

Supplementary materials S1-S2

Effects of electroporation on the function of sarco/endoplasmic reticulum Ca^{2+} -ATPase and $\text{Na}^{+},\text{K}^{+}$ -ATPase in H9c2 cells

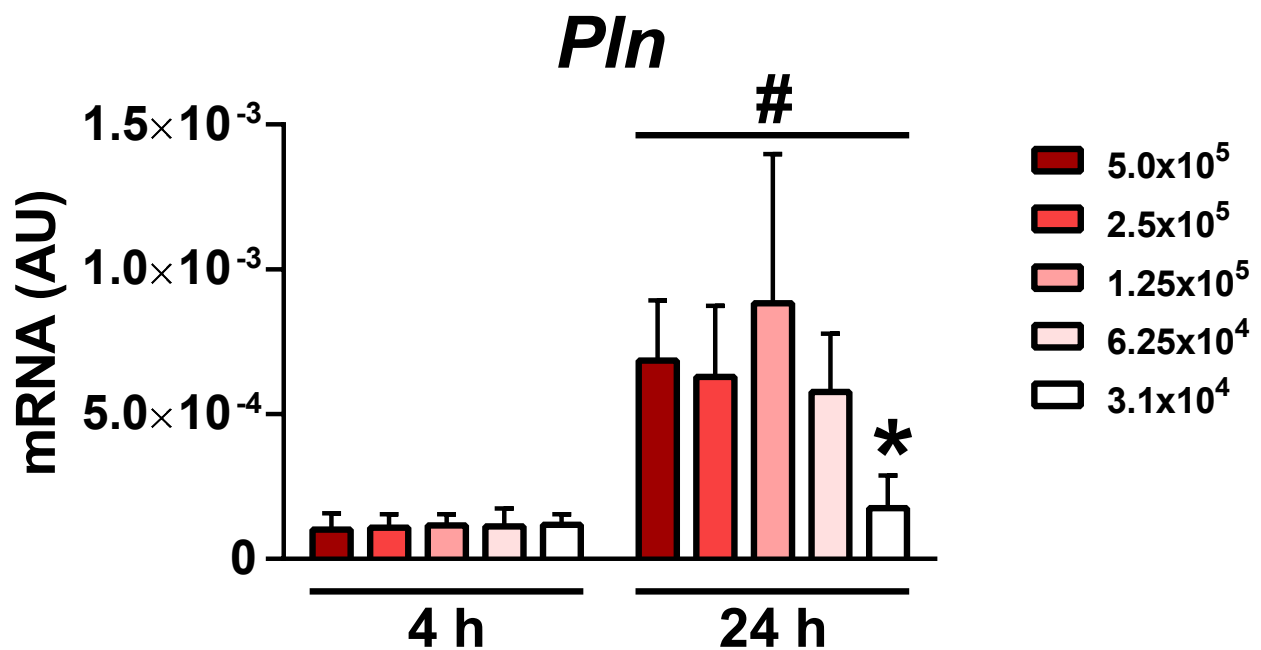
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Ljubljana, Slovenia

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Supplementary figure S1

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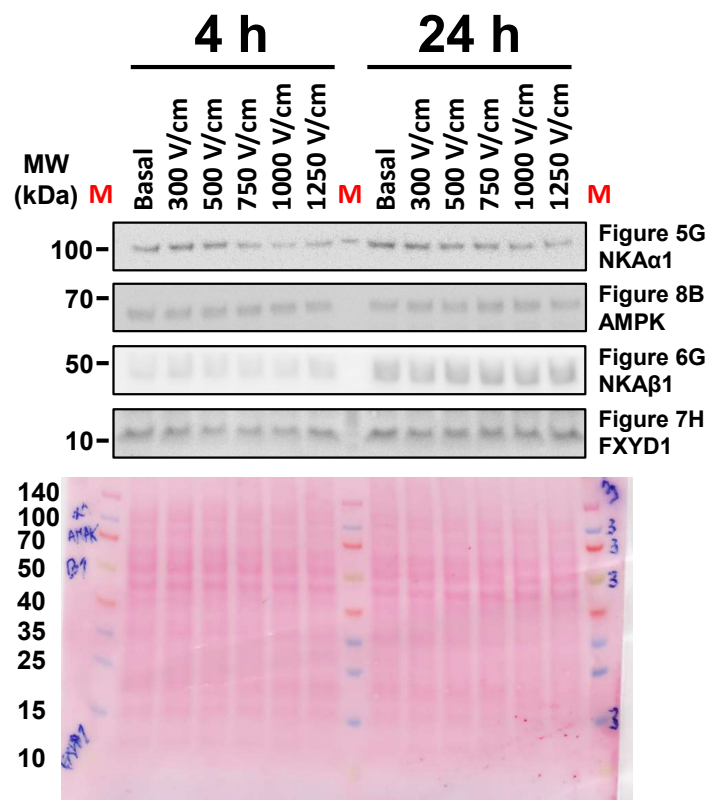
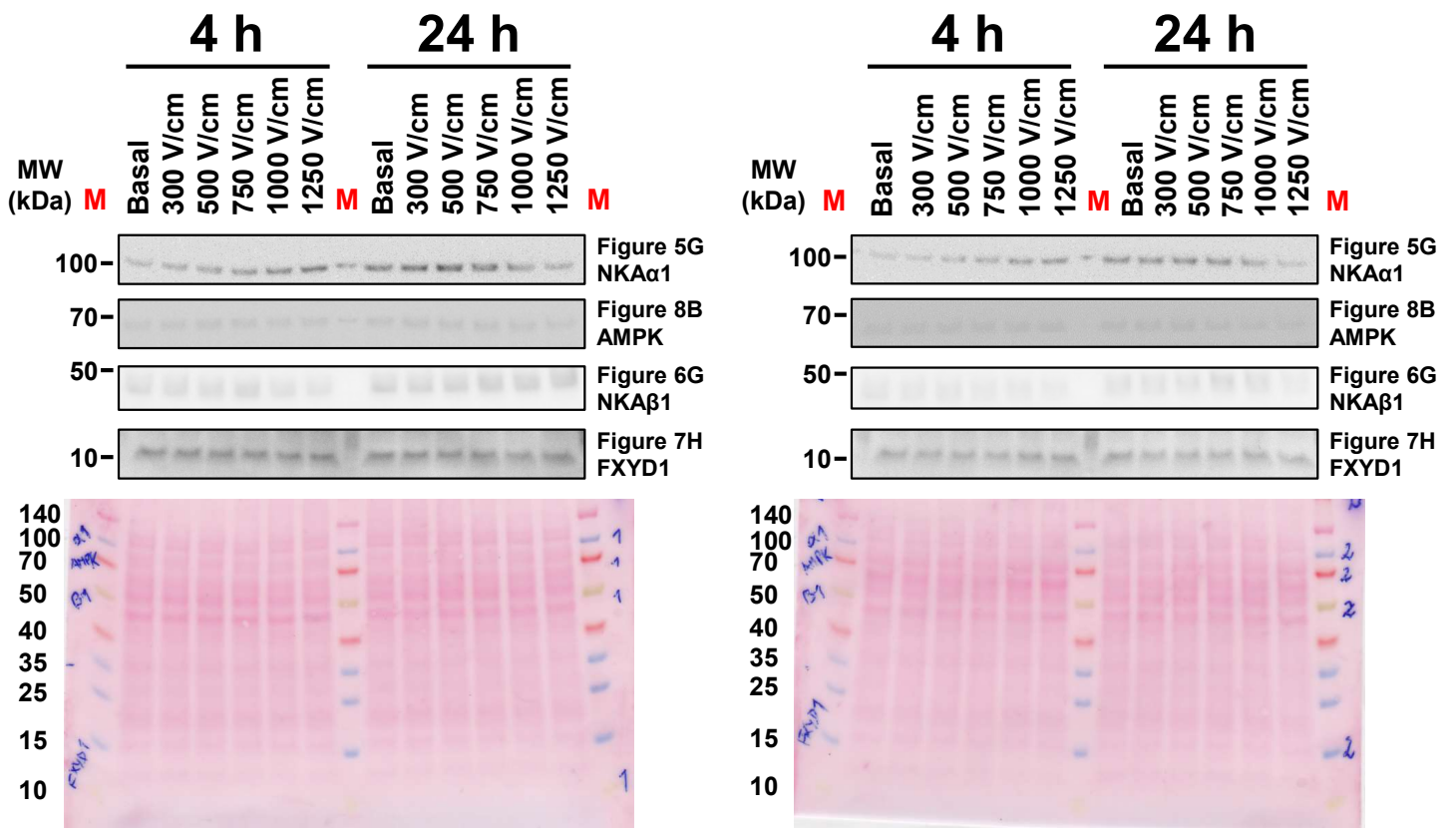
Supplementary figure S1: Cell seeding concentration affects the expression of phospholamban (Pln). H9c2 cells were seeded at 5 different concentrations (from 5.0×10^5 to 3.125×10^4) and then incubated for either 4 or 24 hours. qPCR was used to determine gene expression of phospholamban (Pln). Values on the graph are means \pm SD (n=3) and results that are statistically significant are indicated (* $P < 0.05$ vs. Basal; # $P < 0.05$ 4 h vs. 24 h. Two-way ANOVA with Dunnet's post-hoc adjustment was used for statistical evaluation).

