INFLUENCE OF SEX AND TIME ON CARDIAC REMODELING INDUCED BY VITAMIN D SUPPLEMENTATION

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SUPPLEMENTARY MATERIAL

Western blot sample distribution:

Membrane 1:

C60M	C60M	C60M	C60M	C60M	C60M	C60M	C60M	VD60M	VD60M	VD60M	VD60M	VD60M	VD60M

Membrane 2:

VD60M	VD60M	VD60M	C40M	C40M	C40M	C40M	C40M	C40M	C40M	C40M	VD40M	VD40M	VD60M

Membrane 3:

VD40M	VD40M	VD40M	VD40M	VD40M	VD40M	VD40M	C20M	C20M	C20M	C20M	C20M	C20M	VD60M

Membrane 4:

C20M	C20M	VD20M	VD20M	VD20M	VD20M	VD20M	VD20M	VD20M	VD20M	VD20M	C60F	C60F	VD60F

Membrane 5:

C60F	C60F	C60F	C60F	C60F	C60F	VD60F	VD60F	VD60F	VD60F	VD60F	VD60F	VD60F	VD60M

Membrane 6:

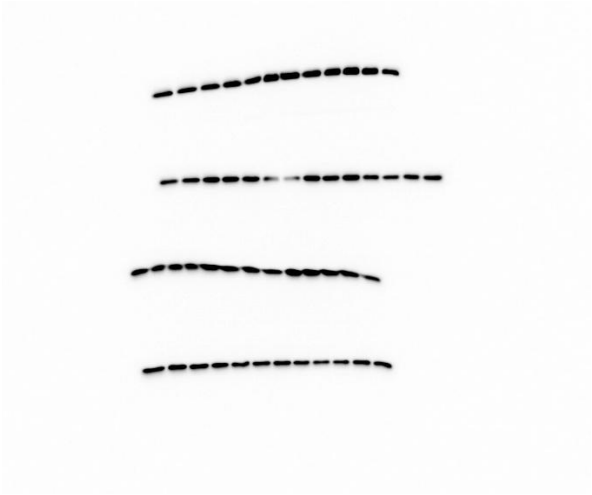
VD60F	VD60F	C40F	C40F	C40F	C40F	C40F	C40F	C40F	VD60M

Membrane 7:

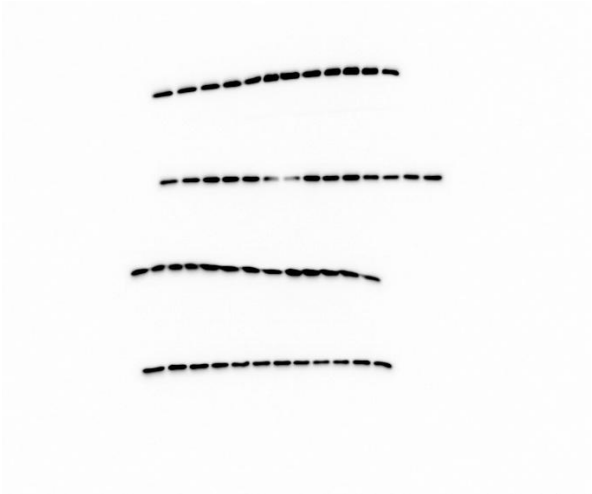
C40M	VD40F	VD40F	VD40F	VD40F	VD40F	VD40F	VD40F	VD40F	C40F	C20F	C20F	C20F	VD60M

Membrane 8:

C20F	C20F	C20F	C20F	C20F	VD20F	VD20F	VD20F	VD20F	VD20F	VD20F	VD20F	VD20F	VD60M



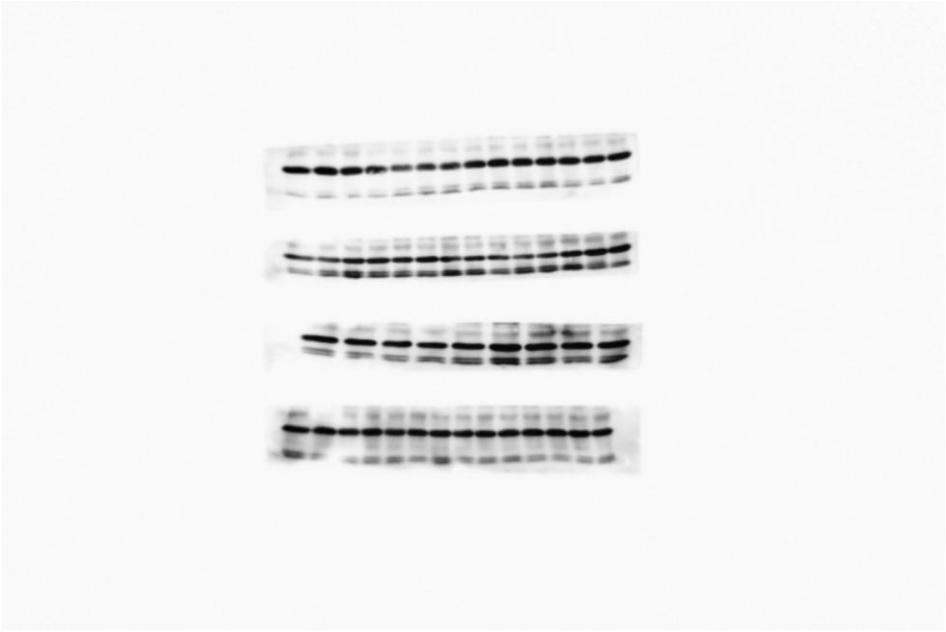
Supplementary Figure 1 - Original Western blot images of Gluthatione Peroxidase 1 (Molecular weight: 23 kDa) from membranes 2, 5, 3 and 4, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section. Lateral membrane edges are not fully visible due to imaging conditions and white background.



Supplementary Figure 2 - Original Western blot images of Gluthatione Peroxidase 1(Molecular weight: 23 kDa) from membranes 7, 1, 6 and 8, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section. Lateral membrane edges are not fully visible due to imaging conditions and white background.

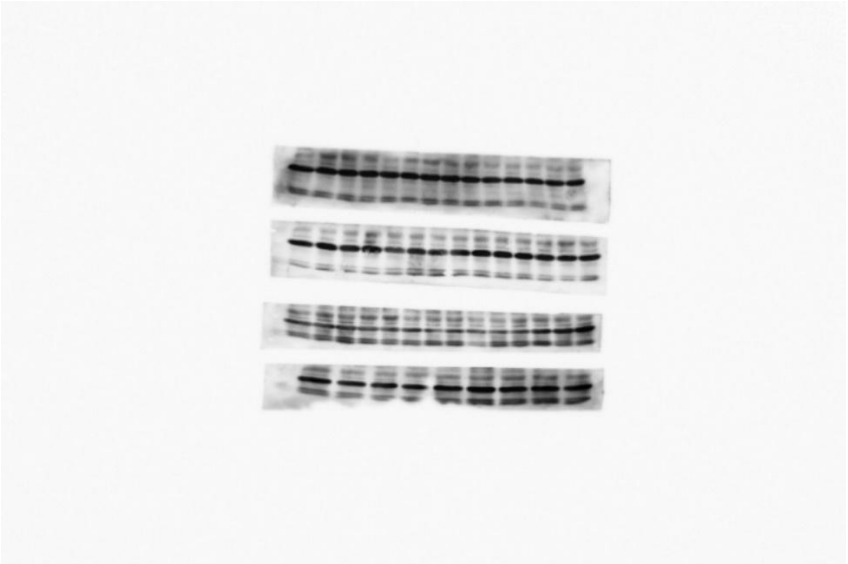
Supplementary Figure 3 - Original Western blot images of GAPDH (Molecular weight: 37 kDa) used for Gluthatione Peroxidase 1 normalization. Membranes 5, 2, 3 and 4, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section. Lateral membrane edges are not fully visible due to imaging conditions and white background.

Supplementary Figure 4 - Original Western blot images of GAPDH (Molecular weight: 37 kDa) used for Gluthatione Peroxidase 1 normalization. Membranes 7, 1, 6 and 2, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section. Lateral membrane edges are not fully visible due to imaging conditions and white background.

