

Figure 1C – representative images

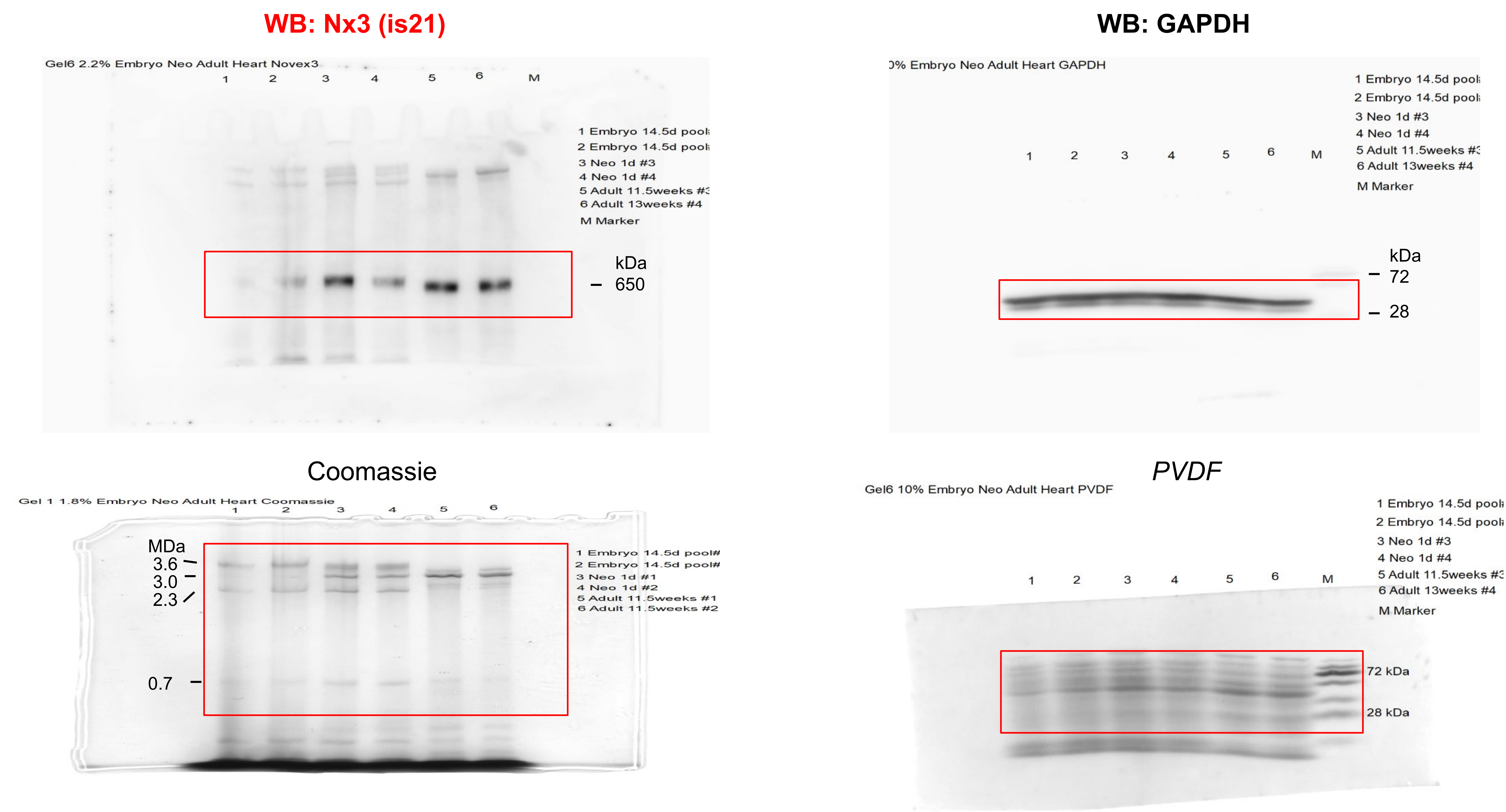


Figure 1C – images only used for quantification

Mouse hearts, **WB anti-Nx3 (is21)**; Two-phase gels for Titin (2.2%) & GAPDH (10%), and corresponding Coomassie-stained PVDF membrane

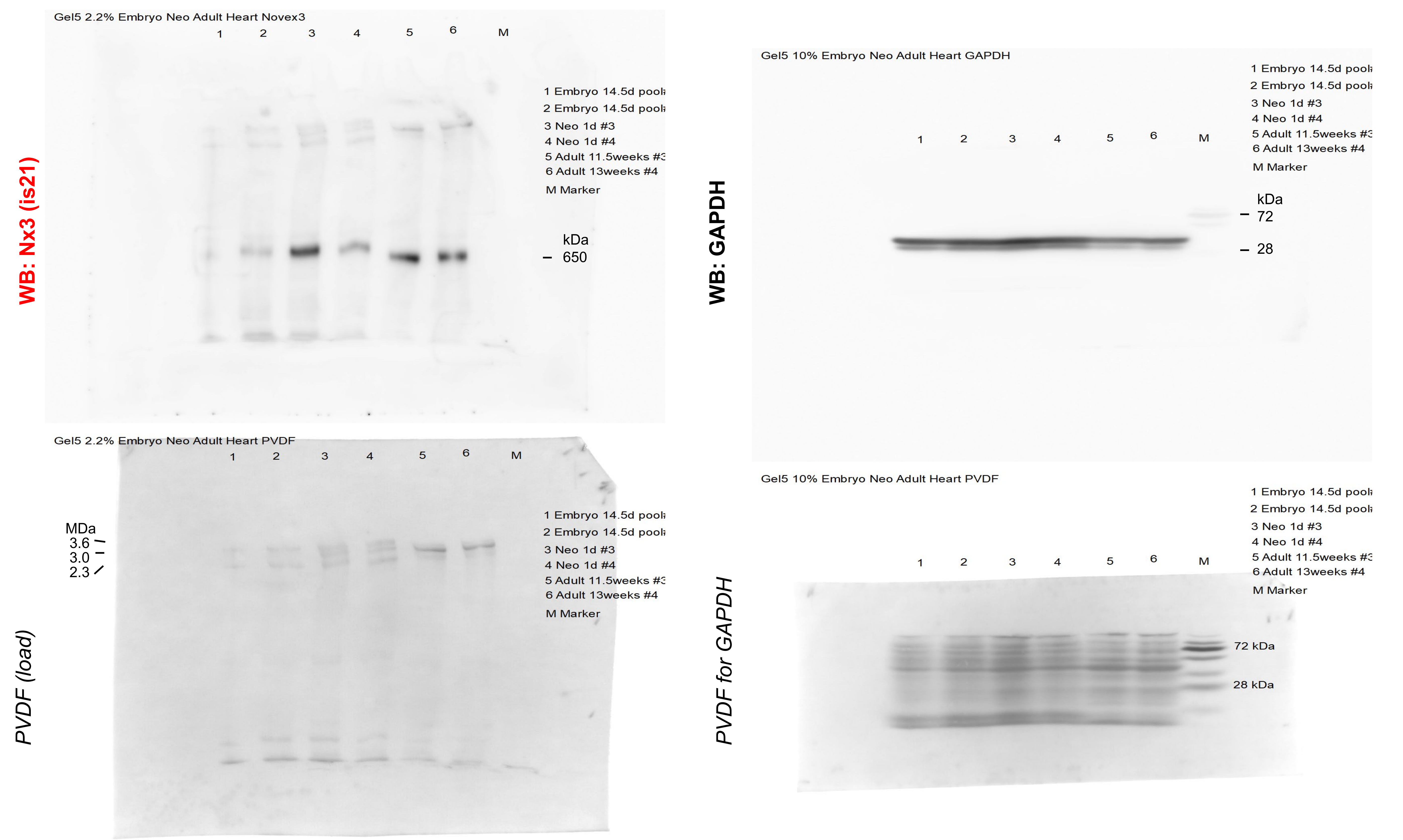


Figure 1C – images only used for quantification (continued)

Mouse hearts, **WB anti-Nx3 (is21)**; Two-phase gels for Titin (2.2%) & GAPDH (10%), and corresponding Coomassie-stained PVDF membranes

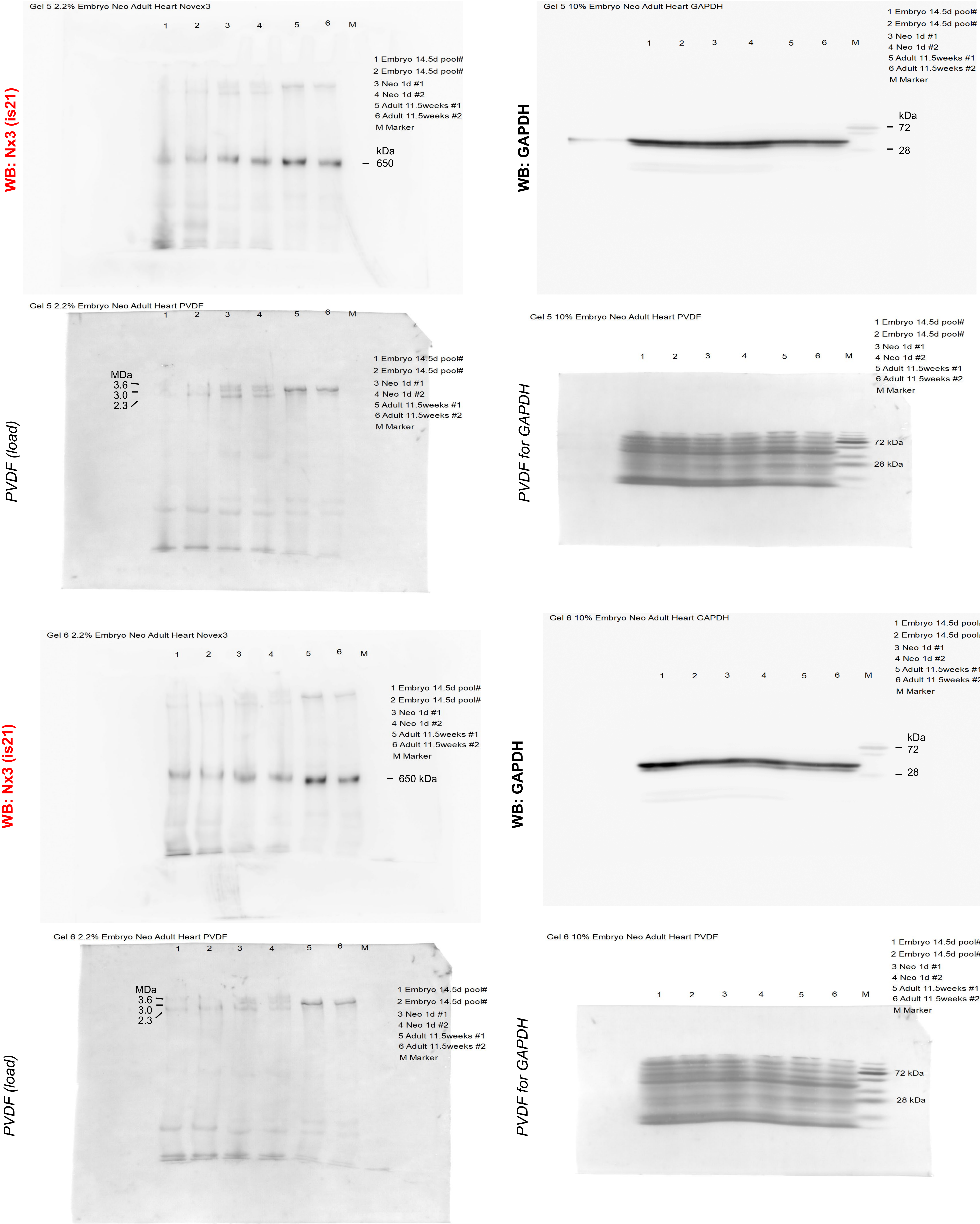


Figure 1D – representative images

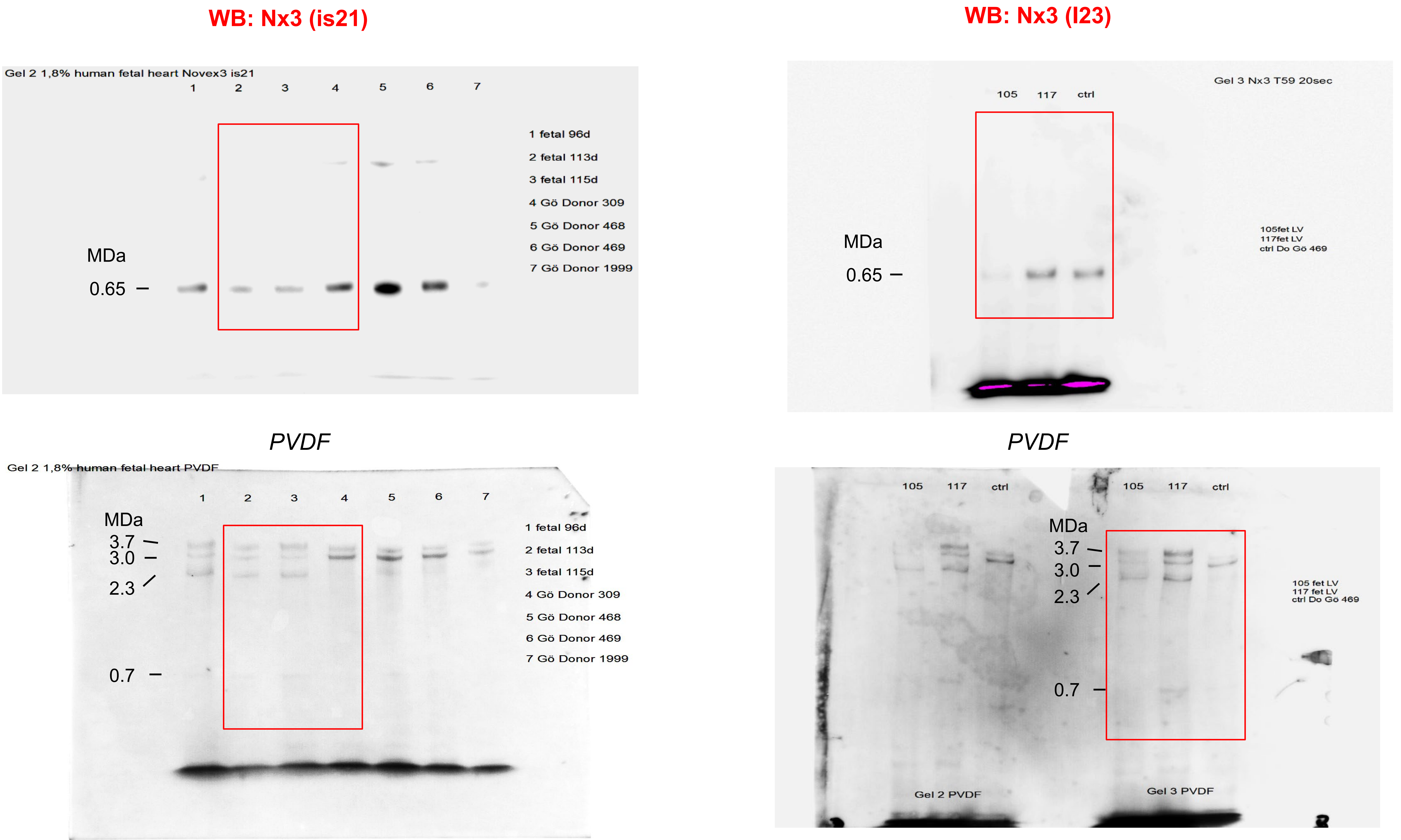


Figure 1D – images only used for quantification

Human fetal & adult hearts, **WB anti-Nx3 (is21)**; Titin gels (1.8%) and corresponding Coomassie-stained PVDF membranes

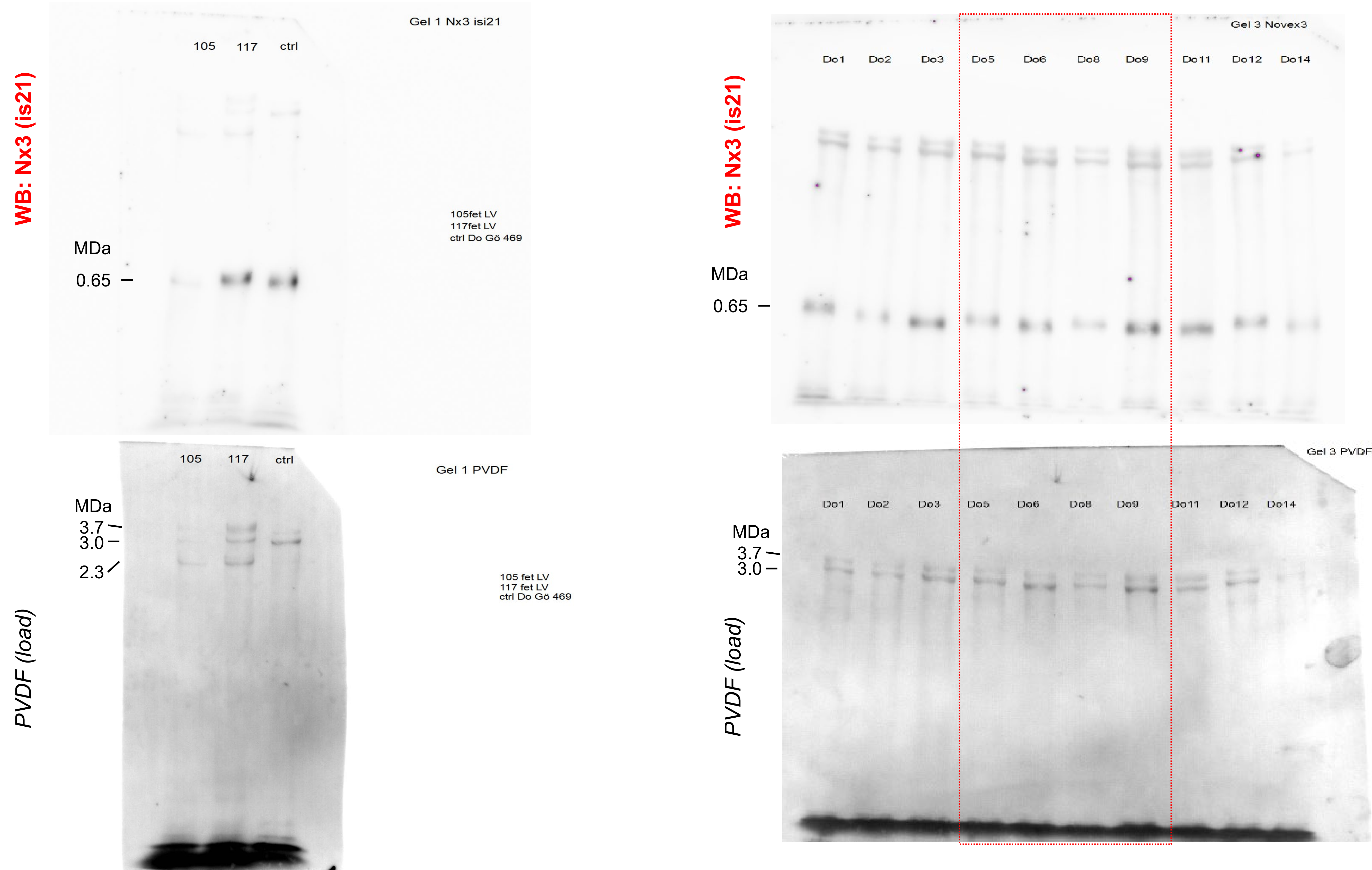


Figure 1E – representative images

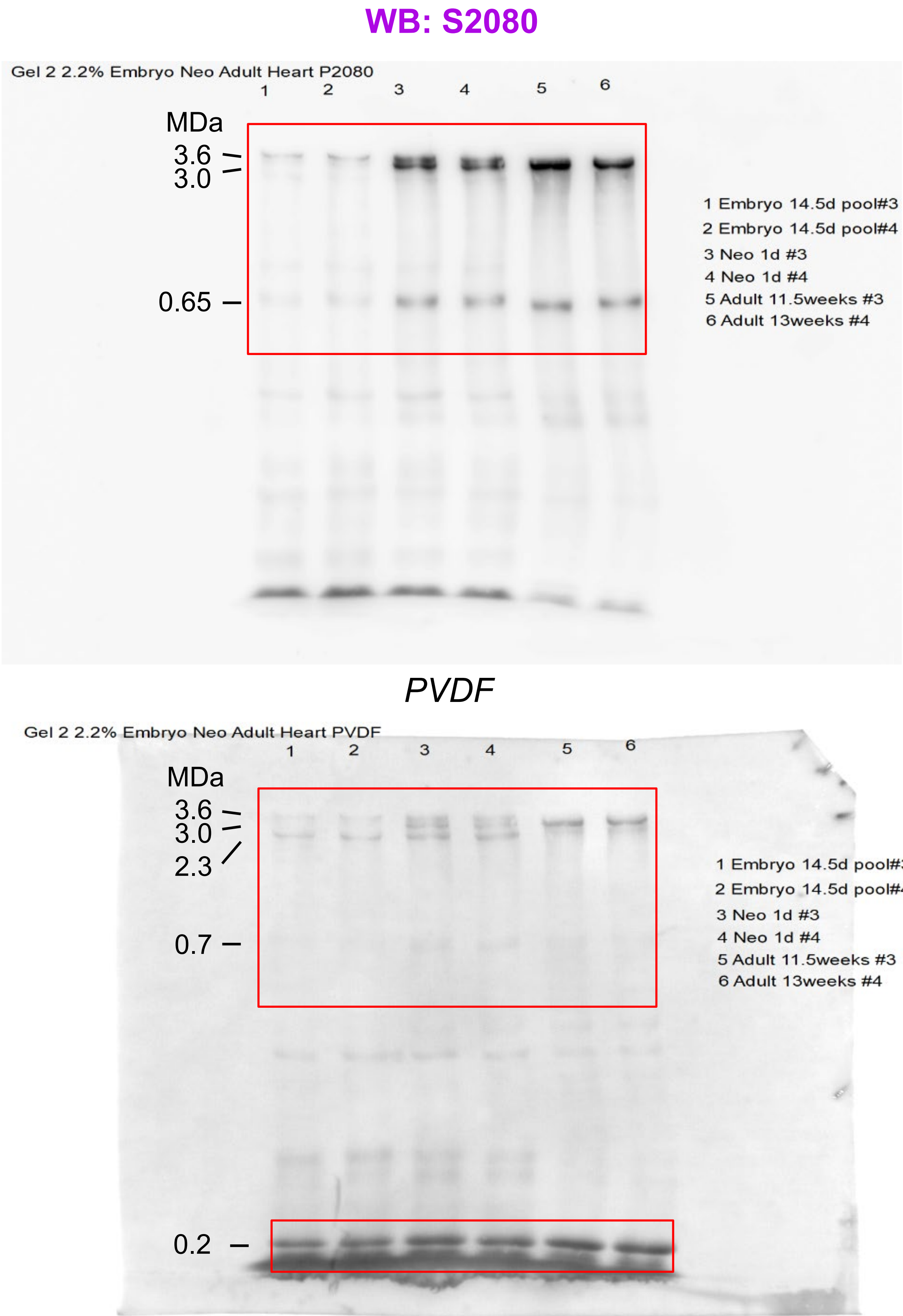


Figure 1E – images only used for quantification

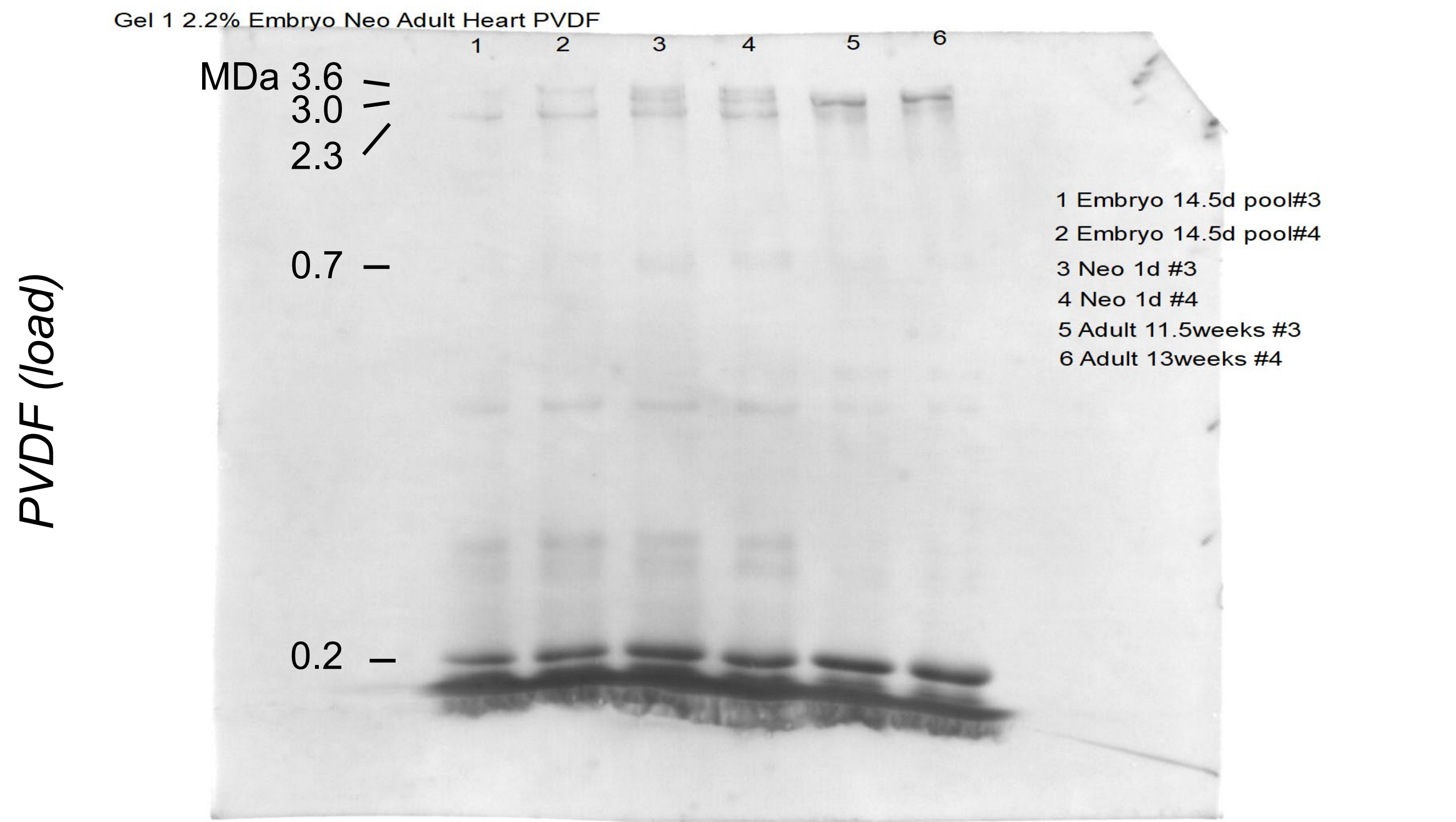
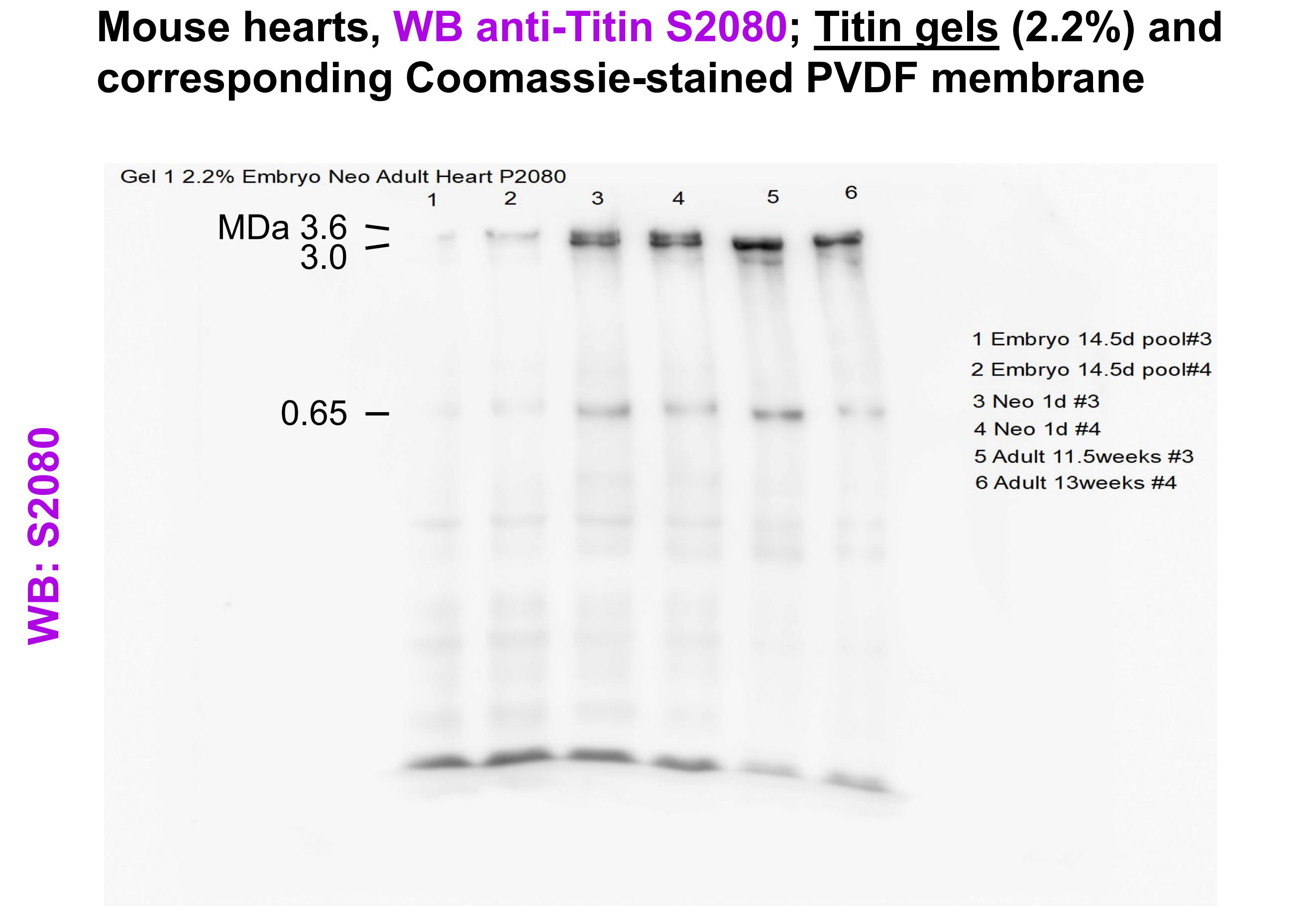


Figure 1E – images only used for quantification (continued)

Mouse hearts, WB anti-Titin S2080; Titin gels (2.2%) and corresponding Coomassie-stained PVDF membrane

