Supplementary Figures

N-oleoylethanolamide Improves Cell Number Expansion and Mitochondrial Dynamics of Lymphoblasts Deficient in Tafazzin

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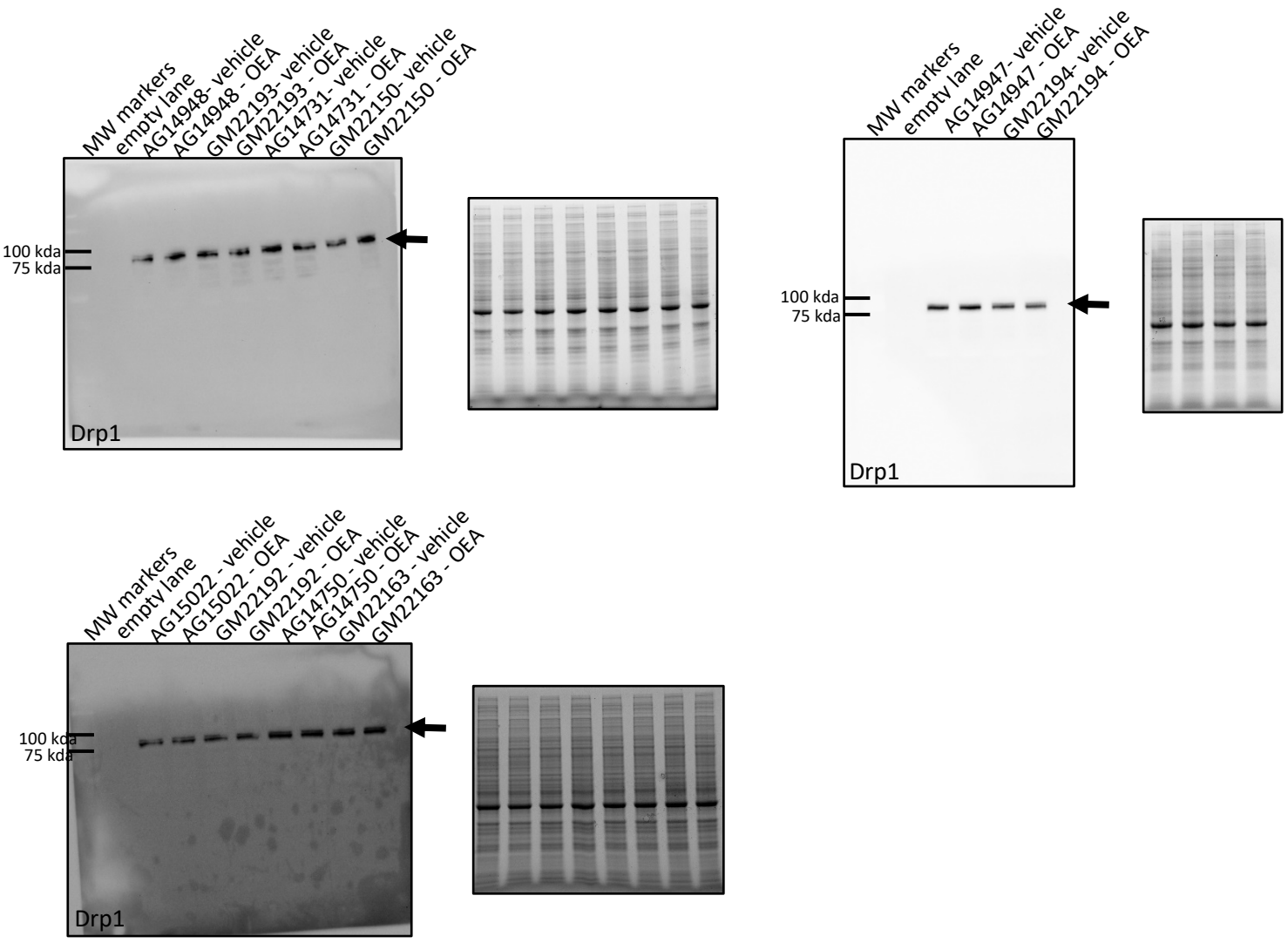
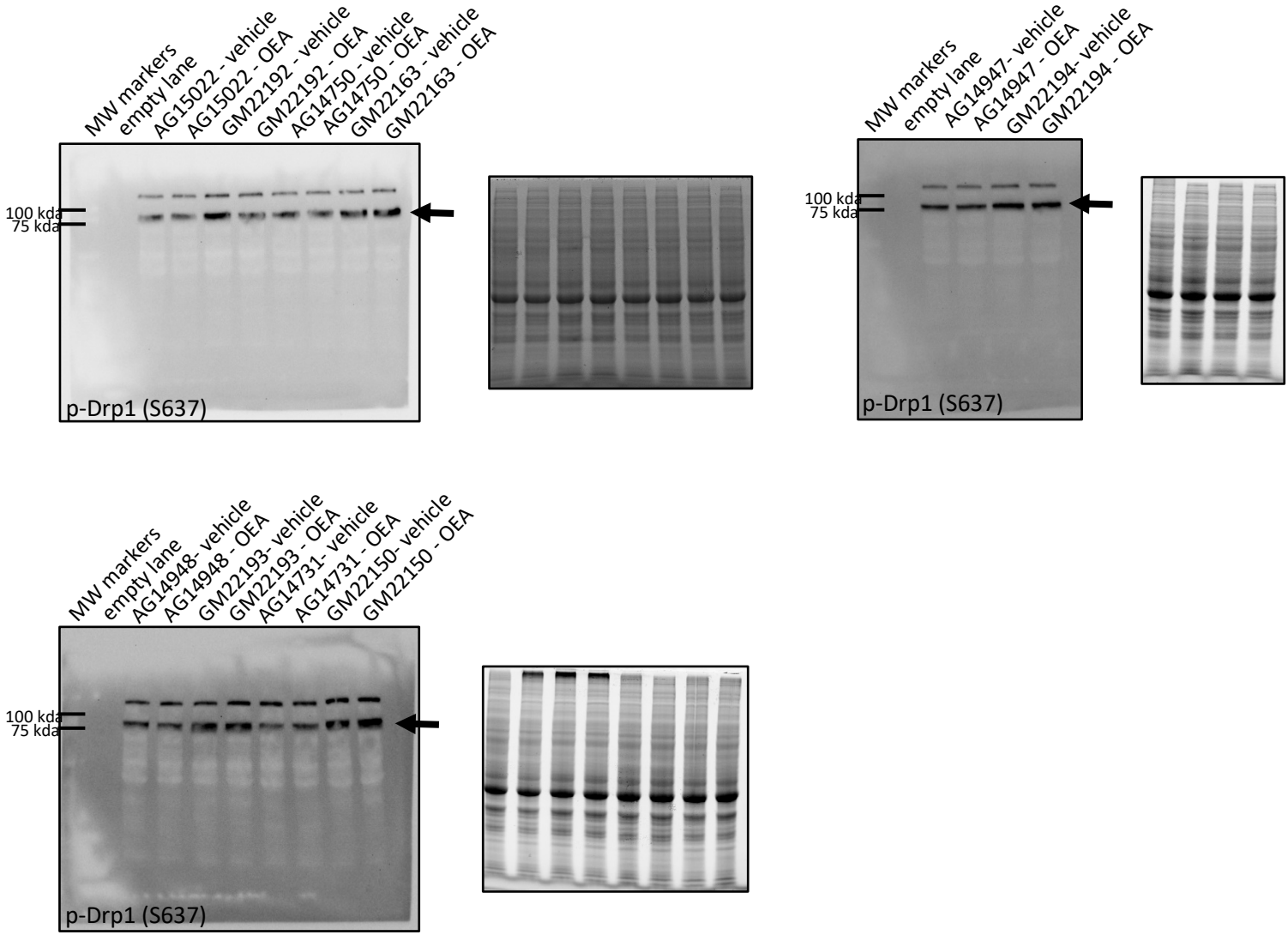
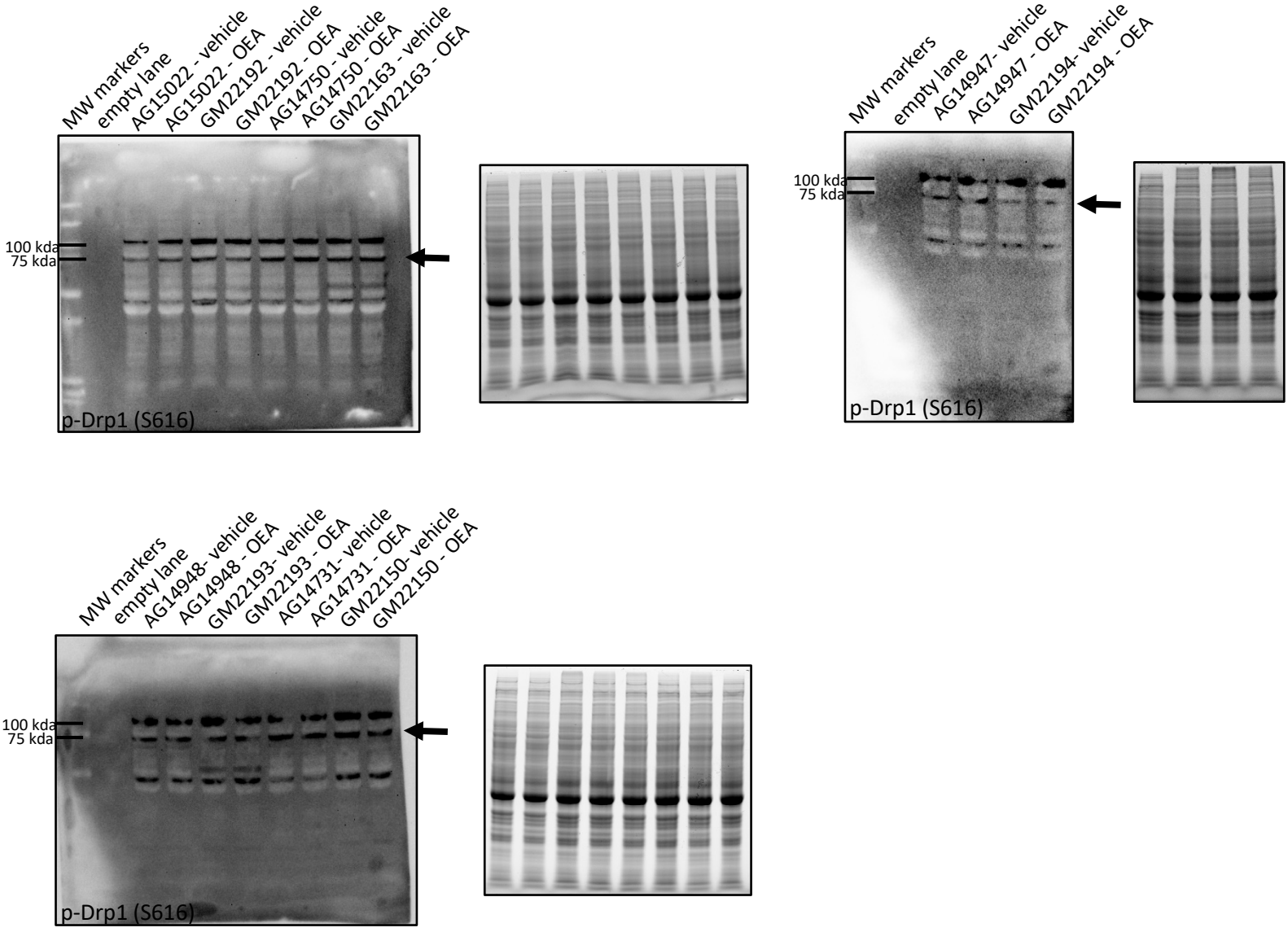


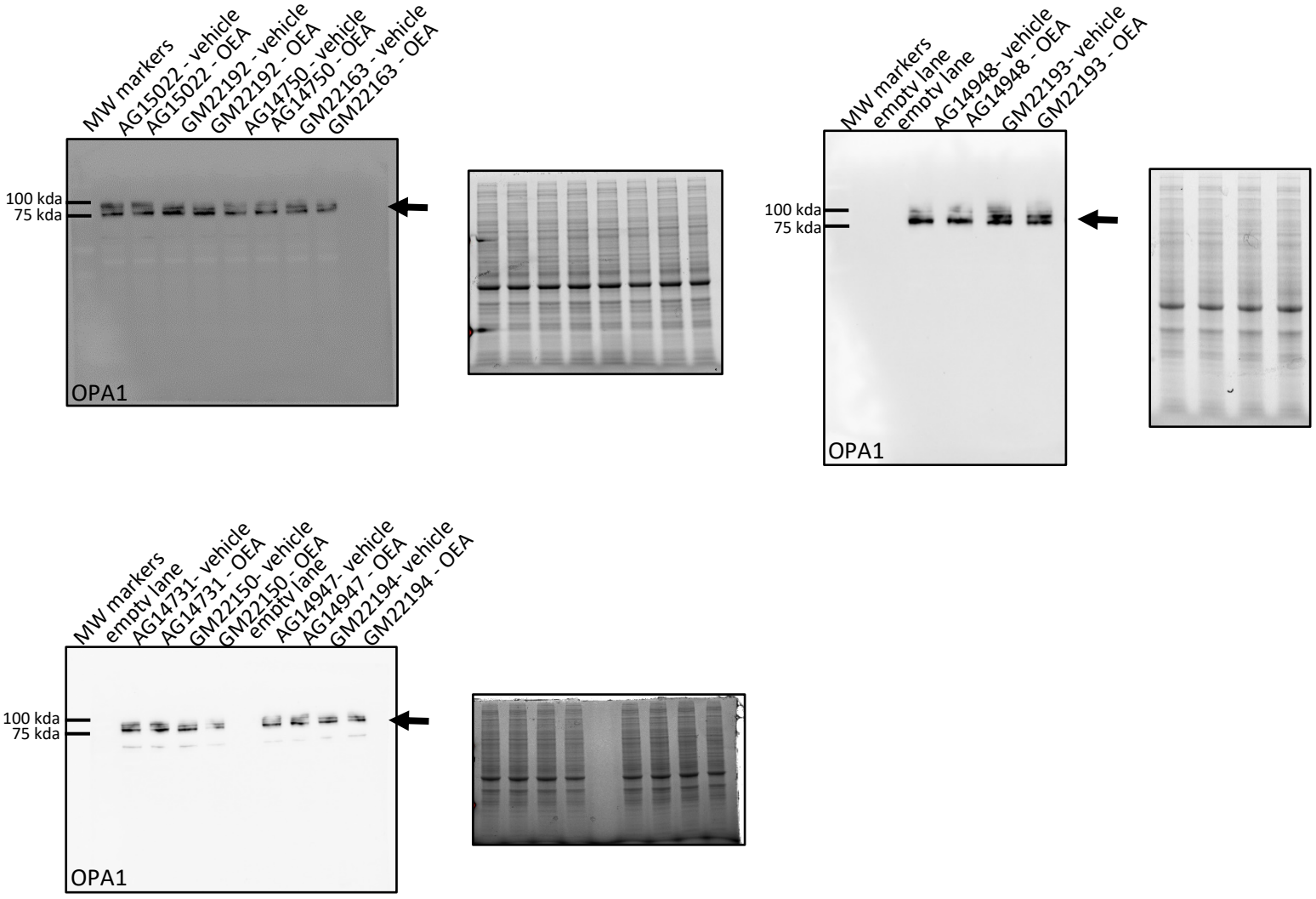
Supplementary Figure 1. Full-length/uncropped/unfiltered immunoblots of DRP1 (~78-82 kDa) in five individual healthy and BTHS lymphoblasts donors treated with vehicle or 1 μM OEA as indicated above the image. Arrows indicate the DRP1 band. Total protein loading for each gel was visualized by UV-imaging of stain-free gels (Bio-Rad Canada, Mississauga, Ontario, Canada), and those images are shown in the panel to the right of each immunoblot.