Supplement S2: Raw immunoblots

Immunoreactive bands were visualized using enhanced chemiluminescence using Alliance Q9 (Uvitec, UK) and Quantity One 1-D Analysis Software 4.6.8. (Bio-Rad, U.S.)

Loading and transfer were evaluated by Ponceau S (0.1% (w/v) in 5% (v/v) acetic acid) staining.

Monopolar pulses

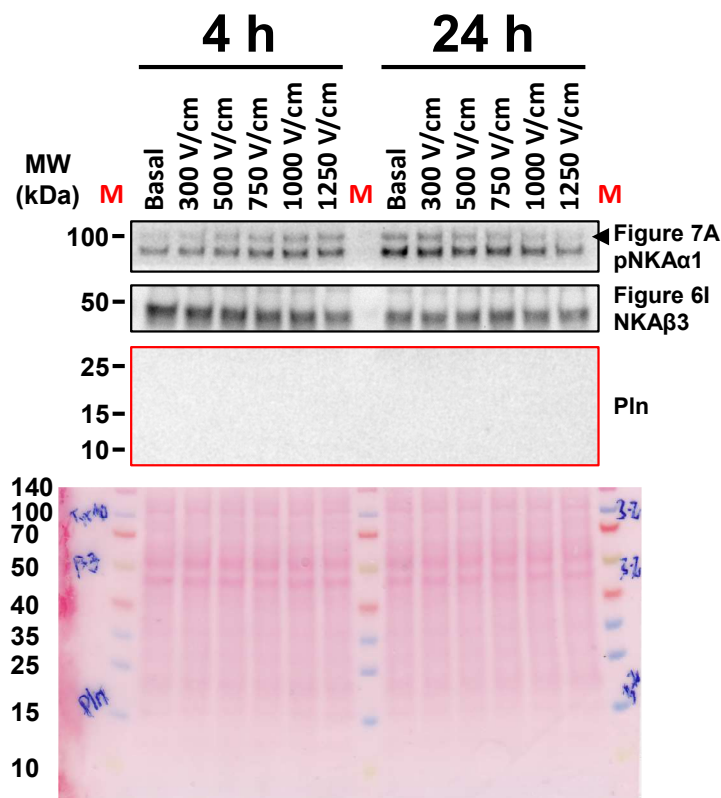
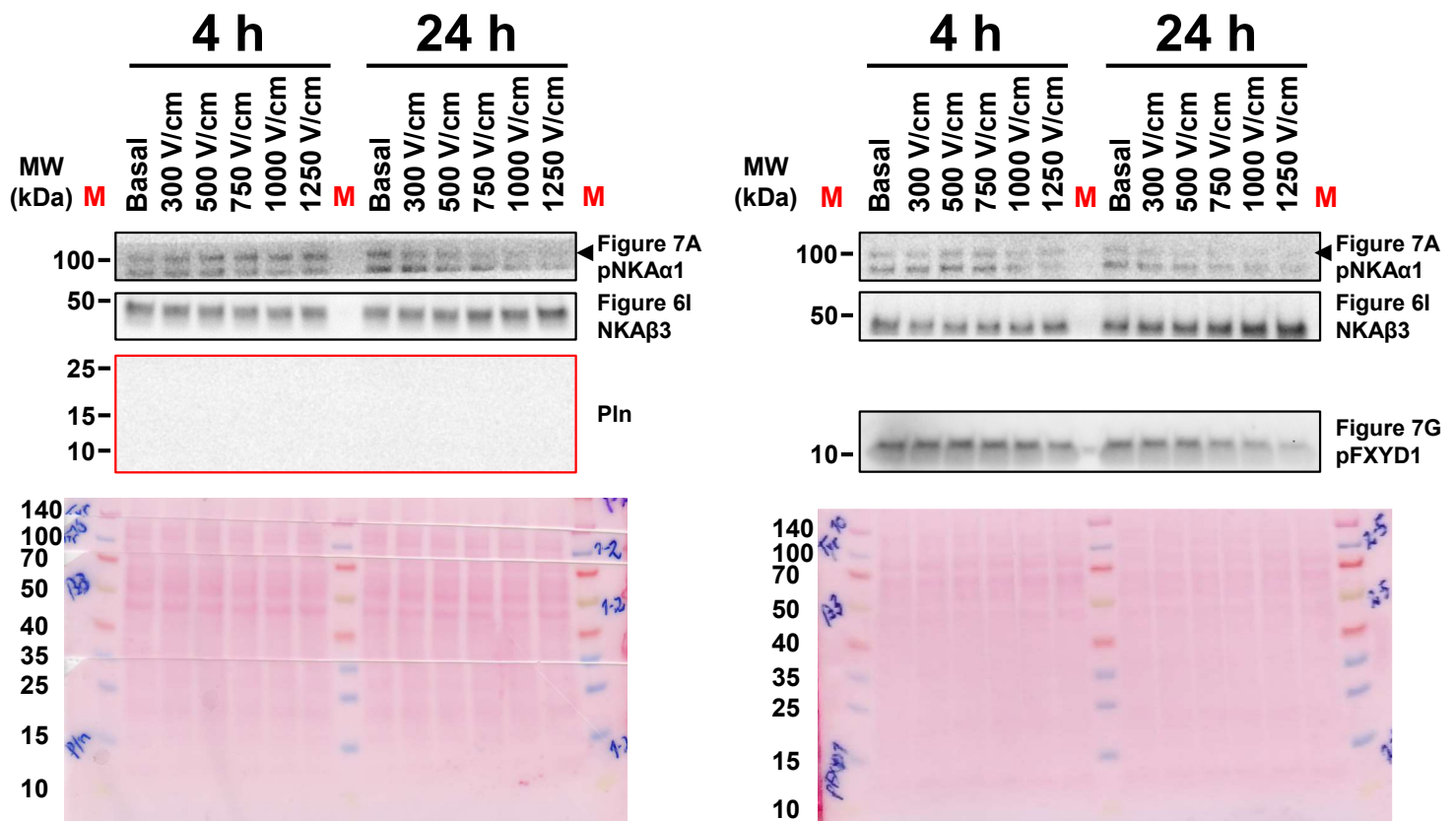