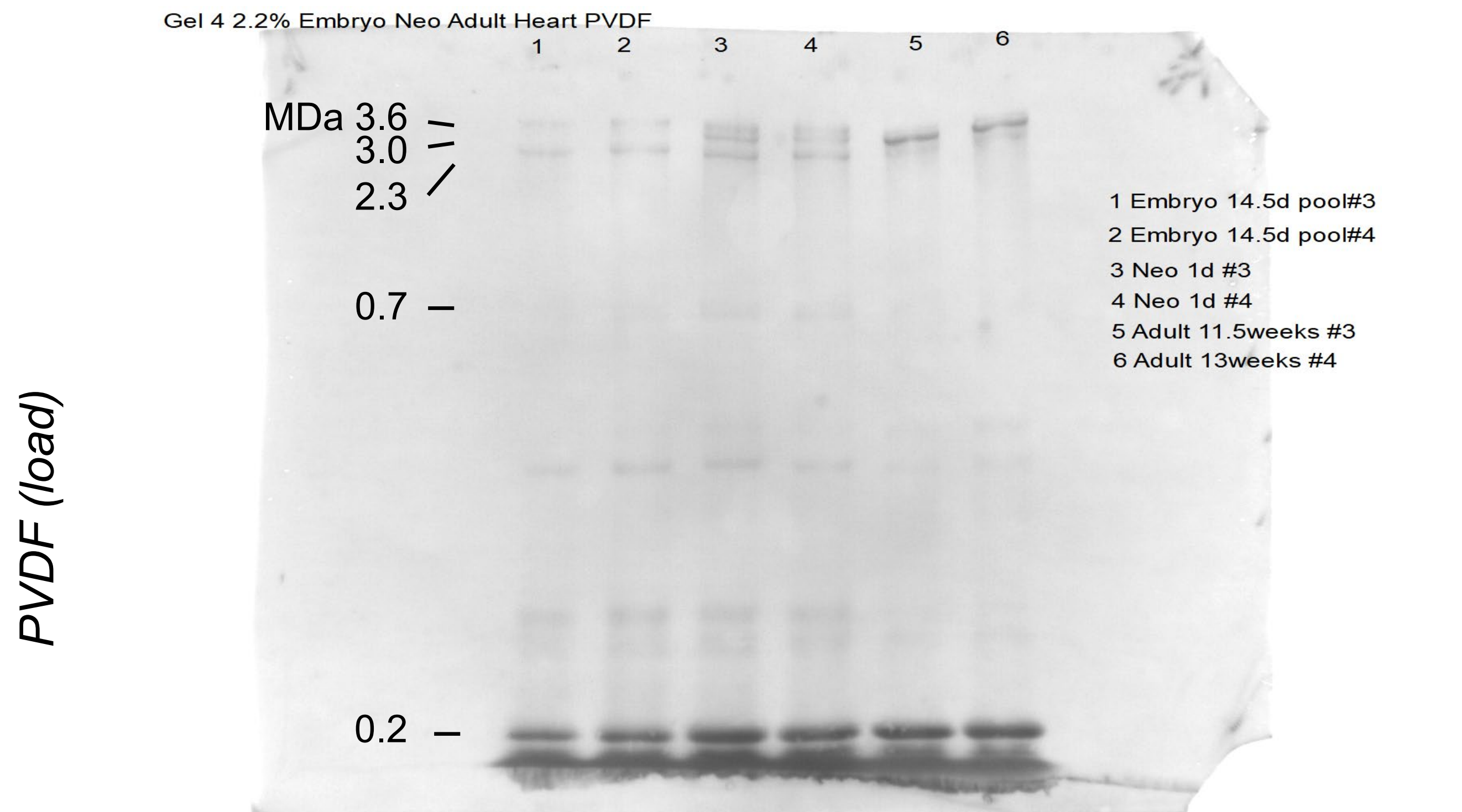
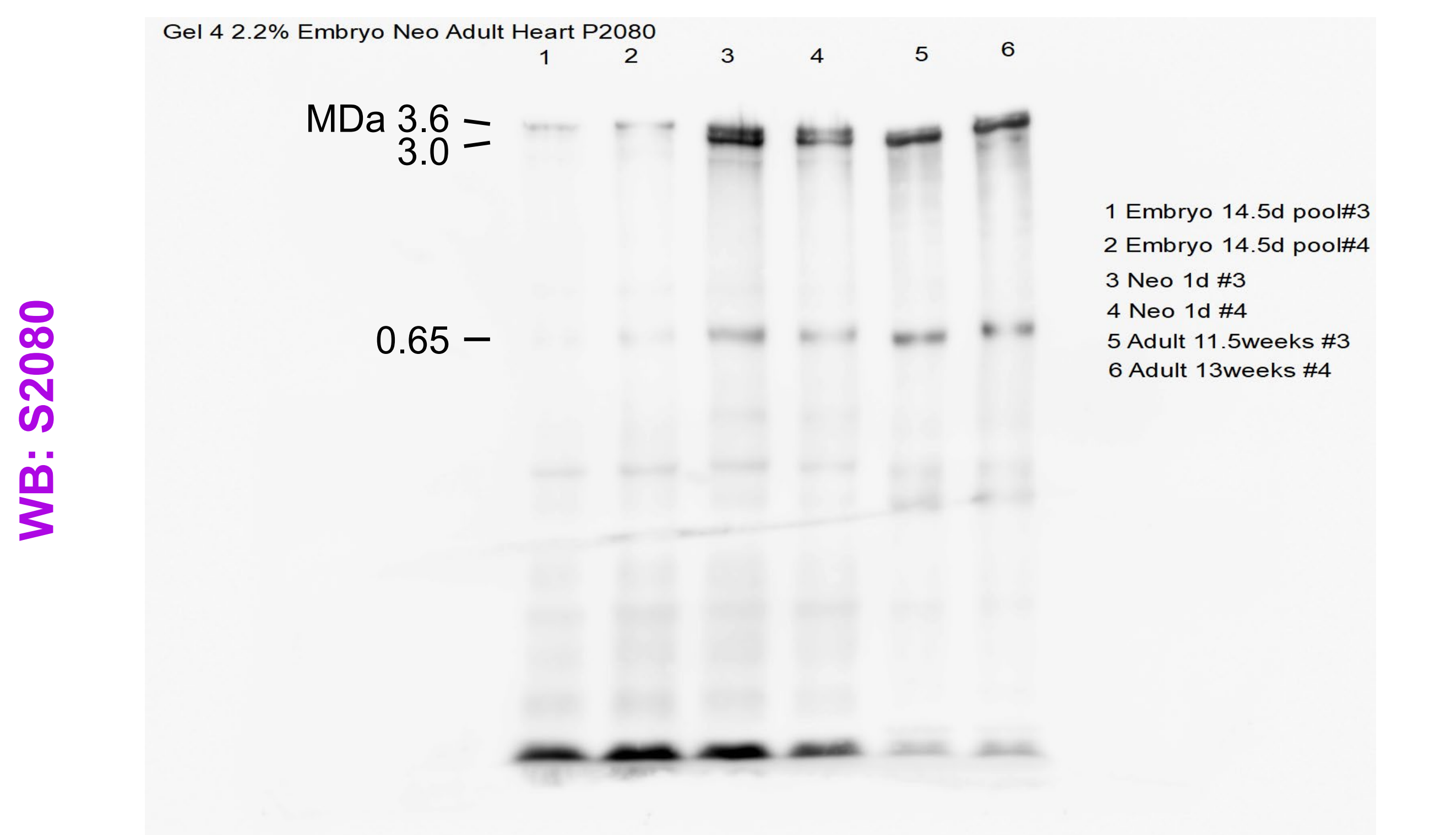
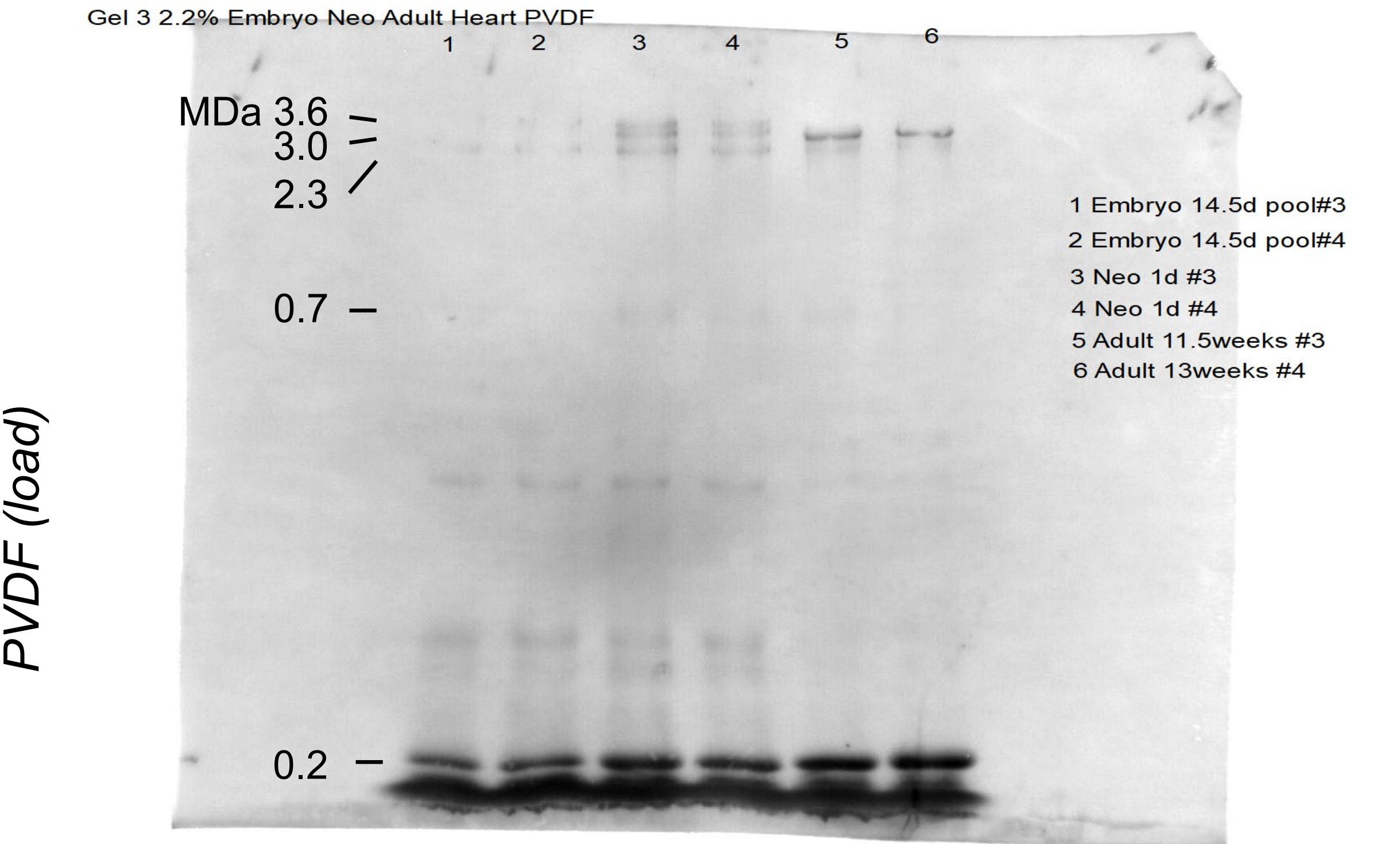
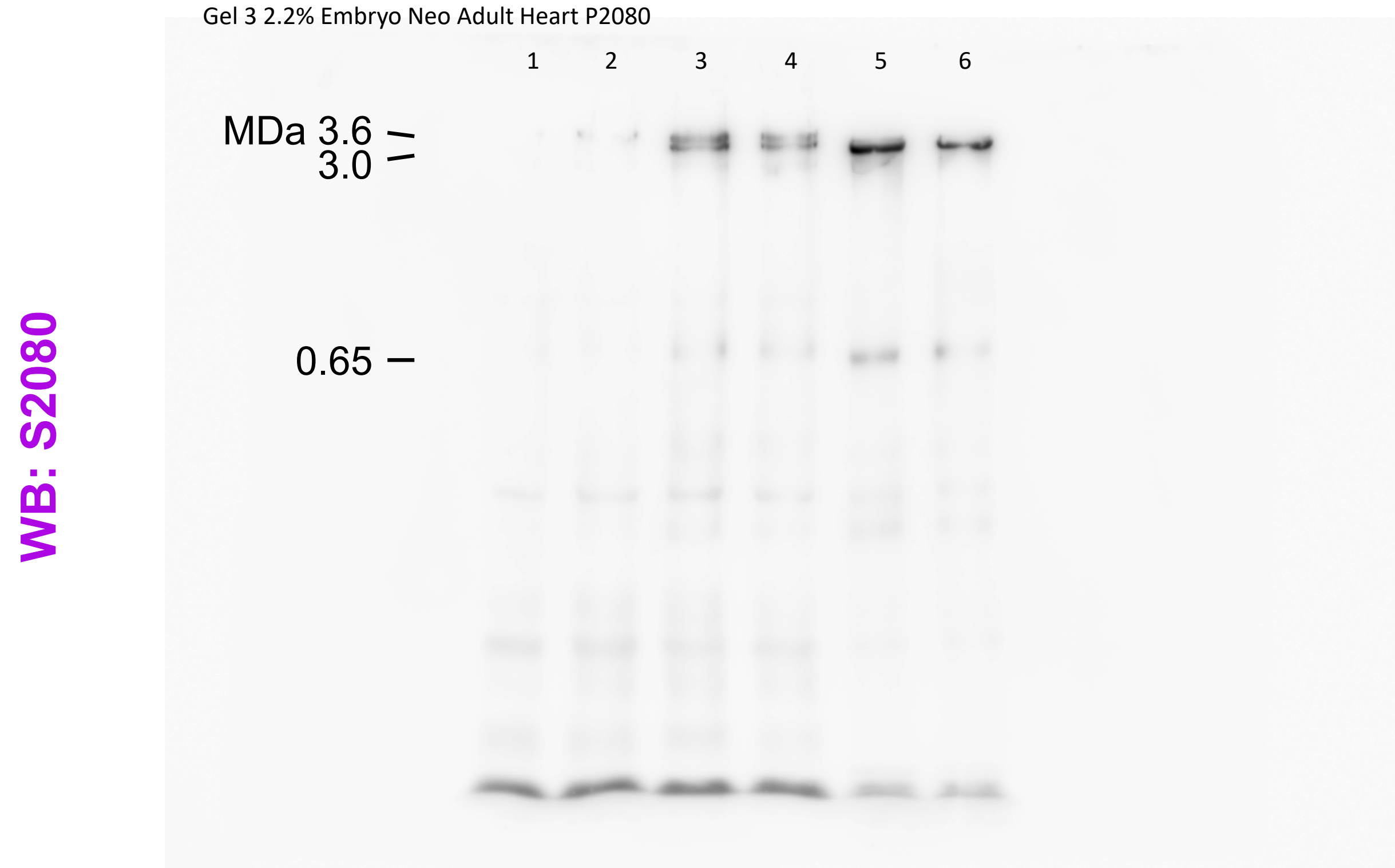


Figure 1F – representative images

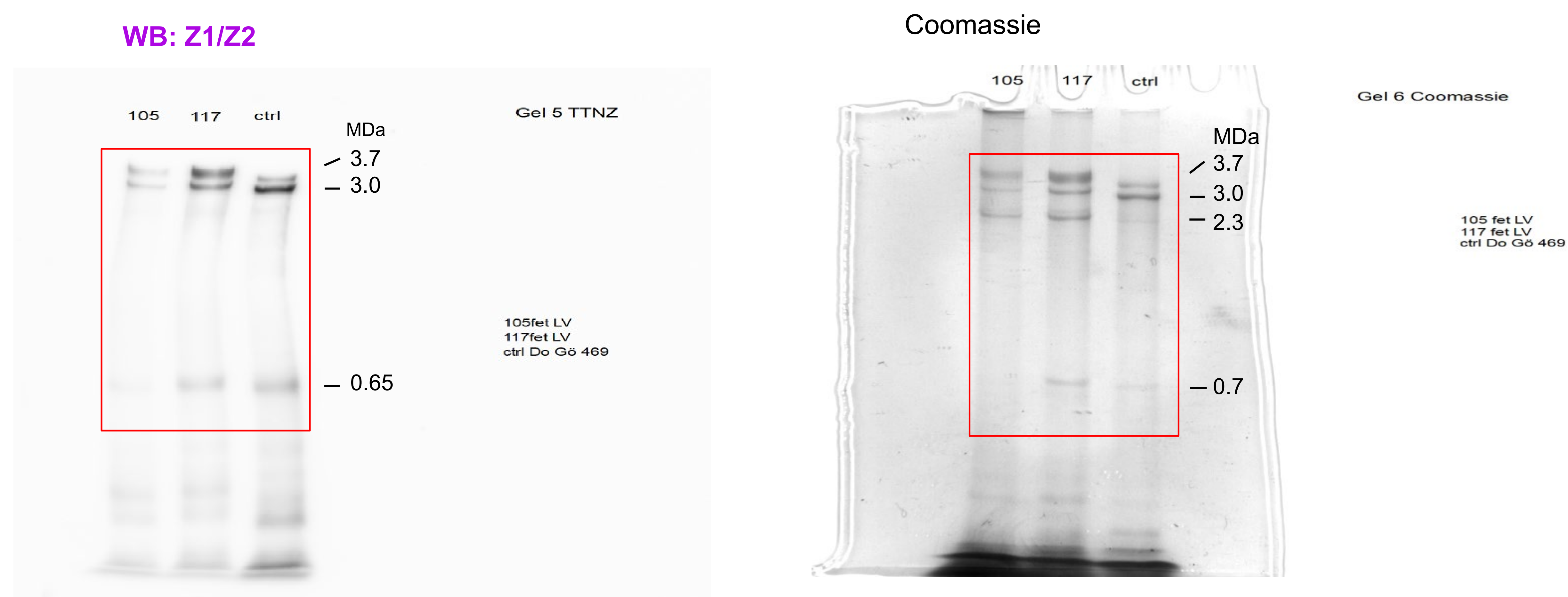
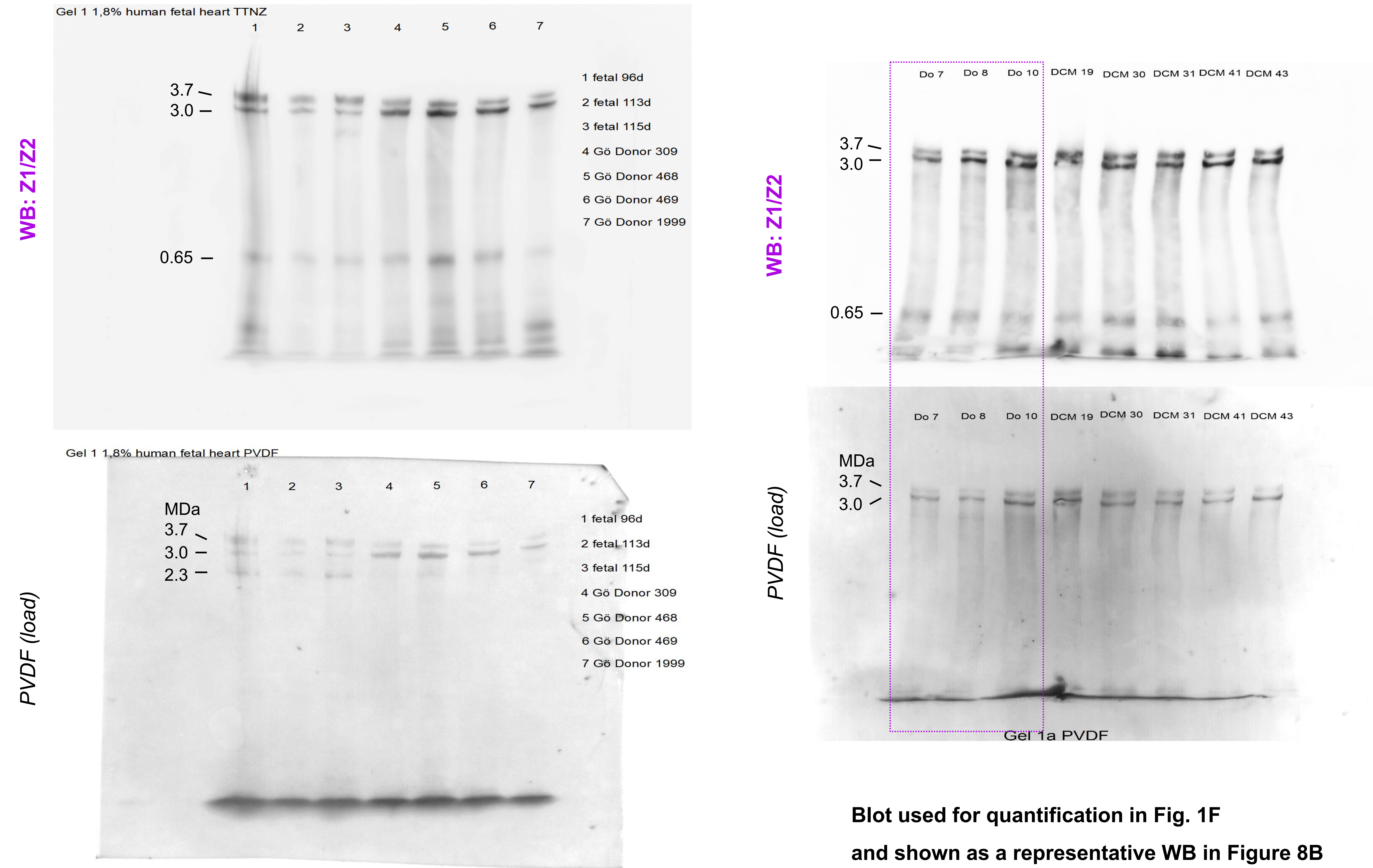


Figure 1F – images only used for quantification

Human fetal & adult hearts, **WB anti-Titin Z1/Z2**; Titin gels (1.8%) and corresponding Coomassie-stained PVDF membranes



Blot used for quantification in Fig. 1F
and shown as a representative WB in Figure 8B

Figure 3H – representative images

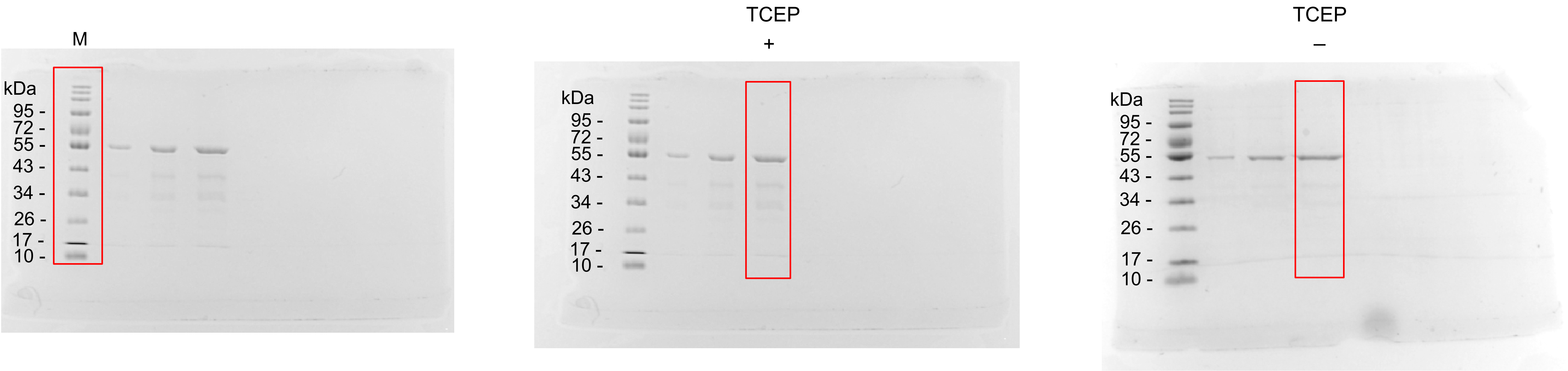


Figure 4D – representative images

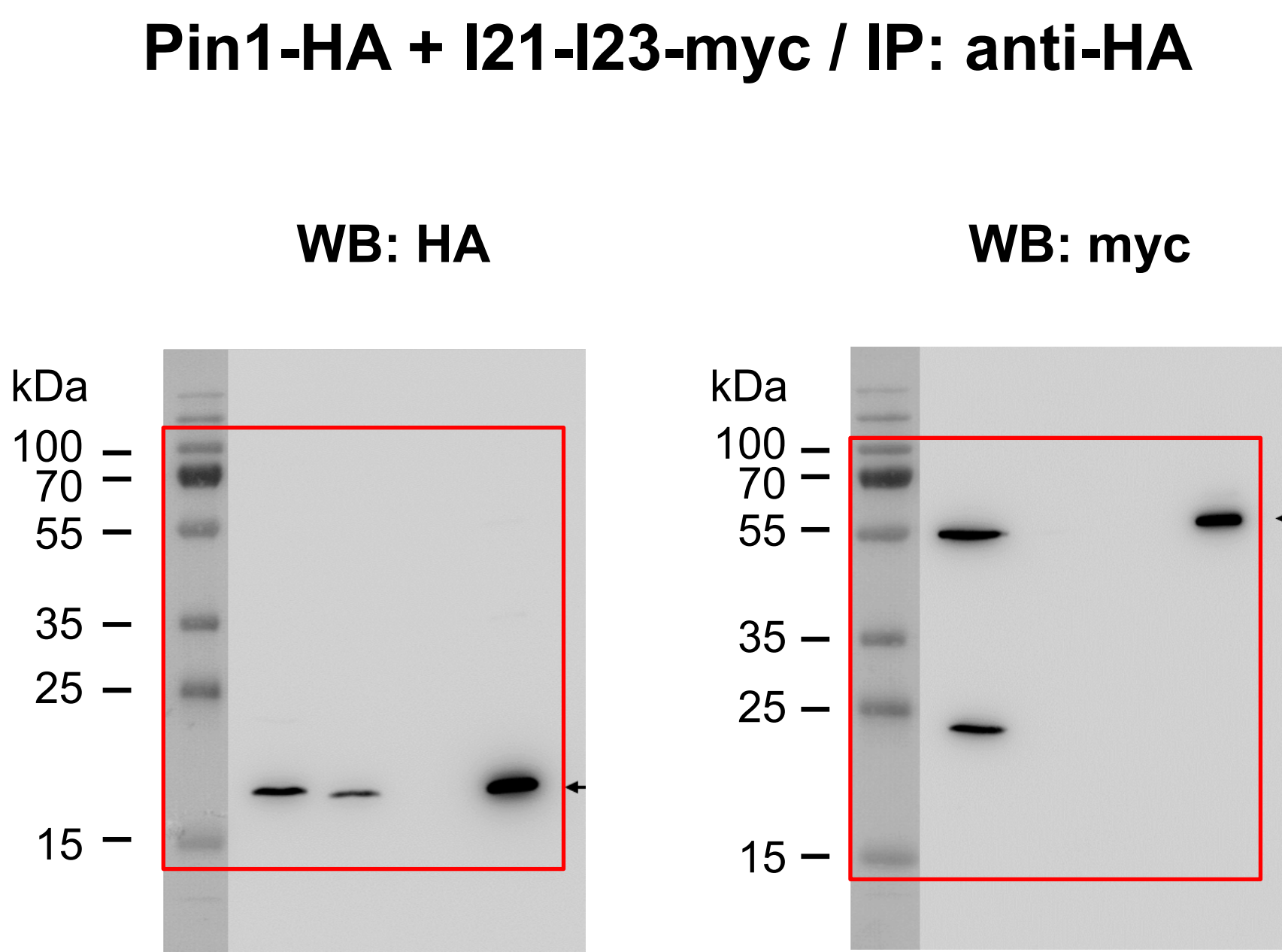


Figure 4E – representative images

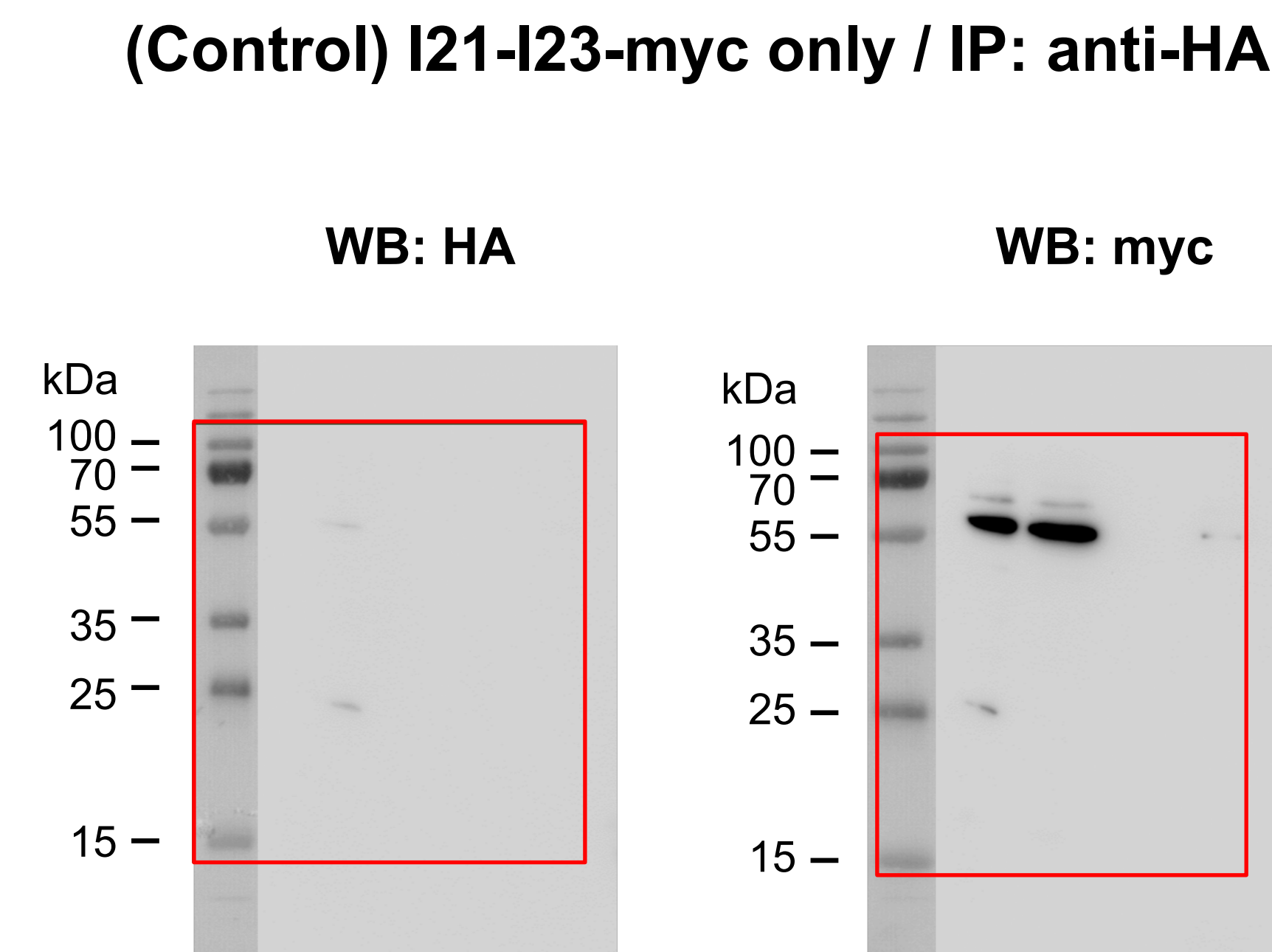


Figure 4H – representative images

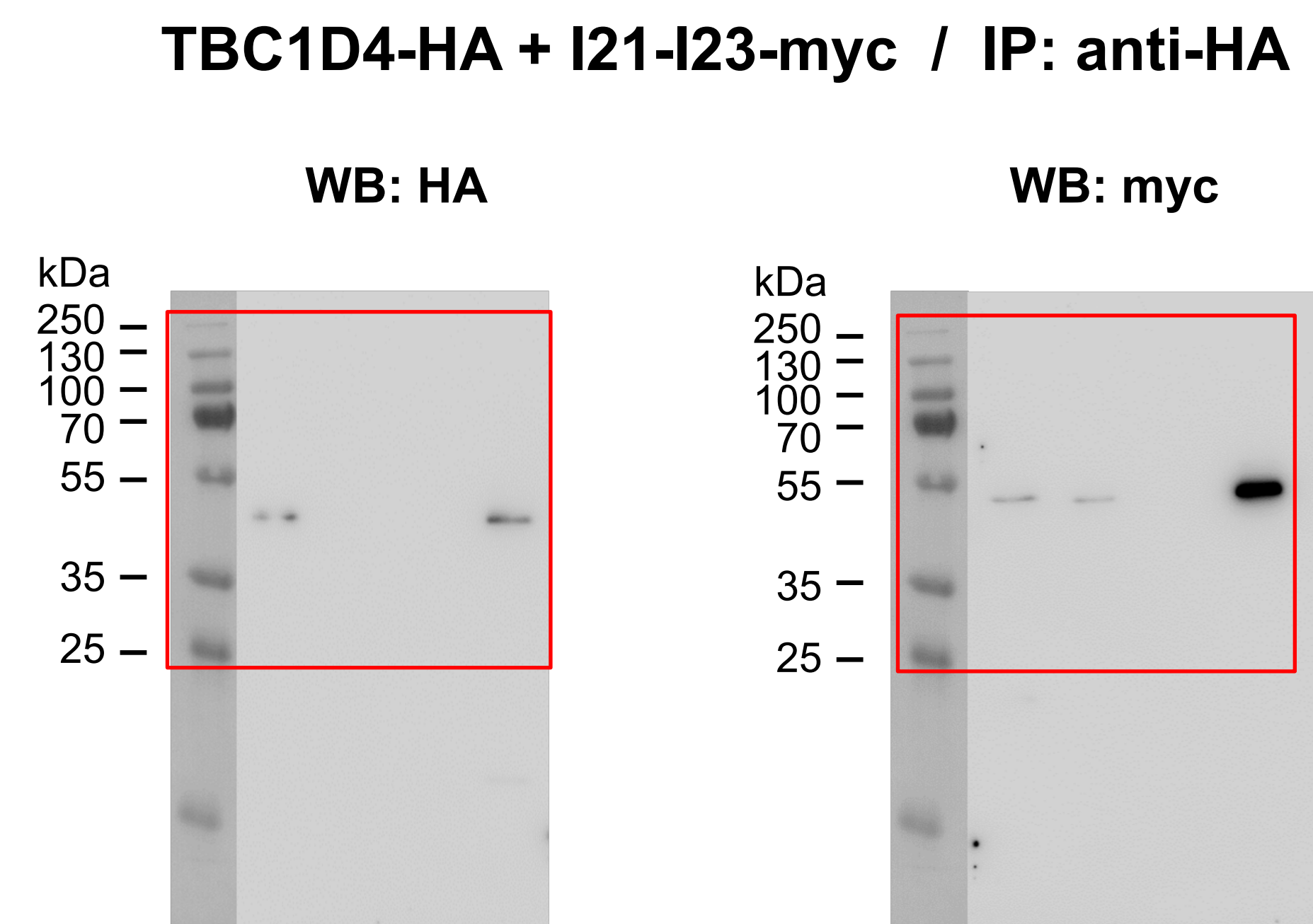


Figure 5A – representative images

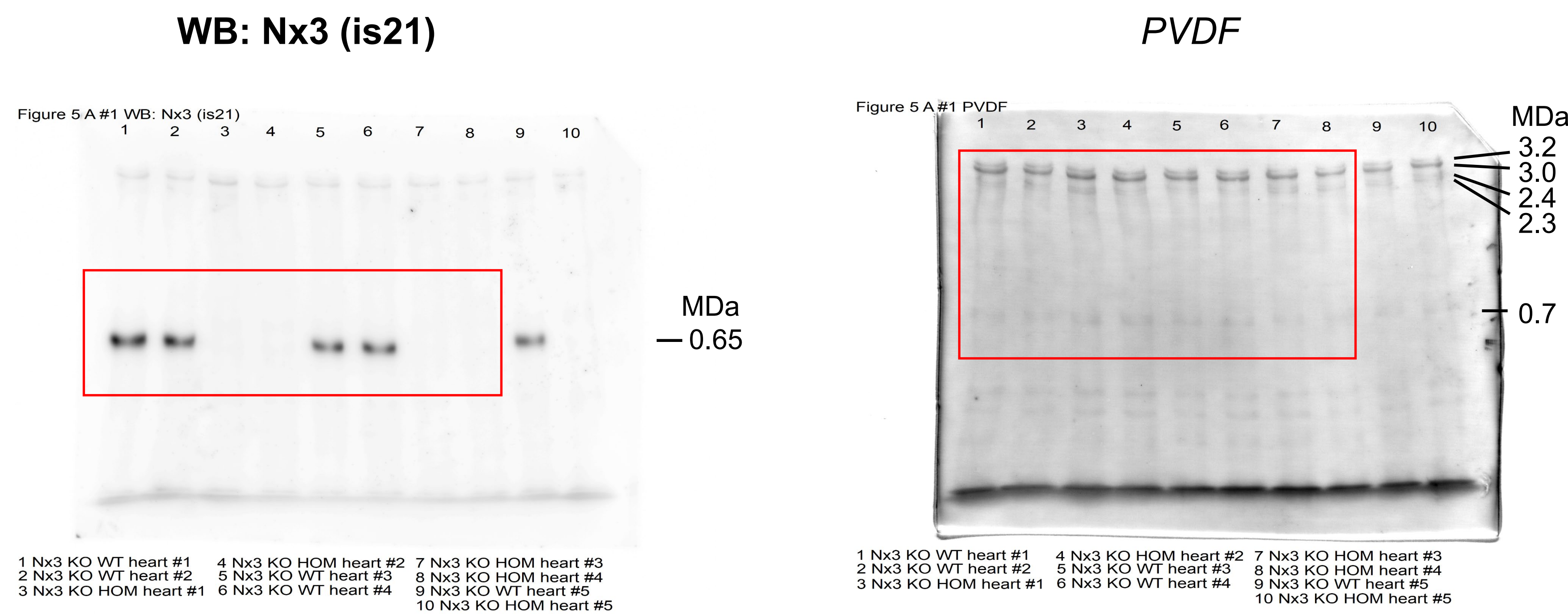
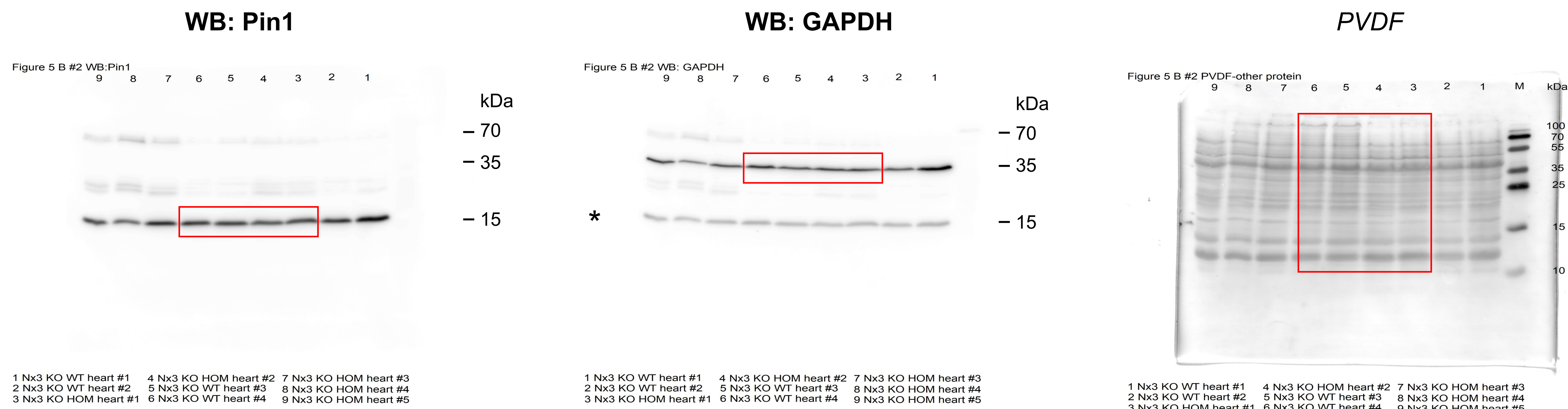
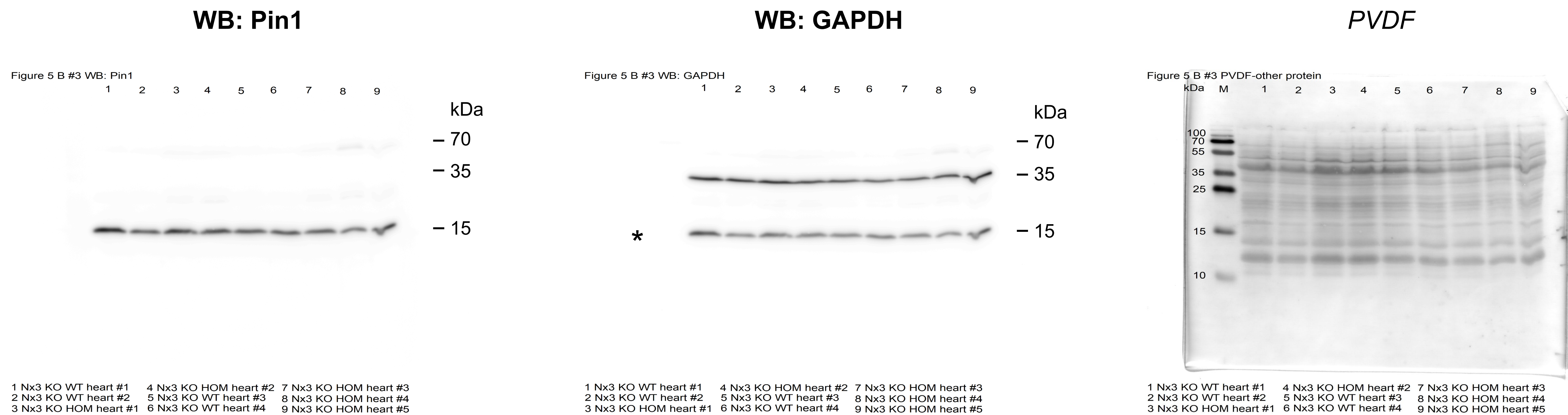