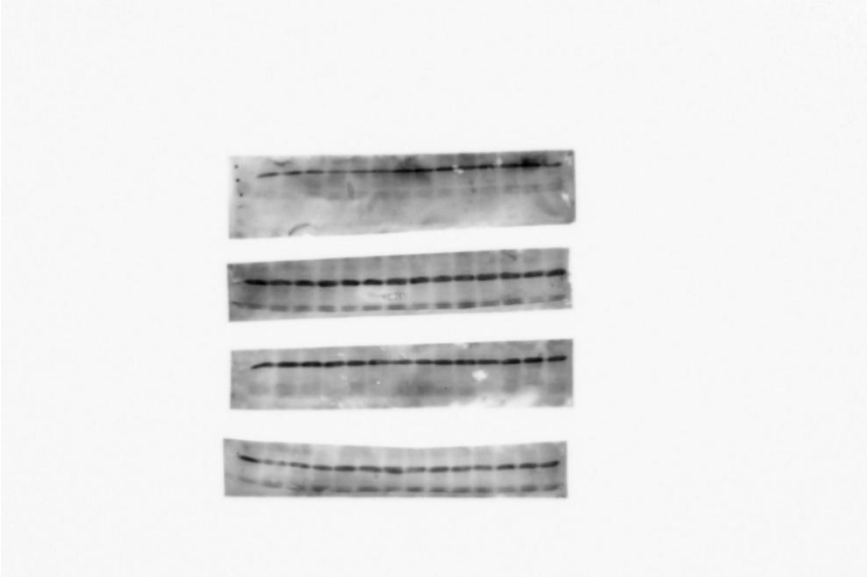


Supplementary Figure 5 - Original Western blot images of p-IκB-α (Molecular weight: 41 kDa) from membranes 2, 5, 6 and 1, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section. Lateral membrane edges are not fully visible due to imaging conditions and white background.

Supplementary Figure 6 - Original Western blot images of p-IκB-α (Molecular weight: 41 kDa) from membranes 4, 7, 3 and 8, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section.

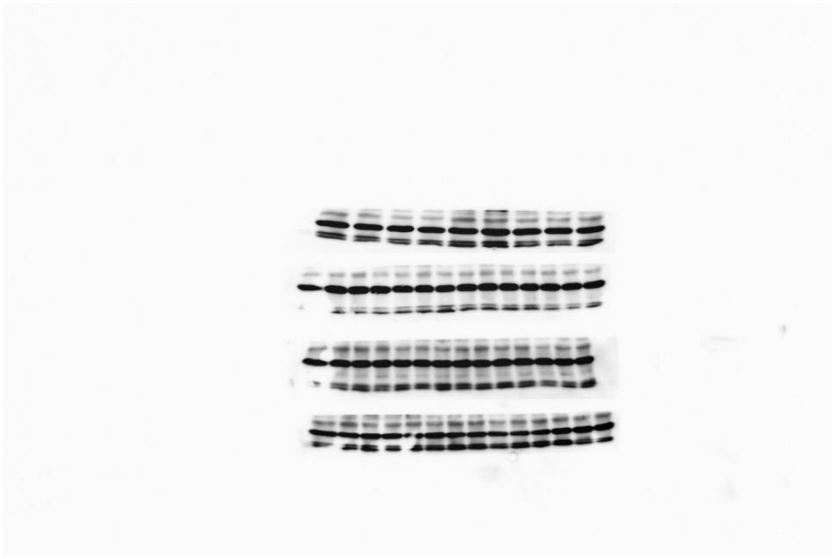


Supplementary Figure 7 - Original Western blot images of Ikb-alpha (Molecular weight: 38 kDa) from membranes 1, 2, 5 and 6, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section.

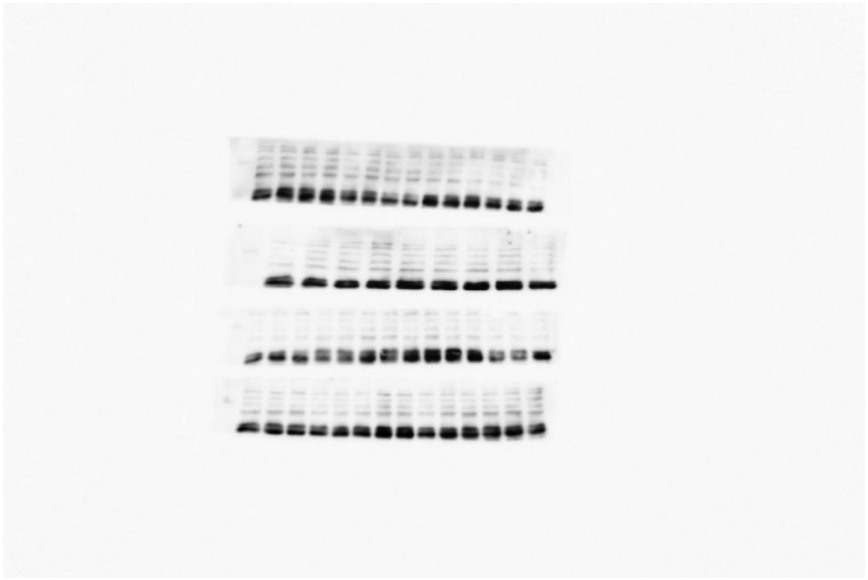


Supplementary Figure 8 - Original Western blot images of Ikb-alpha (Molecular weight: 38 kDa) from membranes 4, 7, 3 and 8, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section.