Red framed blots were excluded from statistical analyses either due to low intensity or no visible bands. Detections that were performed on stripped membranes are labelled with asterisks and green text

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Monopolar pulses

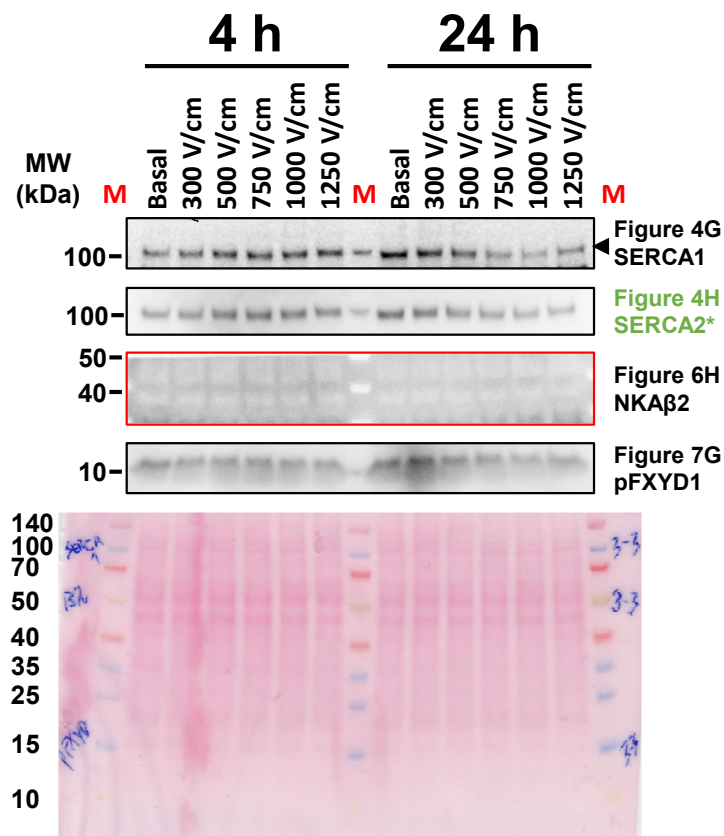
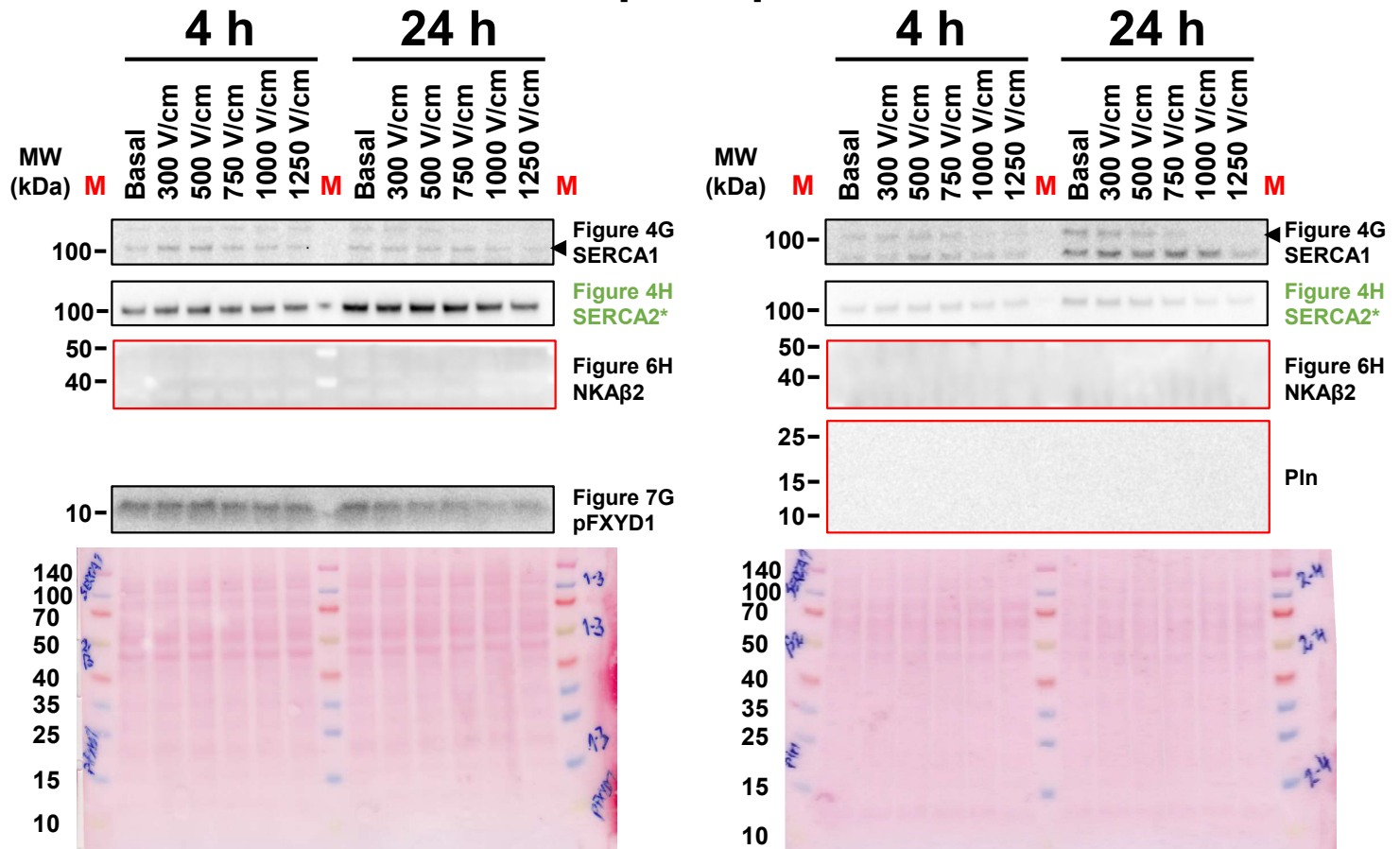