Figure 5B – representative images



* Pin1 bands still visible on blot due to incomplete stripping

Figure 5B – images only used for quantification



* Pin1 bands still visible on blot due to incomplete stripping

Figure 5C – representative images

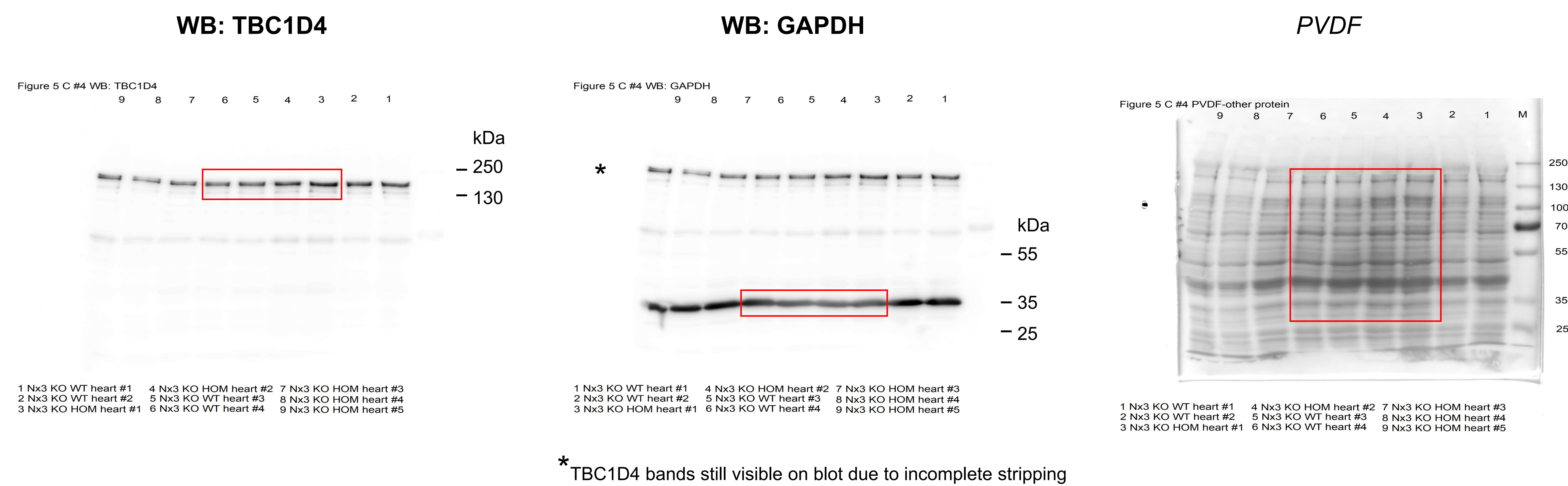


Figure 5C – images only used for quantification

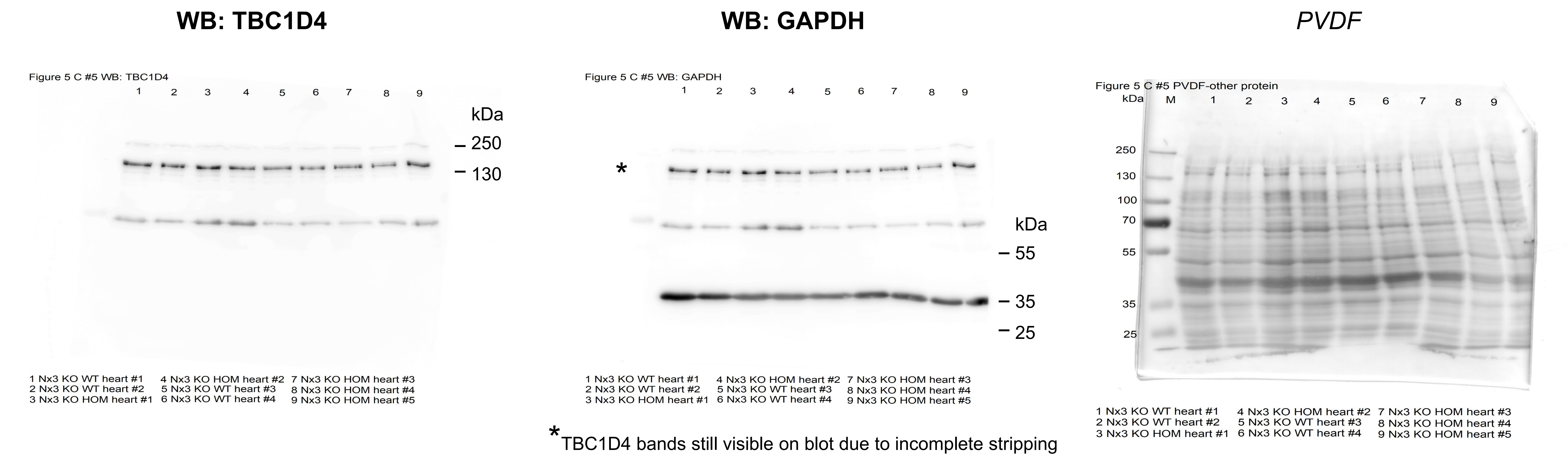


Figure 6B – representative images

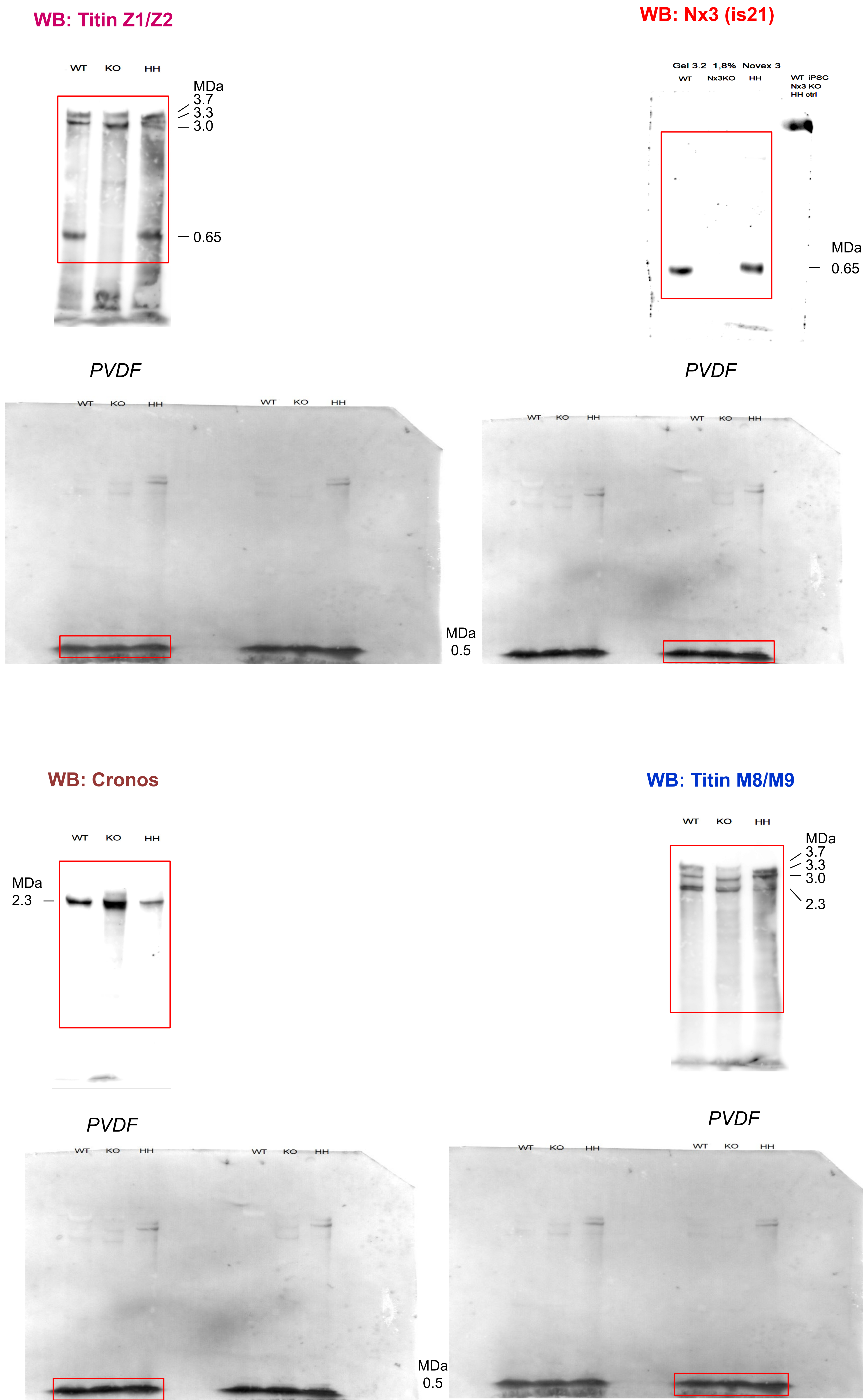


Figure 8A – representative images

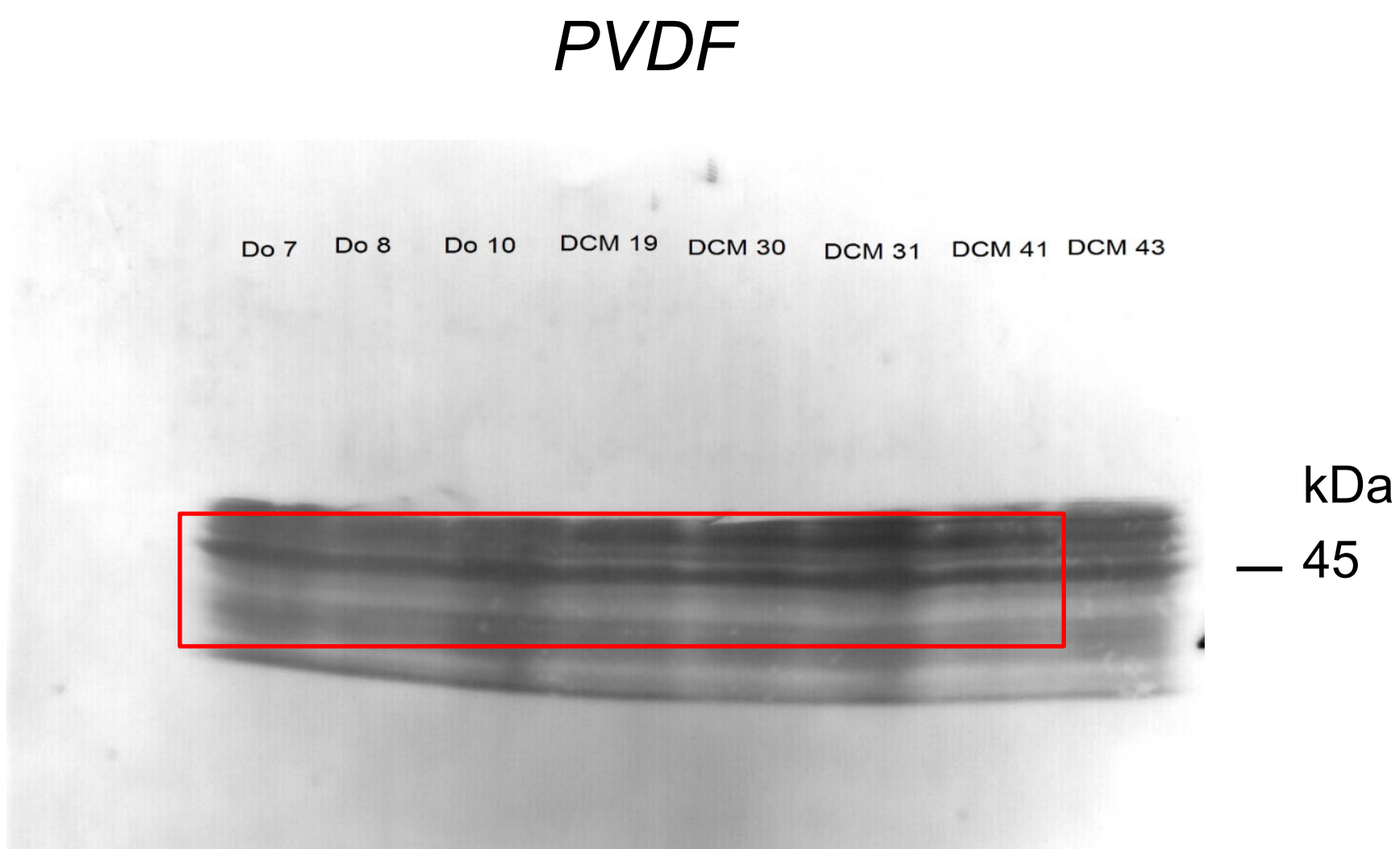
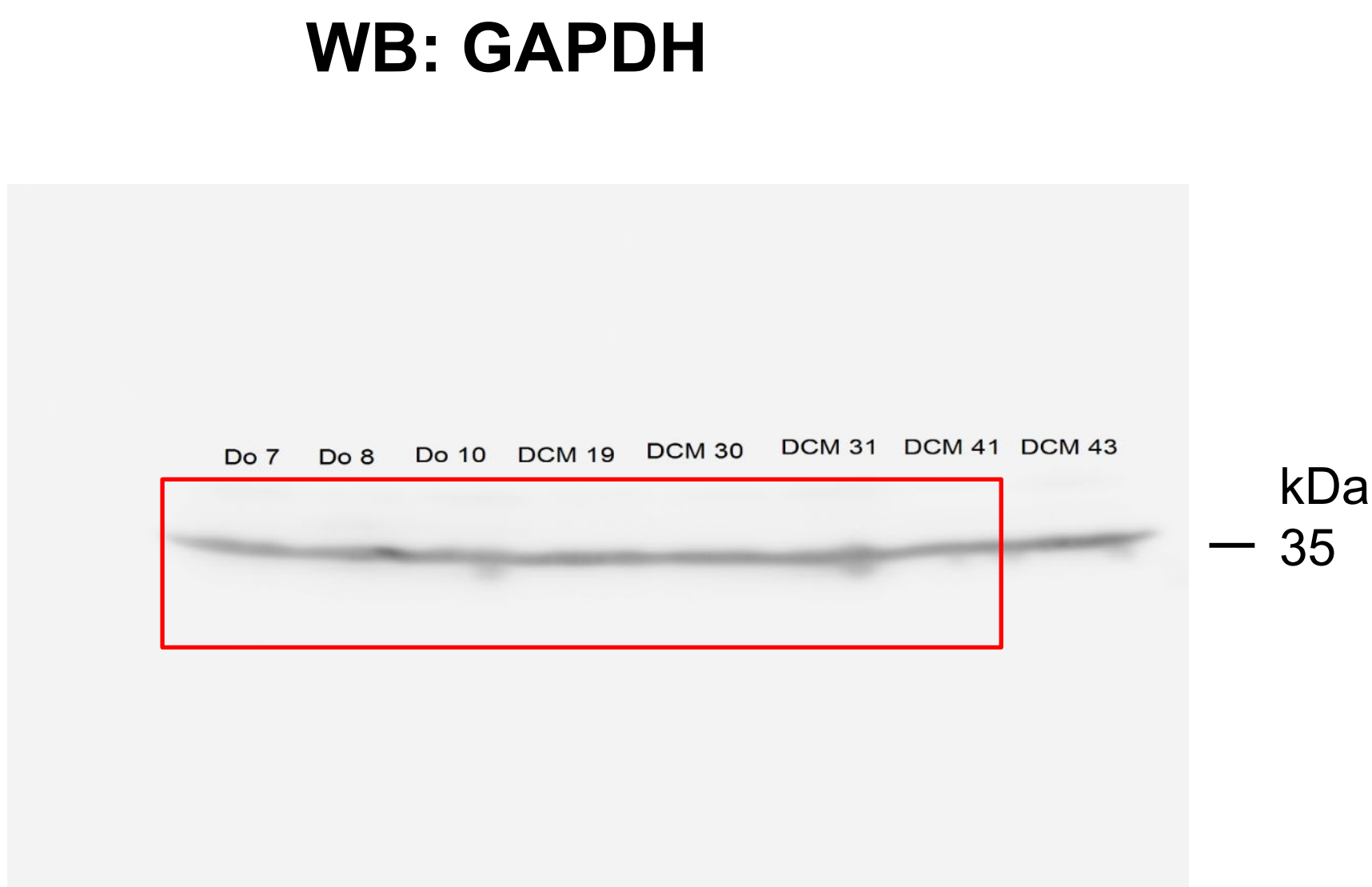
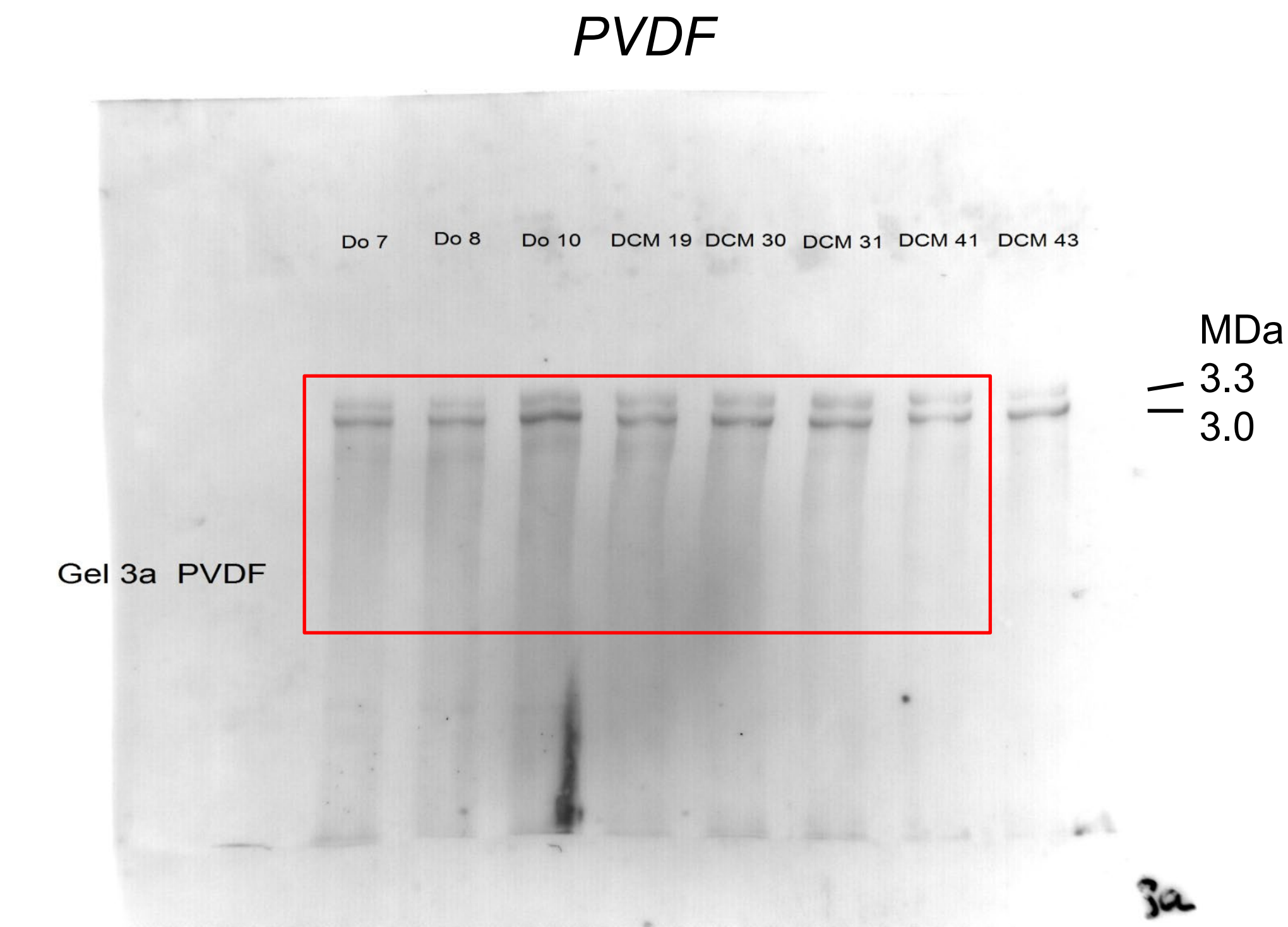
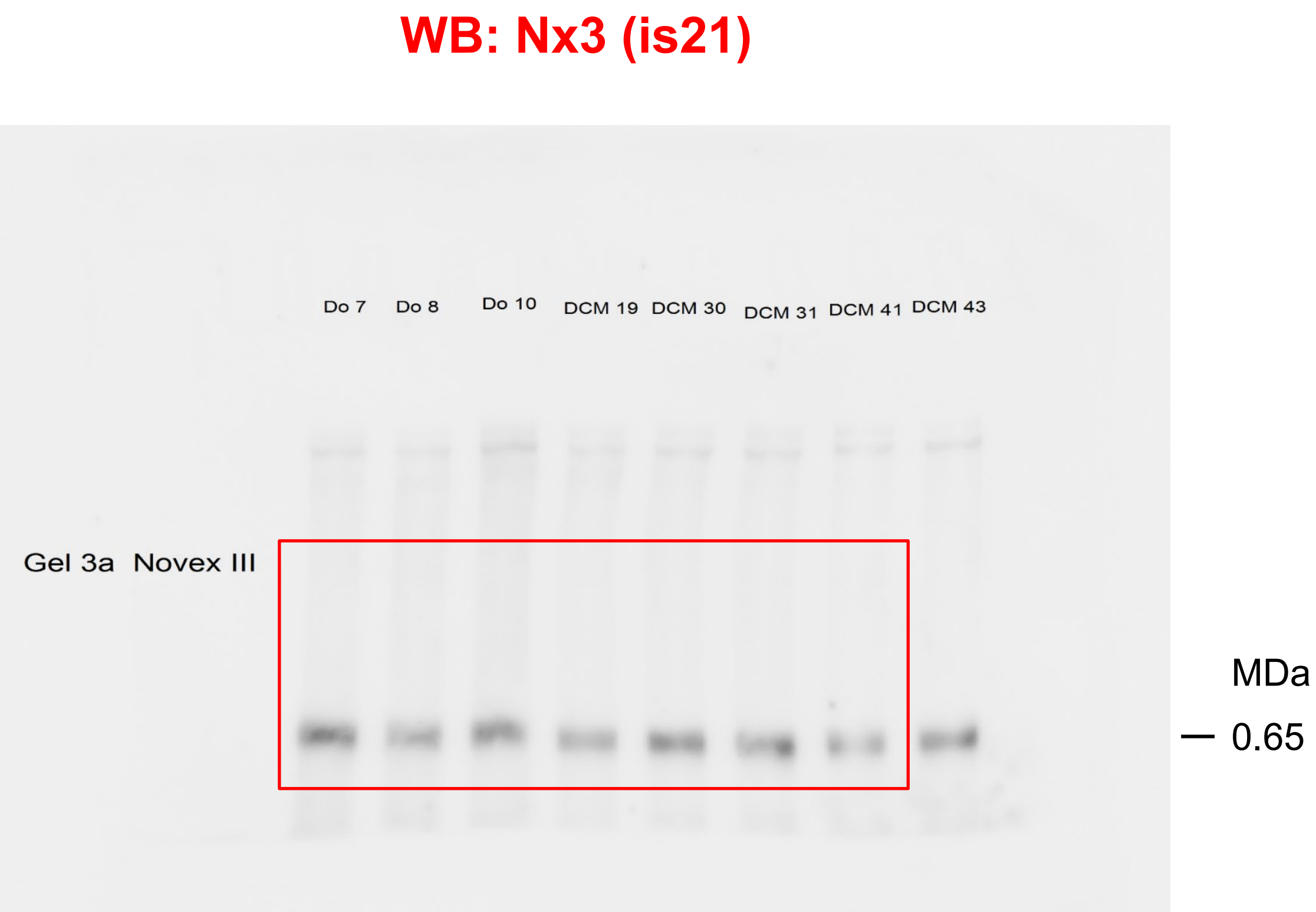


Figure 8A – images only used for quantification

Donor hearts, **WB anti-Novex-3**; Titin gels (2%) and corresponding, Coomassie-stained blotting membrane (PVDF); and GAPDH on 10% gels (loading control)

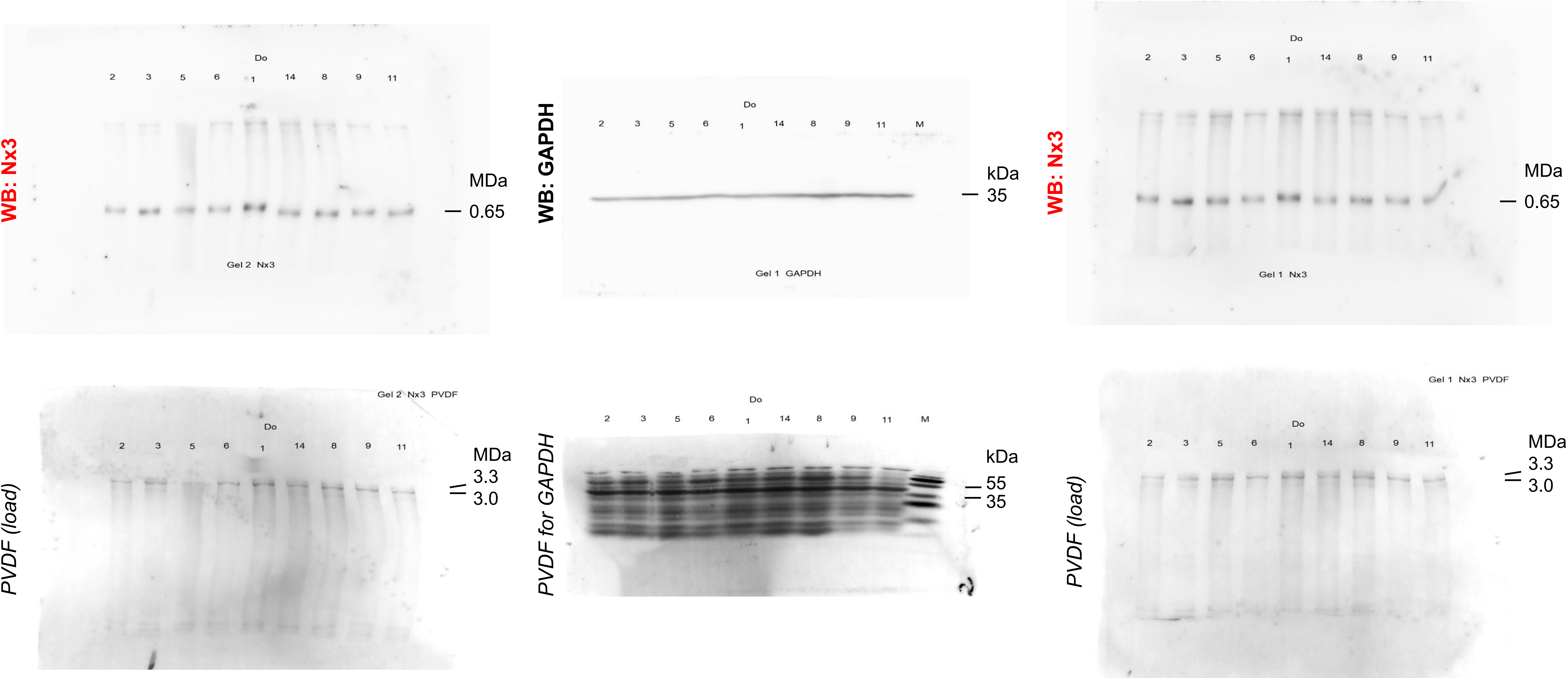
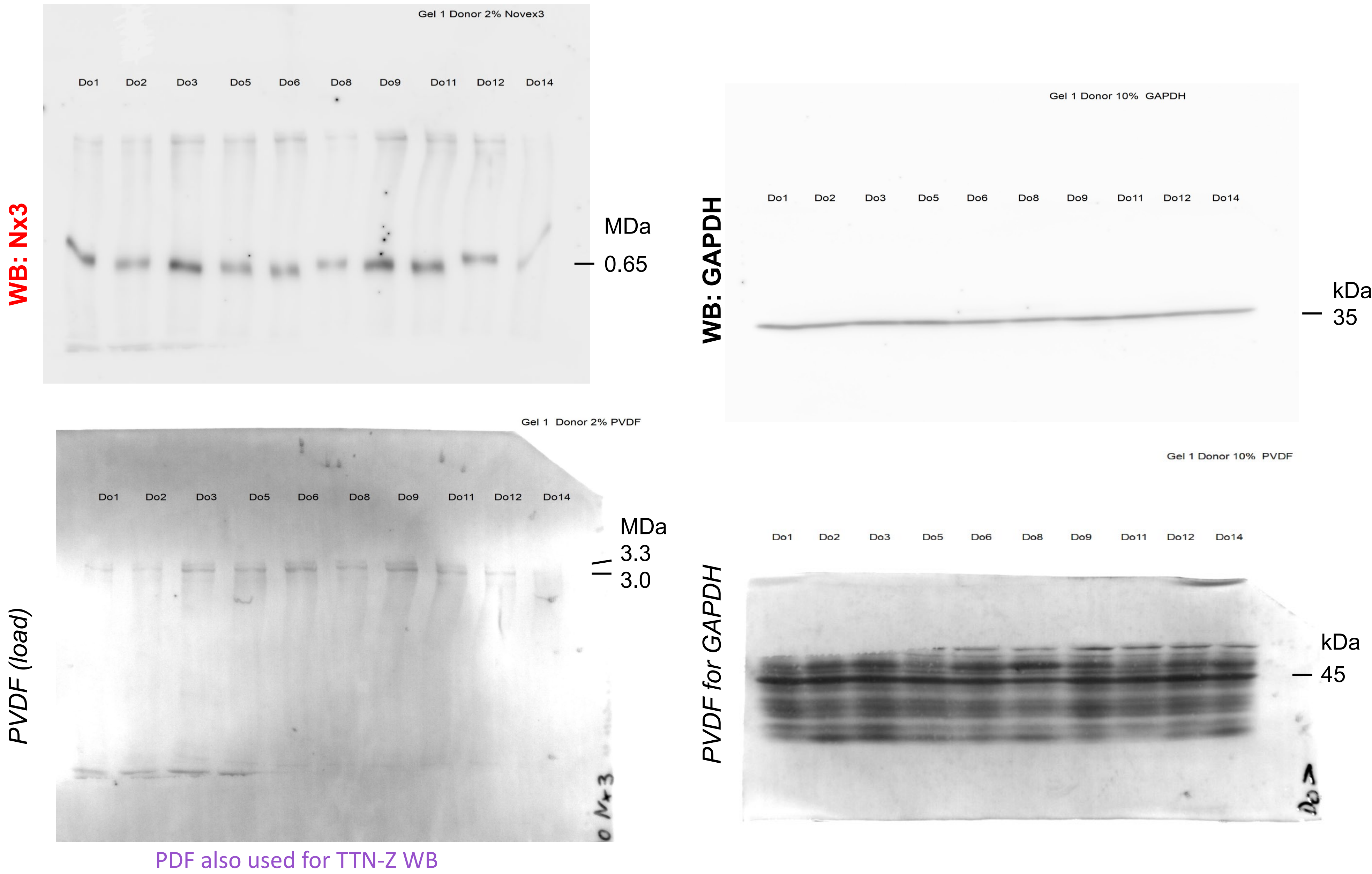
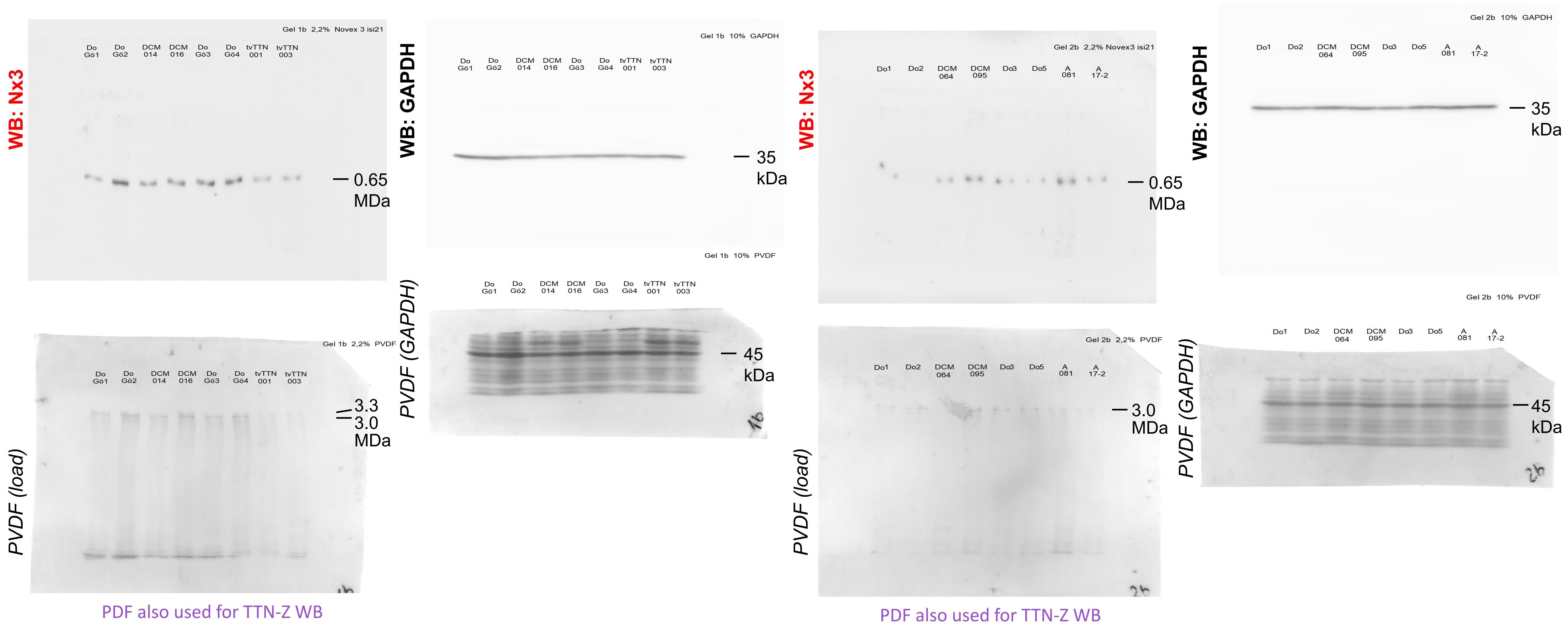


Figure 8A – images only used for quantification (continued)

Donor, DCM, and TTNtv hearts, **WBs anti-Nx3** and corresponding, Coomassie-stained blotting membrane (PVDF); GAPDH; 2.2%/10% gel



DCM hearts, **WB anti-Novex-3**, Titin gels (2%) and corresponding, Coomassie-stained blotting membrane (PVDF); and GAPDH on 10% gels (loading control)

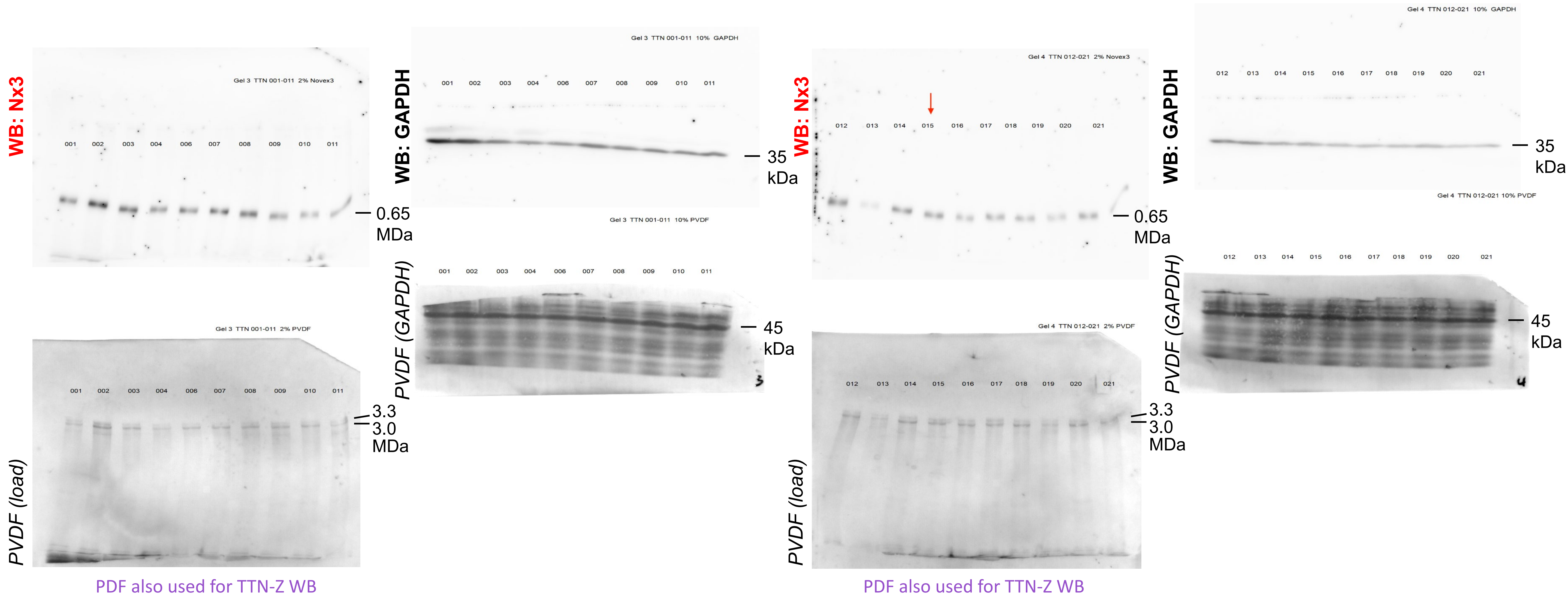
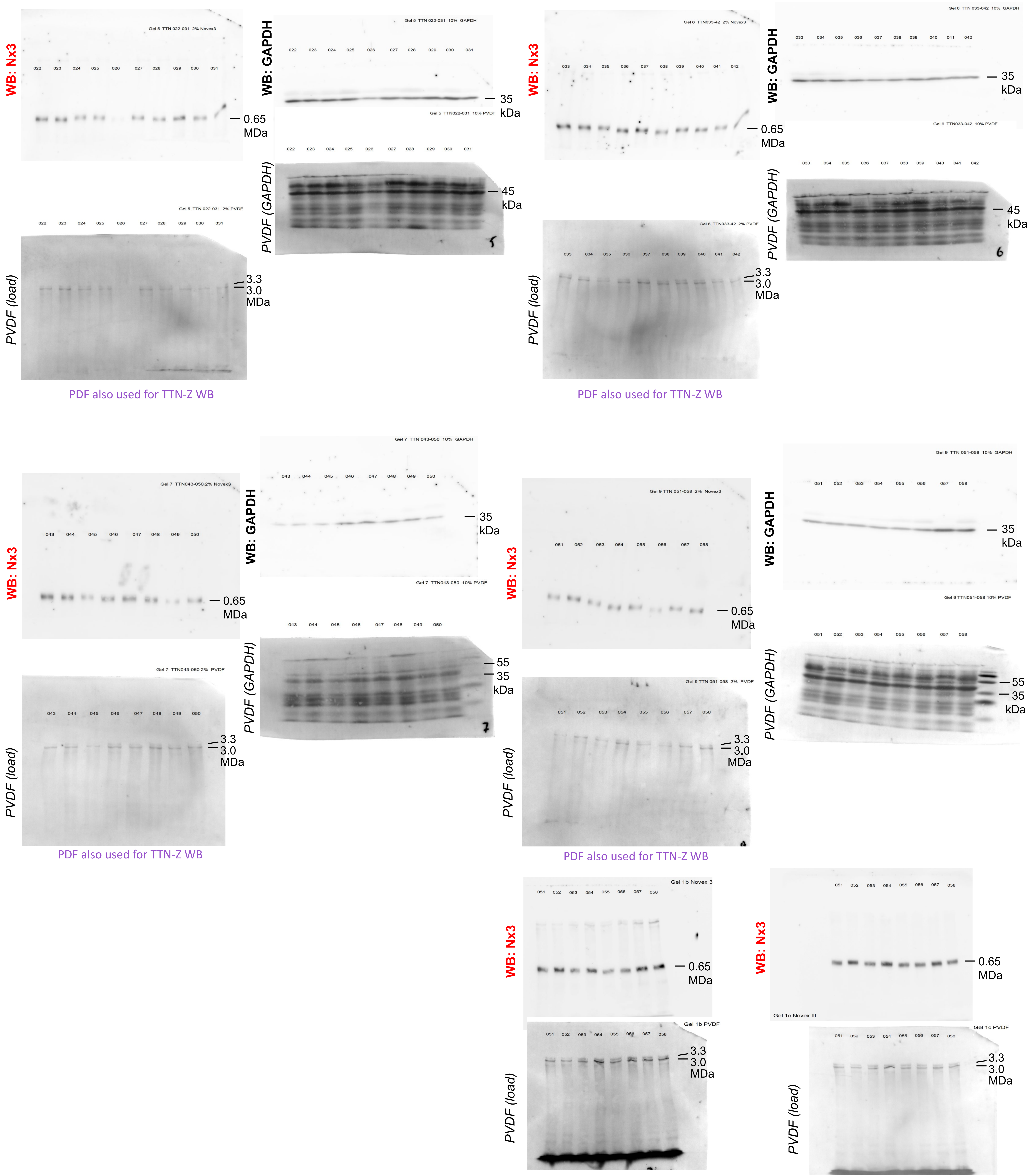


