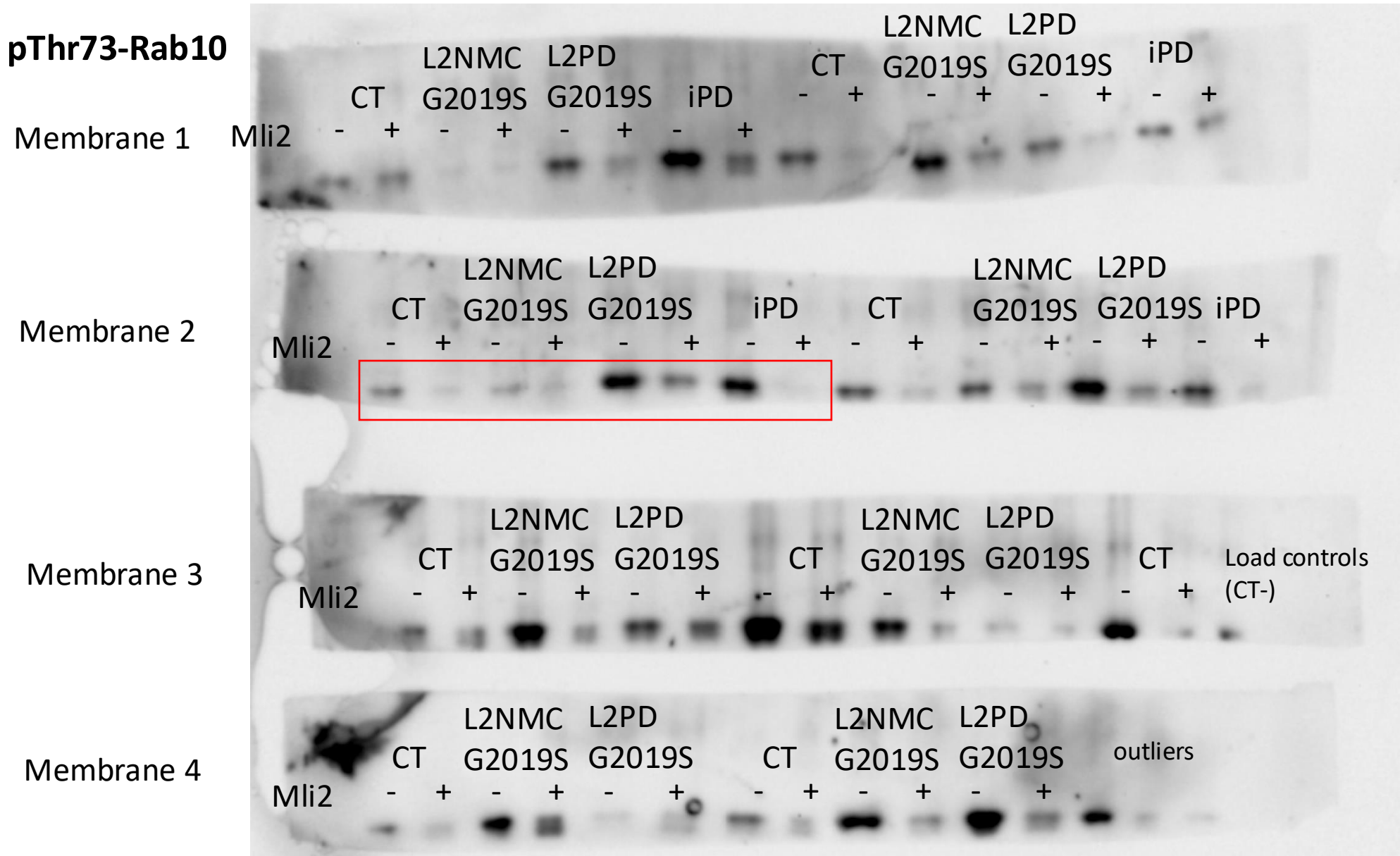


Supplementary Figure 1. Uncropped blots for Figure 6. Red rectangles indicate the part of each blot that was used in the panels of the figure.