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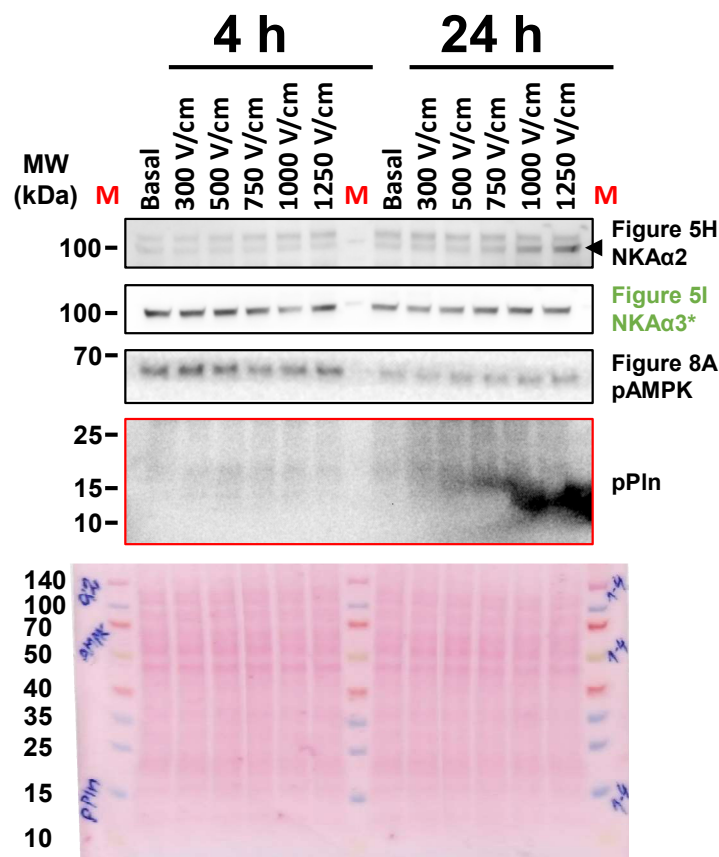
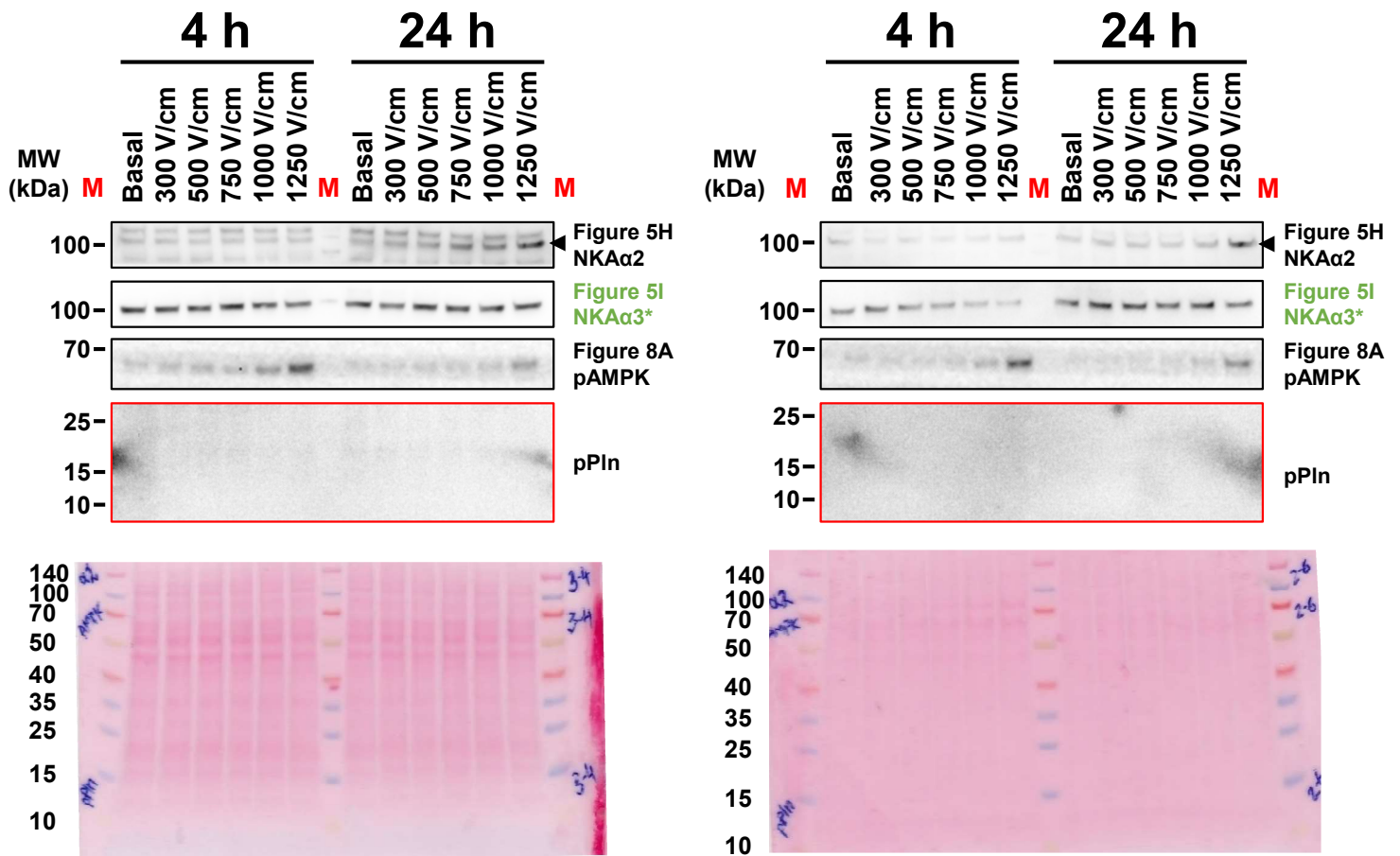