Figure 8A – images only used for quantification (continued)

DCM hearts, **WB anti-Novex-3**, Titin gels (2%) and corresponding, Coomassie-stained blotting membrane (PVDF); and GAPDH on 10% gels (loading control)



DCM hearts, **WB anti-Novex-3**, Titin gels (2%) and corresponding, Coomassie-stained blotting membrane (PVDF); and GAPDH on 10% gels (loading control)

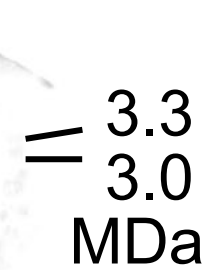
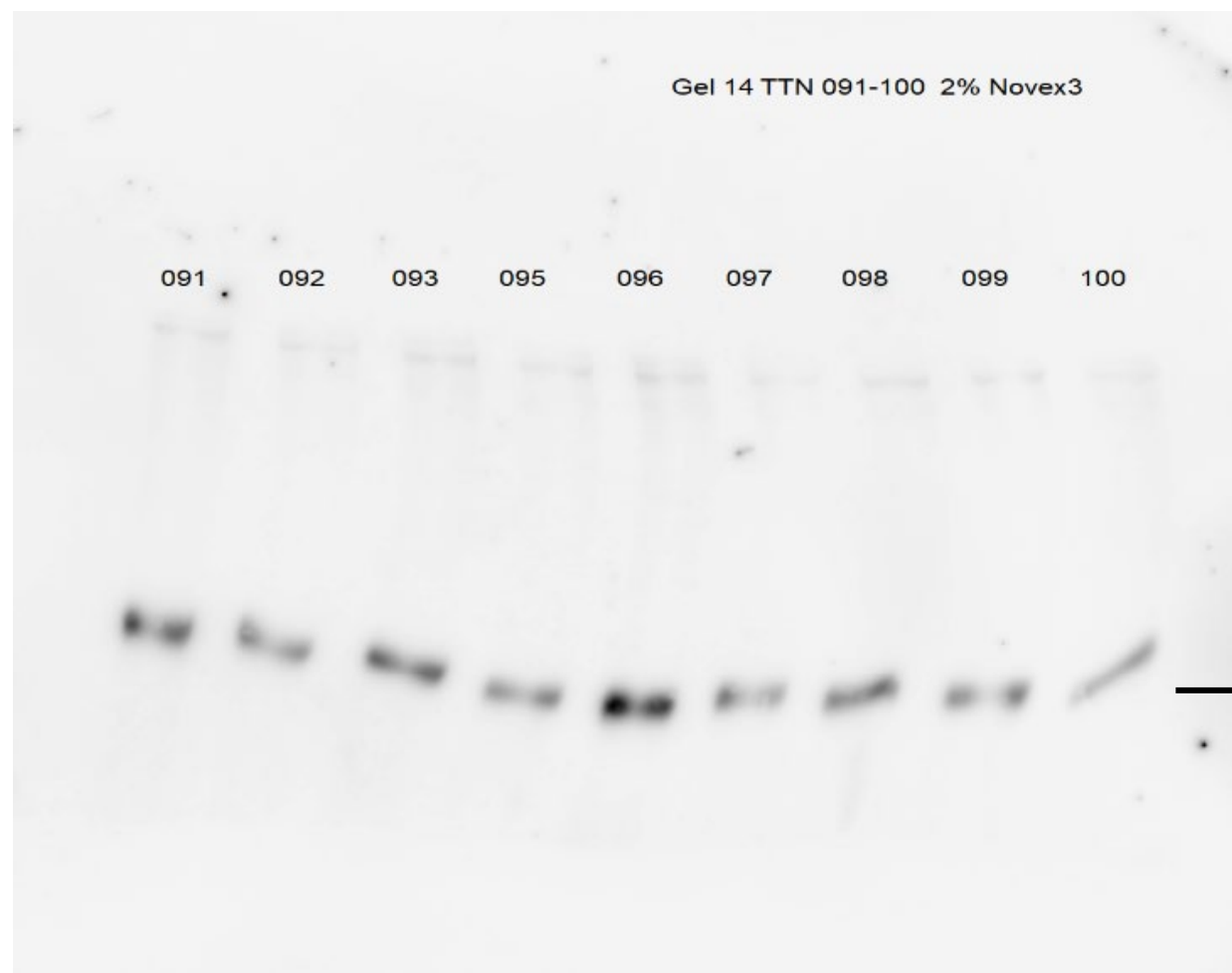


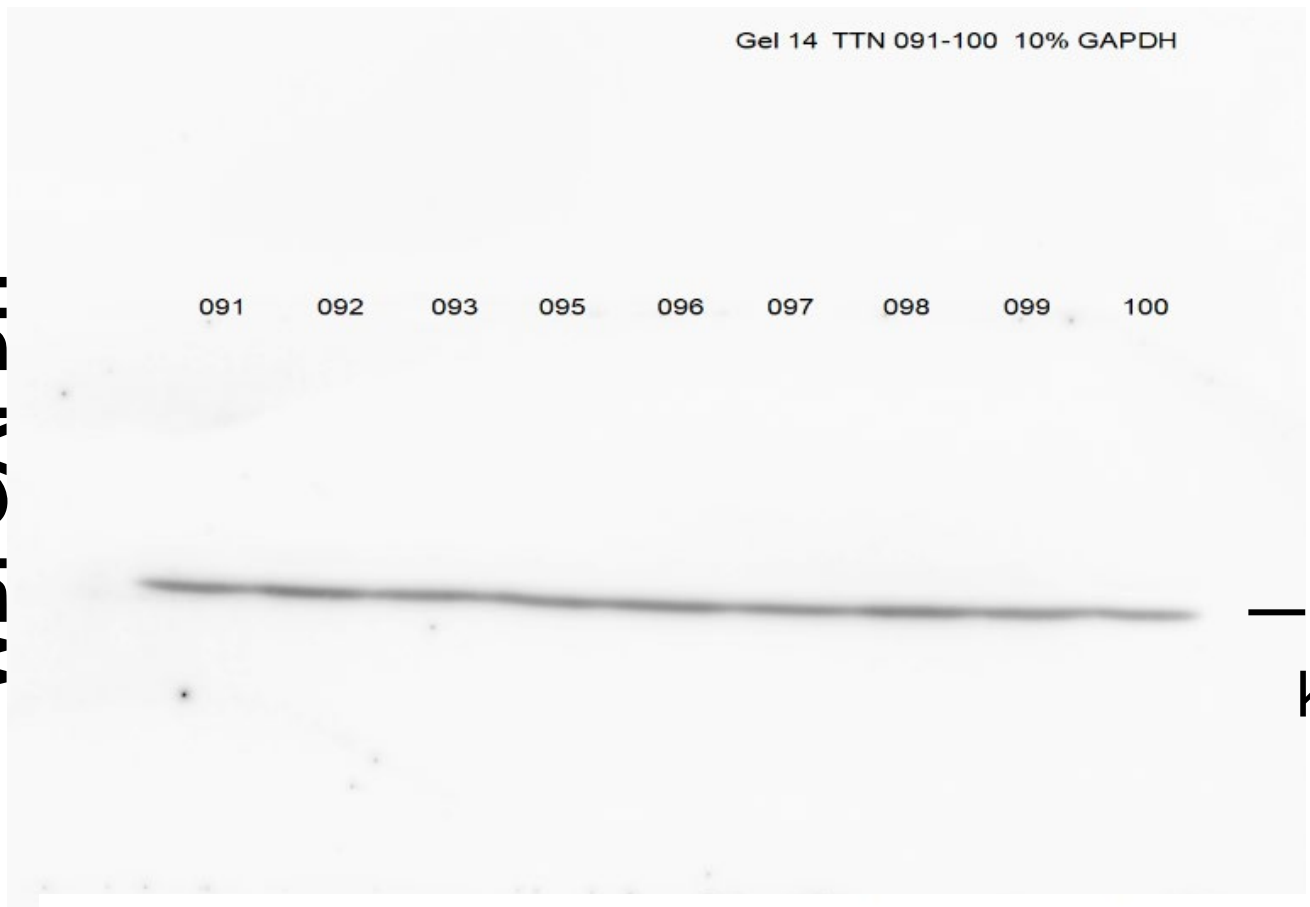
Figure 8A – images only used for quantification (continued)

DCM (incl. TTNtv) hearts, **WB anti-Novex-3**, Titin gels (2%) and corresponding, Coomassie-stained blotting membrane (PVDF); & GAPDH on 10% gels (loading control)

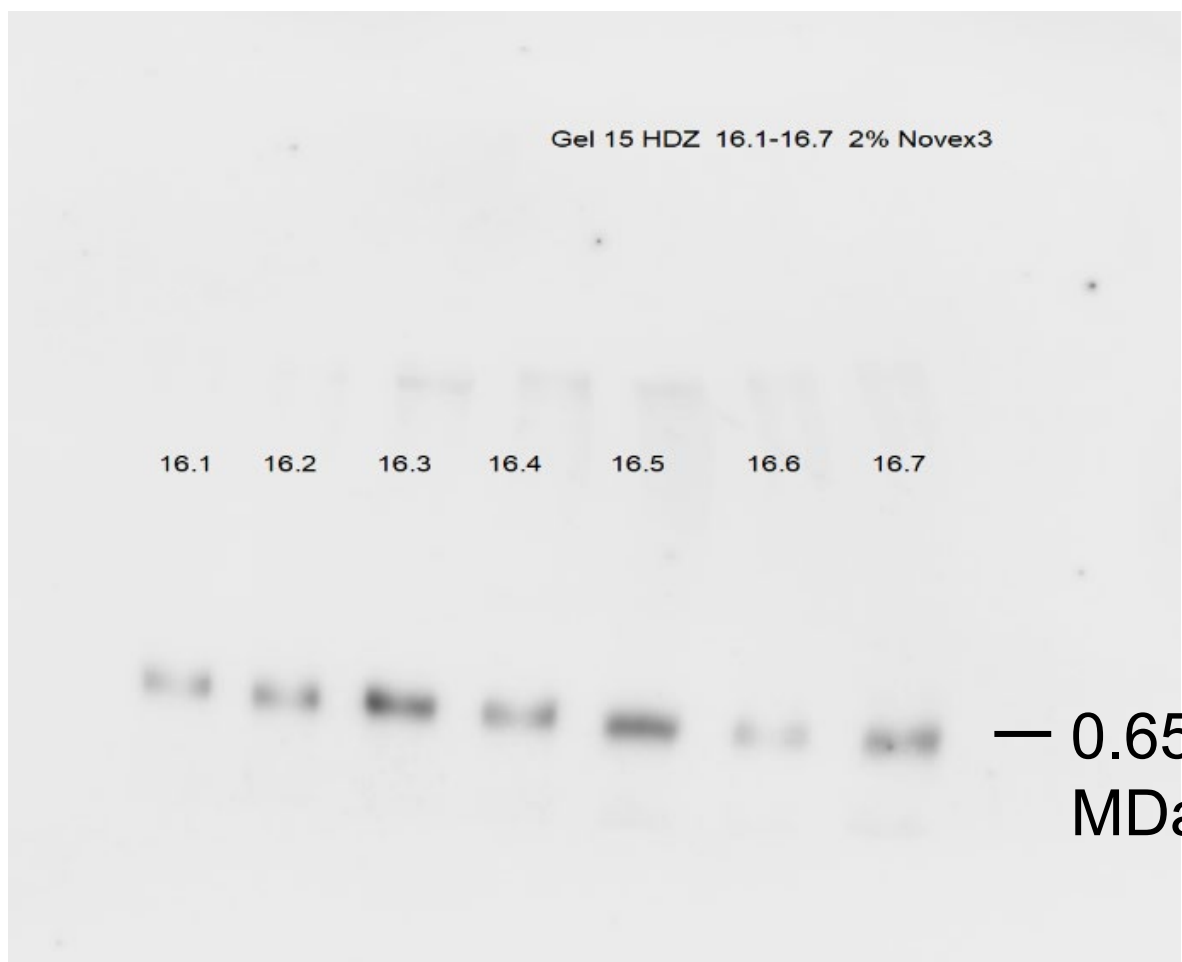
WB: Nx3



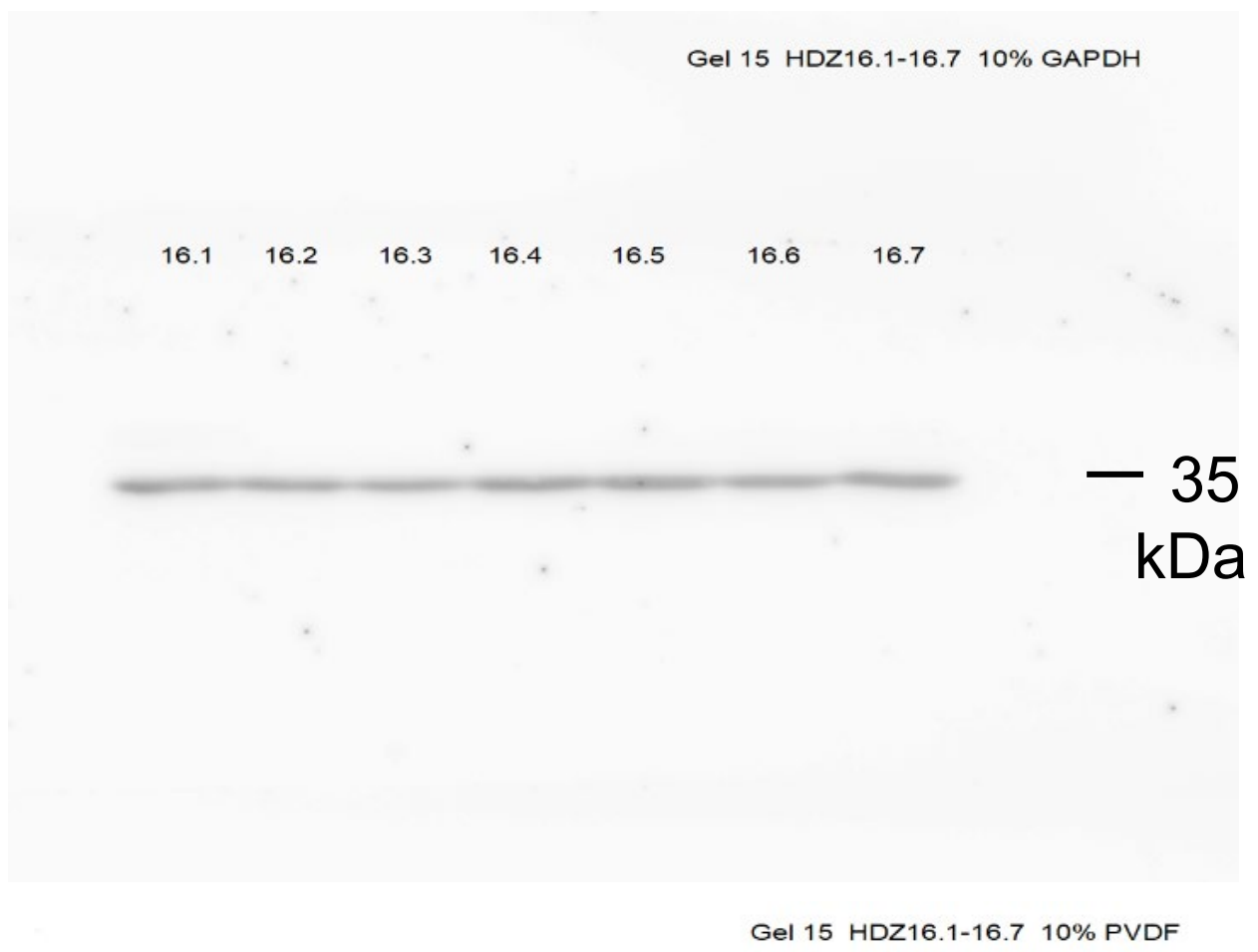
WB: GAPDH



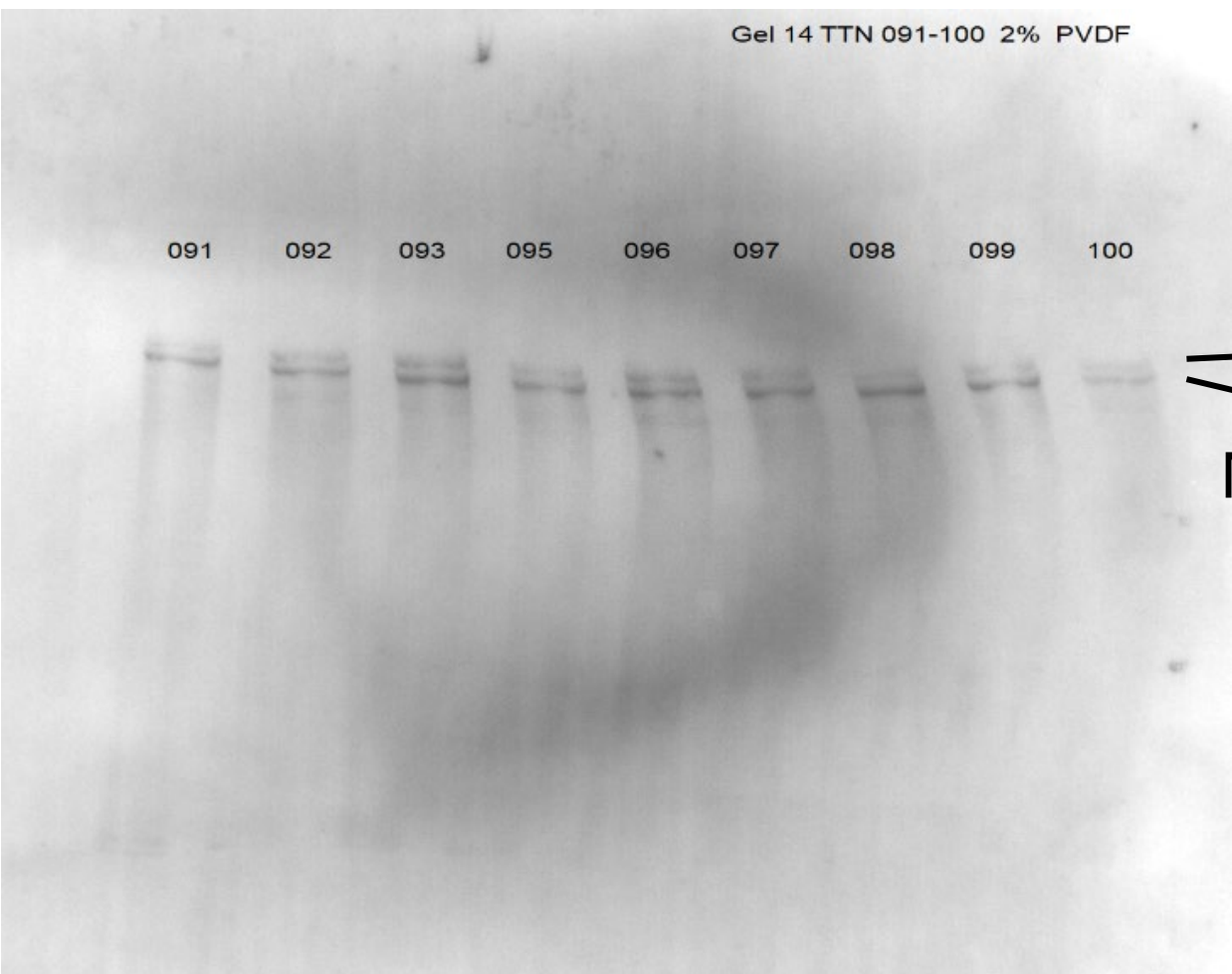
WB: Nx3



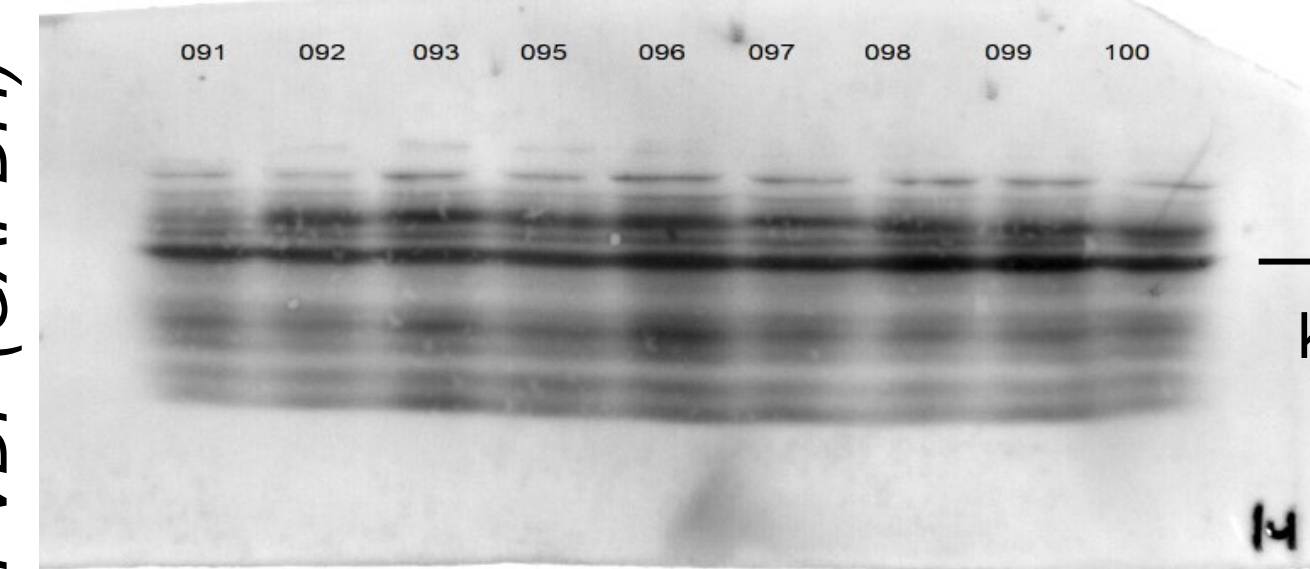
WB: GAPDH



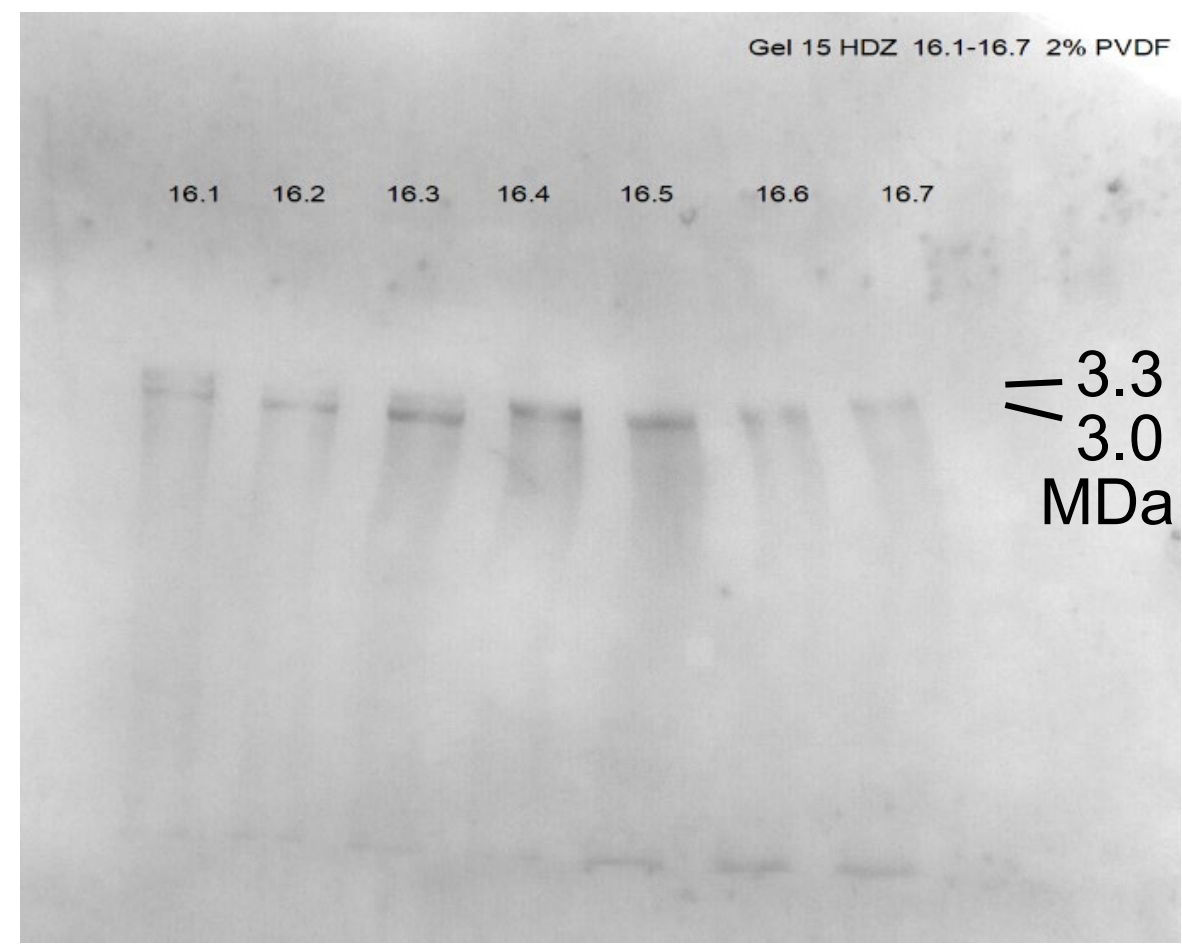
PVDF (load)



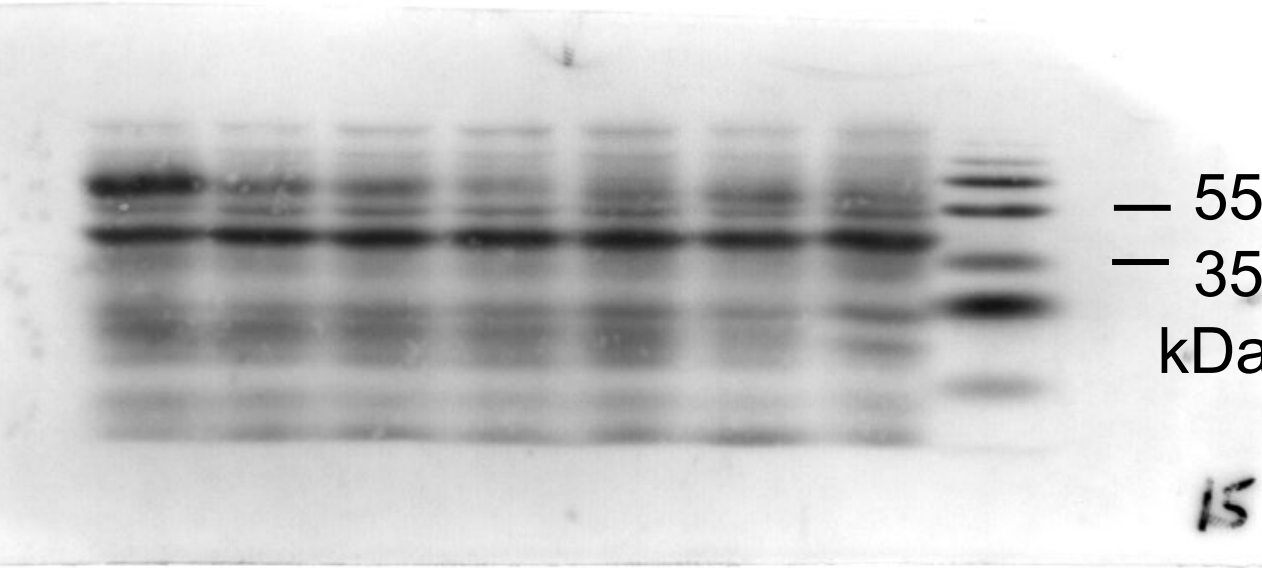
PVDF (GAPDH)



PVDF (load)



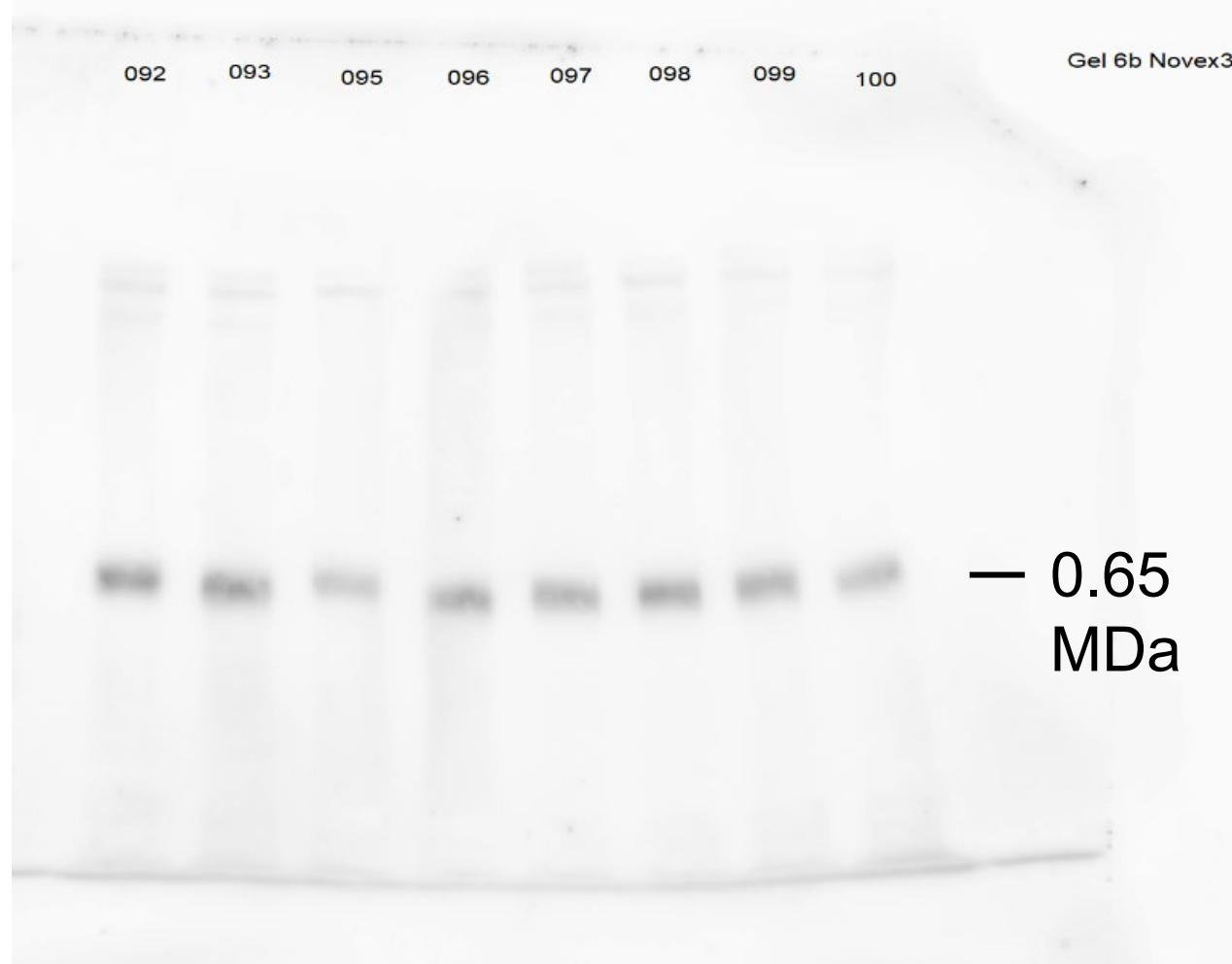
PVDF (GAPDH)



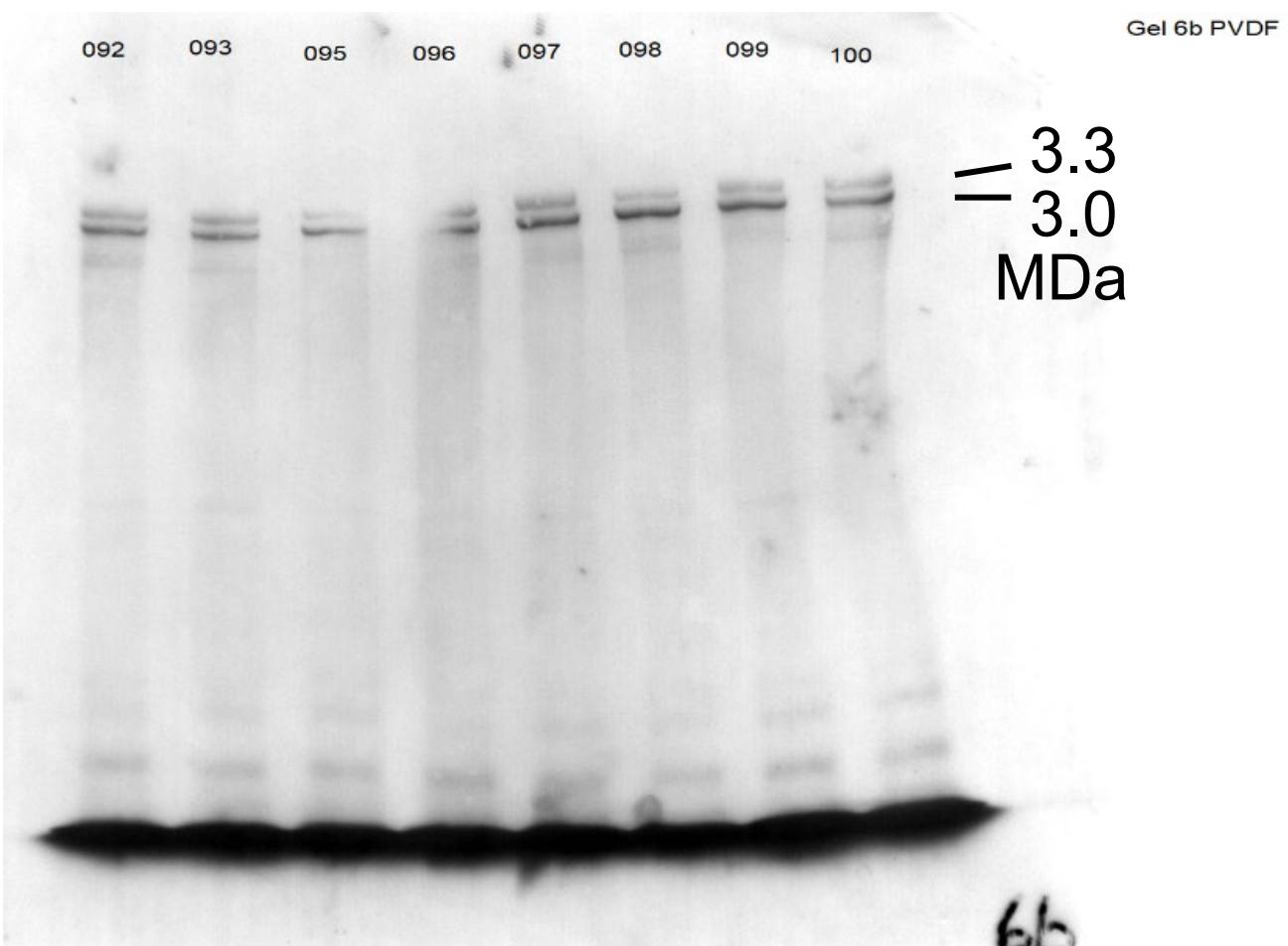
PDF also used for TTN-Z WB

PDF also used for TTN-Z WB

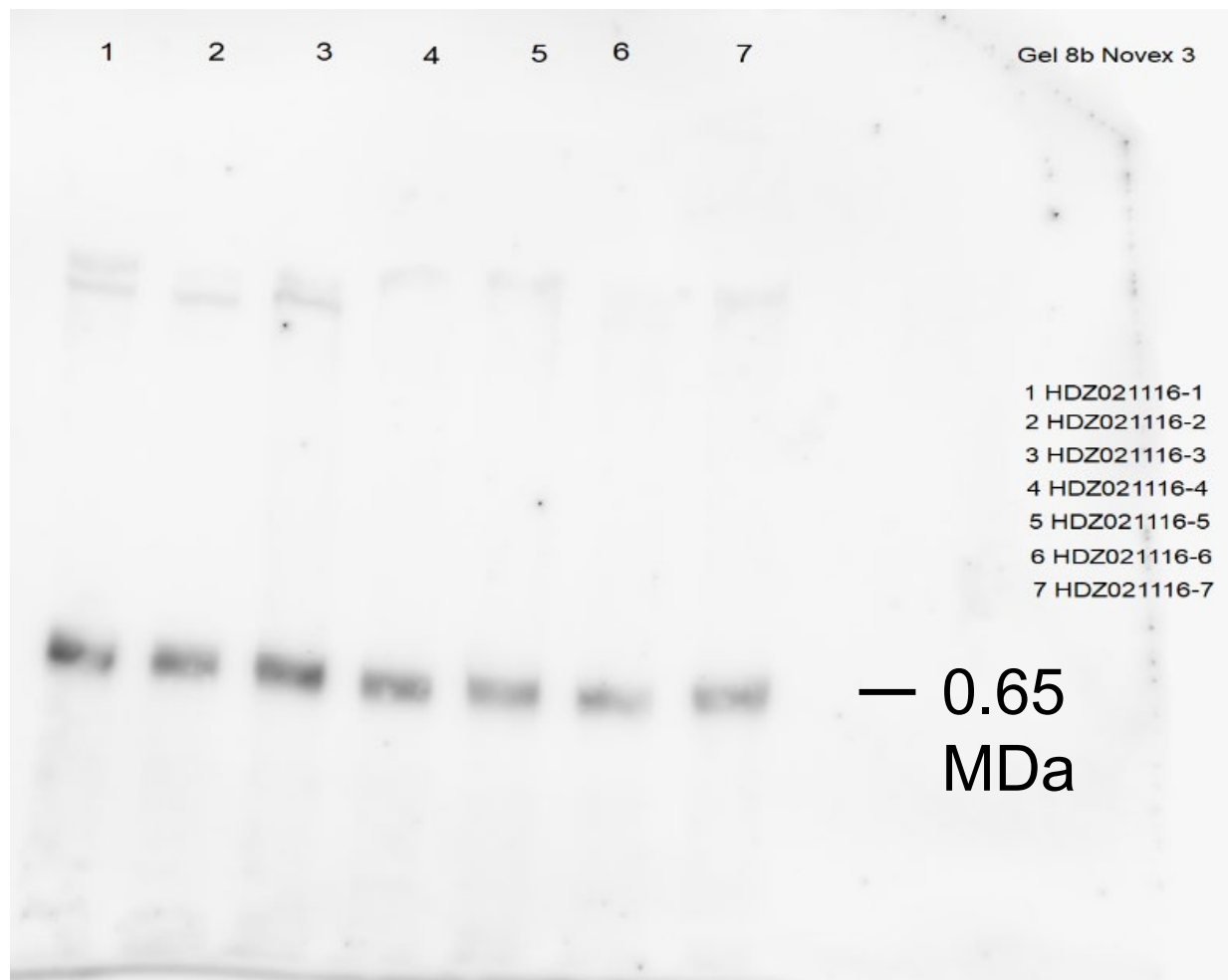
WB: Nx3



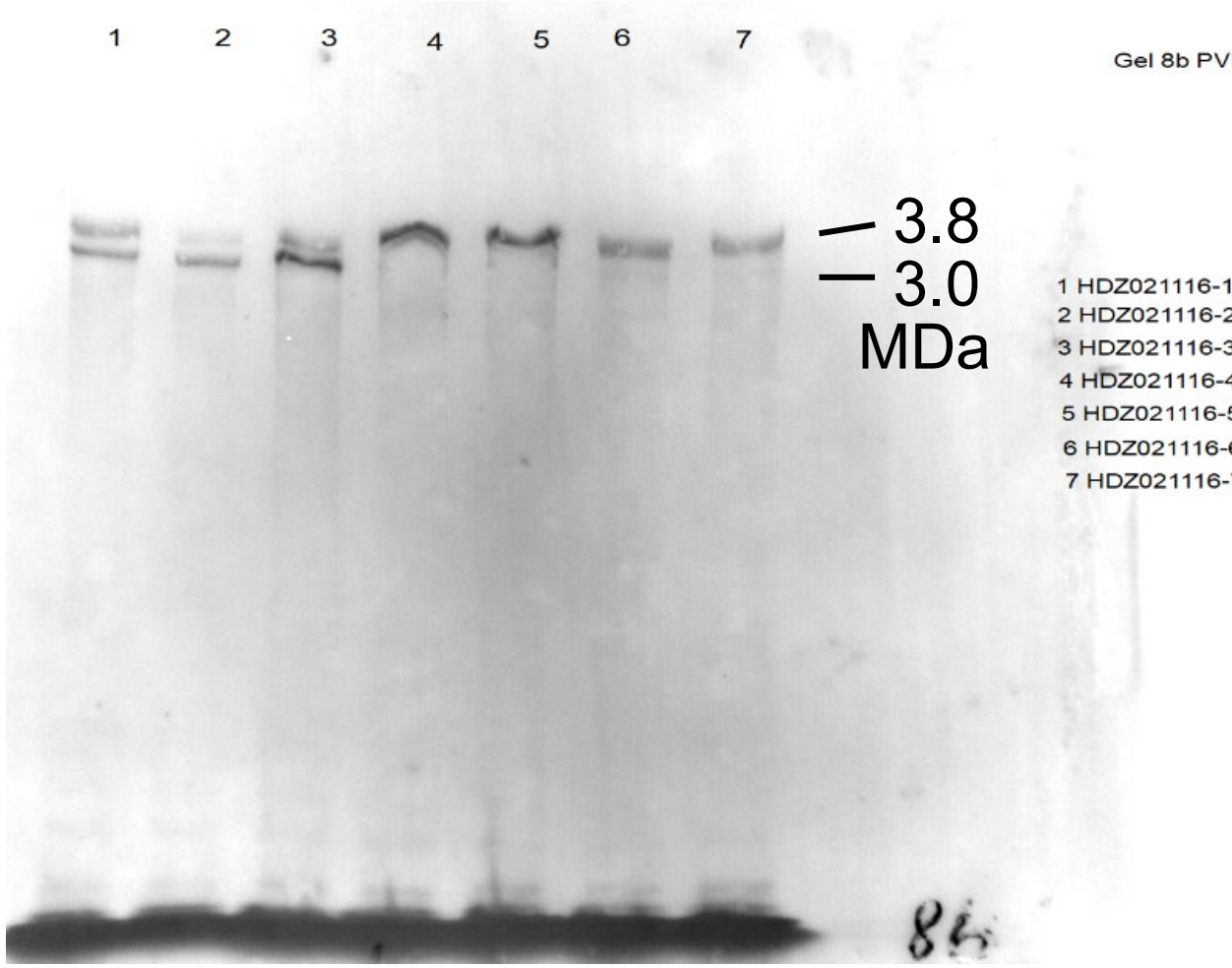
PVDF (load)