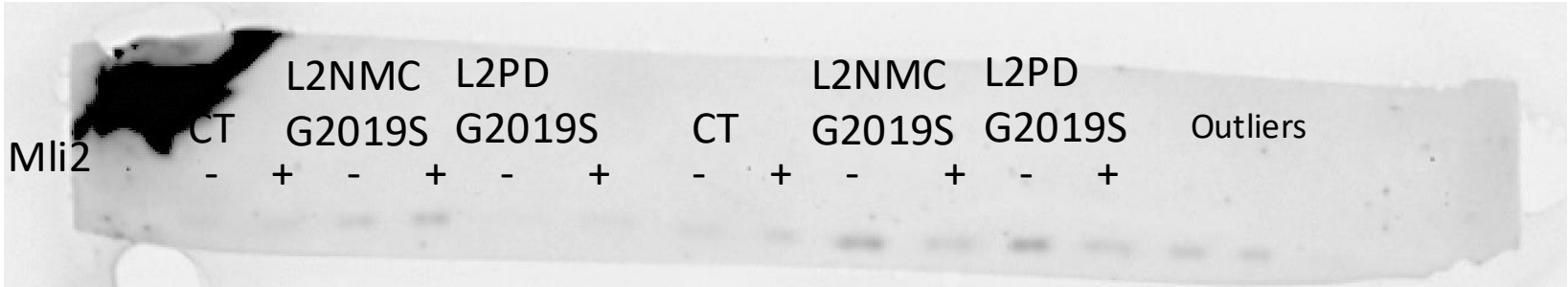
pThr73-Rab10



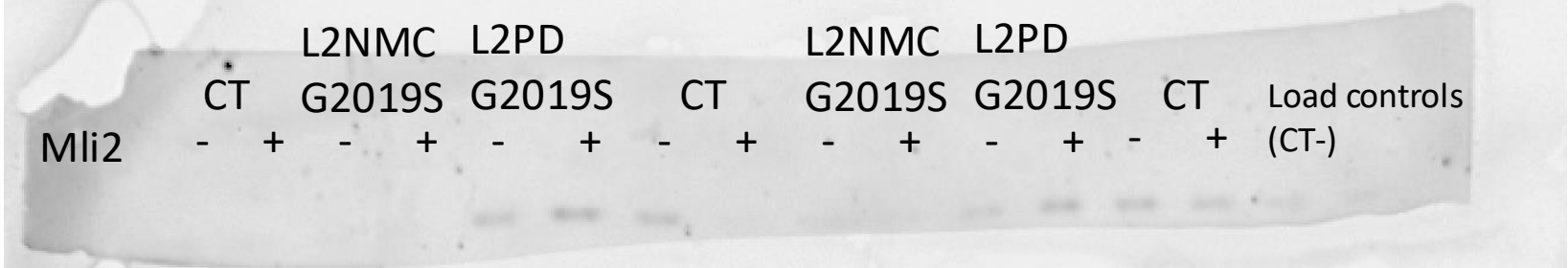
The red square was used for the upper part of Fig 6D, the rest of the samples were used for densitometries expressed in figure 6E

