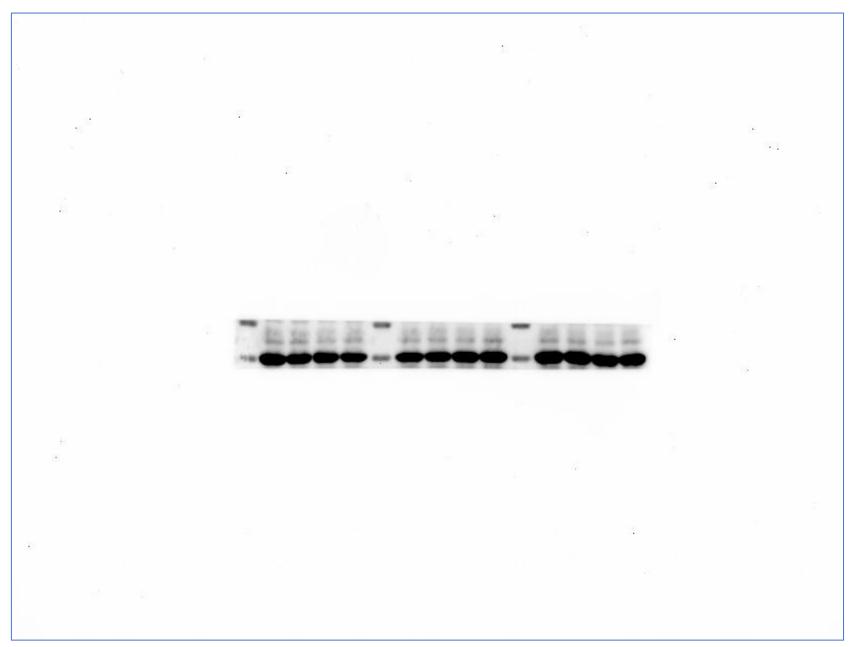


Figure S6-XCT

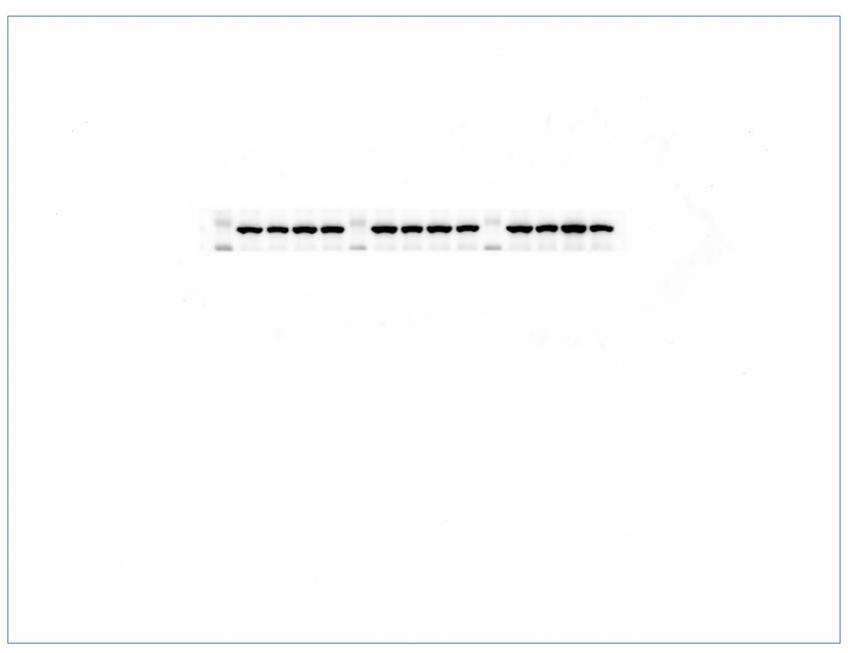


Figure S6-GPX4

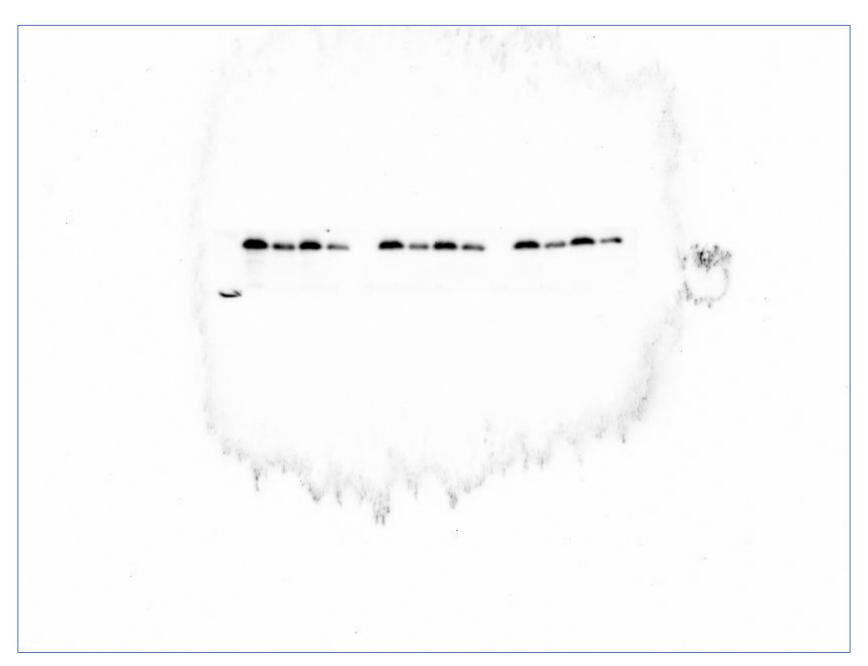


Figure S6-GAPDH