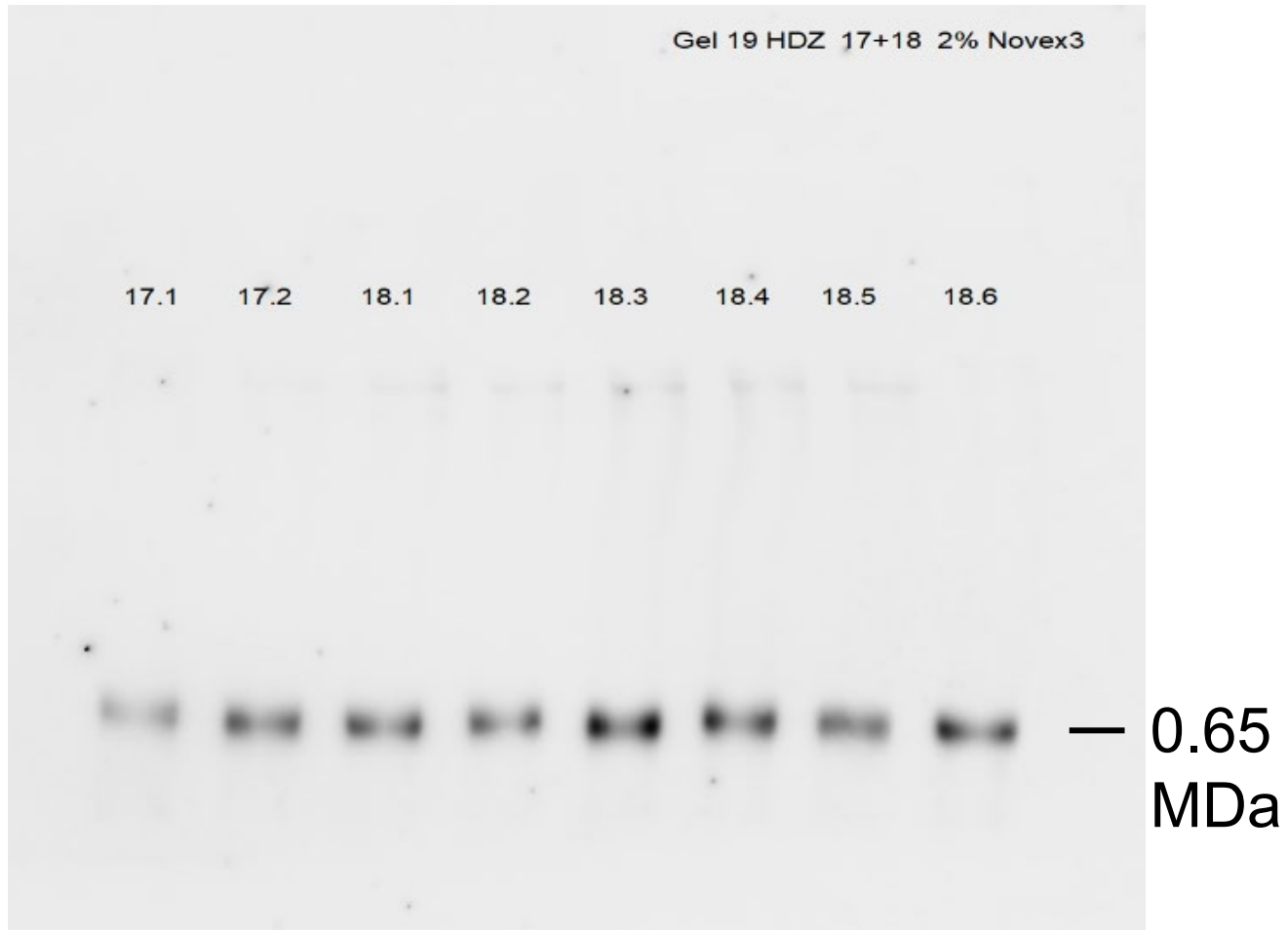
WB: Nx3



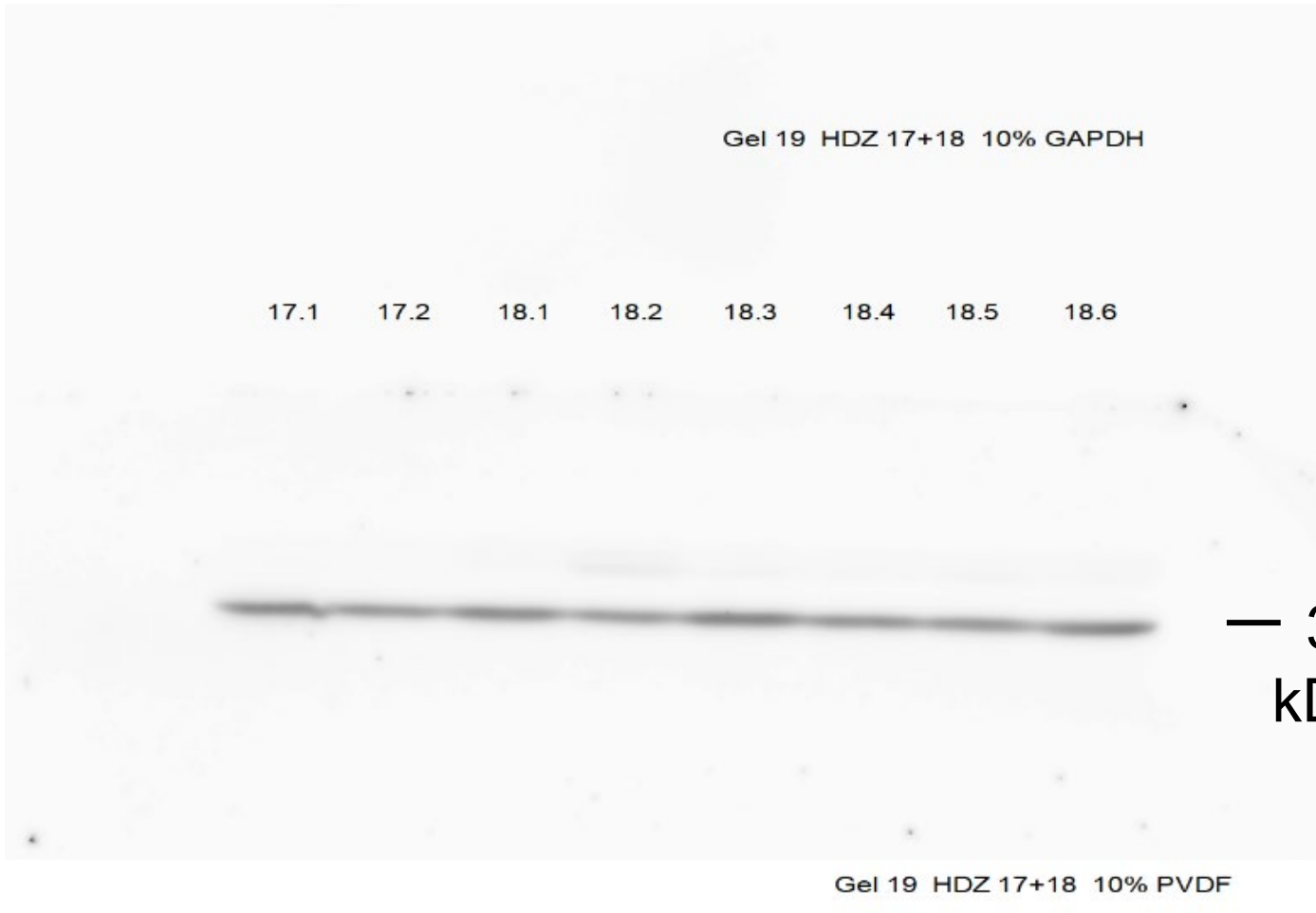
PVDF (load)



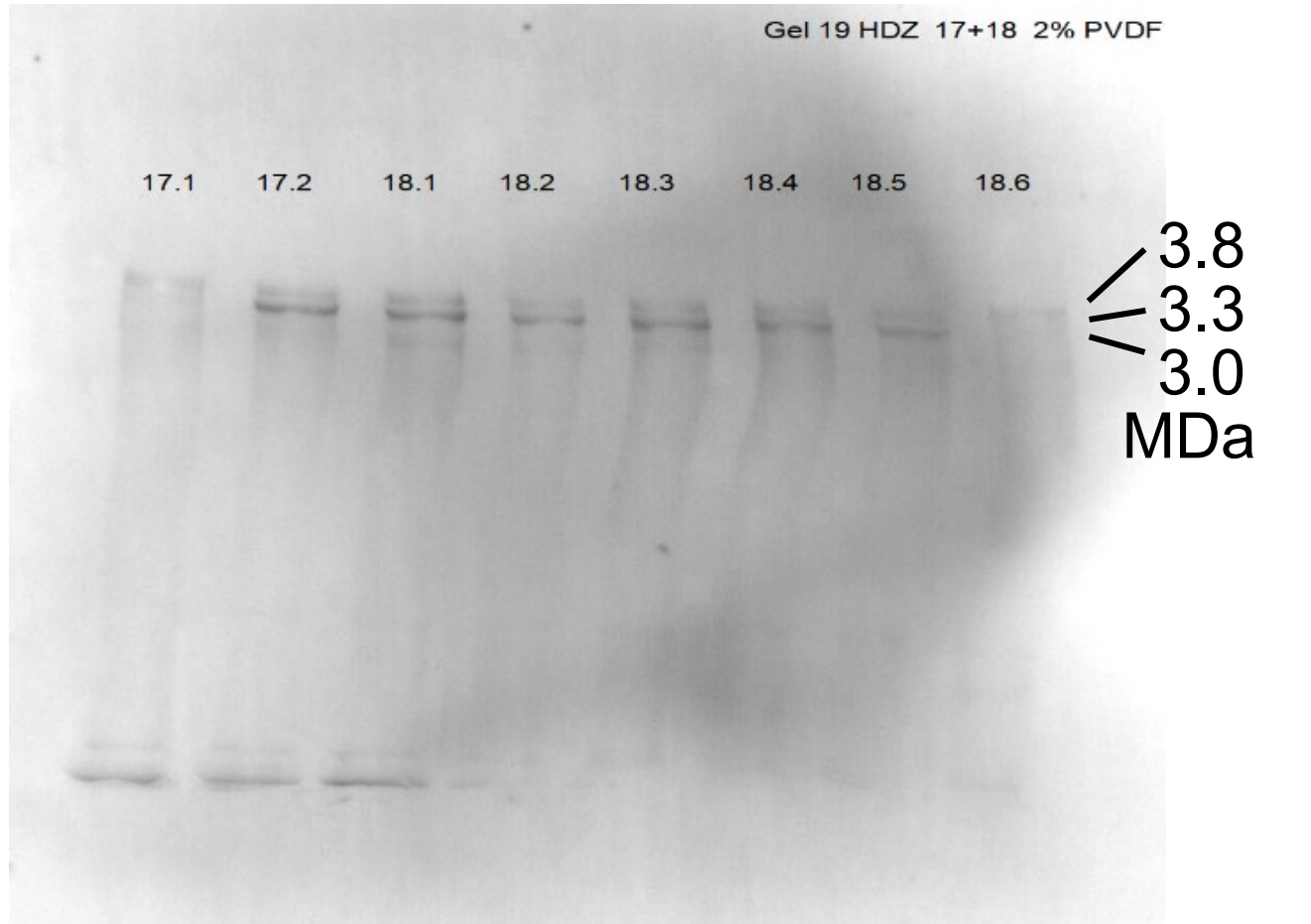
WB: Nx3



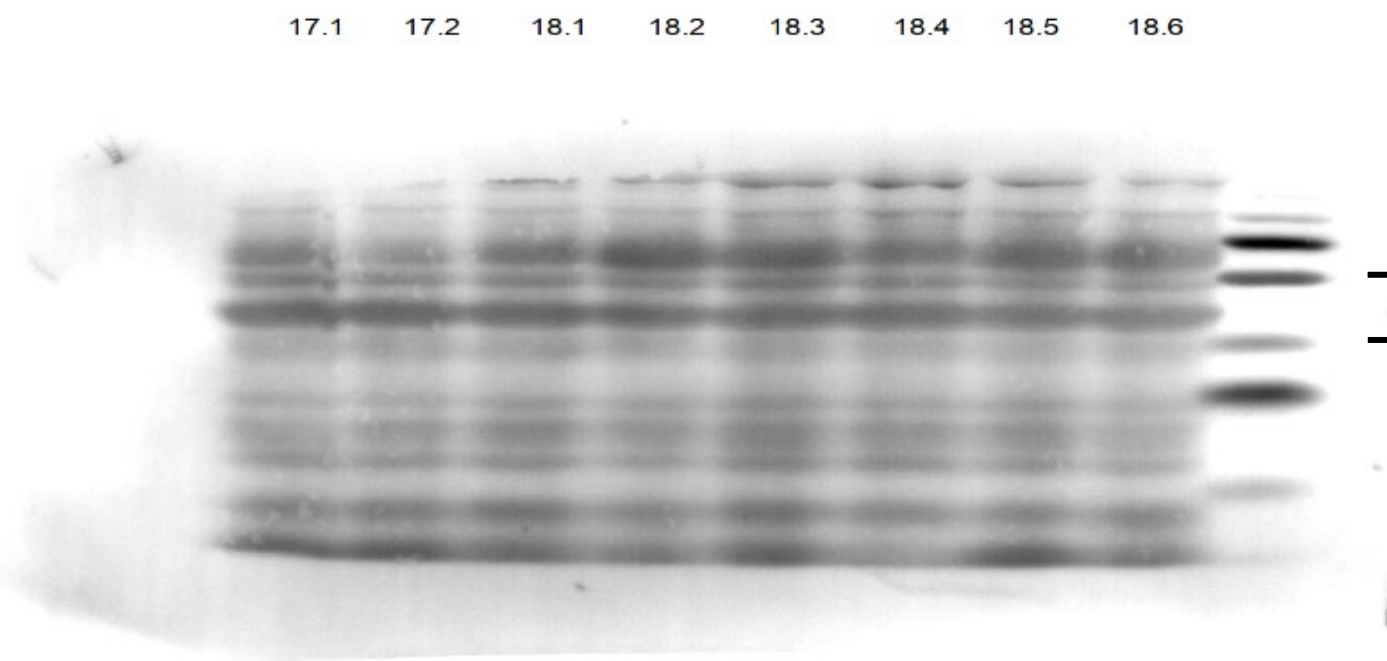
WB: GAPDH



PVDF (load)

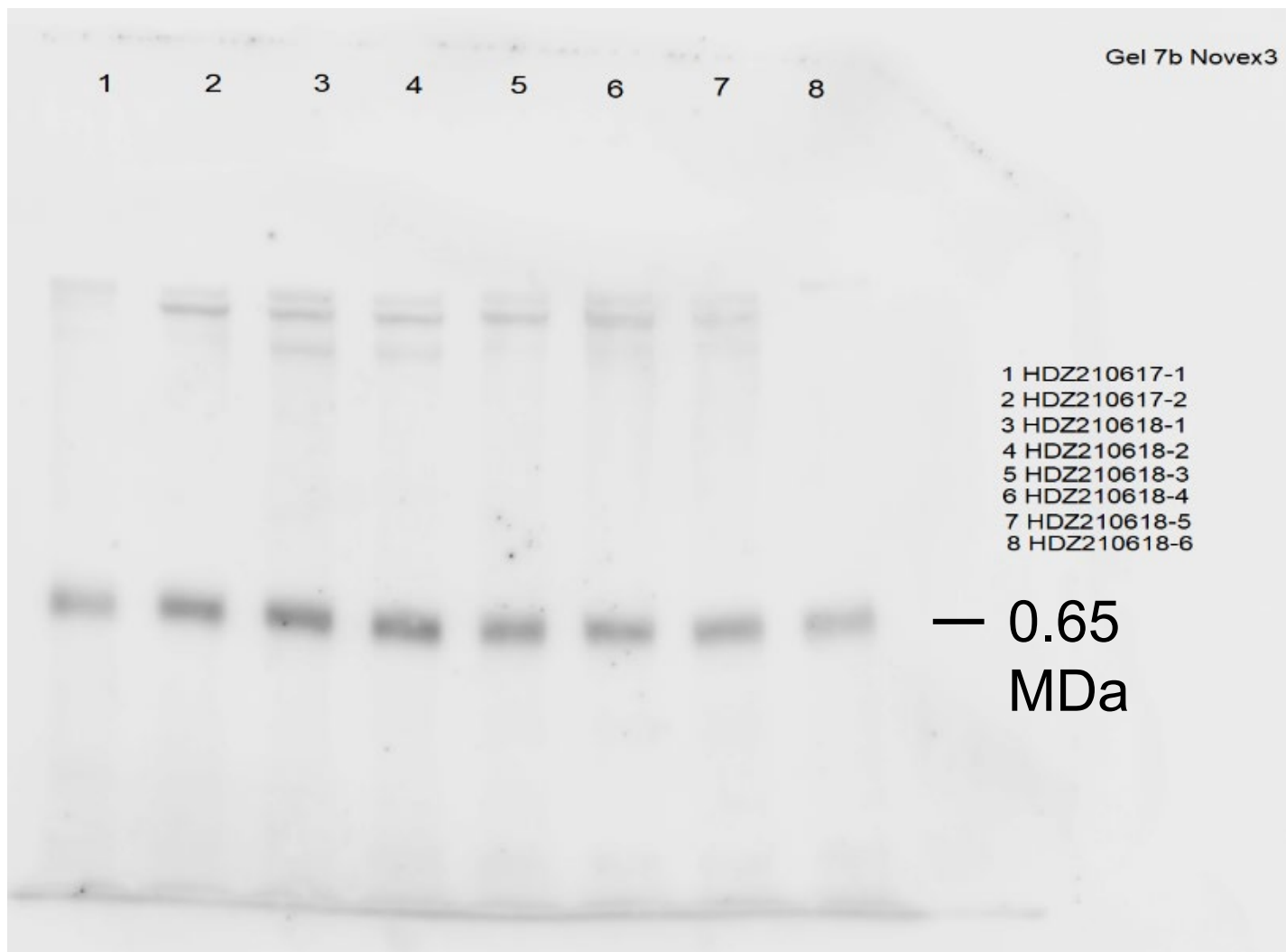


PVDF (GAPDH)



PDF also used for TTN-Z WB

WB: Nx3



PVDF (load)

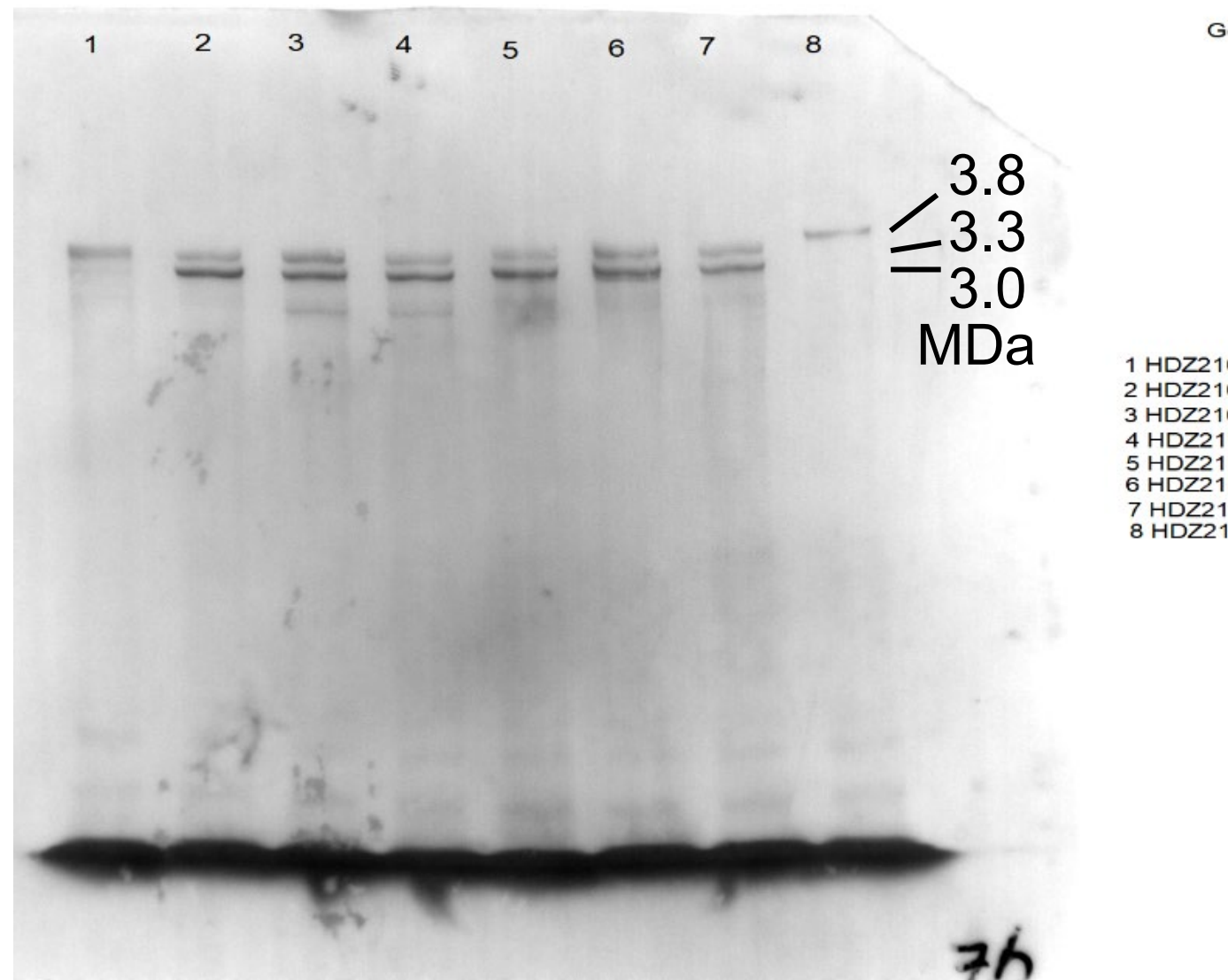


Figure 8A – images only used for quantification (continued)

TTNtv hearts only, **WB anti-Novex-3**, Titin gels (2%) and corresponding, Coomassie-stained blotting membrane (PVDF); and GAPDH on 10% gels (loading control)

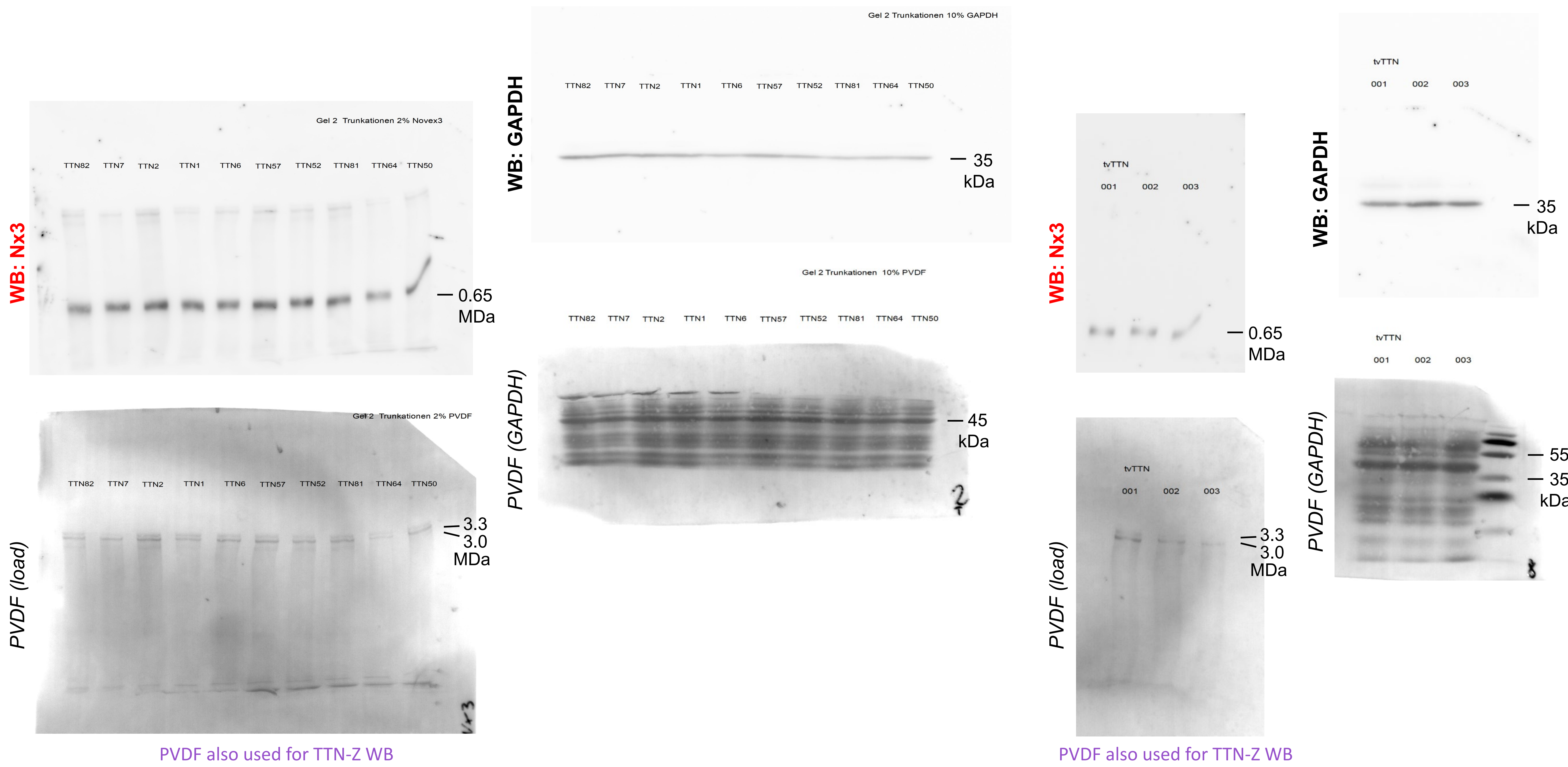


Figure 8B – representative images

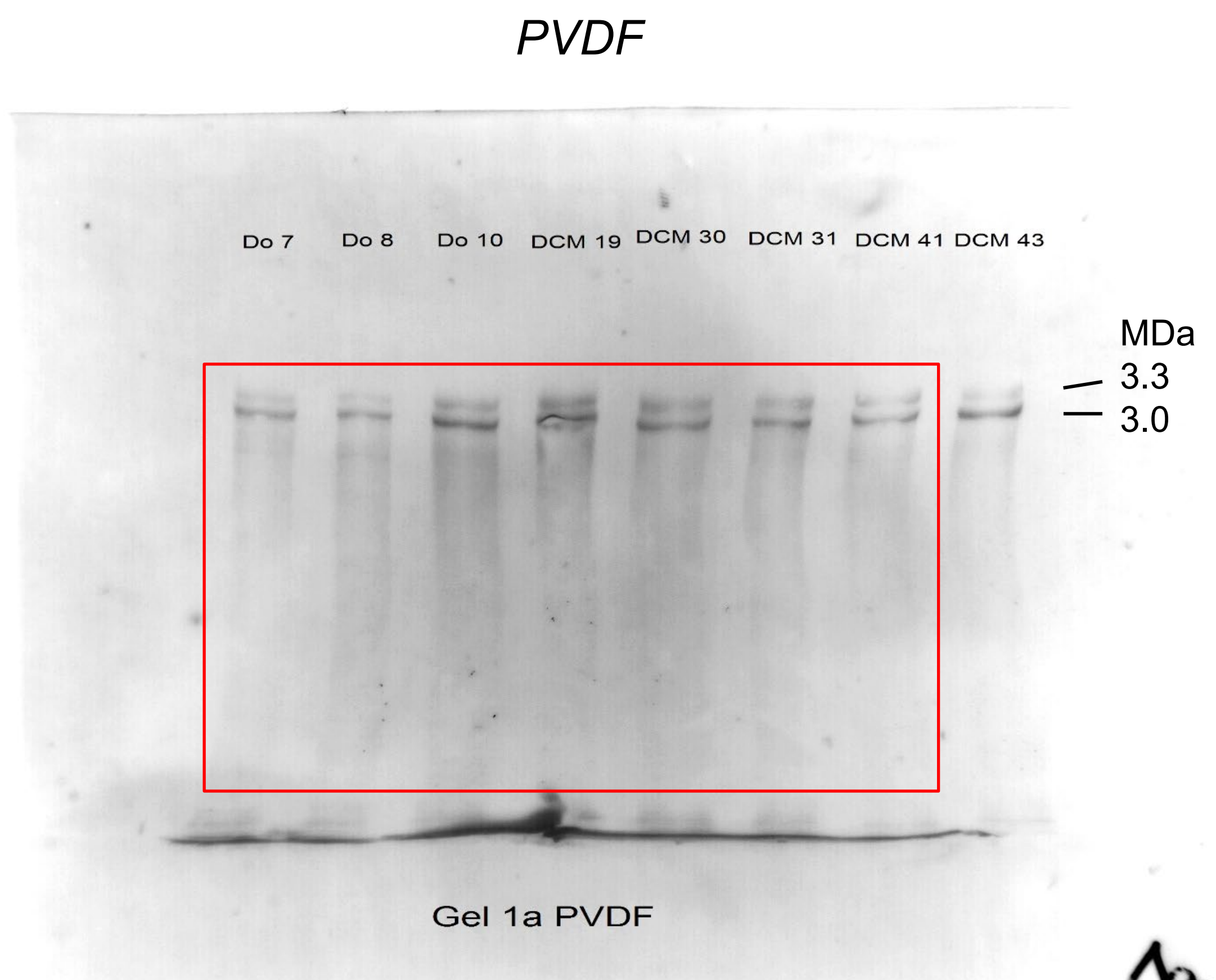
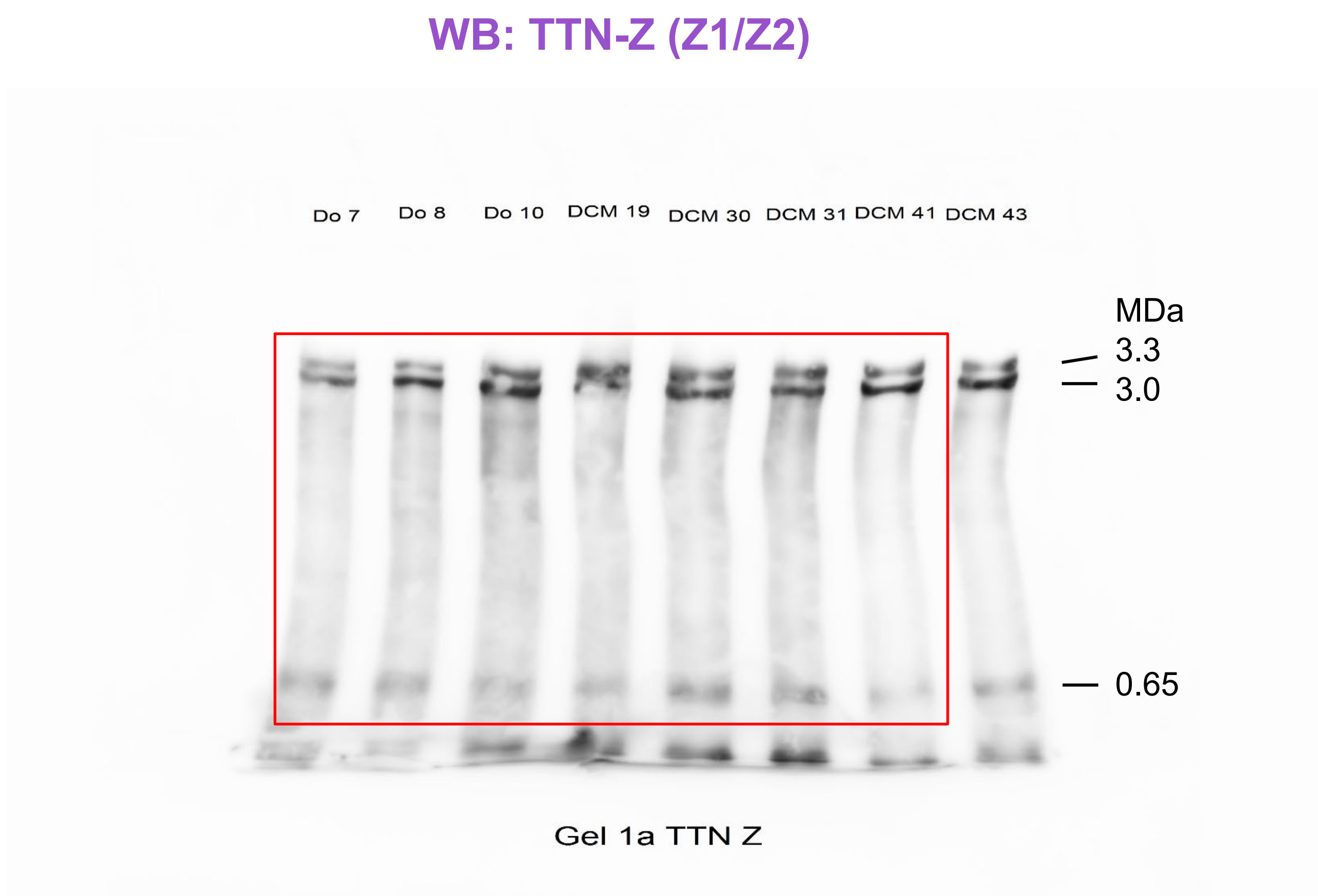
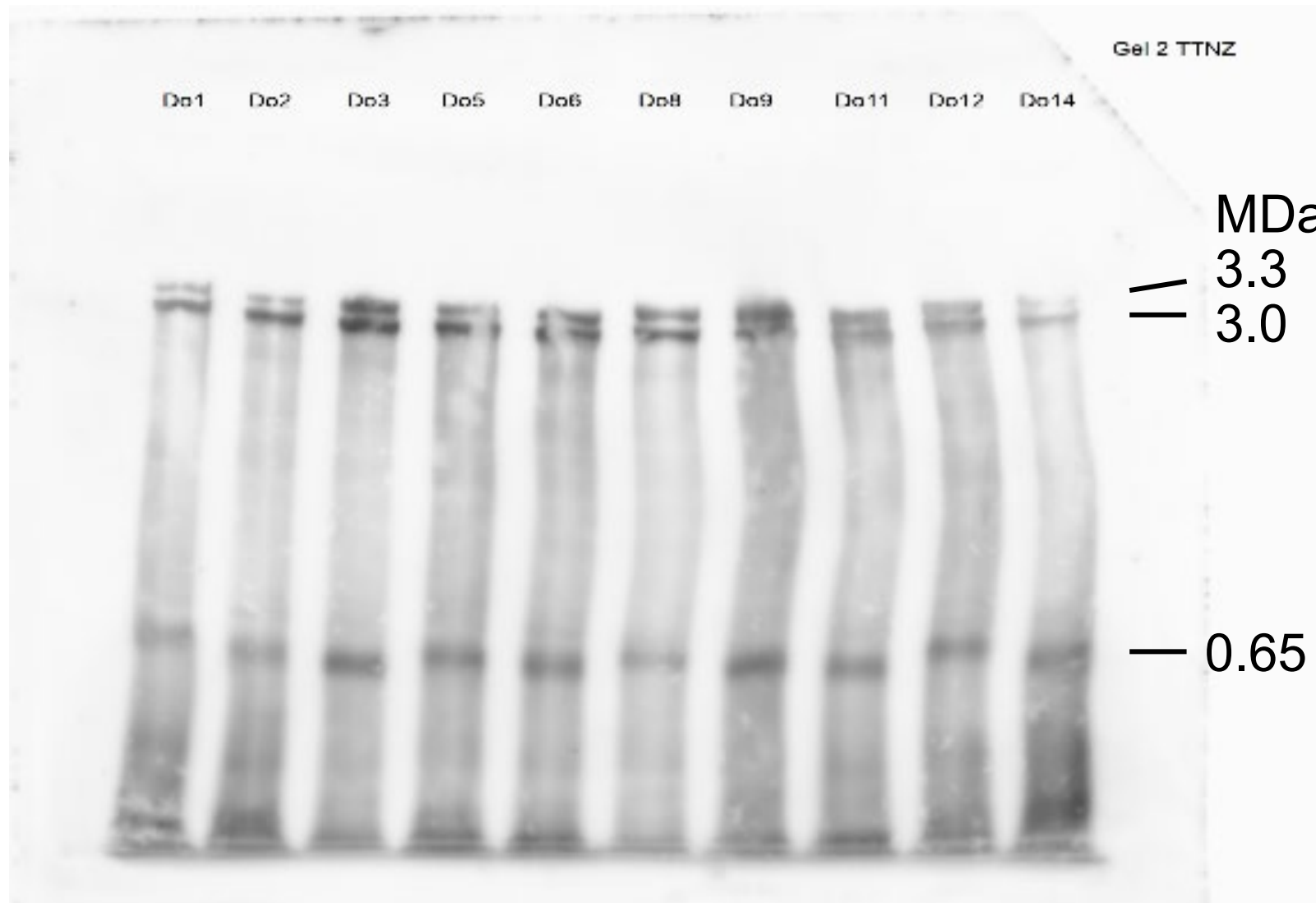