Total Rab 10

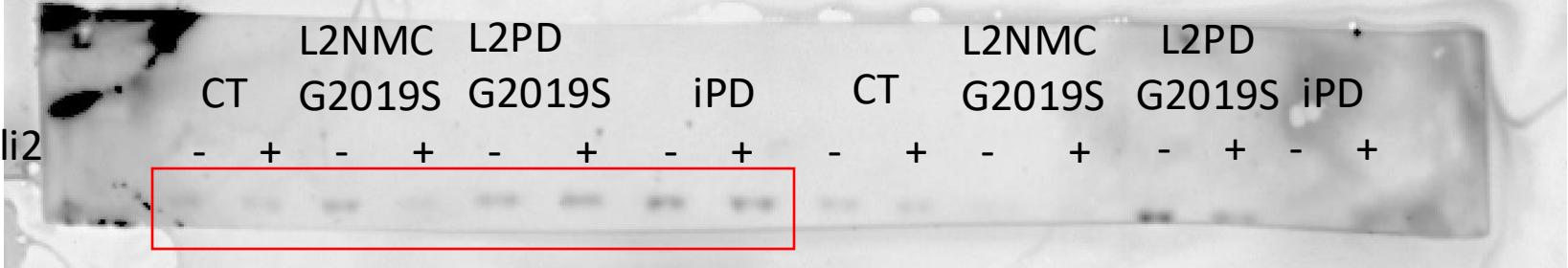
Membrane 4



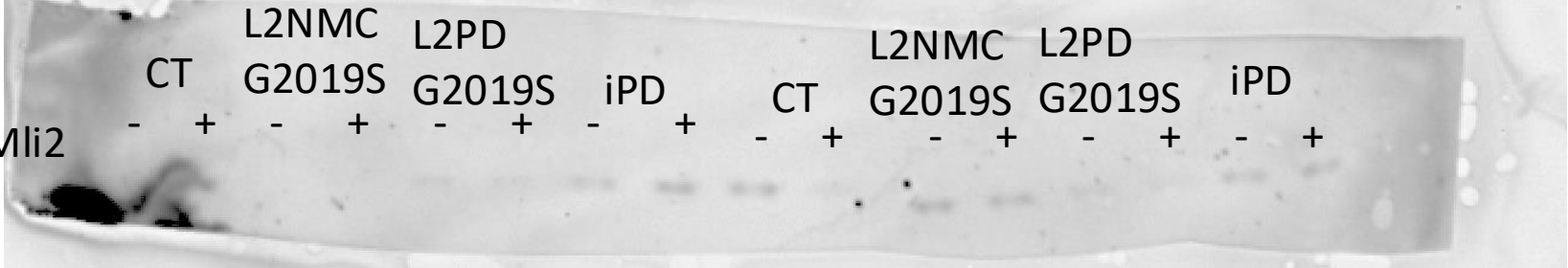
Membrane 3



Membrane 2

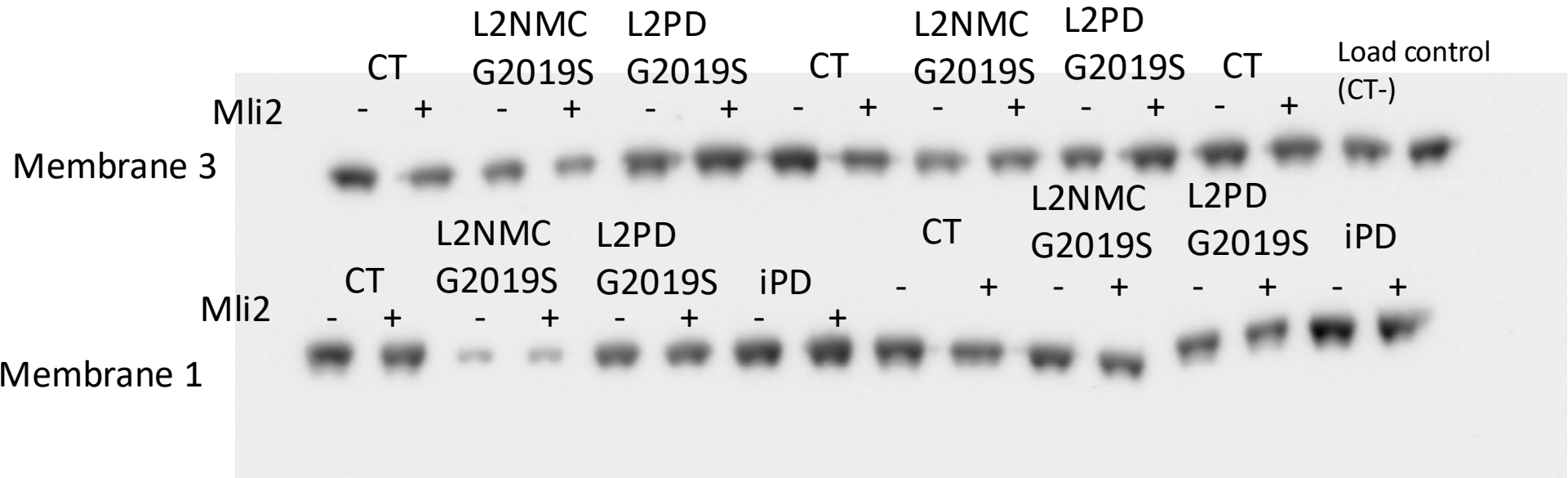


Membrane 1

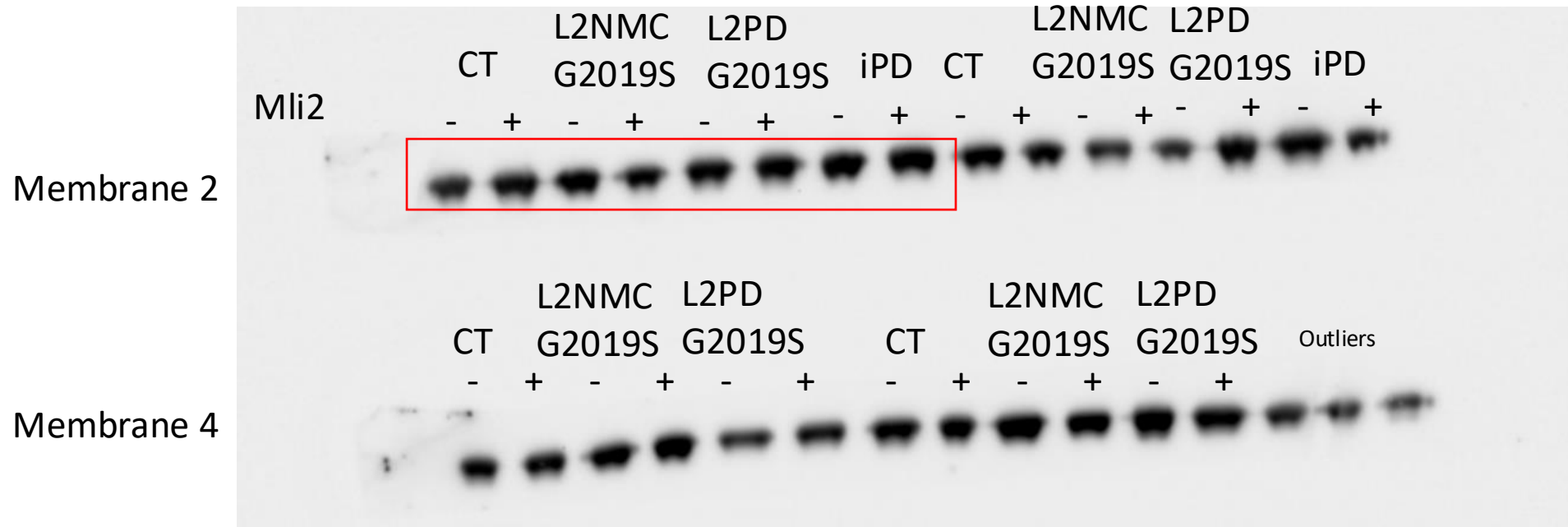


The red square was used for the middle part of Fig 6D, the rest of the samples were used for densitometries expressed in figure 6E

Actin for Rab 10



The red square was used for the lower part of Fig 6D, the rest of the samples were used for densitometries expressed in figure 6E



