

Supplementary material

Canagliflozin attenuates isoprenaline-induced cardiac oxidative stress by stimulating multiple antioxidant and anti-inflammatory signaling pathways

Raquibul Hasan^{a*}, Shoumen Lasker^b, Ahasanul Hasan^a, Farzana Zerina^a, Mushfera Zamila^b, Faizul Islam Chowdhury^b, Shariful Islam Nayan^b, Md. Mizanur Rahman^b, Ferdous Khan^b, Nusrat Subhan^b and Md. Ashraful Alam^{b*}

^aDepartment of Pharmaceutical Sciences, College of Pharmacy, Mercer University, Atlanta, GA 30341, United States

^bDepartment of Pharmaceutical Sciences, North South University, Dhaka 1229, Bangladesh

***Correspondence:**

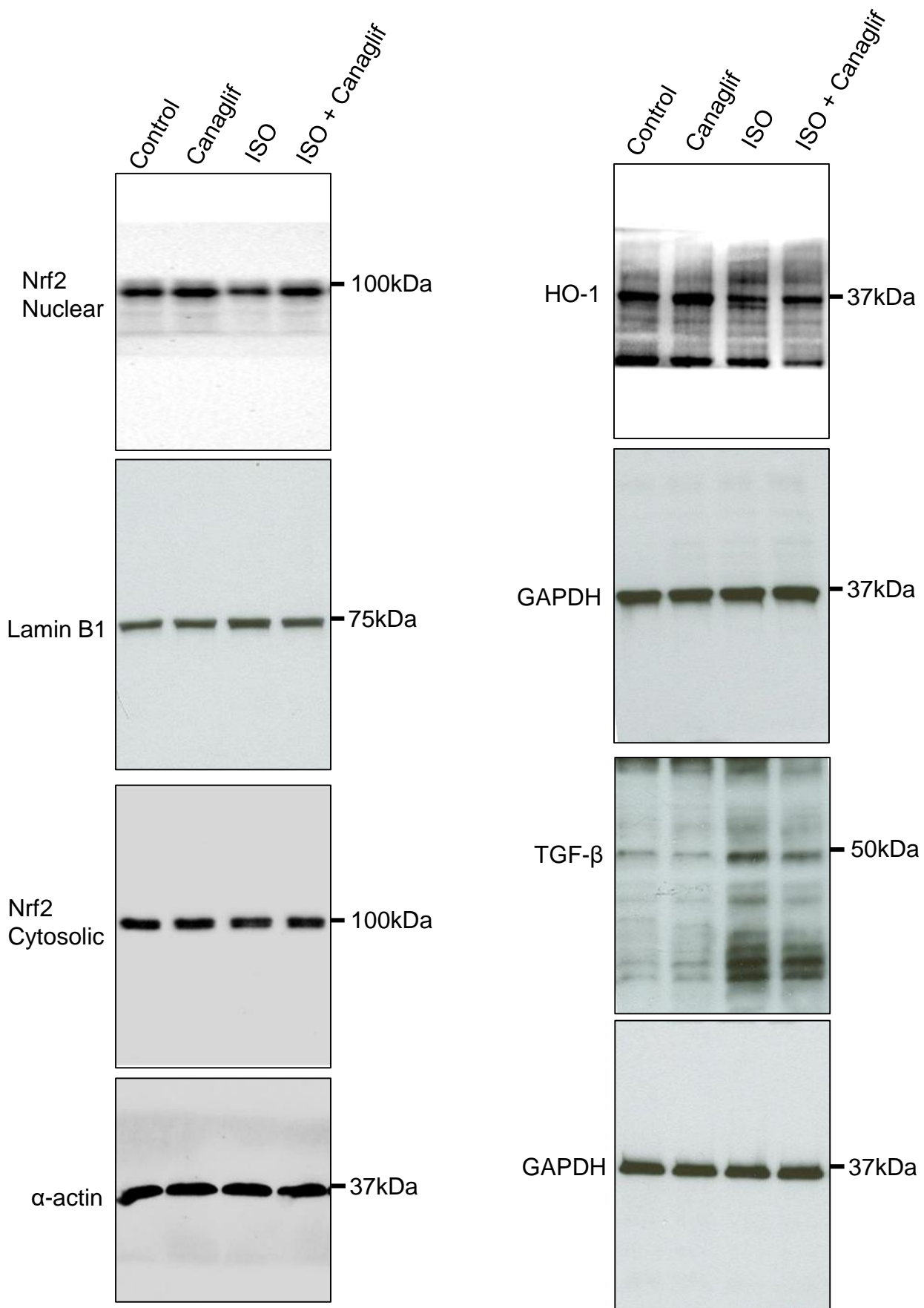
Dr Md. Ashraful Alam, Associate Professor, Department of Pharmaceutical Sciences, North South University, Bashundhara, Dhaka, 1229, Bangladesh.