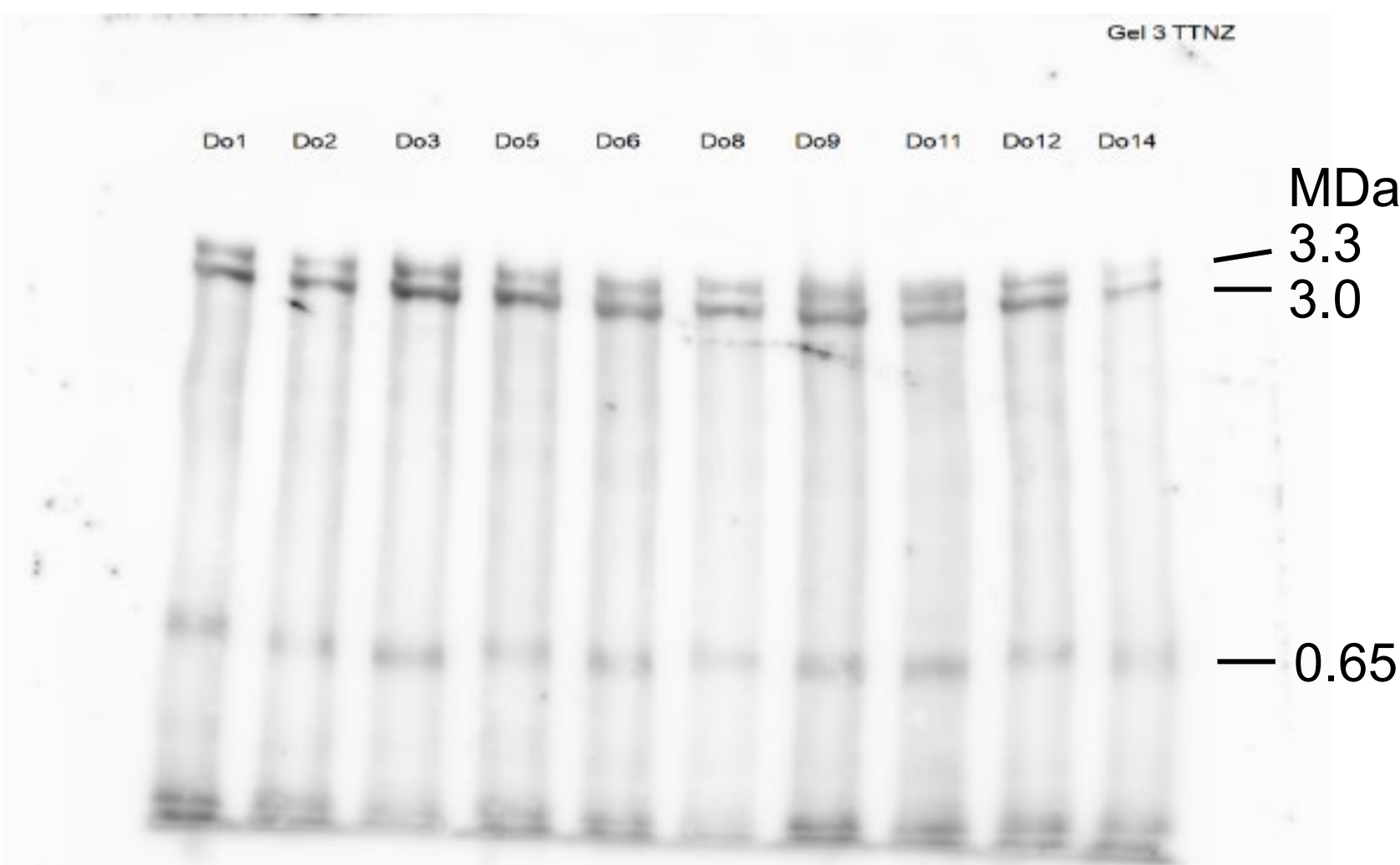
Figure 8B – images only used for quantification

Donor hearts, **WB anti-TTN-Z**; **WBs anti-TTN-Z** and corresponding, Coomassie-stained blotting membrane (PVDF); 1.8% Titin gels

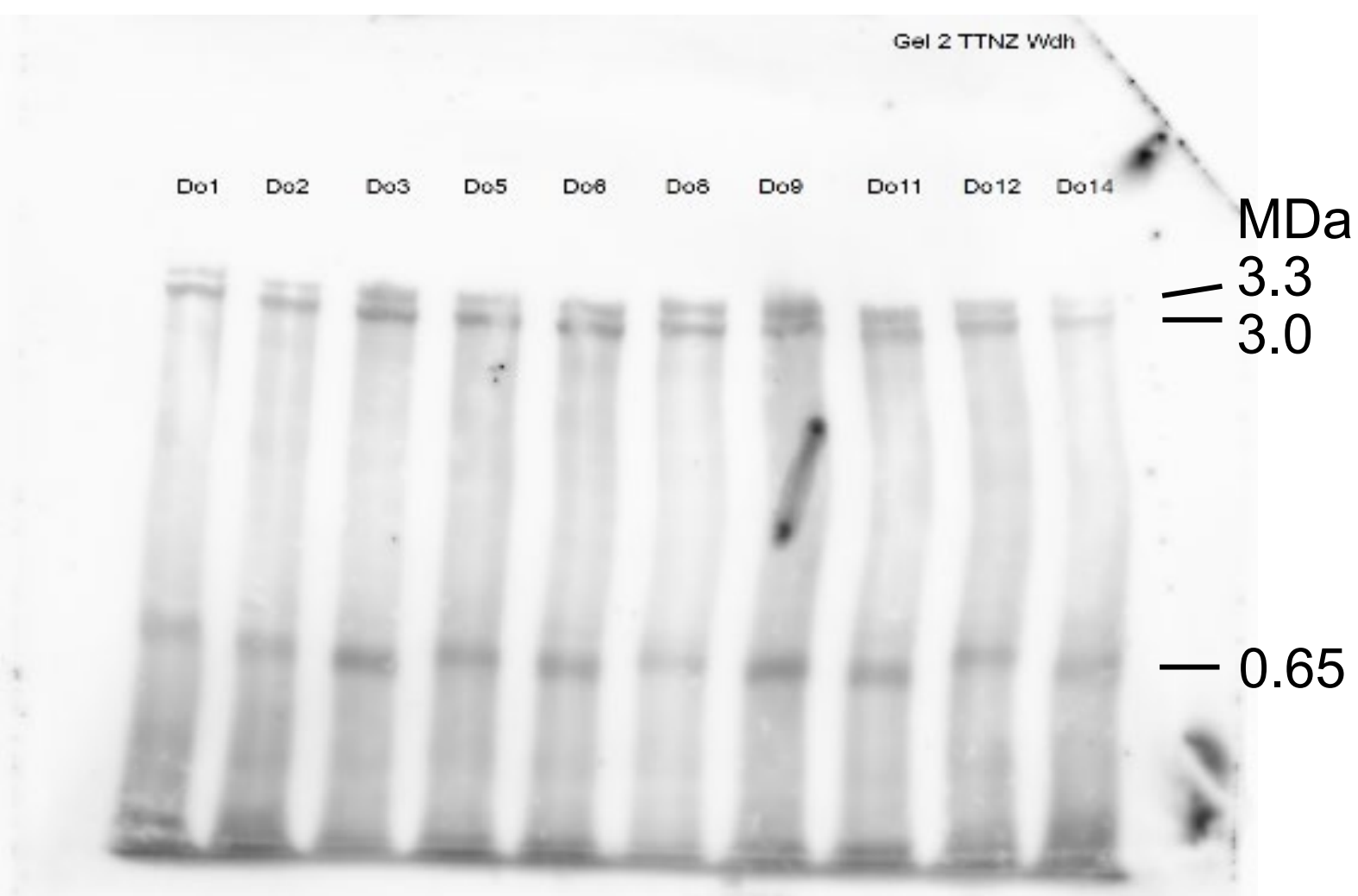
WB: TTN-Z



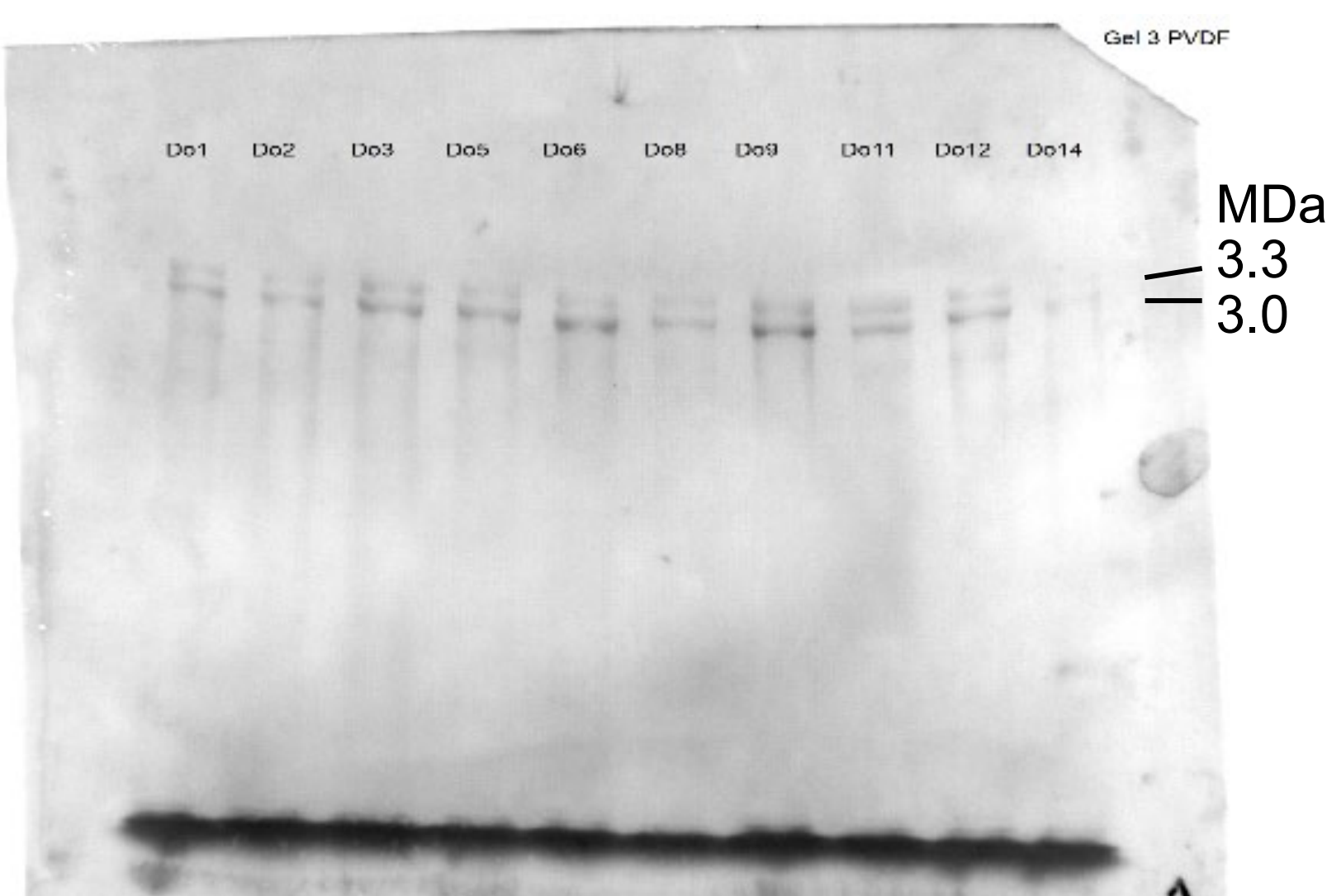
WB: TTN-Z



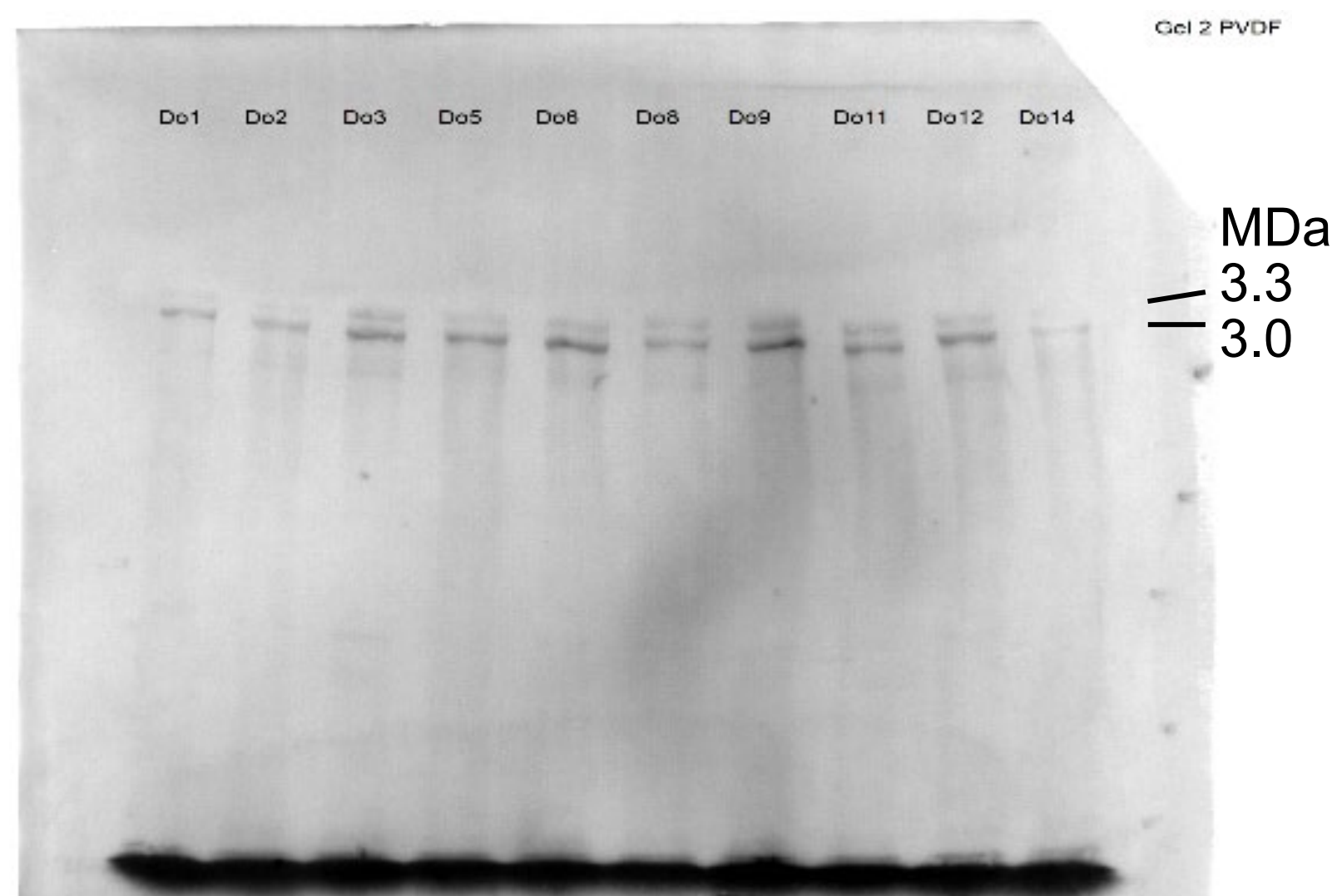
WB: TTN-Z (Repeat)



PVDF (load)

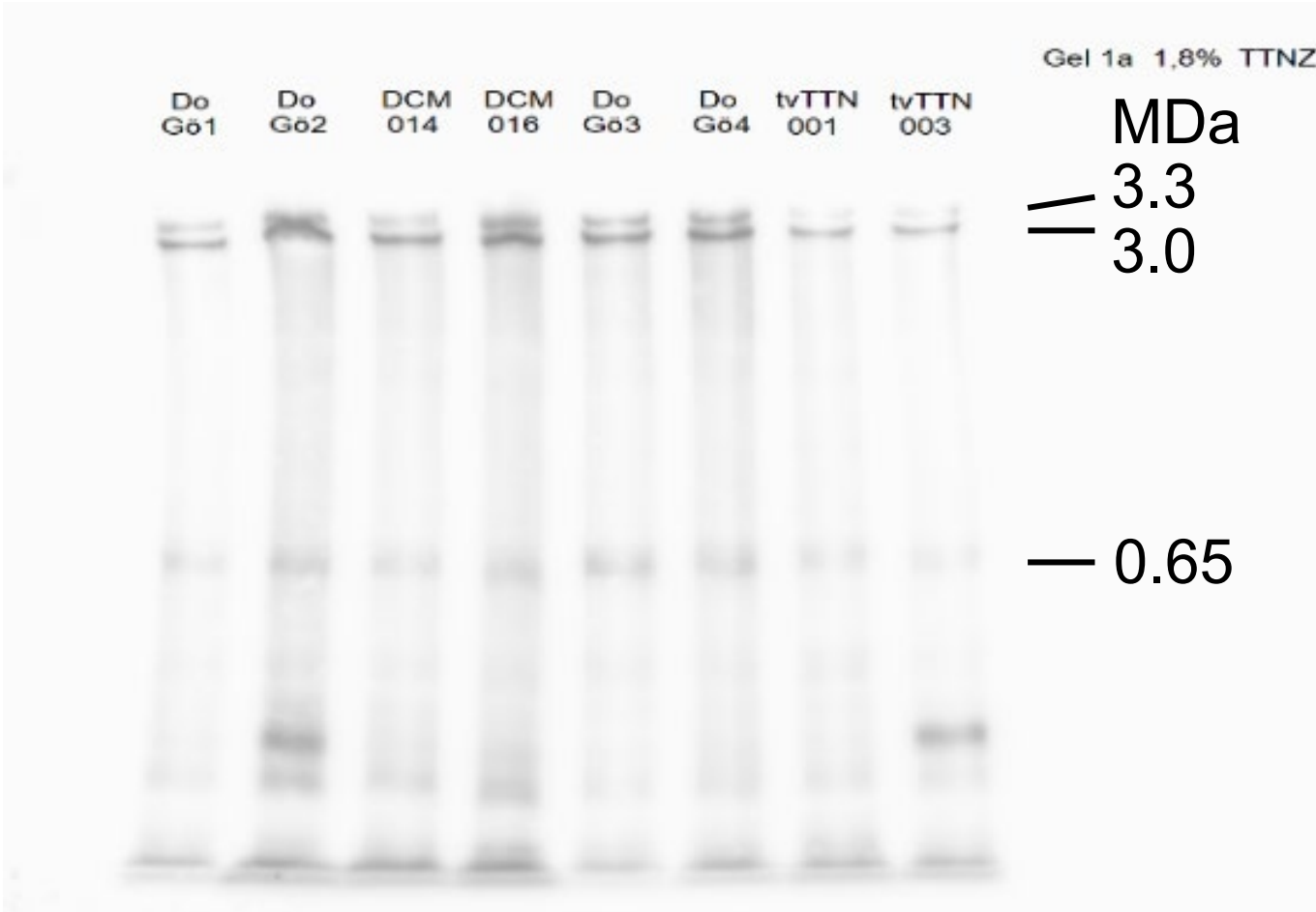


PVDF (load)

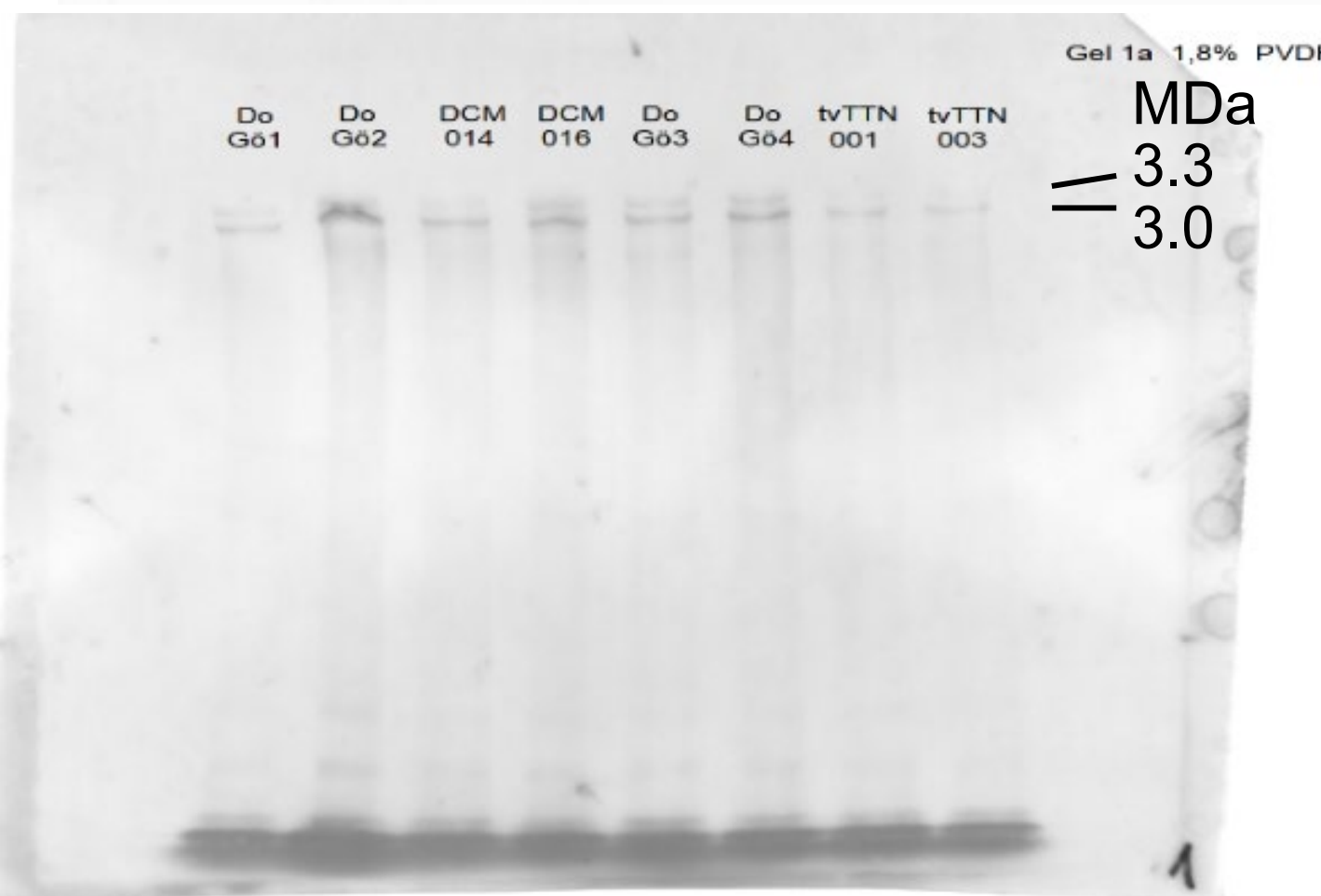


PVDF also used for Nx3 WBs

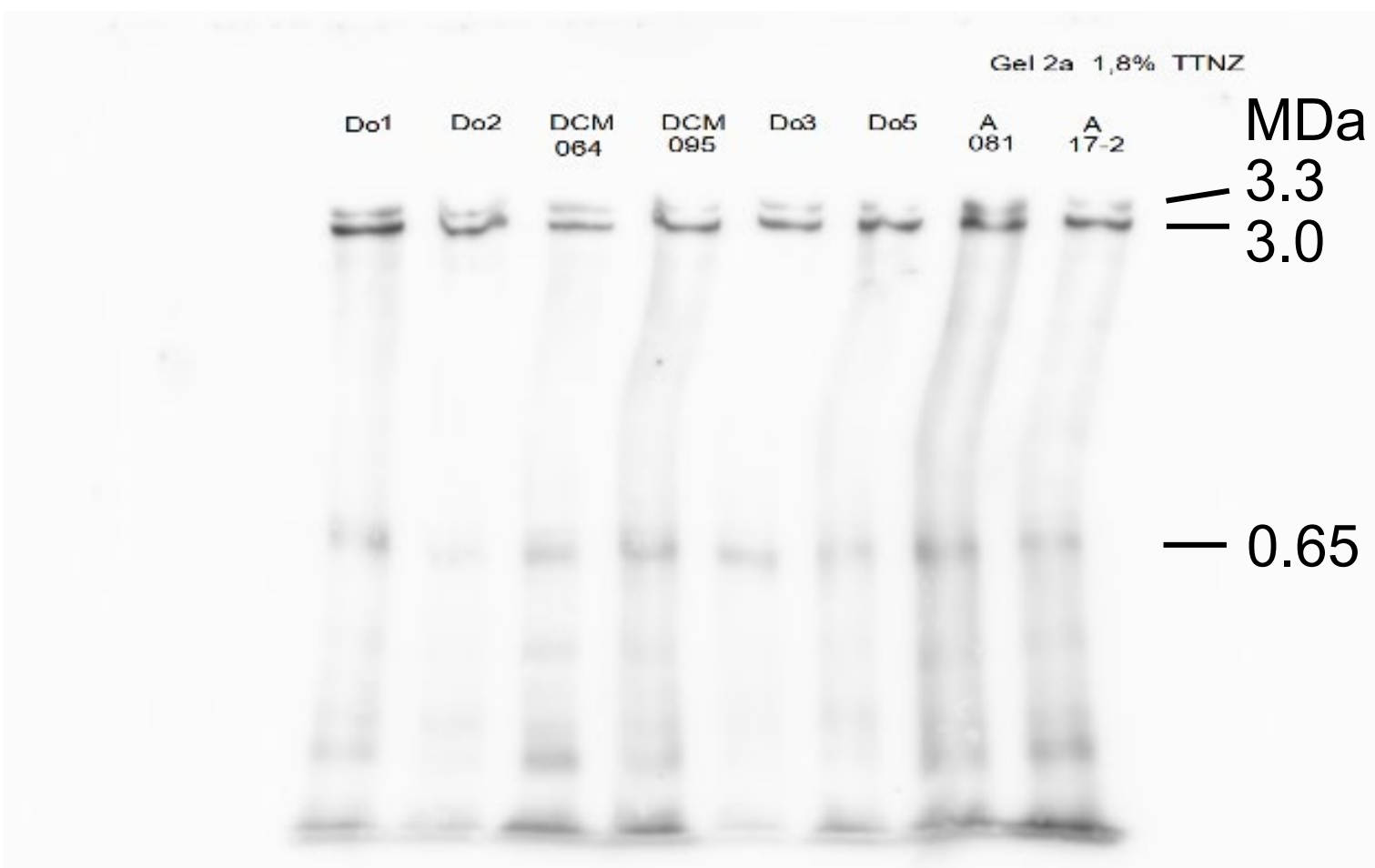
WB: TTN-Z



PVDF (load)



WB: TTN-Z



PVDF (load)