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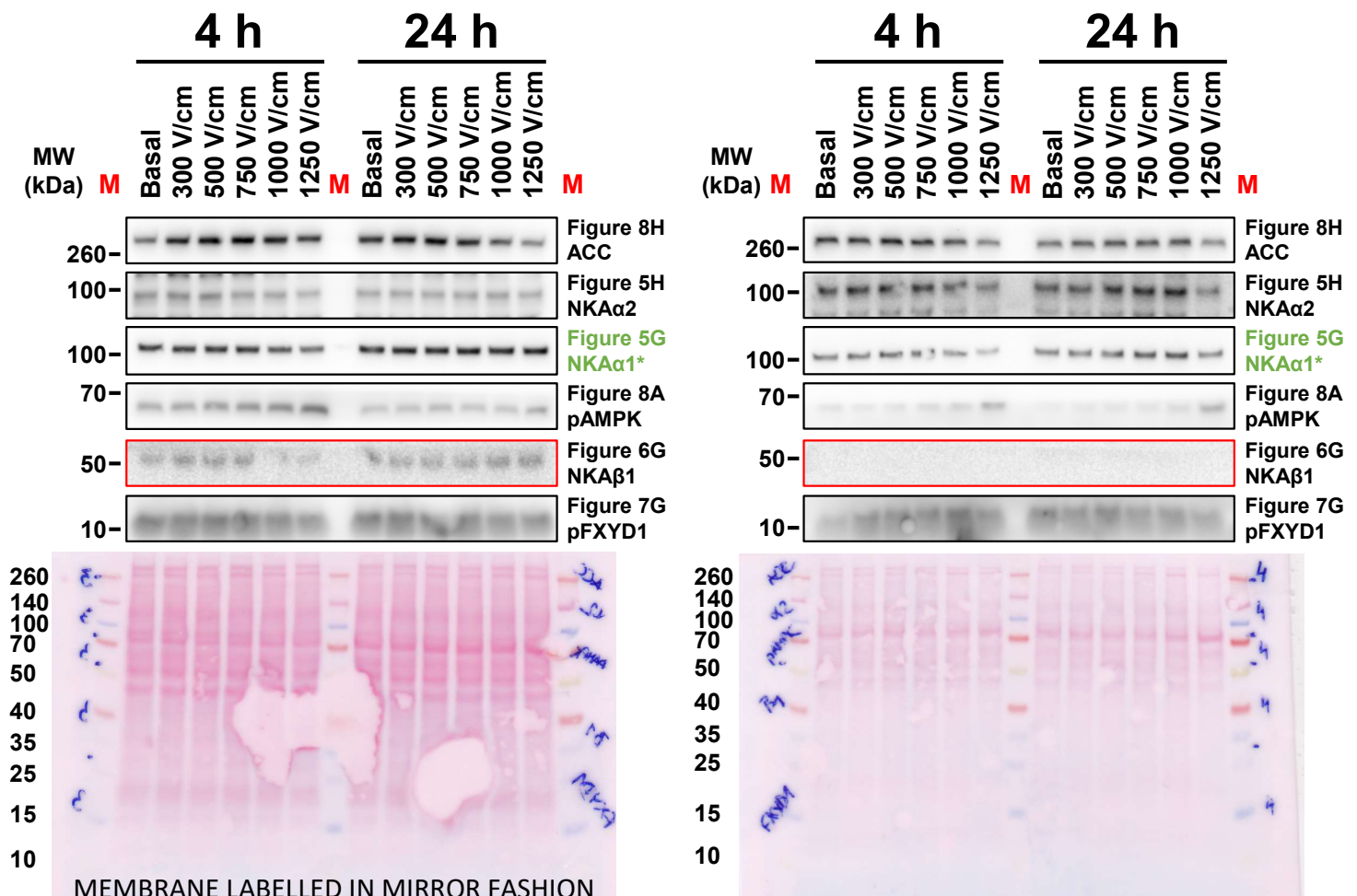
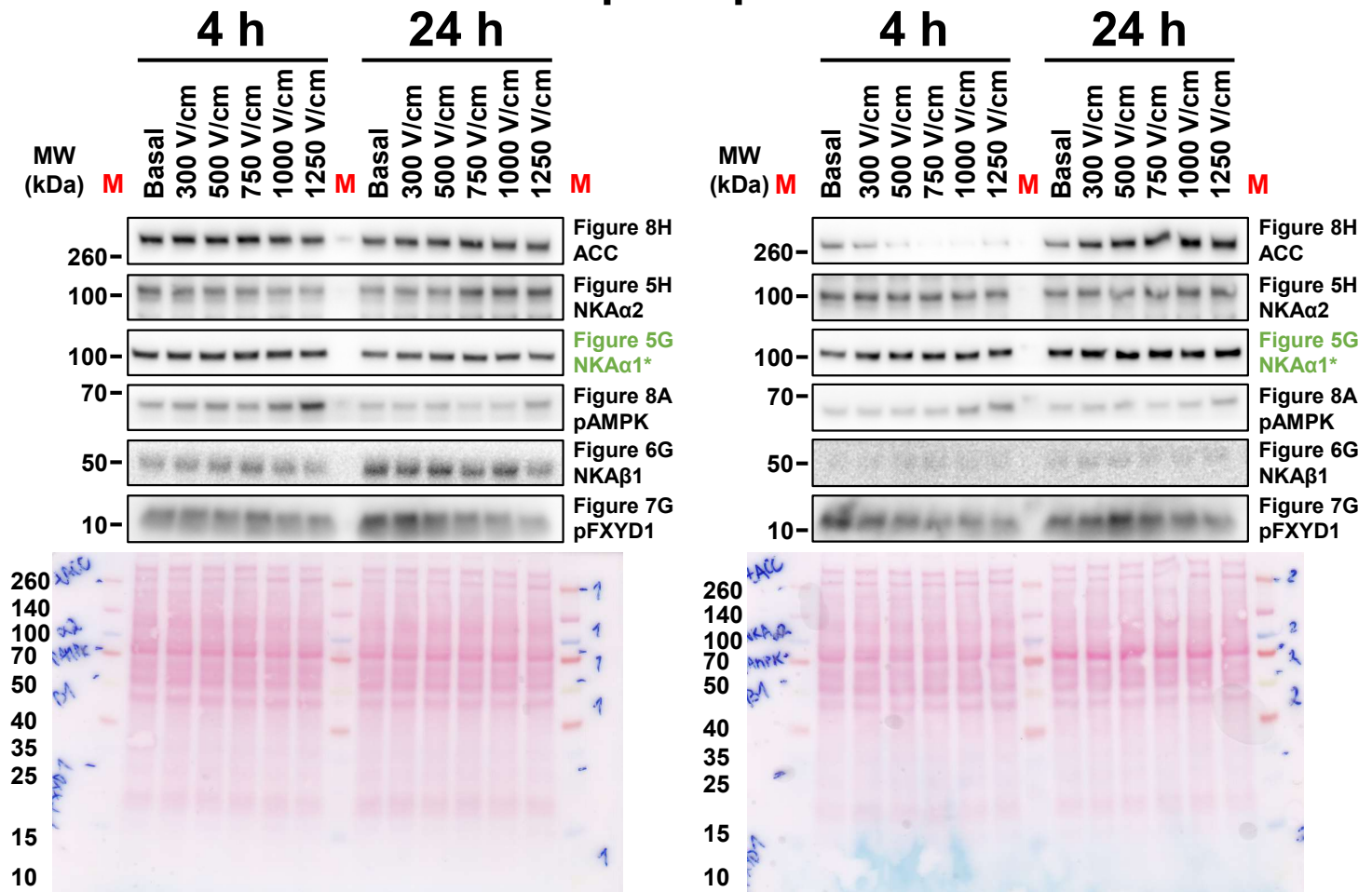