pSer235/236-RPS6

Membrane 5

		L2NMC		L2PD			L2NMC		L2PD		
	CT	G2019S	G2019S	G2019S	G2019S	CT	G2019S	G2019S	G2019S		
Mli2	-	+	-	+	-	+	-	-	+	-	+

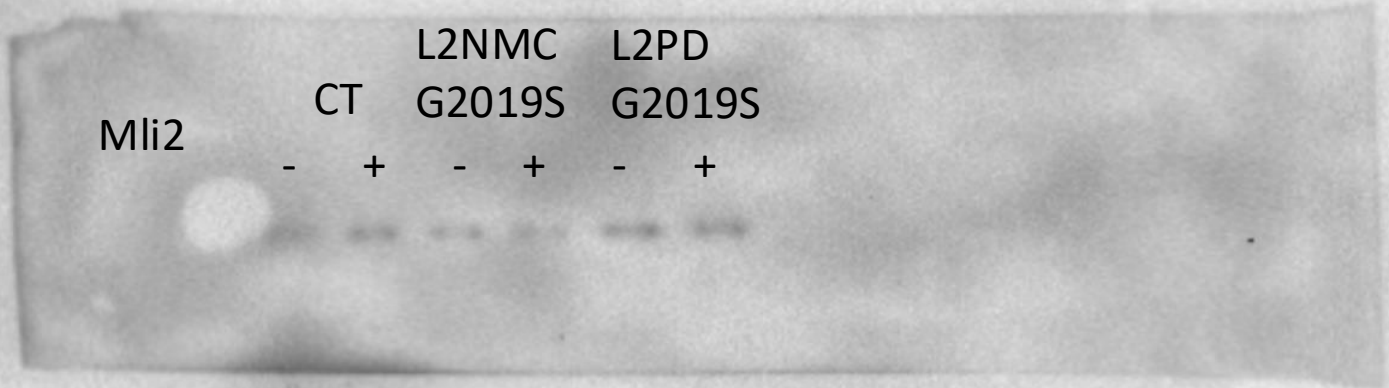
Membrane 6

		L2NMC		L2PD			L2NMC		L2PD		
	CT	G2019S	G2019S	G2019S	G2019S	CT	G2019S	G2019S	G2019S		
Mli2	-	+	-	+	-	+	-	-	+	-	+

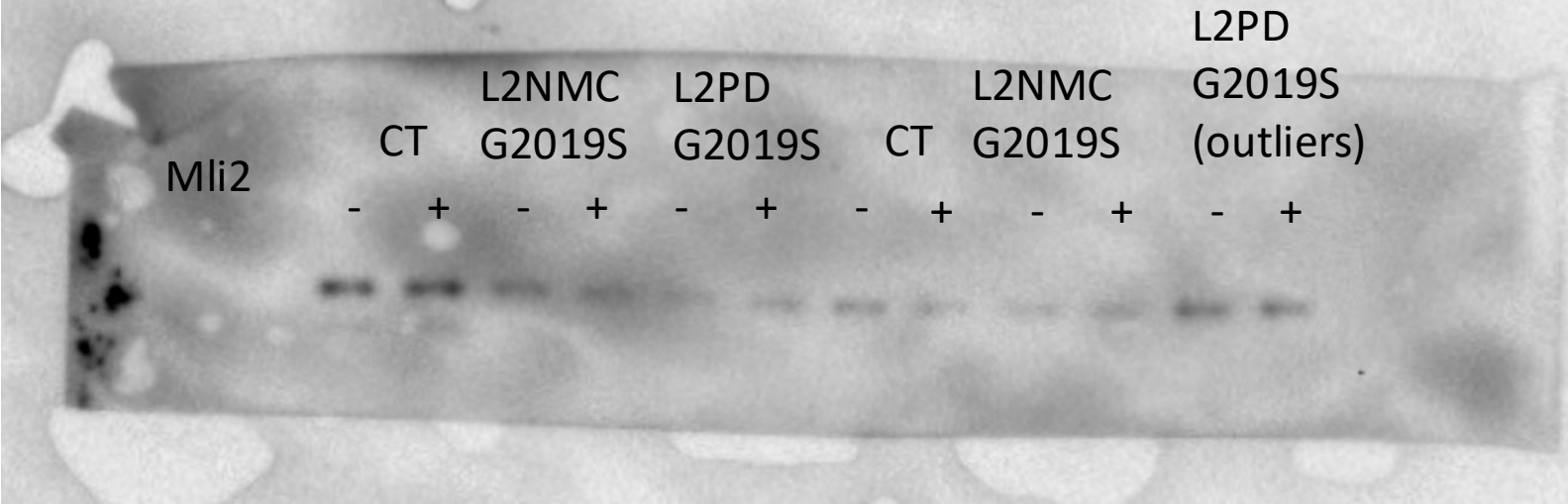
The red square was used for the upper part of Fig 6B, the rest of the samples were used for densitometries expressed in figure 6C

pSer235/236-RPS6

Membrane 7



Membrane 8



The red square was used for the upper part of Fig 6B, the rest of the samples were used for densitometries expressed in figure 6C

pSer235/236-RPS6

Membrane 9

	L2NMC				L2PD				iPD				Load Control (CT-)	
Mli2	CT		G2019S		G2019S		iPD		iPD		iPD			
	-	+	-	+	-	+	-	+	-	+	-	+		