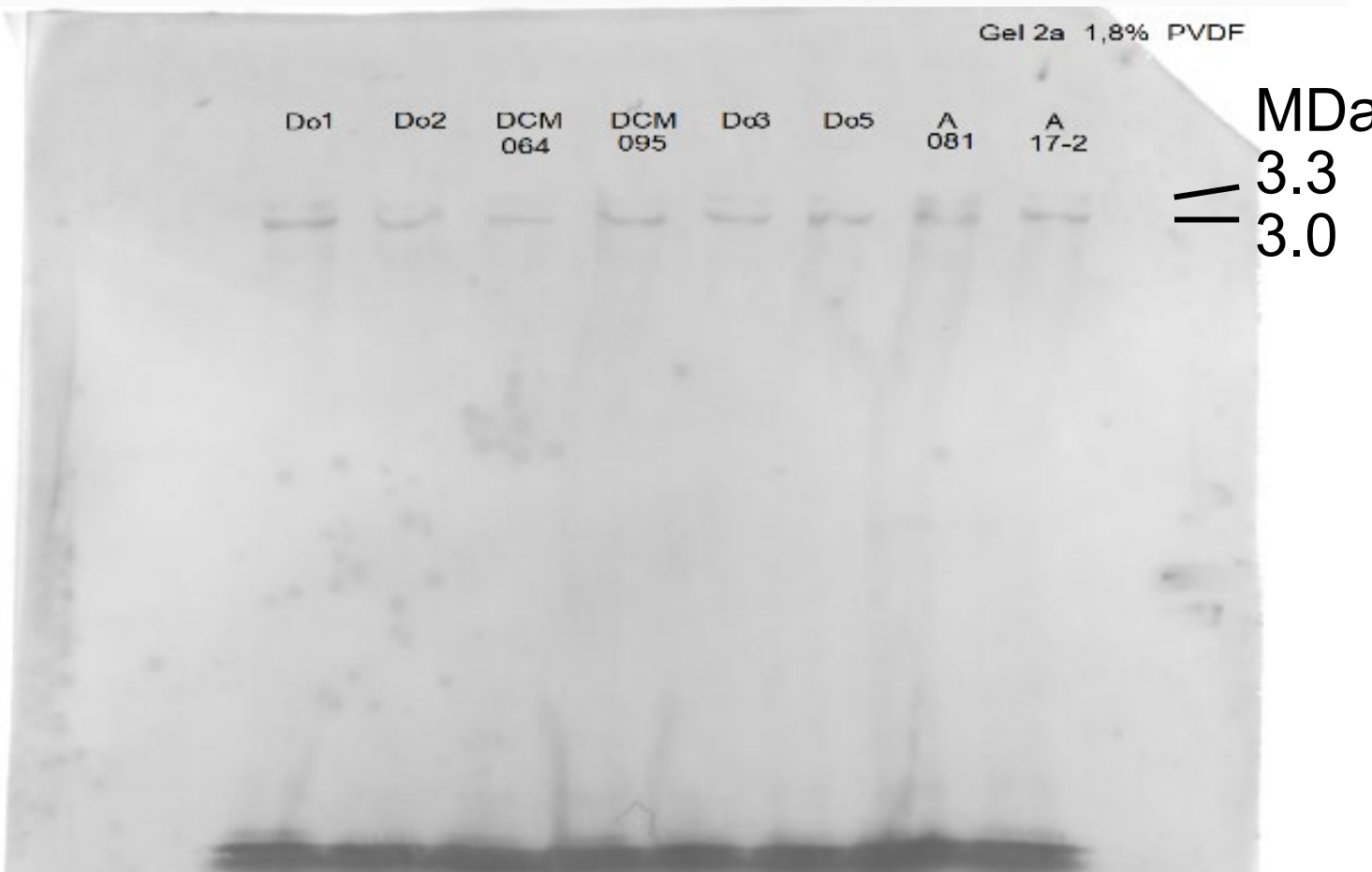
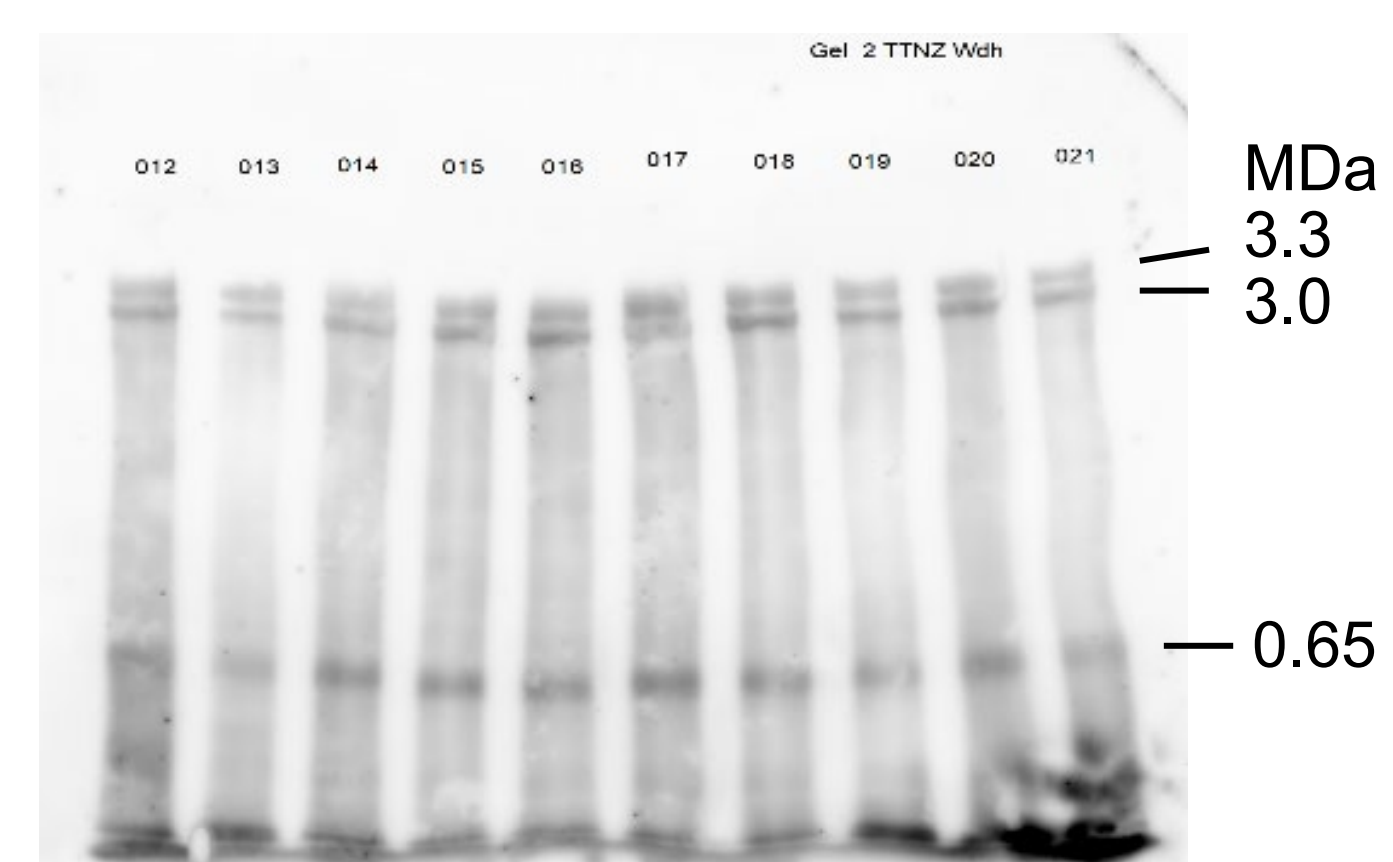
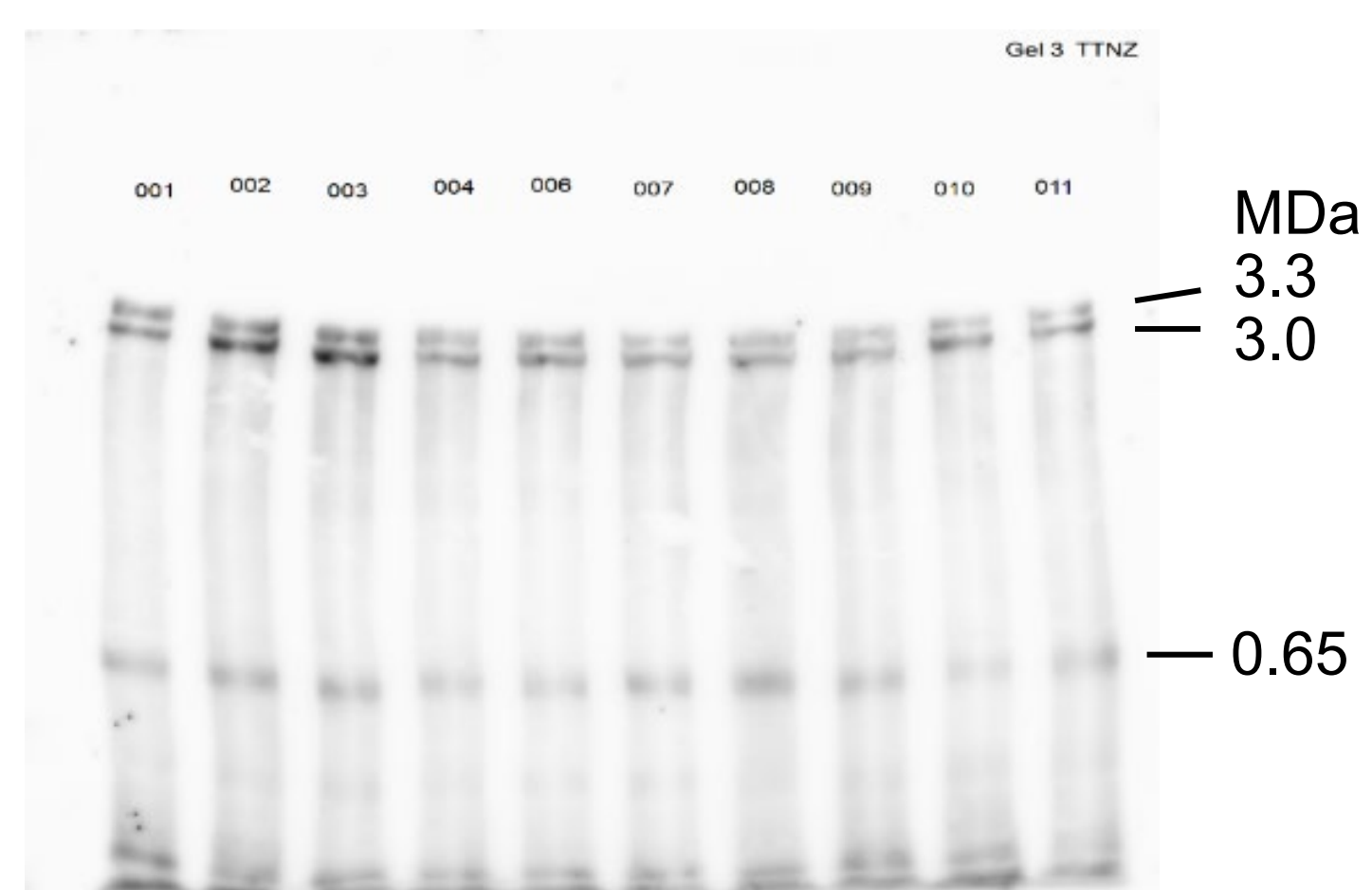
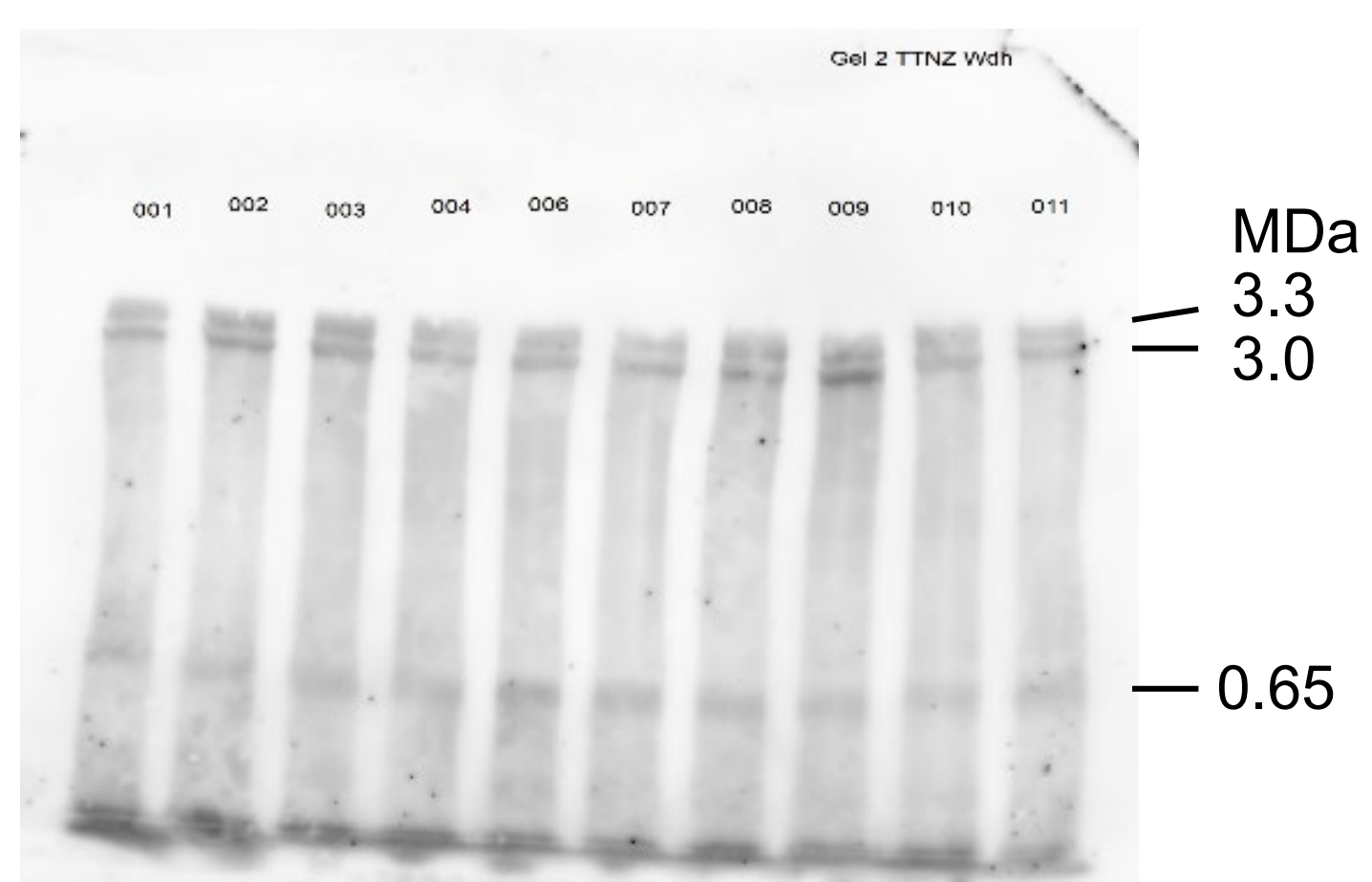
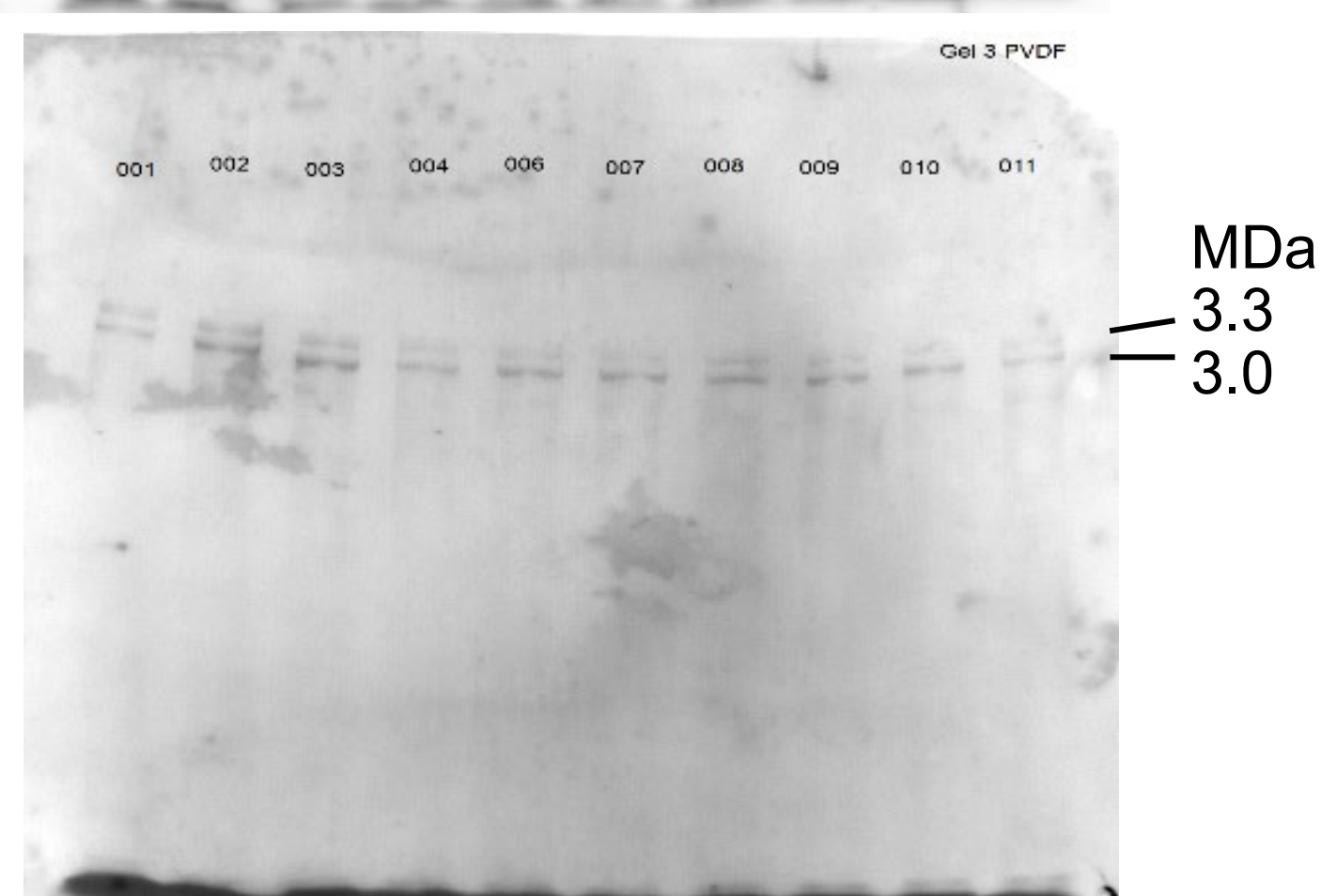
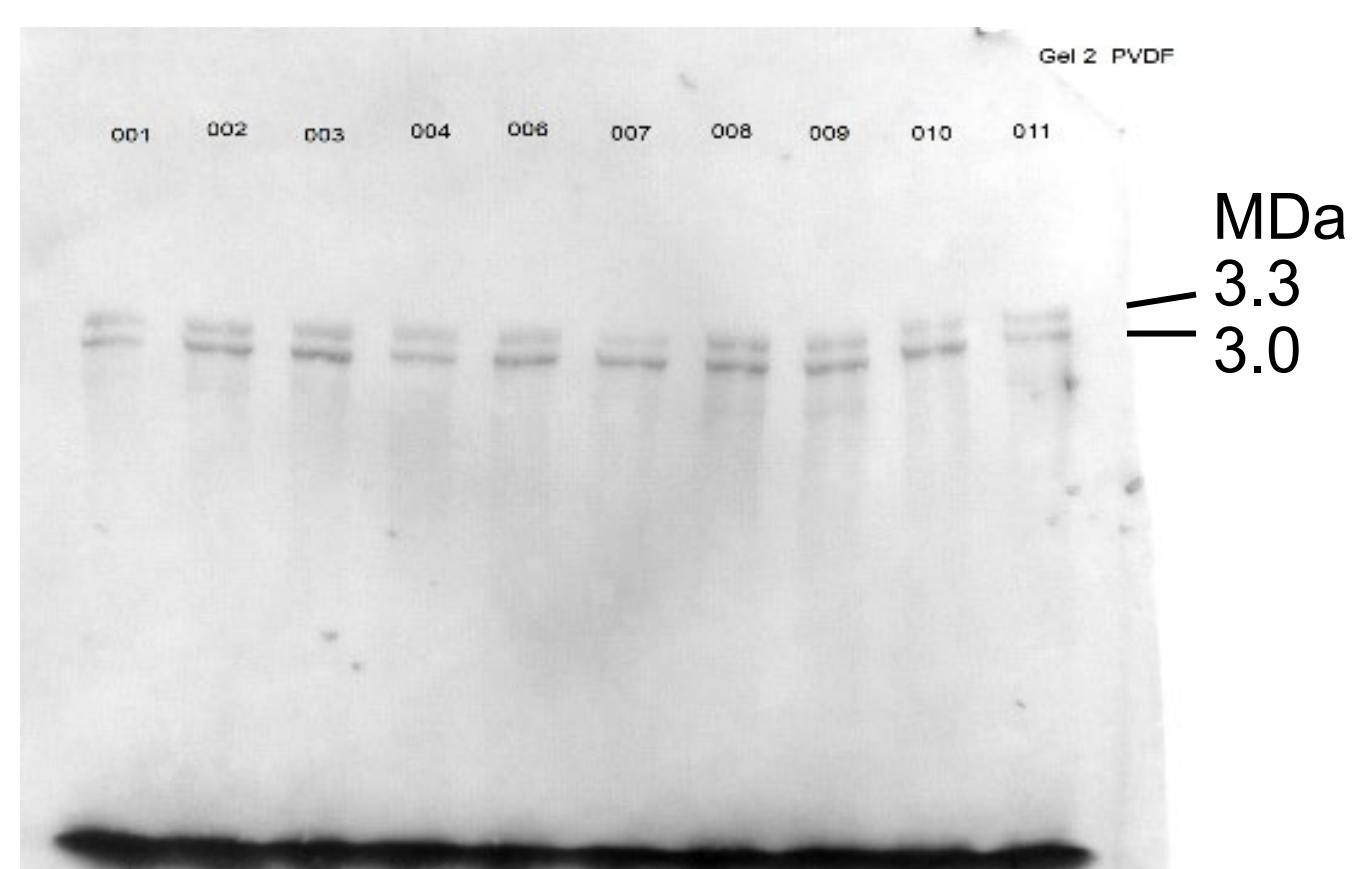


Figure 8B – images only used for quantification (continued)

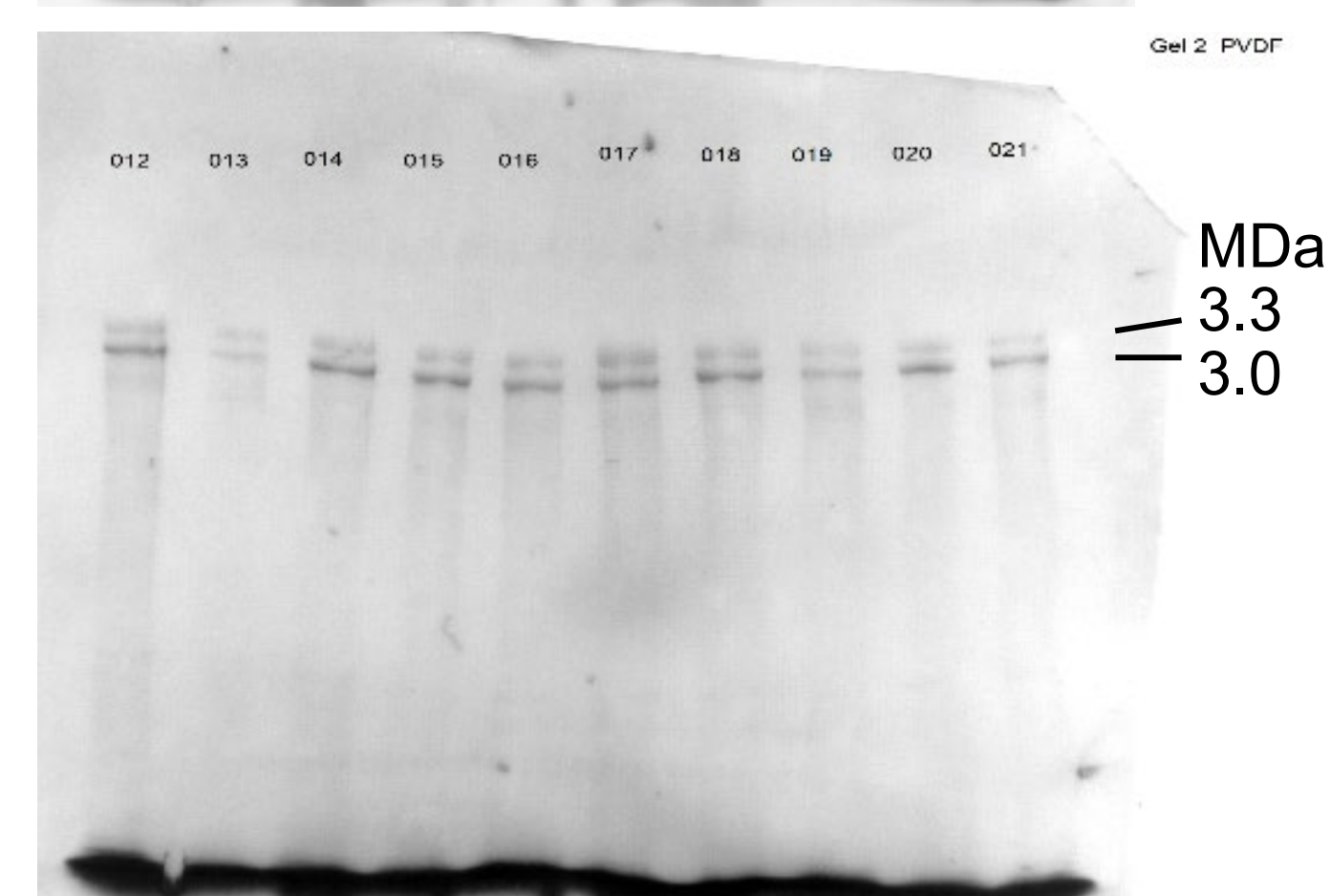
DCM hearts, WBs anti-TTN-Z and corresponding, Coomassie-stained blotting membrane (PVDF); Titin gels



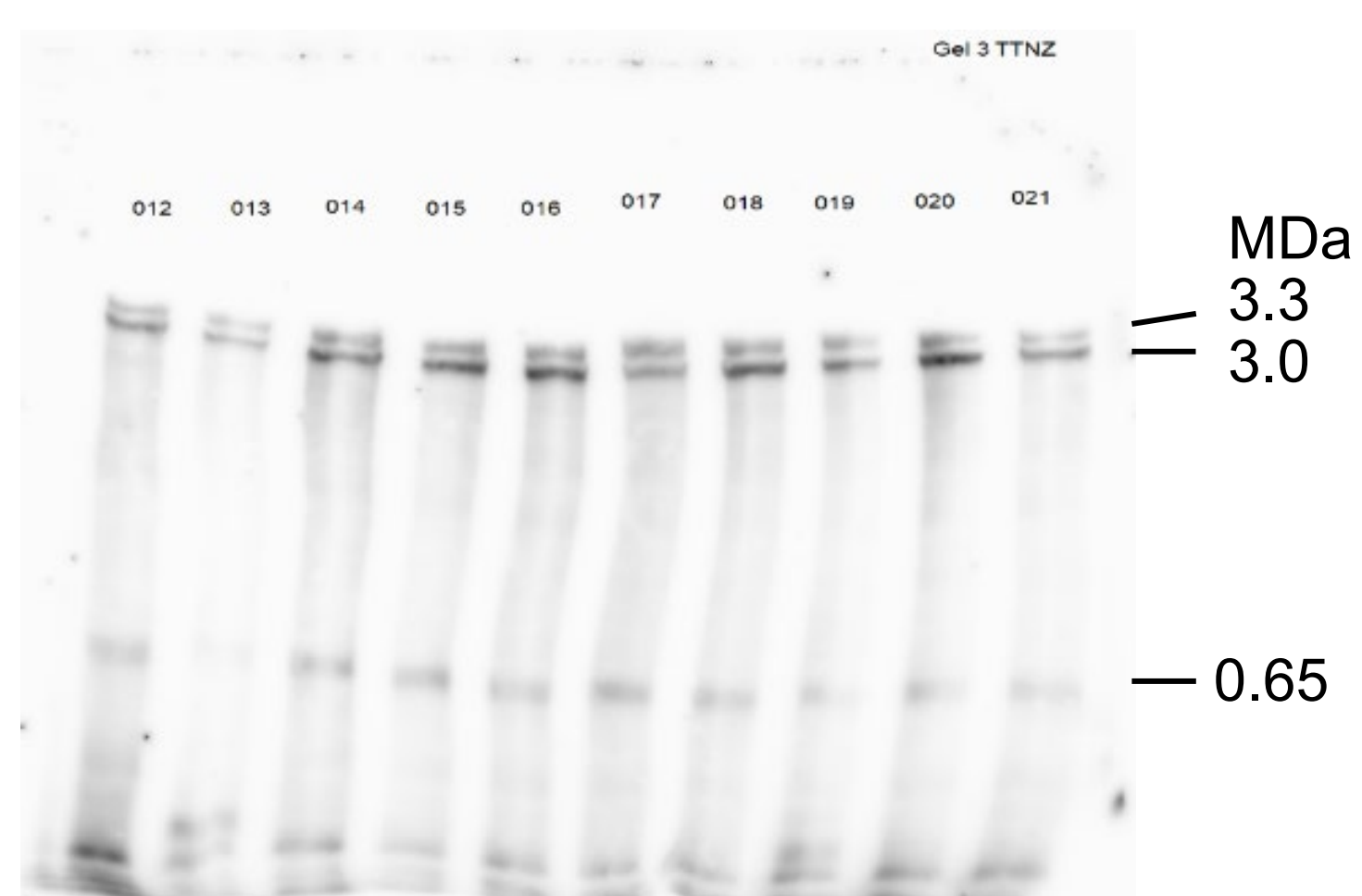
PVDF (load)



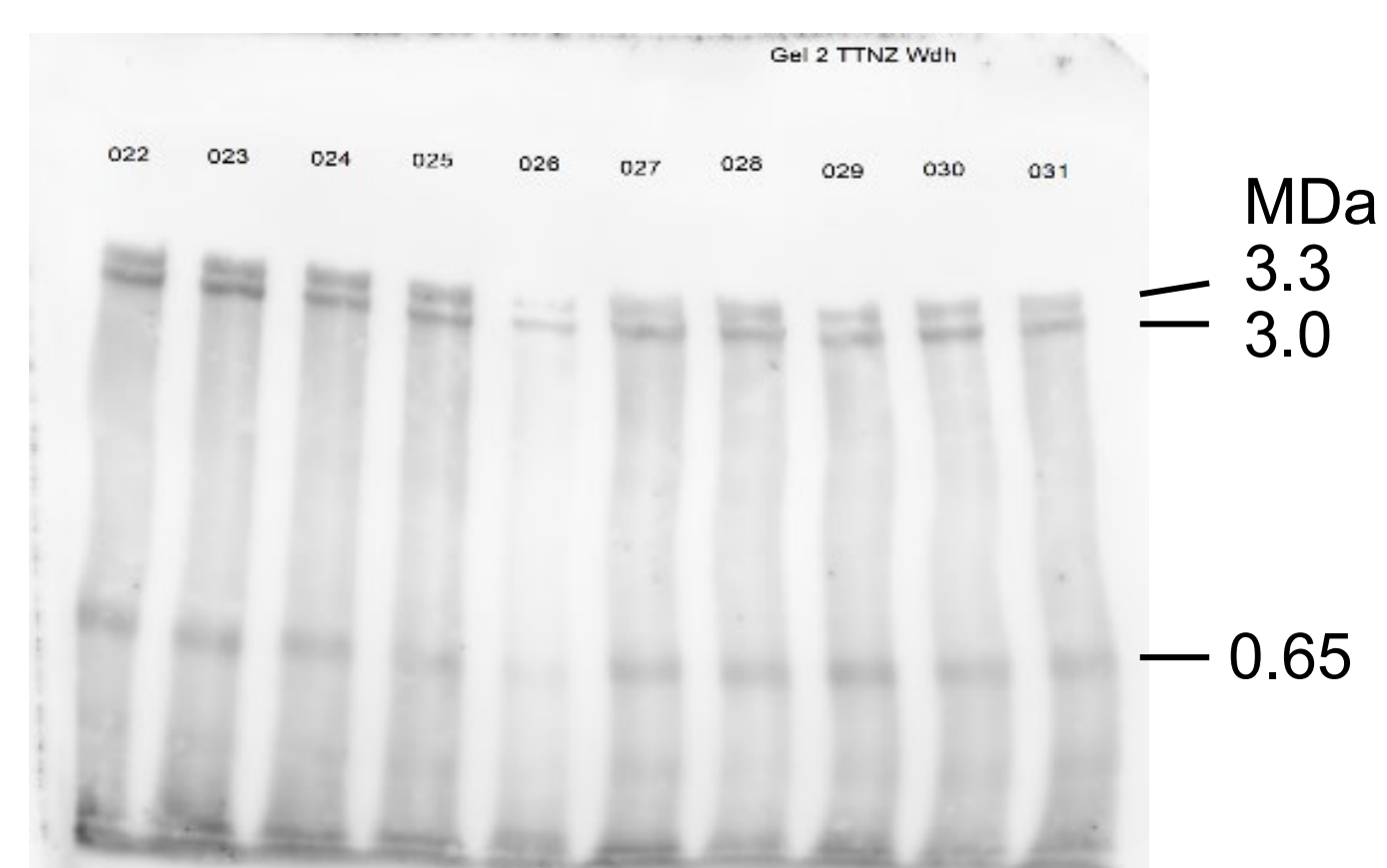
PVDF (load)



WB: TTN-Z



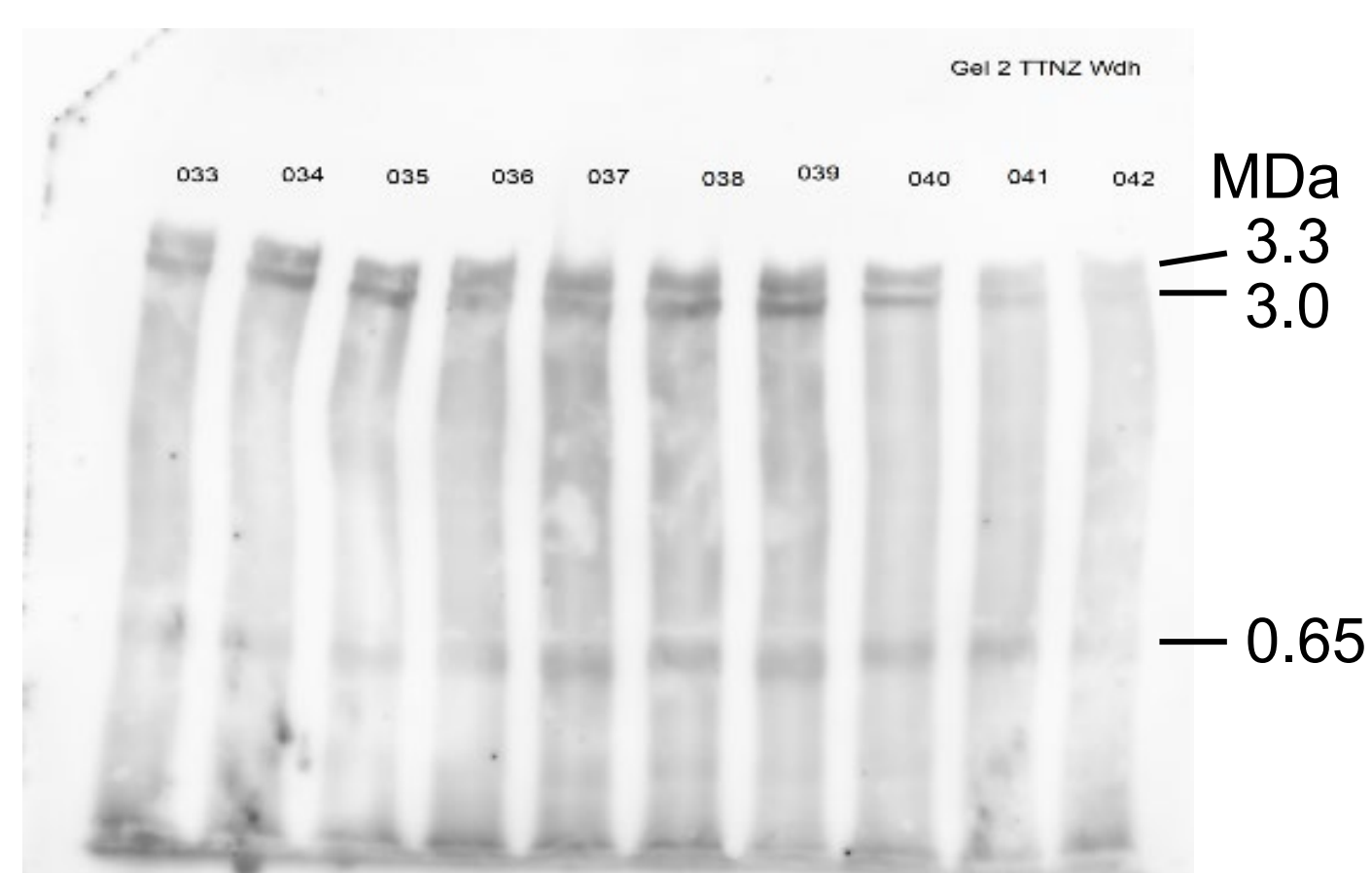
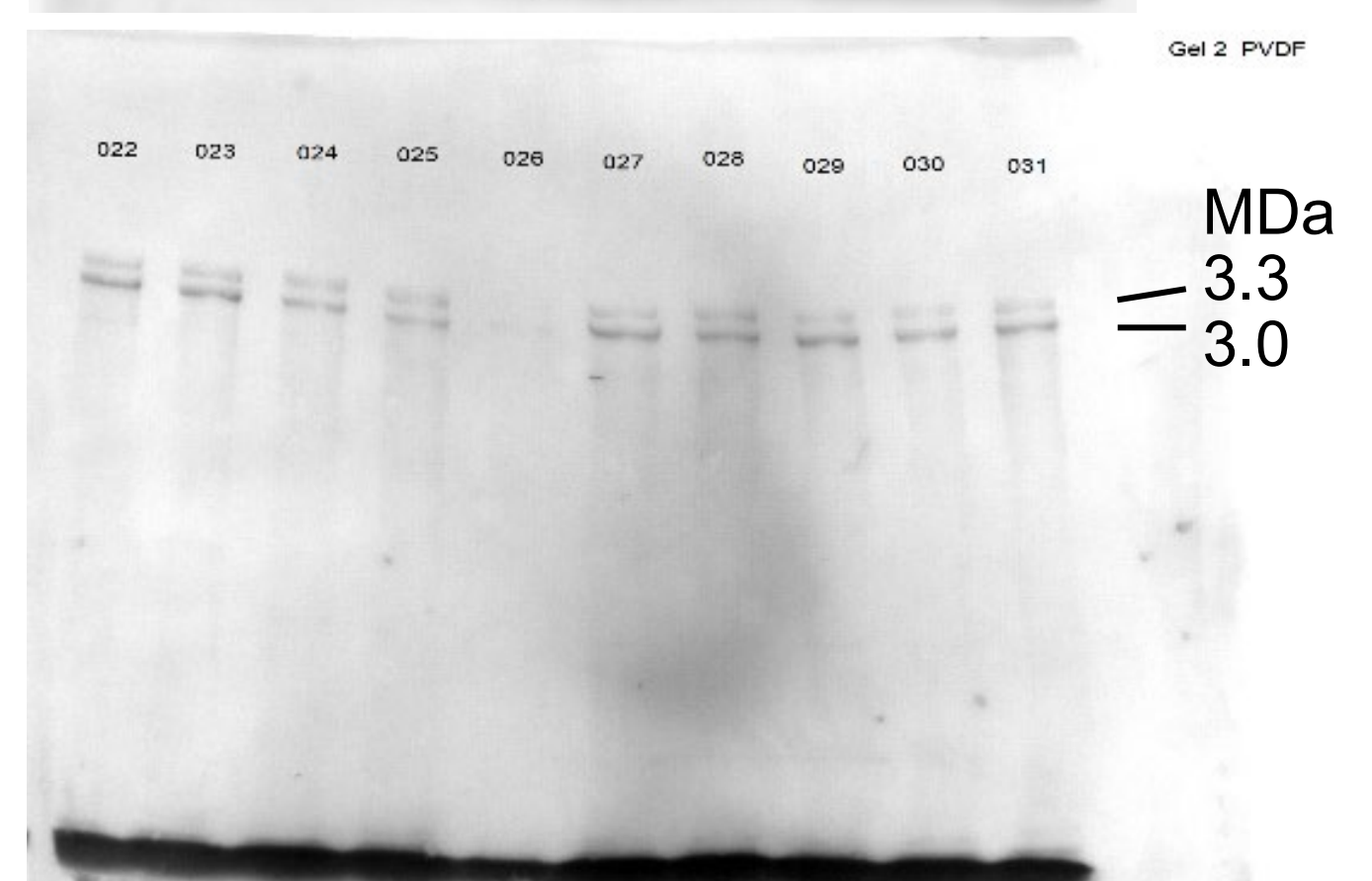
WB: TTN-Z



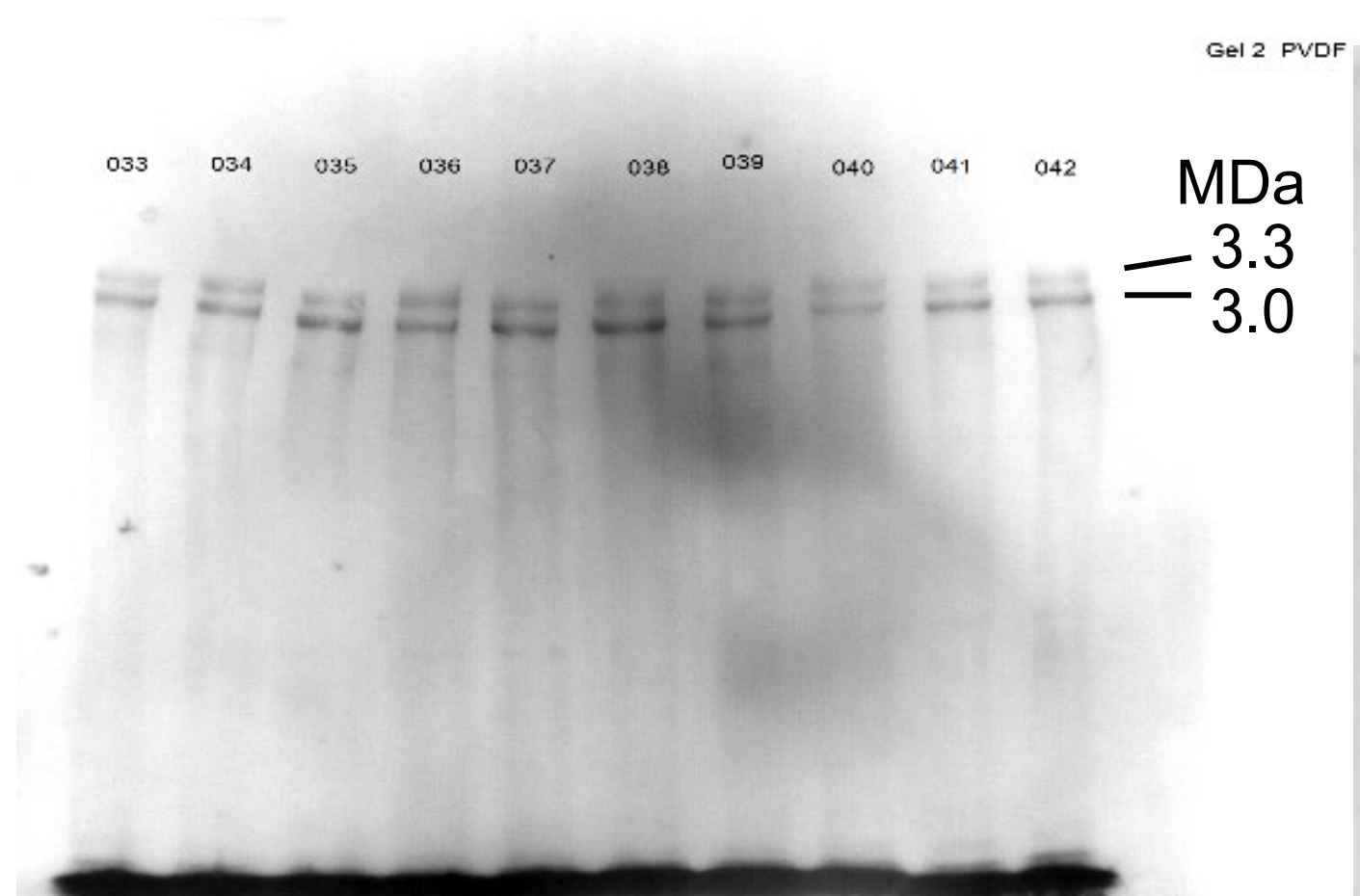
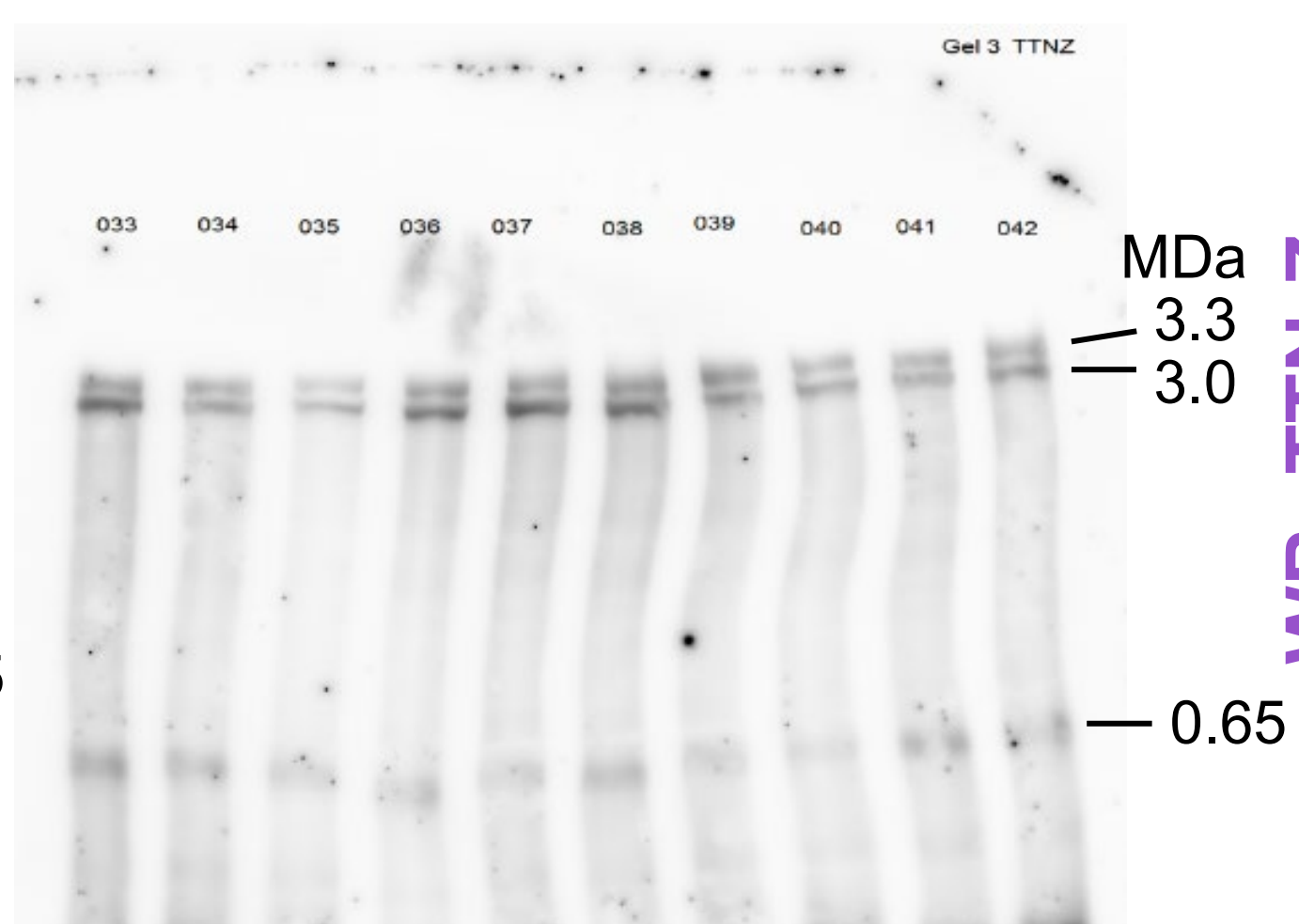
PVDF (load)