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Monopolar pulses



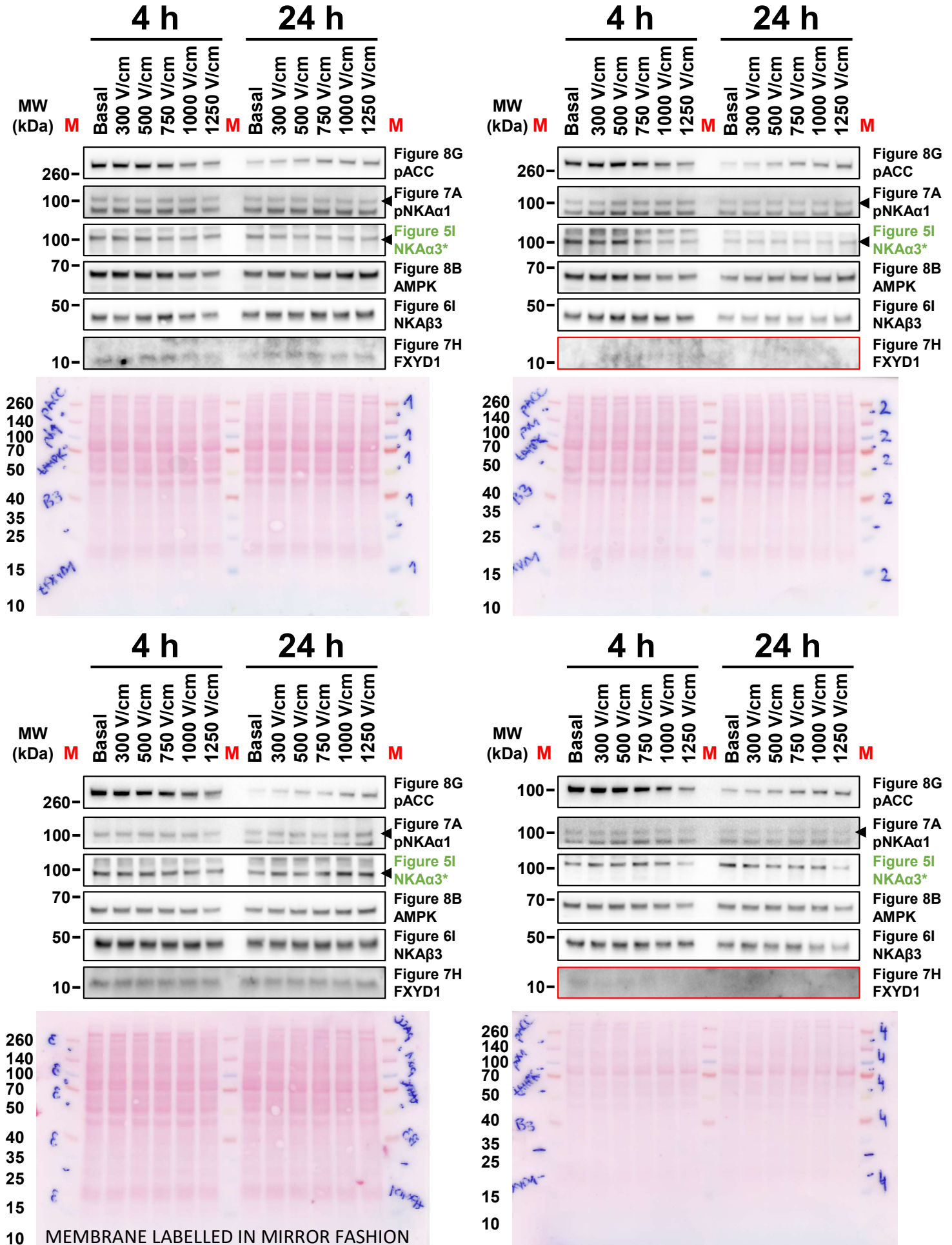
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Monopolar pulses



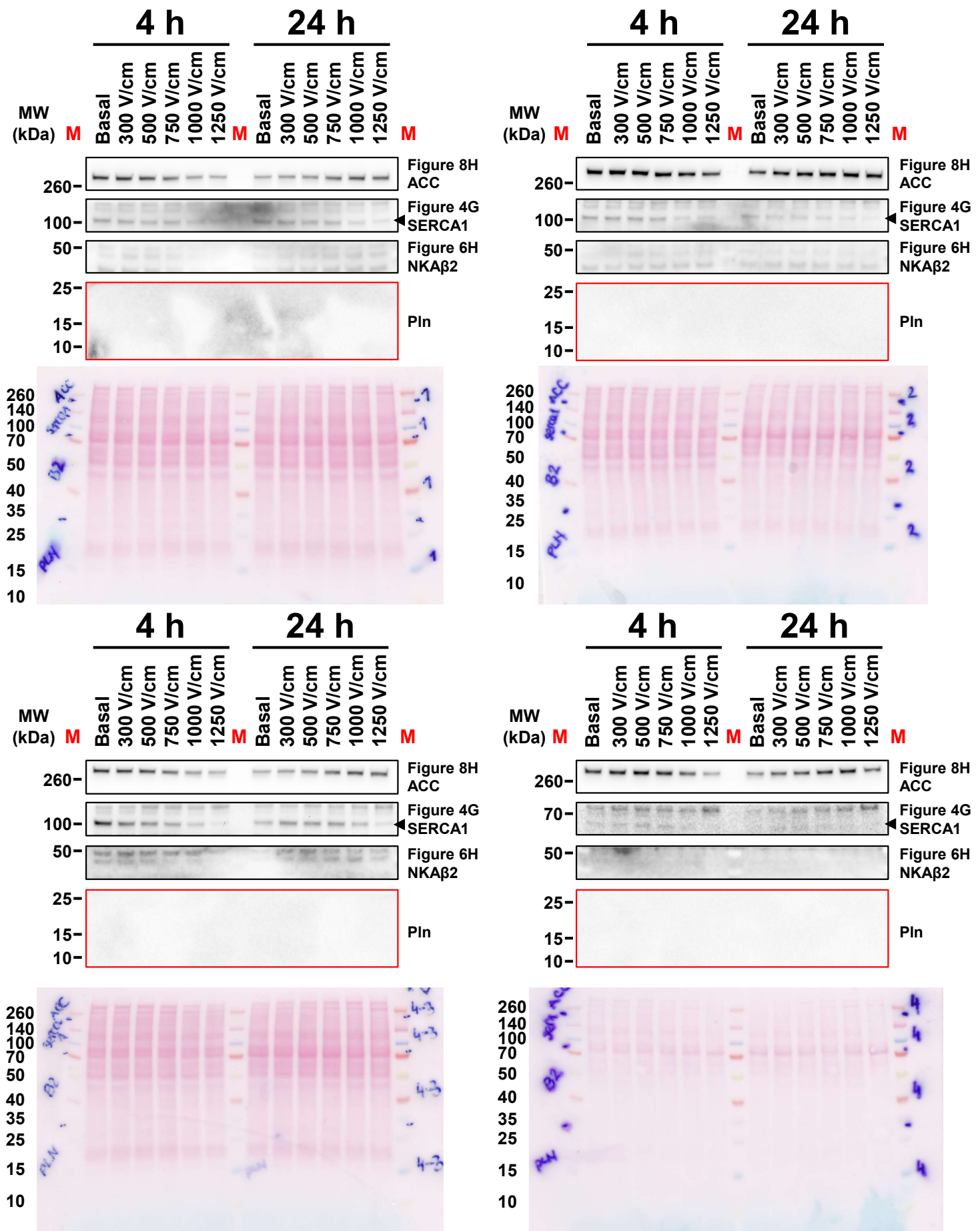
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Monopolar pulses