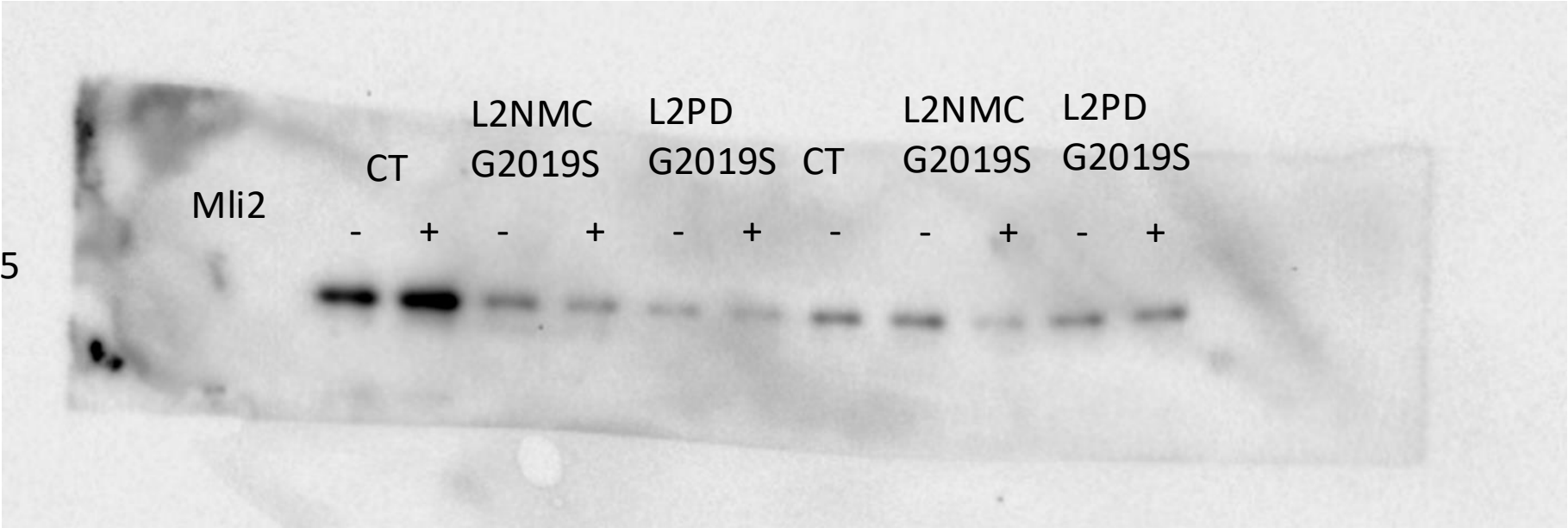
Membrane 10

	L2NMC				L2PD				L2NMC				L2PD	
Mli2	CT		G2019S		G2019S		iPD		G2019S		G2019S		iPD	
	-	+	-	+	-	+	-	+	-	+	-	+	-	+

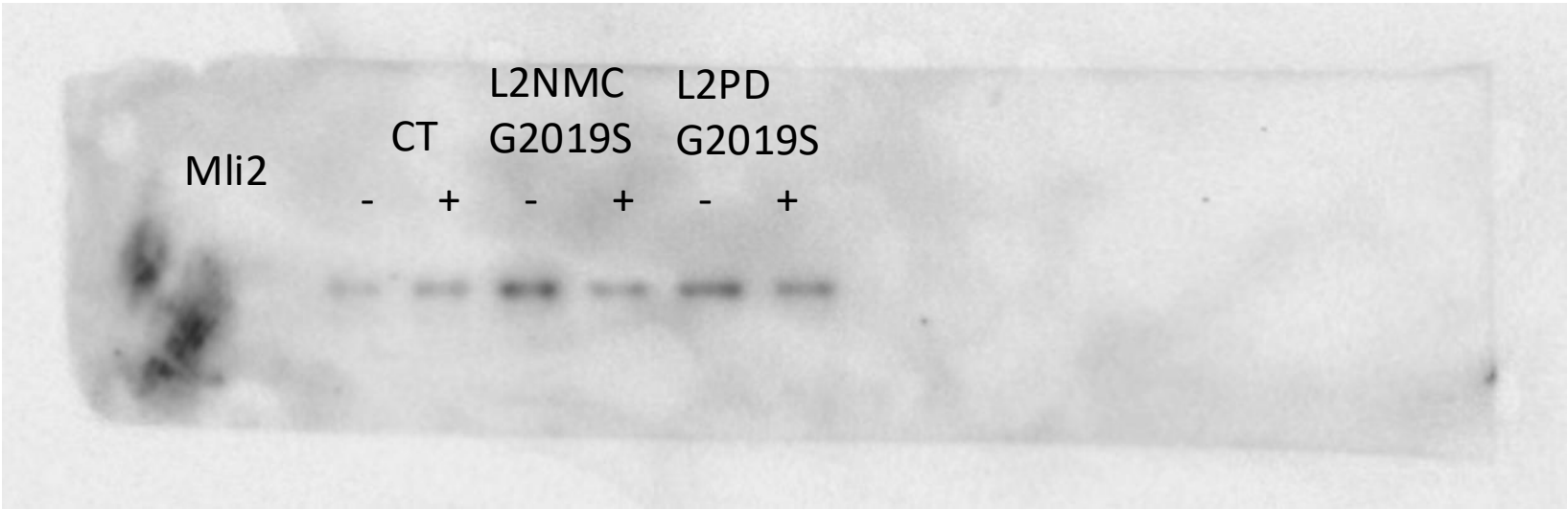
The red square was used for the upper part of Fig 6B, the rest of the samples were used for densitometries expressed in figure 6C