E-mail: ashraful.alam@northsouth.edu

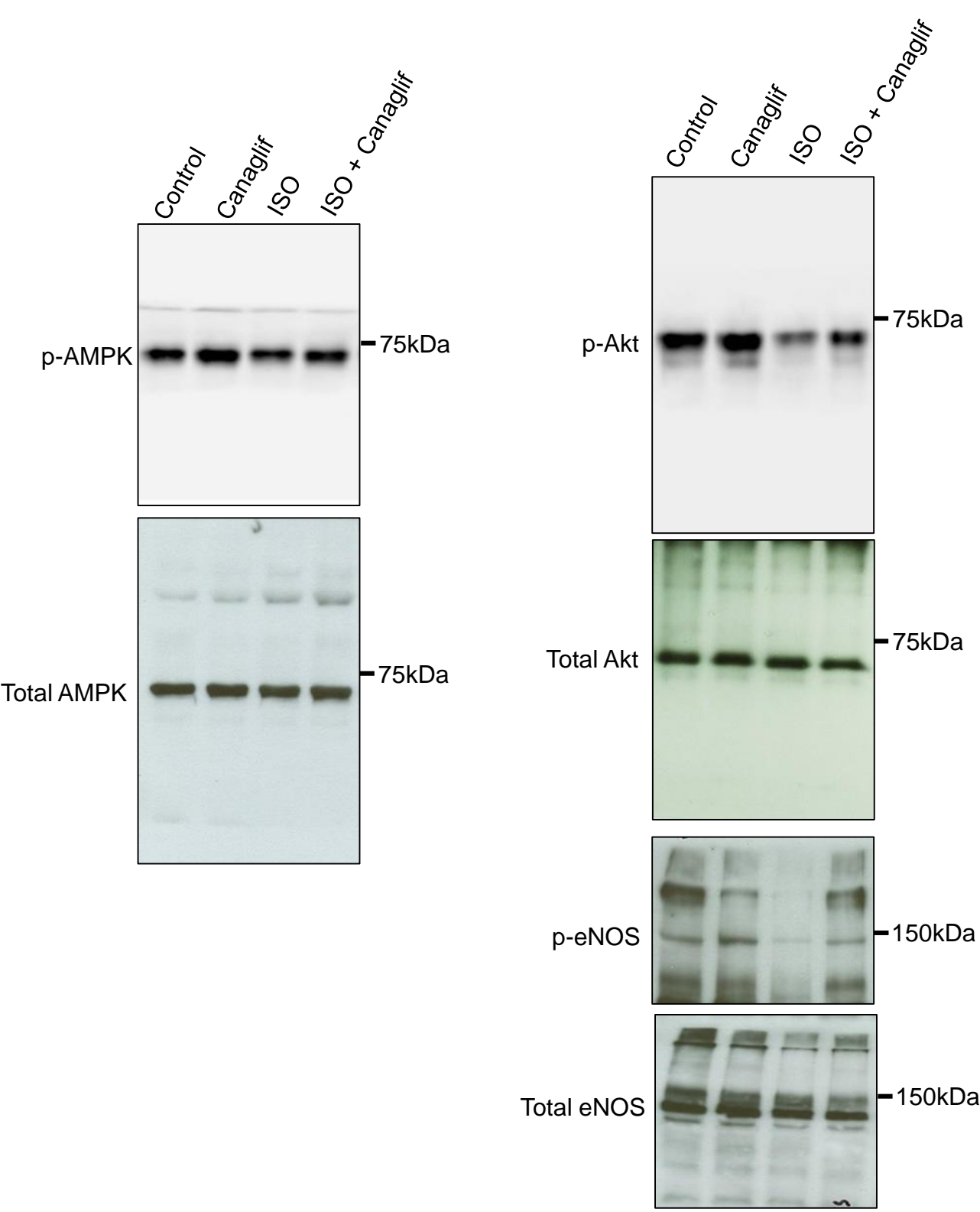
And

Dr Raquibul Hasan, Assistant Professor, Department of Pharmaceutical Sciences, College of Pharmacy, Mercer University, 3001 Mercer University Drive, Atlanta, GA 30341, United States.