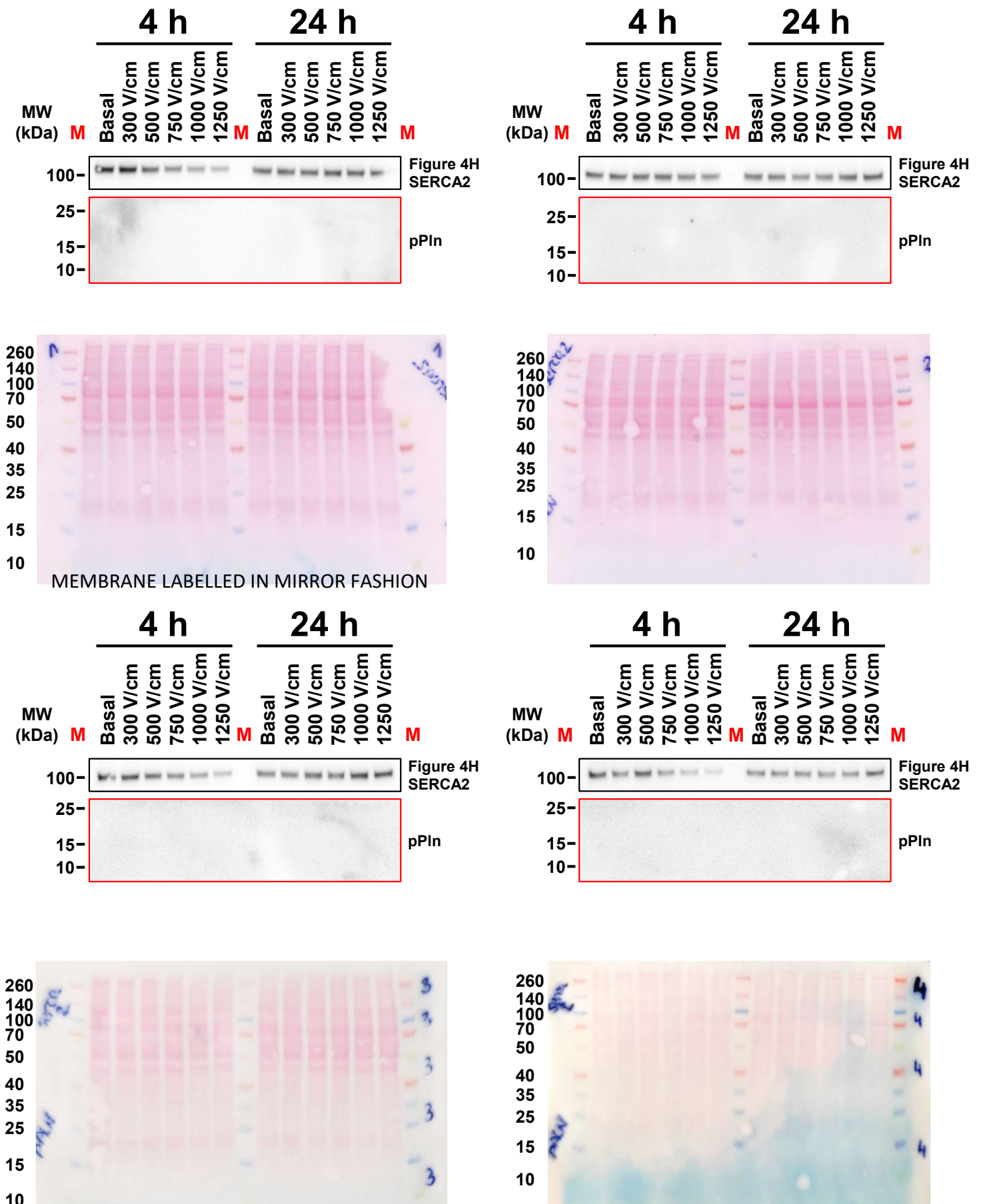
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Monopolar pulses