Total RPS6

Membrane 5



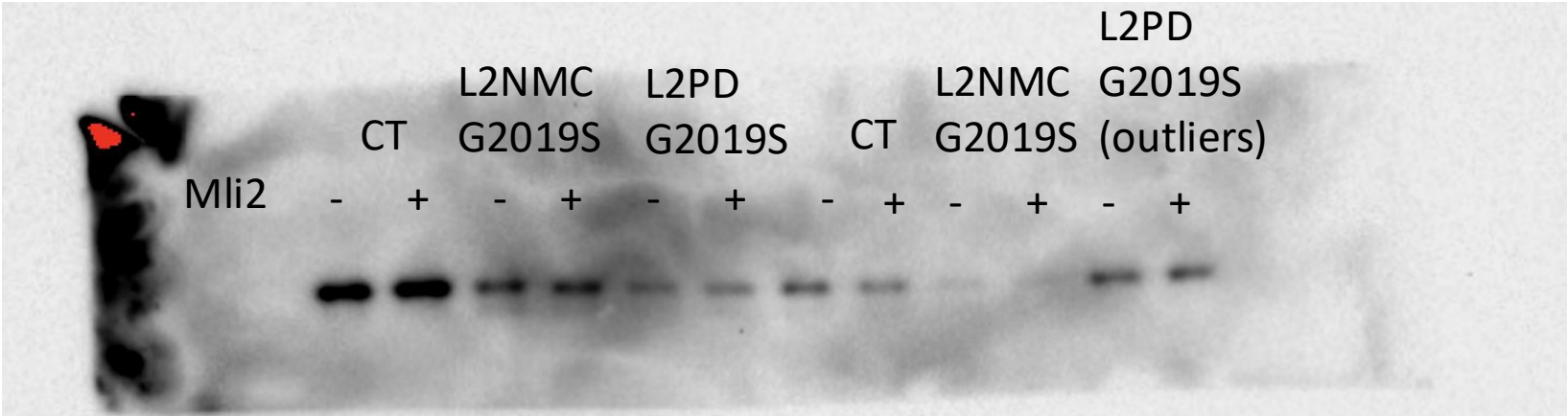
Membrane 7



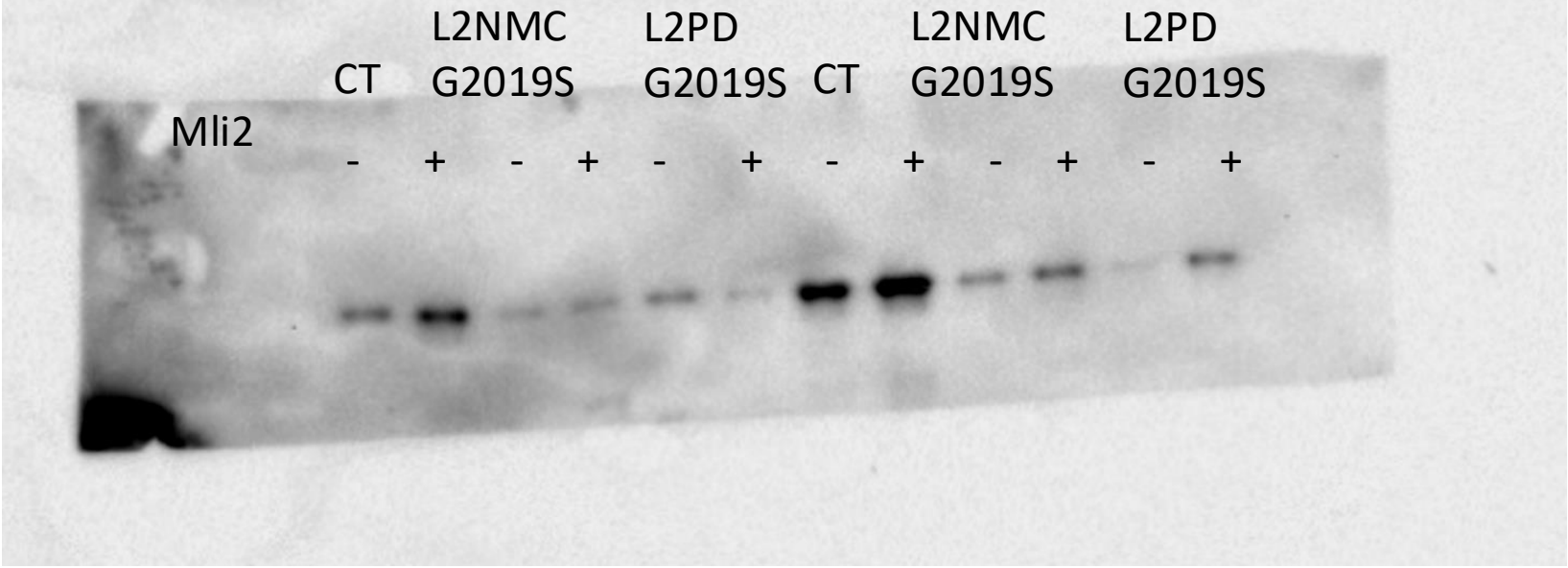
The red square was used for the middle part of Fig 6B, the rest of the samples were used for densitometries expressed in figure 6C