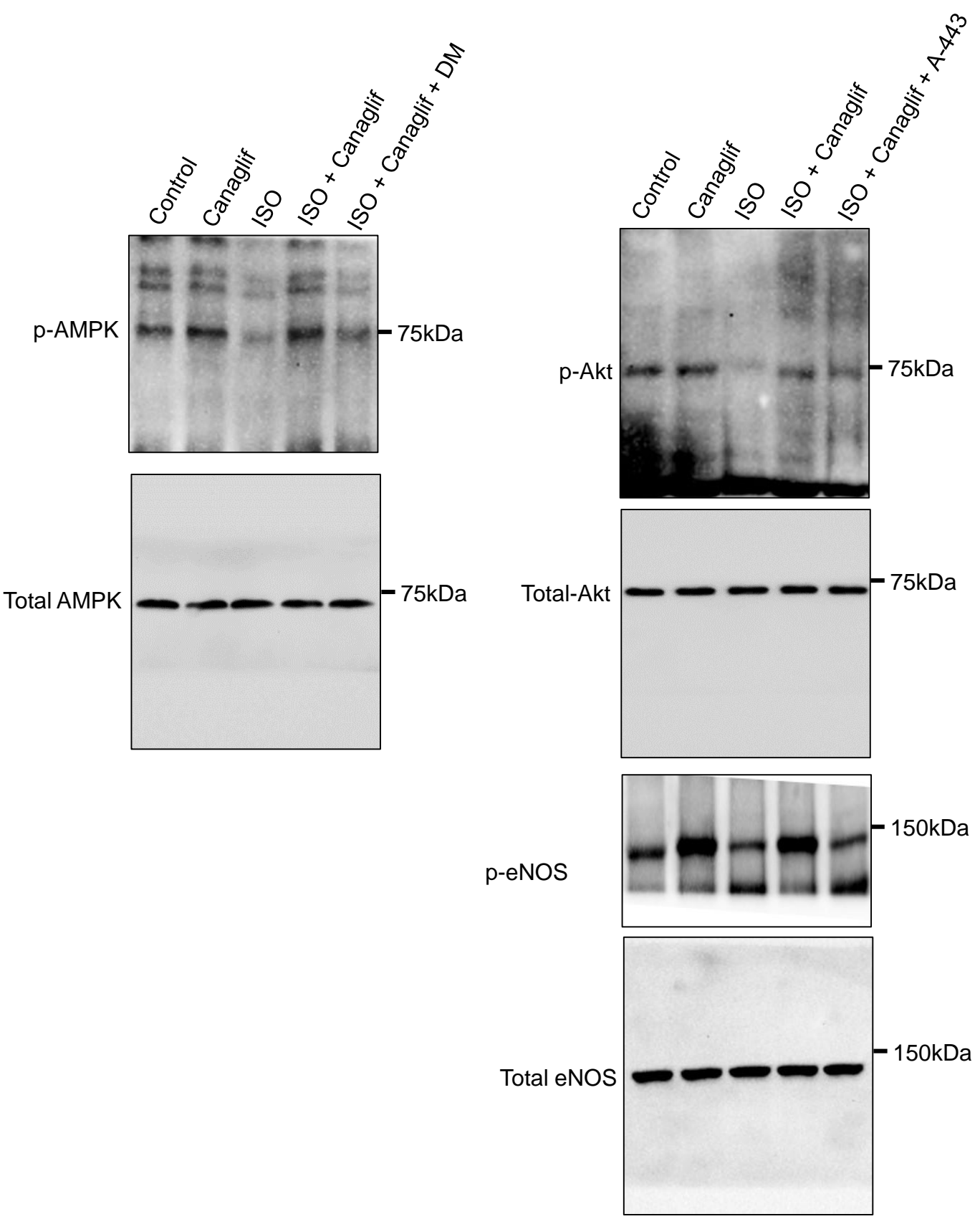
E-mail: hasan_r@mercer.edu



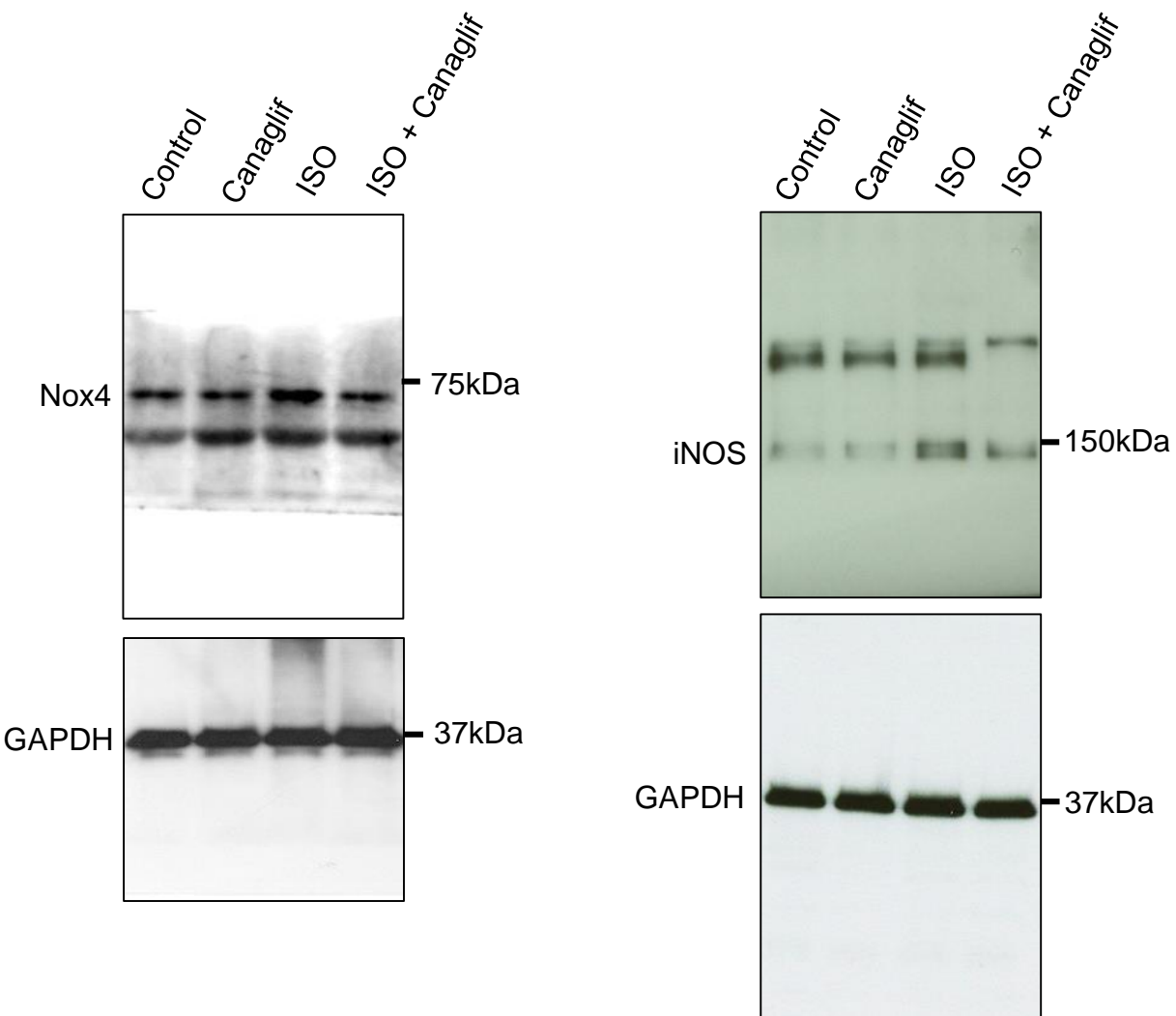
Supplementary Figure 1: Full-length Western blot images for Nrf2, Lamin B1, α -actin, HO-1, GAPDH and TGF- β representing Western blot images in Figure 5.