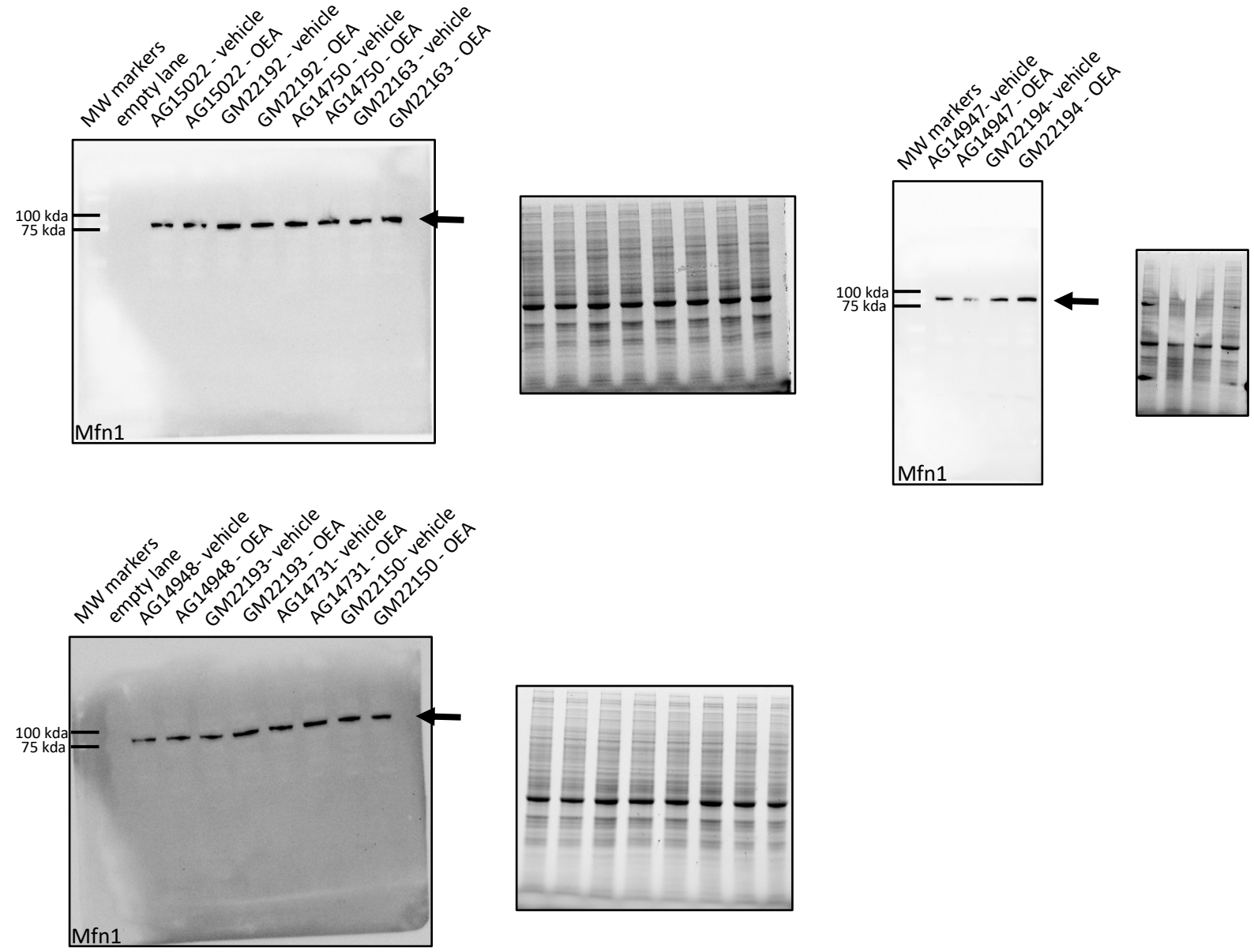
Supplementary Figure 2. Full-length/uncropped/unfiltered blots of p-Drp1 (S637) (~78 - 82 kDa) in five individual healthy and BTHS lymphoblasts donors treated with vehicle or 1 μM OEA as indicated above the image. Arrows indicate the p-Drp1 (S637) band. Total protein loading for each gel was visualized by UV-imaging of stain-free gels (Bio-Rad Canada, Mississauga, Ontario, Canada), and those images are shown in the panel to the right of each immunoblot.



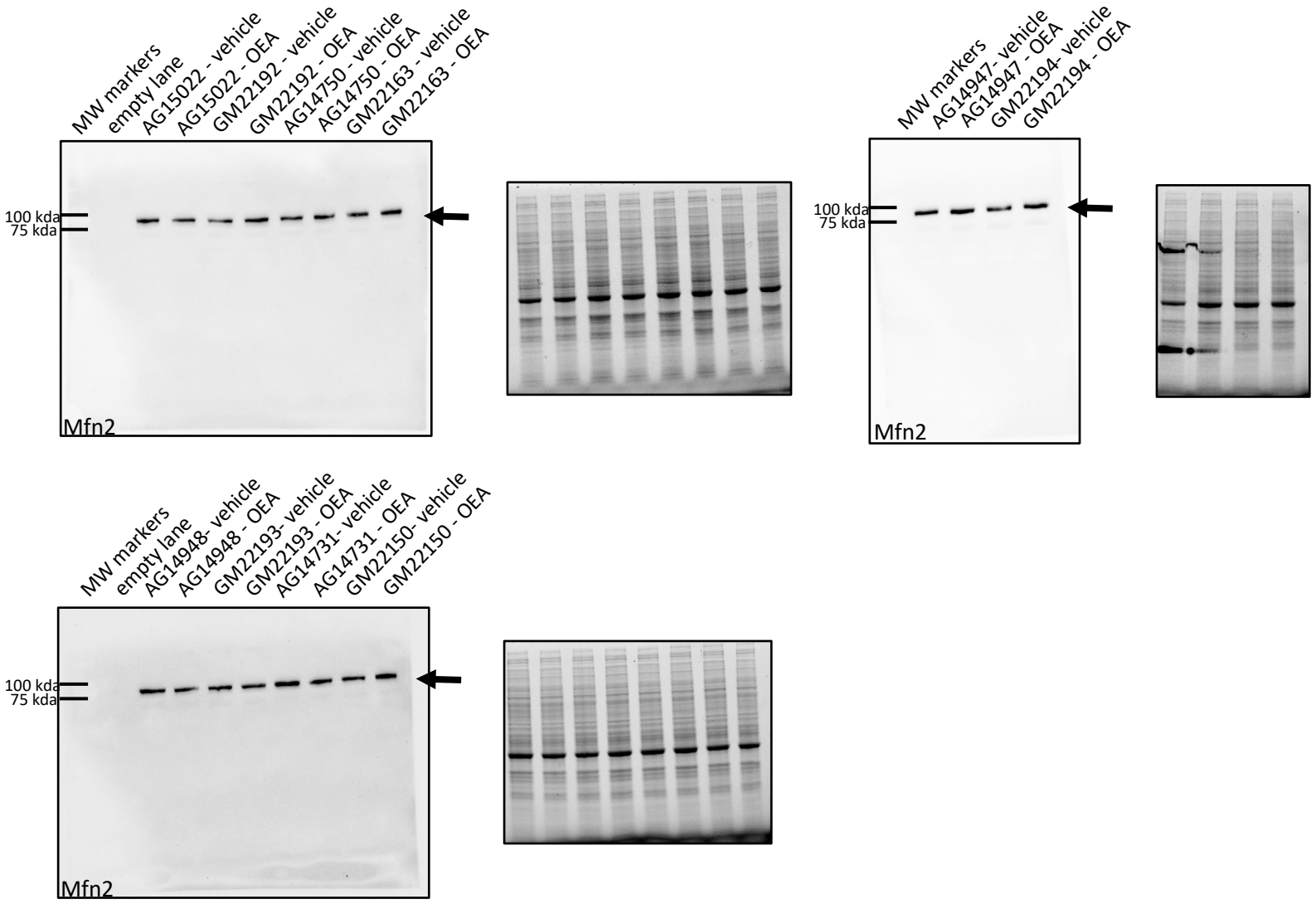
Supplementary Figure 3. Full-length/uncropped/unfiltered blots of p-Drp1 (S616) (~78 - 82 kDa) in five individual healthy and BTHS lymphoblasts donors treated with vehicle or 1 μM OEA as indicated above the image. Arrows indicate the p-Drp1 (S616) band. Total protein loading for each gel was visualized by UV-imaging of stain-free gels (Bio-Rad Canada, Mississauga, Ontario, Canada), and those images are shown in the panel to the right of each immunoblot.