Total RPS6

Membrane 8



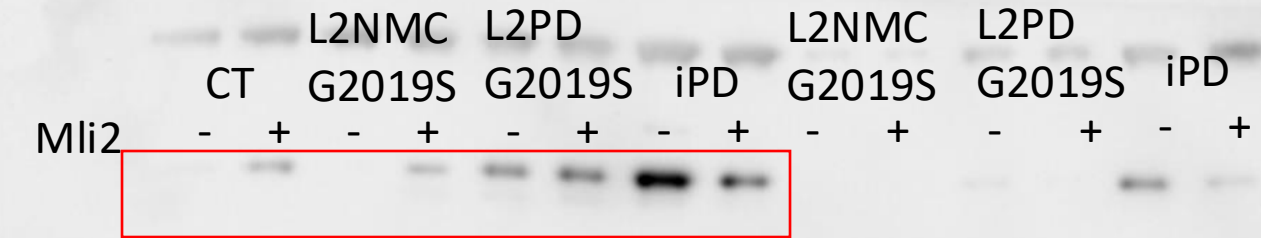
Membrane 6



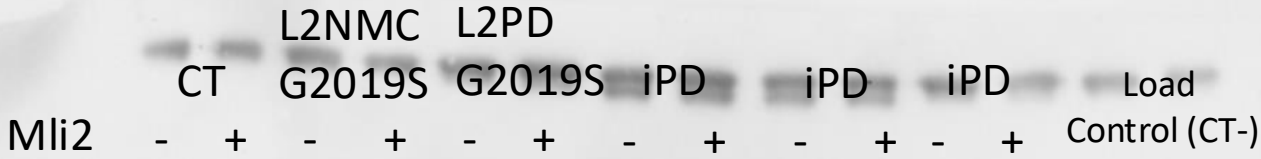
The red square was used for the middle part of Fig 6B, the rest of the samples were used for densitometries expressed in figure 6C

Total RPS6

Membrane 10

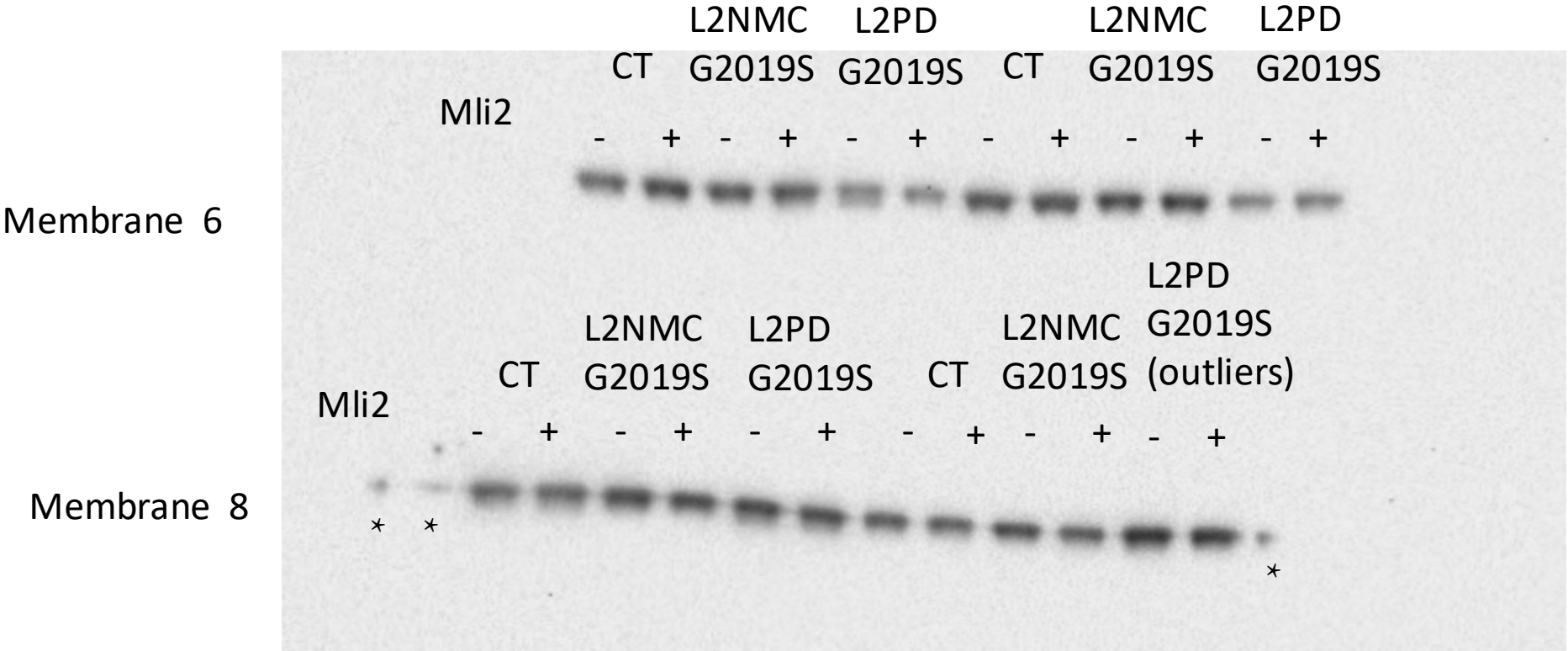


Membrane 9



The red square was used for the middle part of Fig 6B, the rest of the samples were used for densitometries expressed in figure 6C

Actin for RPS6
WBs



The red square was used for the lower part of Fig 6B, the rest of the samples were used for densitometries expressed in figure 6C

* minimum actin spills from the closest well, because the antibody is very sensitive.