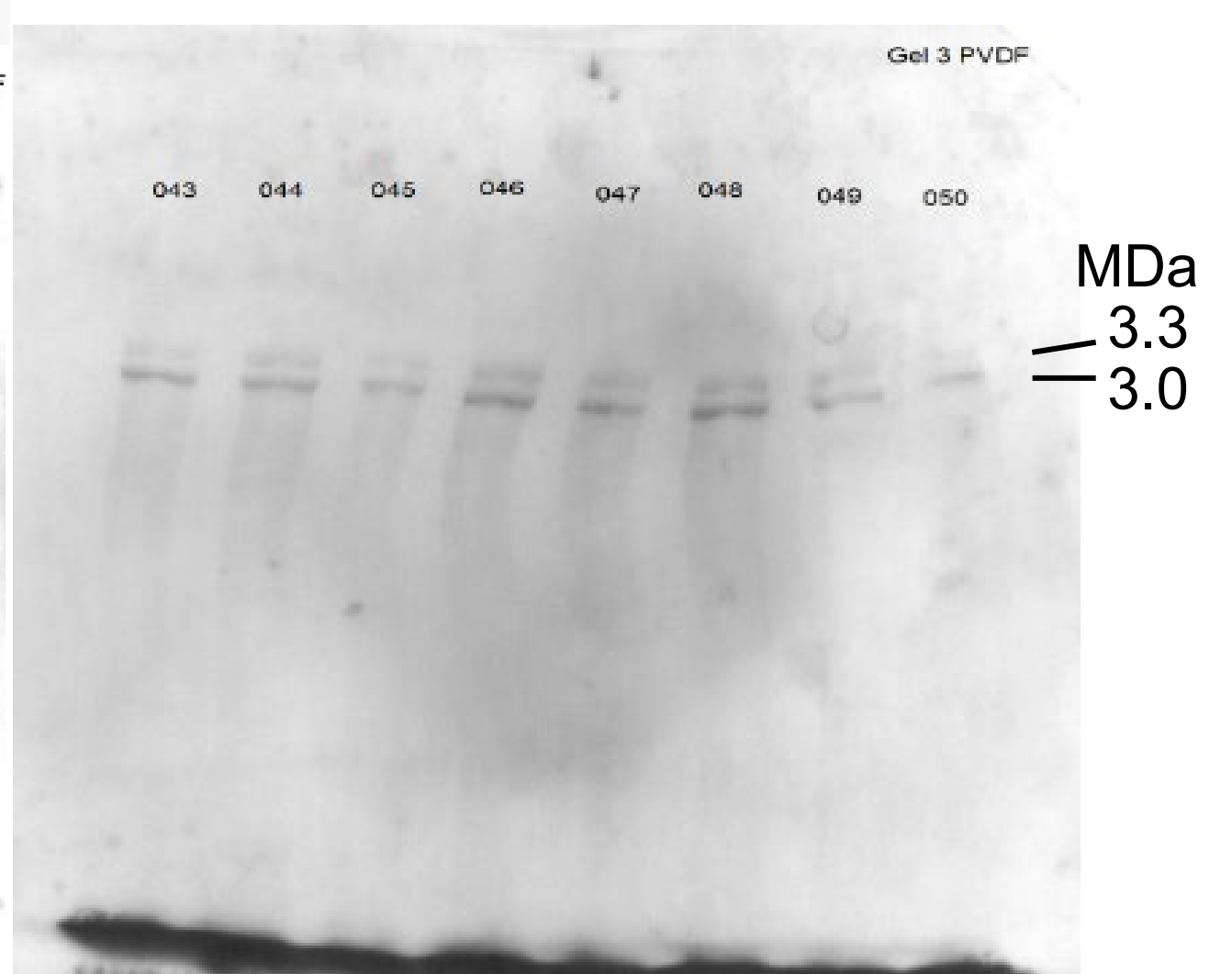
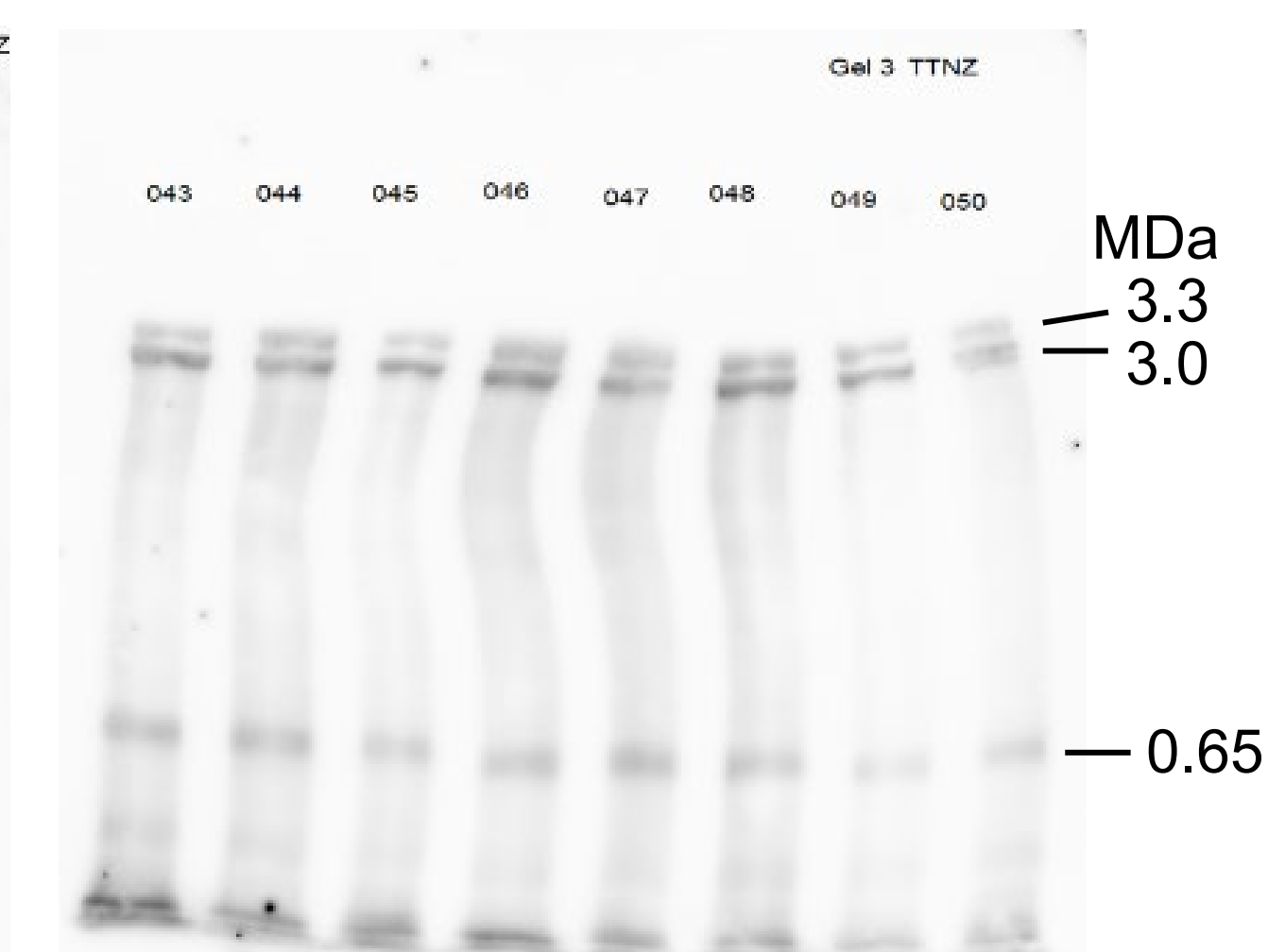
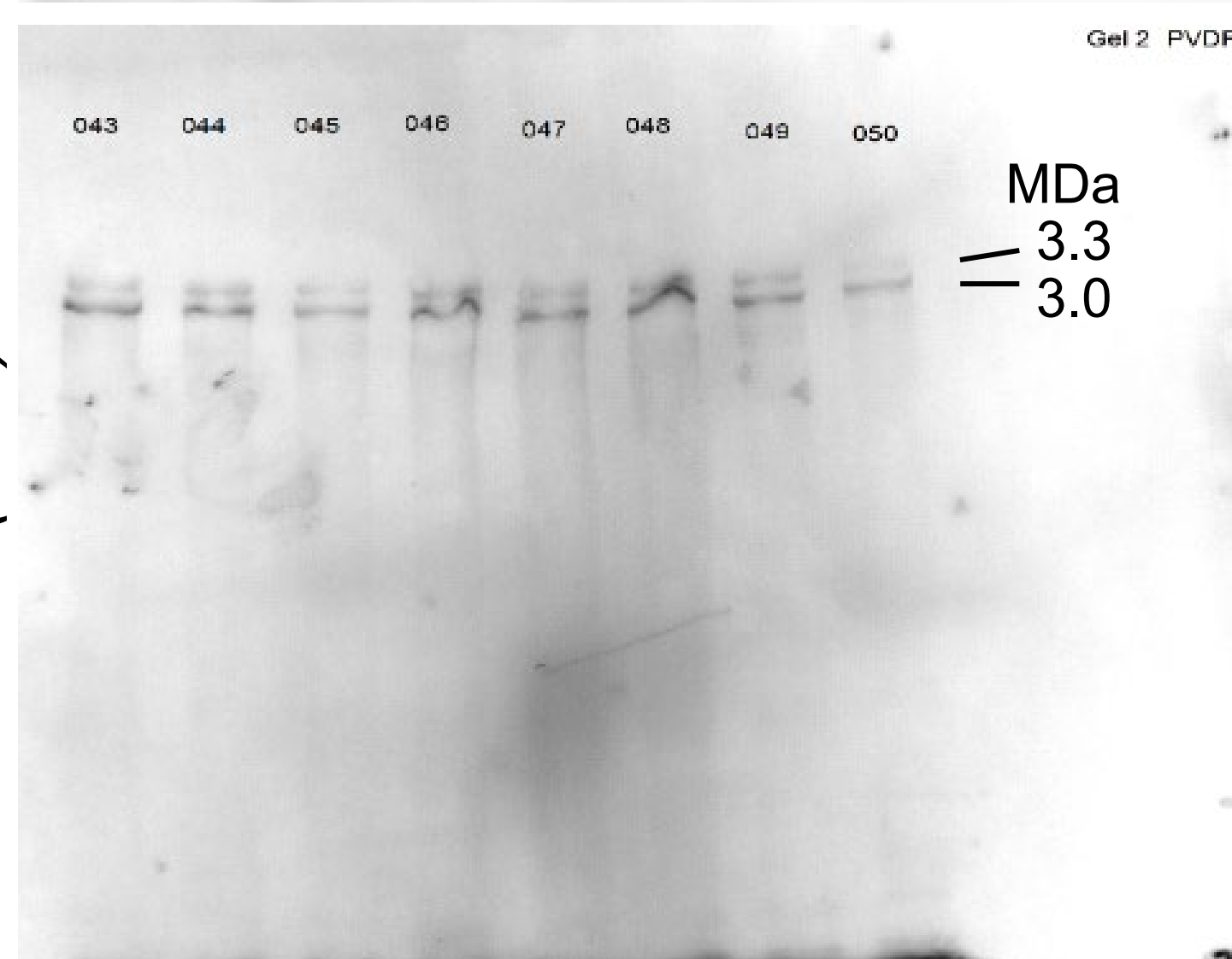
PVDF (load)



WB: TTN-Z



PVDF (load)



DCM hearts, **WBs anti-TTN-Z** and corresponding, Coomassie-stained blotting membrane (PVDF); Two-phase gels

WB: TTN-Z

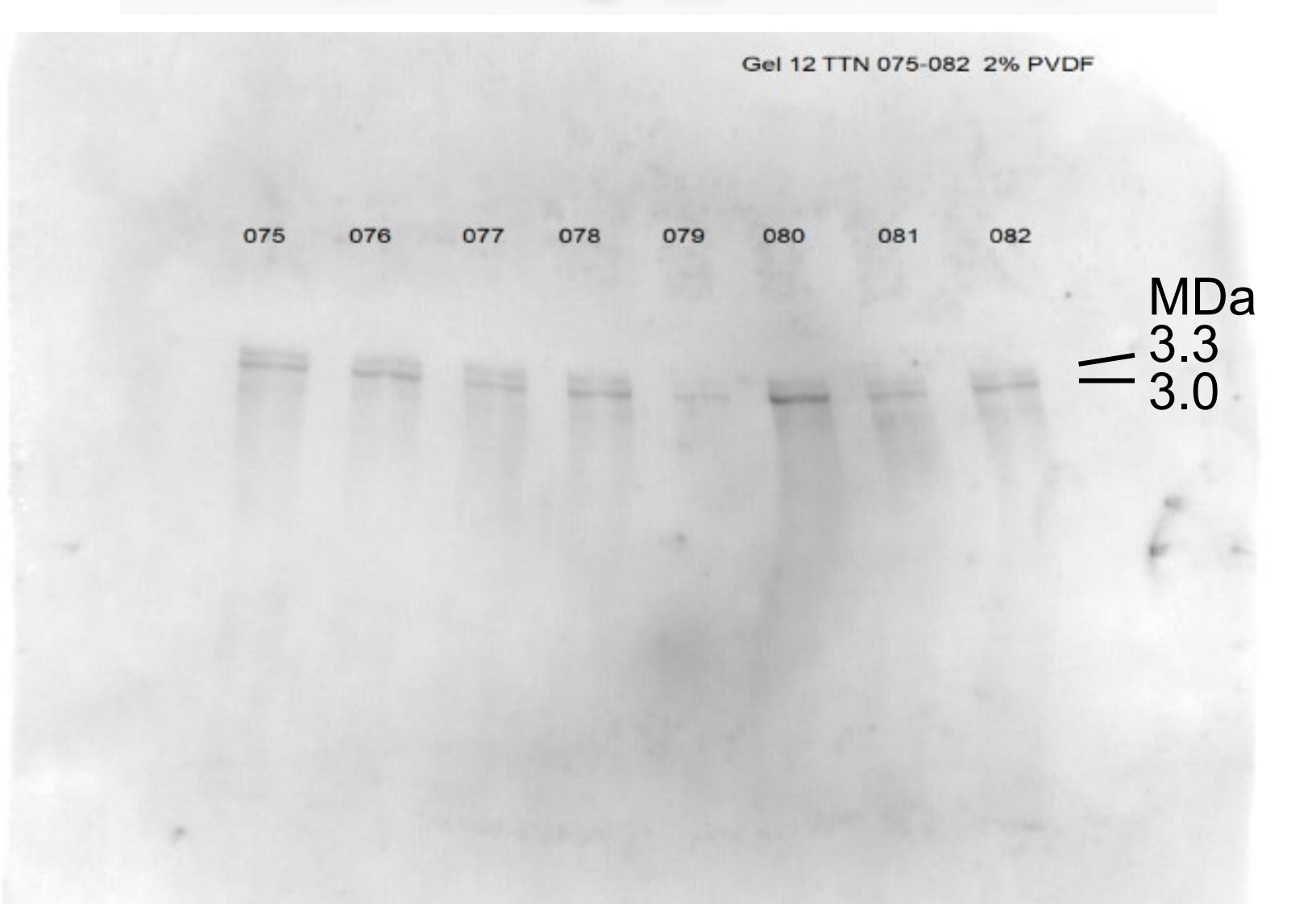
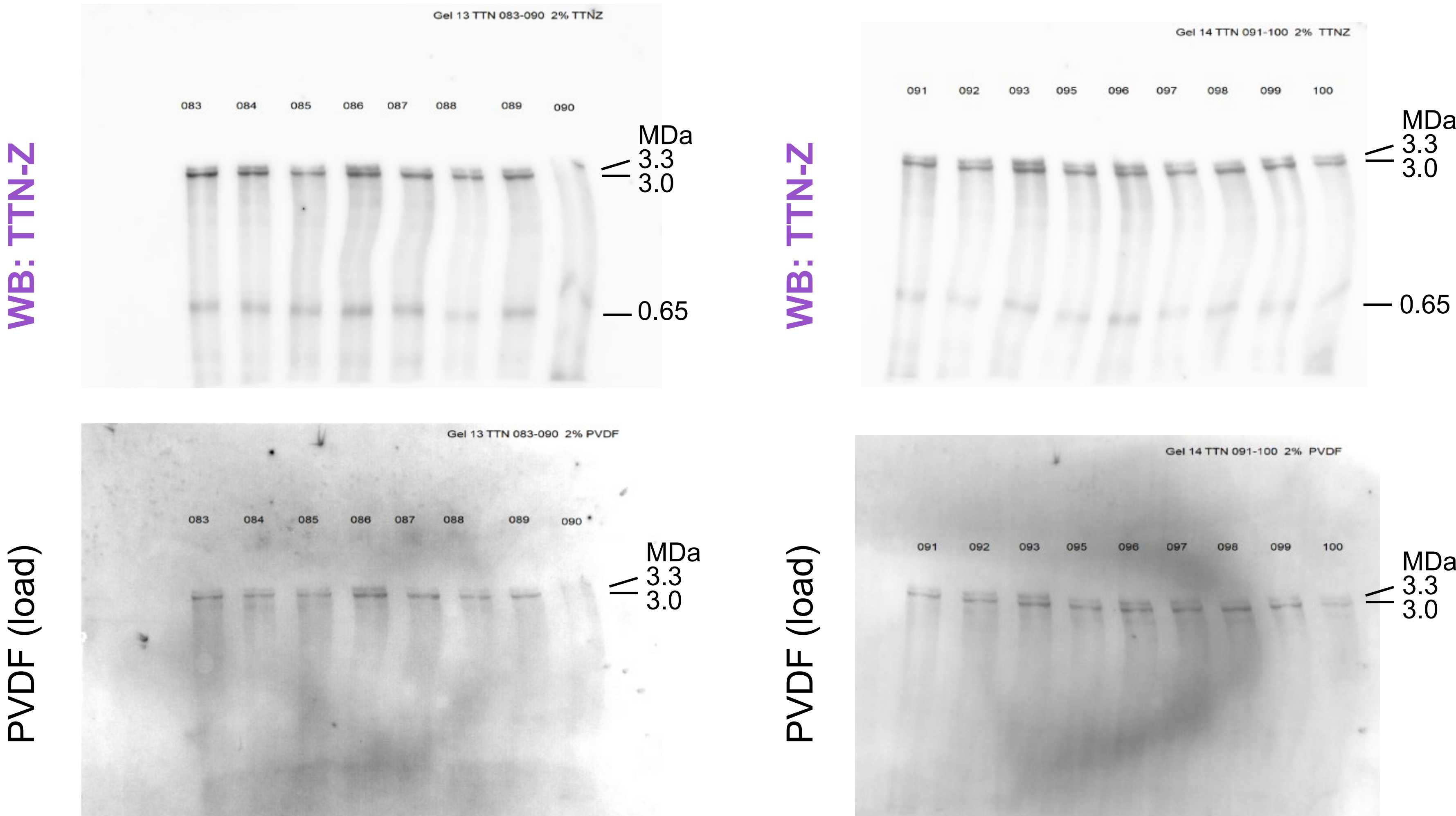


Figure 8B – images only used for quantification (continued)

DCM hearts, **WBs anti-TTN-Z** and corresponding, Coomassie-stained blotting membrane (PVDF); Two-phase gels

PVDFs also used for Nx3 WB



DCM (mainly TTNtv) hearts, **WB anti-TTN-Z** and corresponding, Coomassie-stained blotting membrane (PVDF); Titin gels

PVDFs also used for Nx3 WB

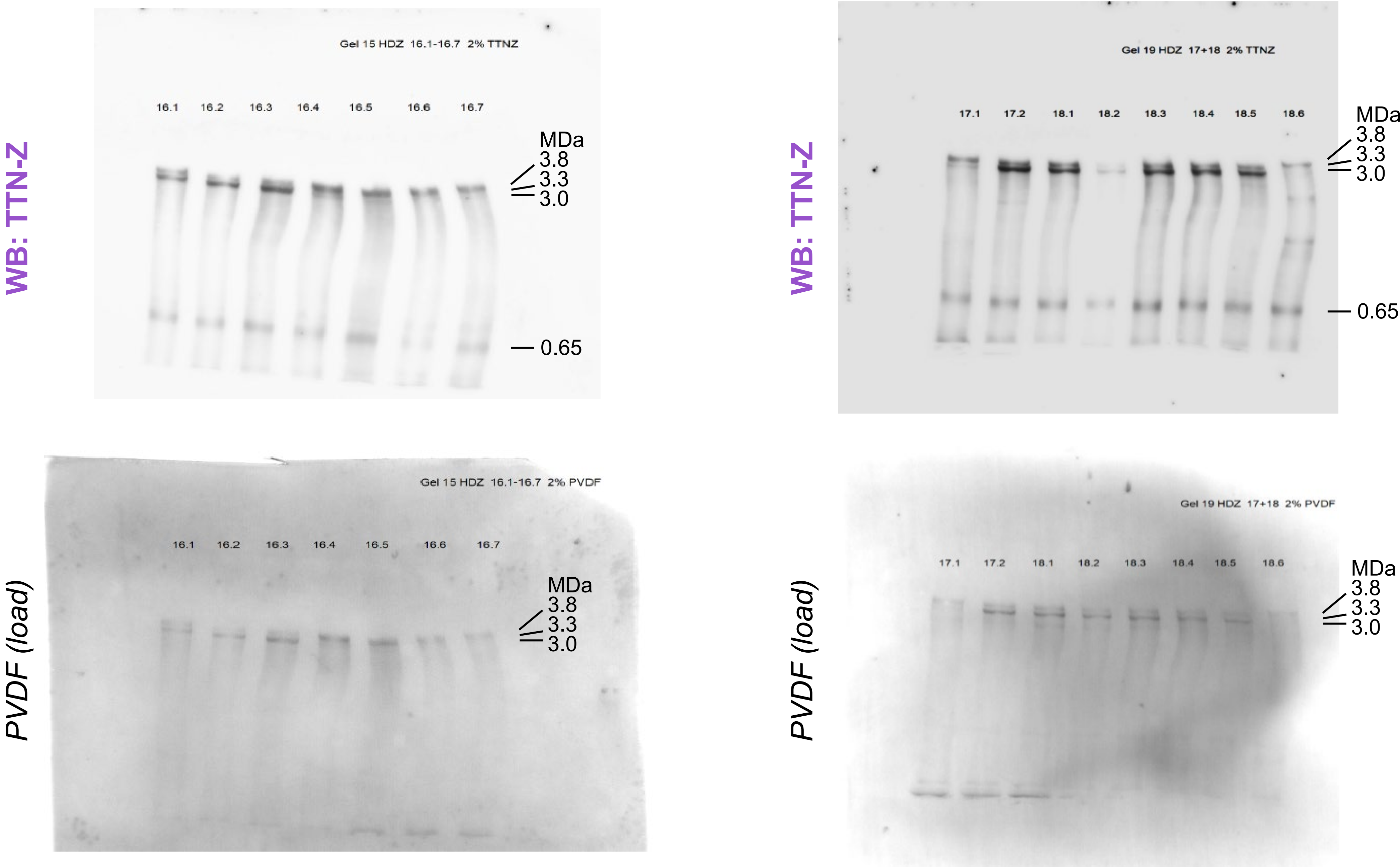
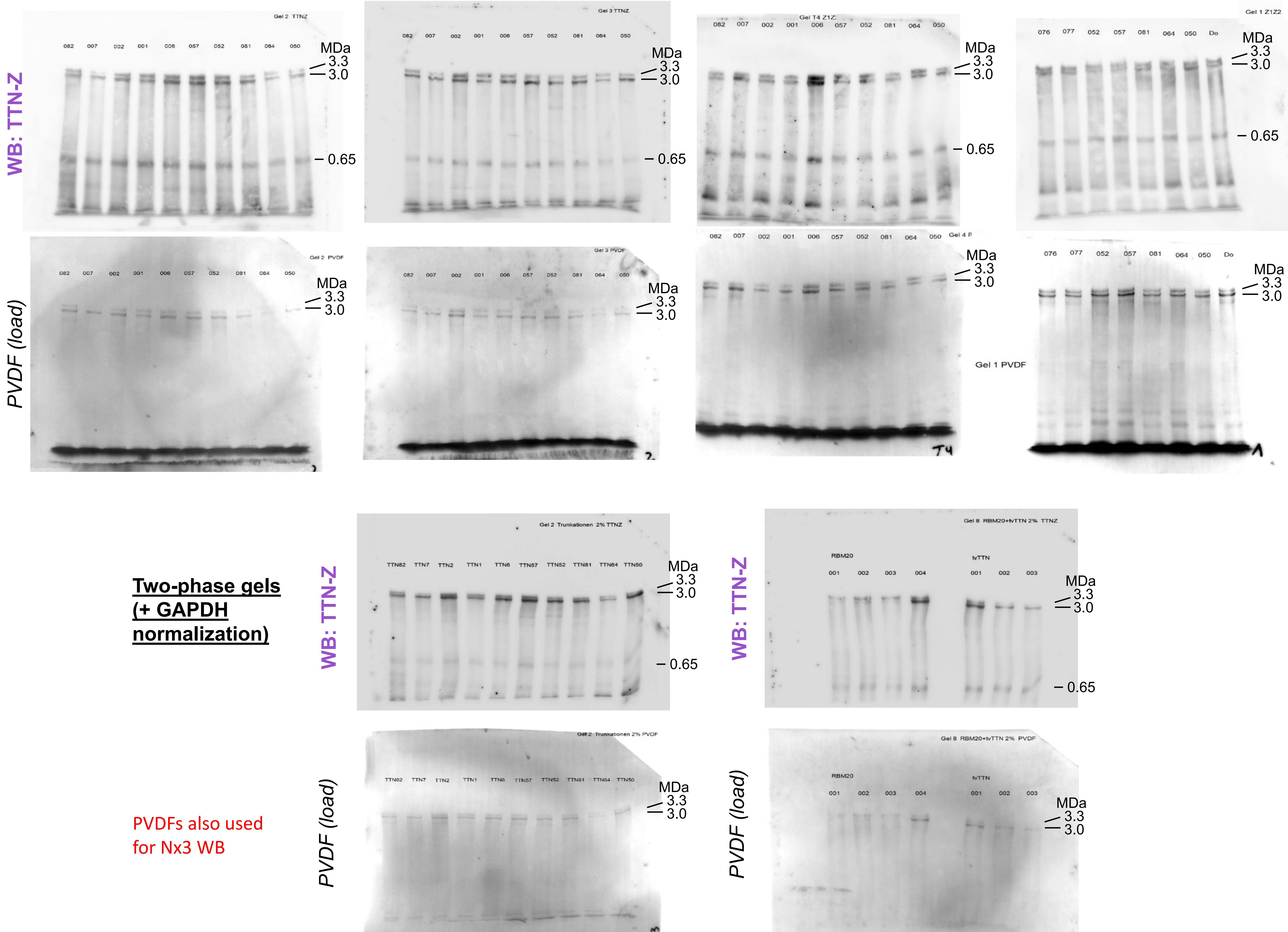


Figure 8B – images only used for quantification (continued)

TTNtv hearts only; **WB anti-TTN-Z** and corresponding, Coomassie-stained blotting membrane (PVDF); Titin gels (1.8%)



TTNtv hearts only, **WB anti-TTN-Z** (2.2% Titin gels) and corresponding, Coomassie-stained blotting membrane (PVDF)

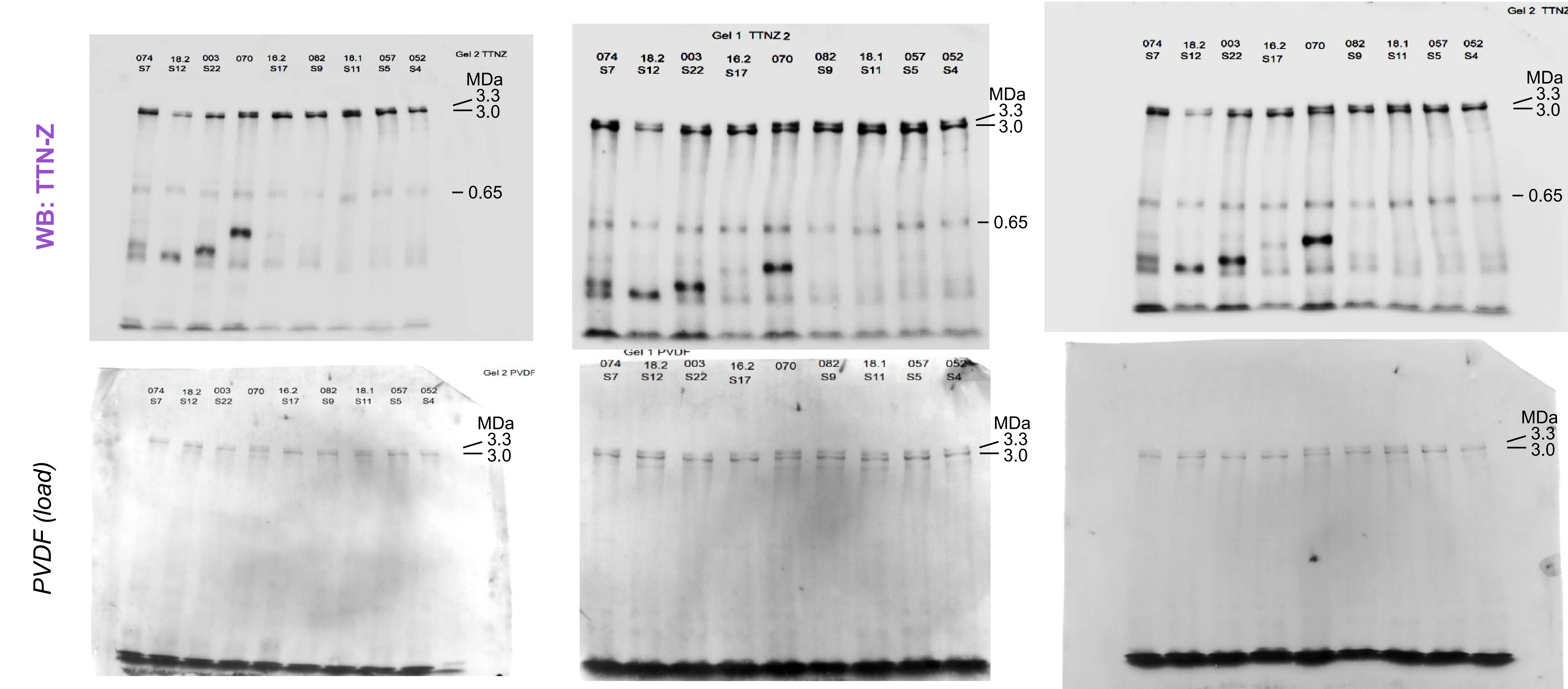
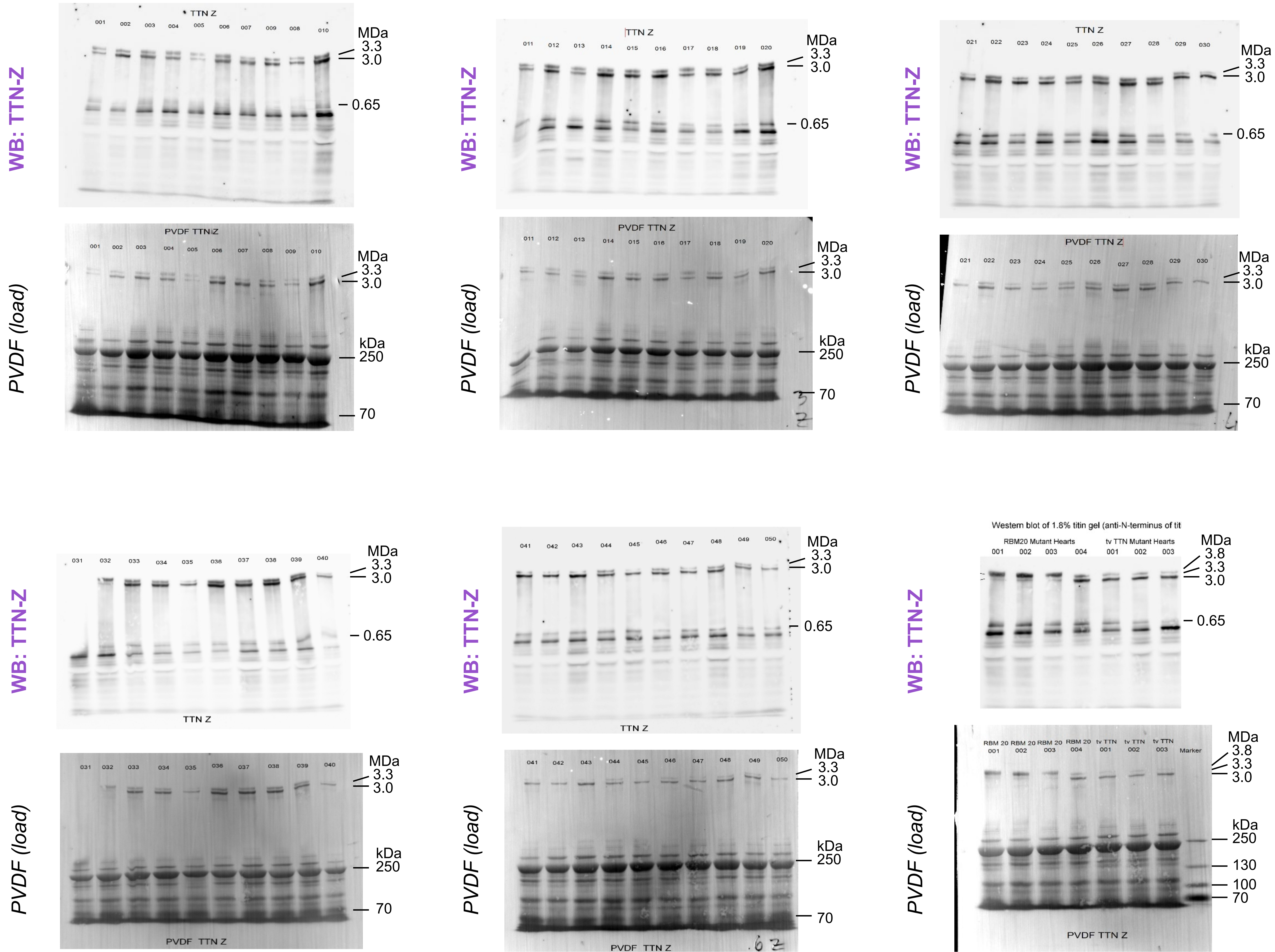


Figure 8B – images only used for quantification (continued)

DCM (IDCM, TTNtv), **WBs anti-TTN-Z** and corresponding, Coomassie-stained blotting membrane (PVDF); Two-phase gels



SUPPLEMENTARY FIGURES

Figure S1B – representative images