Supplementary Figure 4. Full-length/uncropped/unfiltered blots of OPA1 (~80 - 100 kDa) in five individual healthy and BTHS lymphoblasts donors treated with vehicle or 1 μM OEA as indicated above the image. Arrows indicate the OPA1 band. Total protein loading for each gel was visualized by UV-imaging of stain-free gels (Bio-Rad Canada, Mississauga, Ontario, Canada), and those images are shown in the panel to the right of each immunoblot.



Supplementary Figure 5. Full-length/uncropped/unfiltered blots of Mfn1 (~82 kDa) in five individual healthy and BTHS lymphoblasts donors treated with vehicle or 1 μM OEA as indicated above the image. Arrows indicate the Mfn1 band. Total protein loading for each gel was visualized by UV-imaging of stain-free gels (Bio-Rad Canada, Mississauga, Ontario, Canada), and those images are shown in the panel to the right of each immunoblot.



Supplementary Figure 6. Full-length/uncropped/unfiltered blots of Mfn2 (~80 kDa) in five individual healthy and BTHS lymphoblasts donors treated with vehicle or 1 μM OEA as indicated above the image. Arrows indicate the Mfn2 band. Total protein loading for each gel was visualized by UV-imaging of stain-free gels (Bio-Rad Canada, Mississauga, Ontario, Canada), and those images are shown in the panel to the right of each immunoblot.