Actin for RPS6
WBs

Membrane 5



Membrane 7

The red square was used for the lower part of Fig 6B, the rest of the samples were used for densitometries expressed in figure 6C

Actin for RPS6
WBs

	CT		L2NMC G2019S		L2PD G2019S		iPD		iPD		iPD		
Mli2	-	+	-	+	-	+	-	+	-	+	-	+	Load Control (CT-)

Membrane 9

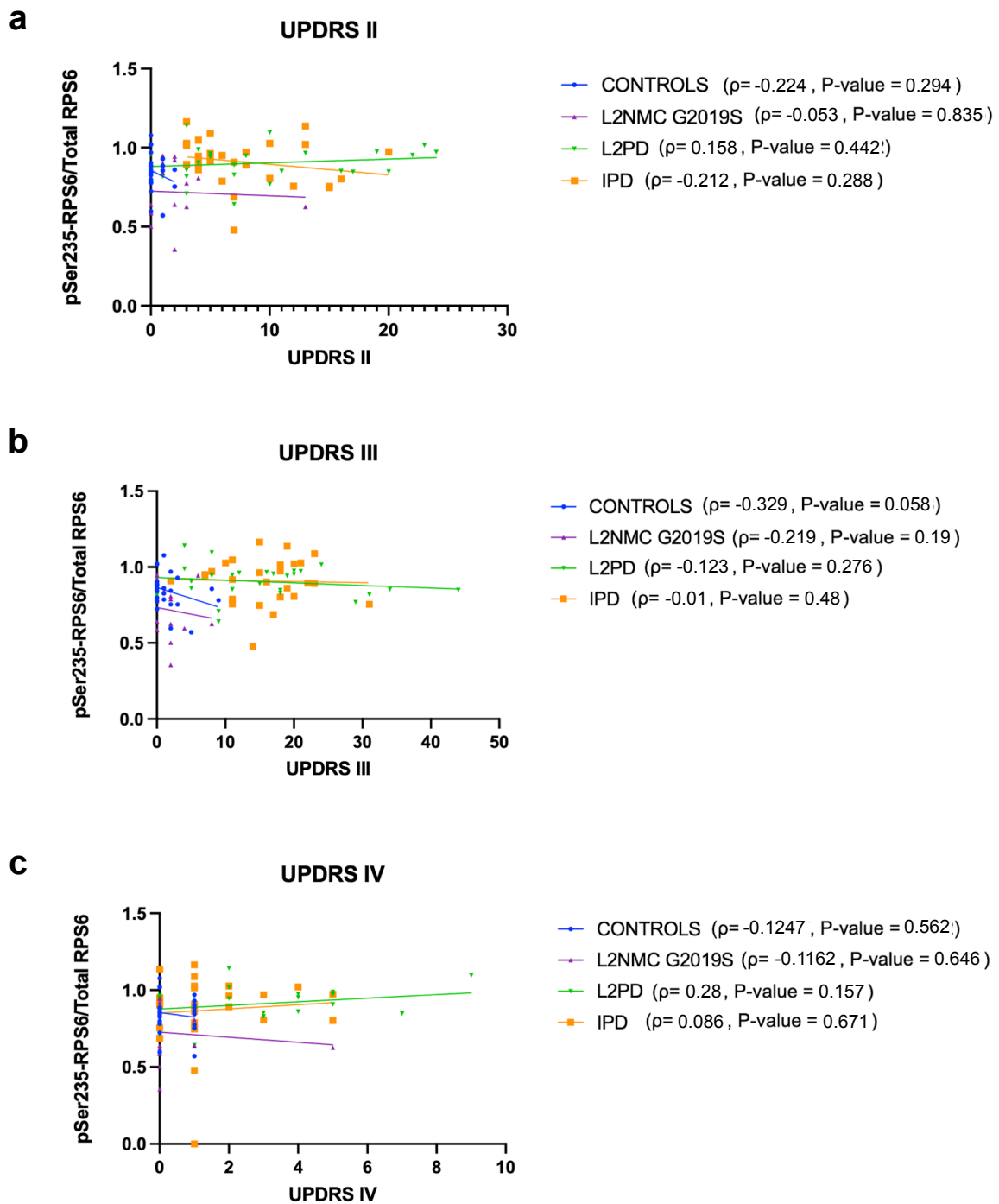


The red square was used for the lower part of Fig 6B, the rest of the samples were used for densitometries expressed in figure 6C

Membrane 10

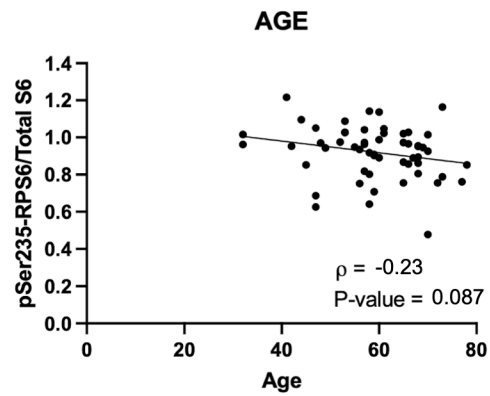
	CT		L2NMC G2019S		L2PD G2019S		iPD		L2NMC G2019S		L2PD G2019S		iPD	
Mli2	-	+	-	+	-	+	-	+	-	+	-	+	-	+





Supplementary Figure 2. a) Correlation with UPDRS II including all the groups: Controls, L2NMC, L2PD and iPD. b) Correlation with UPDRS III including all the groups: Controls, L2NMC, L2PD and iPD. c) Correlation with UPDRS IV including all the groups: Controls, L2NMC, L2PD and iPD. Correlation coefficients (ρ) and P-values are indicated for each association.

a



Supplementary Figure 3. pSer235-RPS6 do not correlate with age. a) Scatter plot showing no correlation with age.