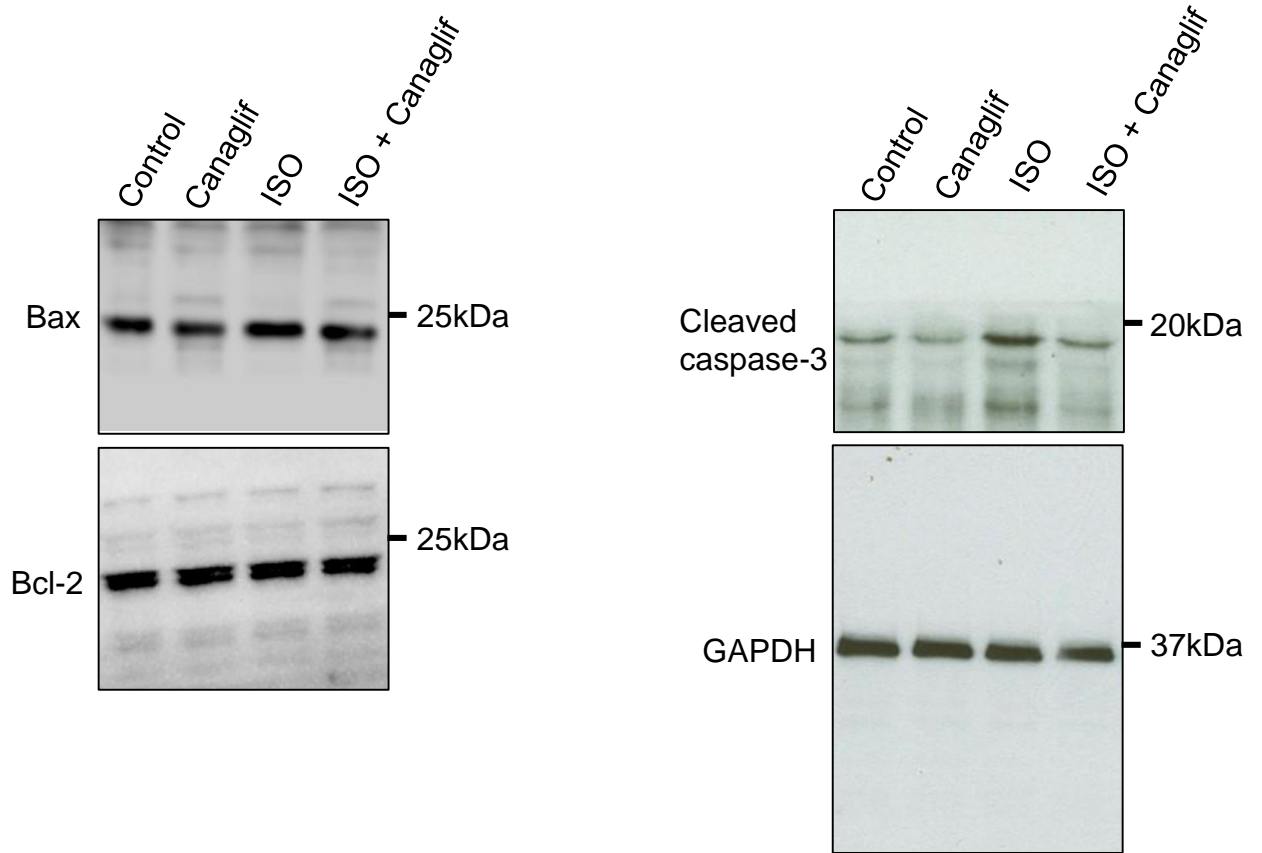
Supplementary Figure 2: Full-length Western blot images for p-AMPK, total AMPK, p-Akt, total Akt, p-eNOS and total eNOS representing Western blot images in Figure 6.



Supplementary Figure 3: Full-length Western blot images for p-AMPK, total AMPK, p-Akt, total Akt, p-eNOS and total eNOS representing Western blot images in Figure 7.



Supplementary Figure 4: Full-length Western blot images for Nox4, GAPDH and iNOS proteins representing Western blot images in Figure 8.



Supplementary Figure 5: Full-length Western blot images for Bax, Bcl-2, cleaved caspase-3 and GAPDH representing Western blot images in Figure 9.