Supplementary Figure 9 - Original Western blot images of Heme oxygenase 1 (HO-1) (Molecular weight: 31 kDa) GAPDH (Molecular weight: 37 kDa) from membranes 4, 3, 8 and 7, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section. Lateral membrane edges are not fully visible due to imaging conditions and white background.



Supplementary Figure 10 - Original Western blot images of Heme oxygenase 1 (HO-1) (Molecular weight: 31 kDa) and GAPDH (Molecular weight: 37 kDa) from membranes 6, 2, 1 and 5, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section. Lateral membrane edges are not fully visible due to imaging conditions and white background.

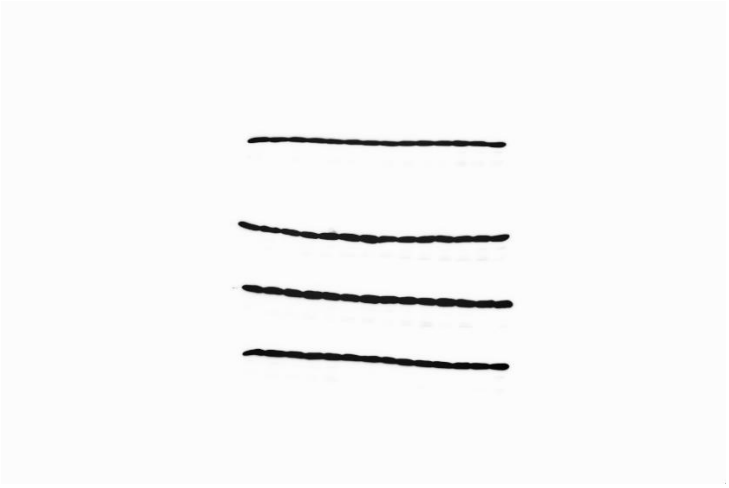


Supplementary Figure 11 - Original Western blot images of total NF-κB (Molecular weight: kDa) from membranes 1, 6, 2 and 5, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section. Lateral membrane edges are not fully visible due to imaging conditions and white background.

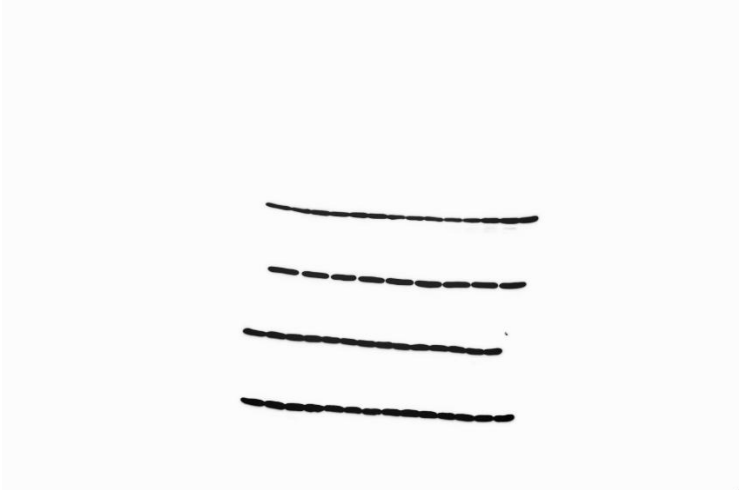
Supplementary Figure 12 - Original Western blot images of total NF-κB (Molecular weight: 65 kDa) from membranes 3, 4, 7 and 8, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section. Lateral membrane edges are not fully visible due to imaging conditions and white background.

Supplementary Figure 13 - Original Western blot images of p-p65 NF-κB (Molecular weight: 65 kDa) from membranes 1, 6, 2 and 5, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section. Lateral membrane edges are not fully visible due to imaging conditions and white background.

Supplementary Figure 14 - Original Western blot images of p-p65 NF-κB (Molecular weight: 65 kDa) from membranes 3, 4, 7 and 8, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section. Lateral membrane edges are not fully visible due to imaging conditions and white background.



Supplementary Figure 15 - Original Western blot images of GAPDH (Molecular weight: 37 kDa) from membranes 4, 8, 7 and 3, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section. Lateral membrane edges are not fully visible due to imaging conditions and white background.



Supplementary Figure 16 - Original Western blot images of GAPDH (Molecular weight: 37 kDa) from membranes 5, 6, 1 and 2, respectively. Samples obtained after extraction with RIPA buffer from left ventricular tissue, as described in the Methods section. Lateral membrane edges are not fully visible due to imaging conditions and white background.