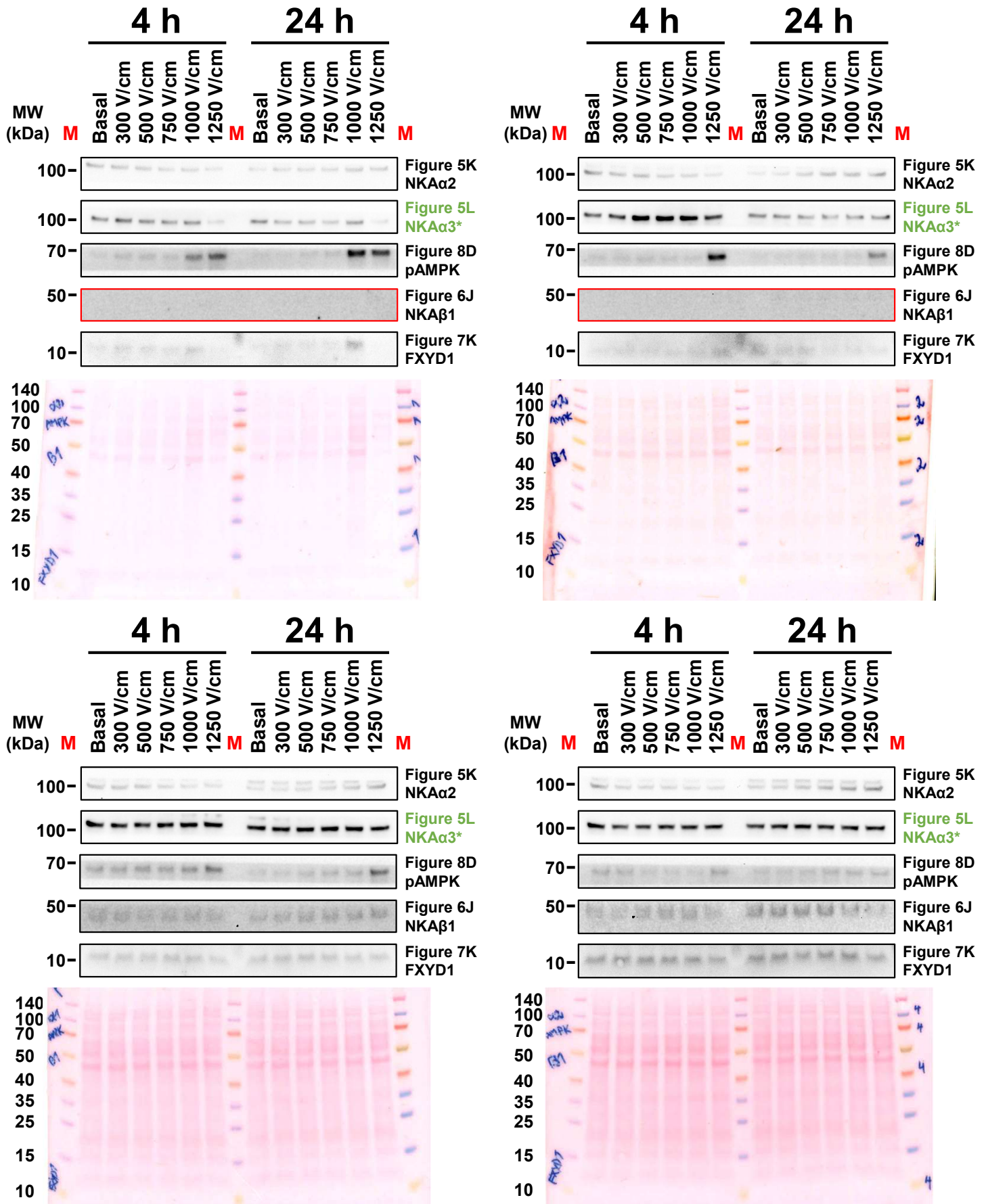


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Bipolar pulses

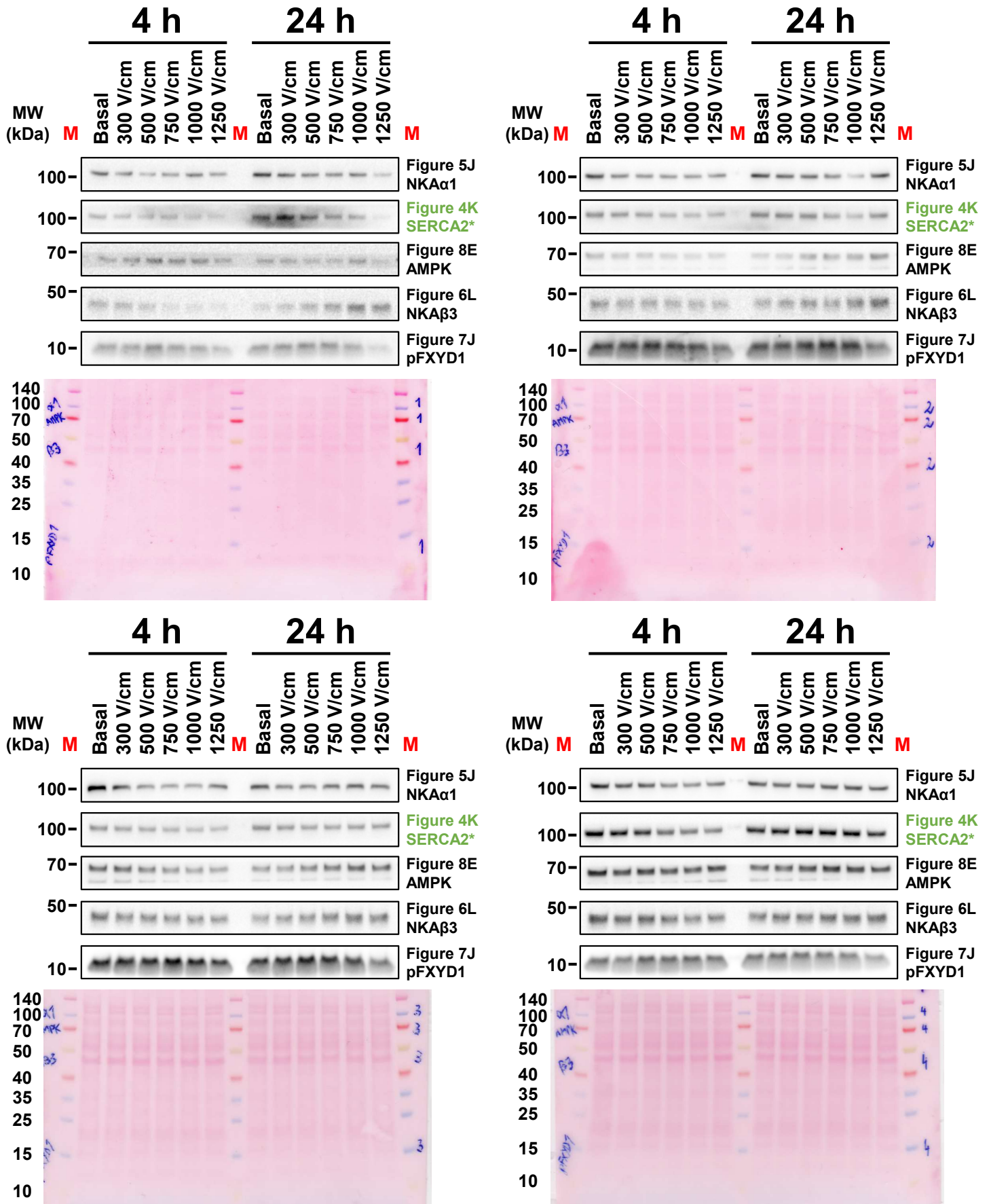


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Bipolar pulses



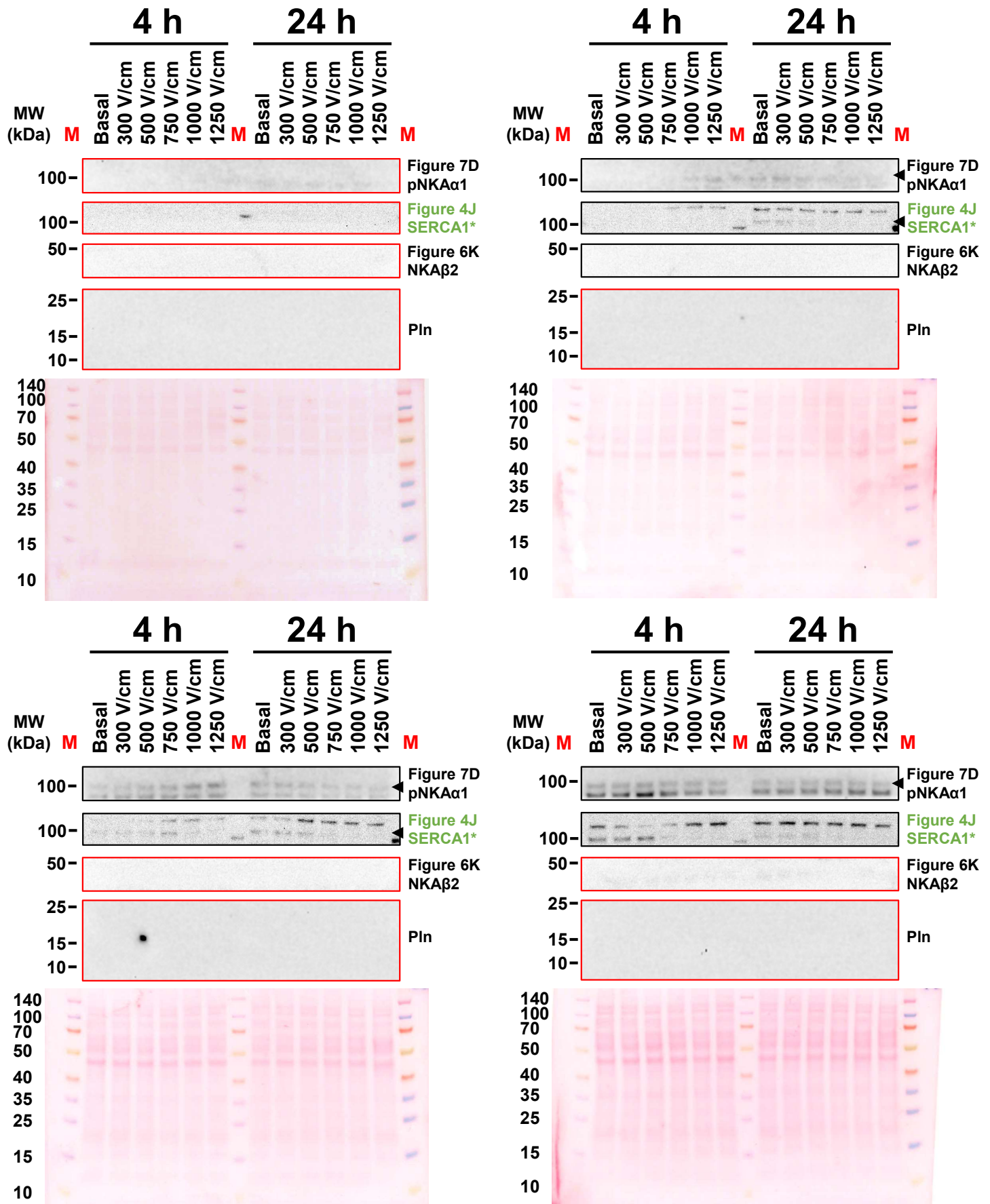
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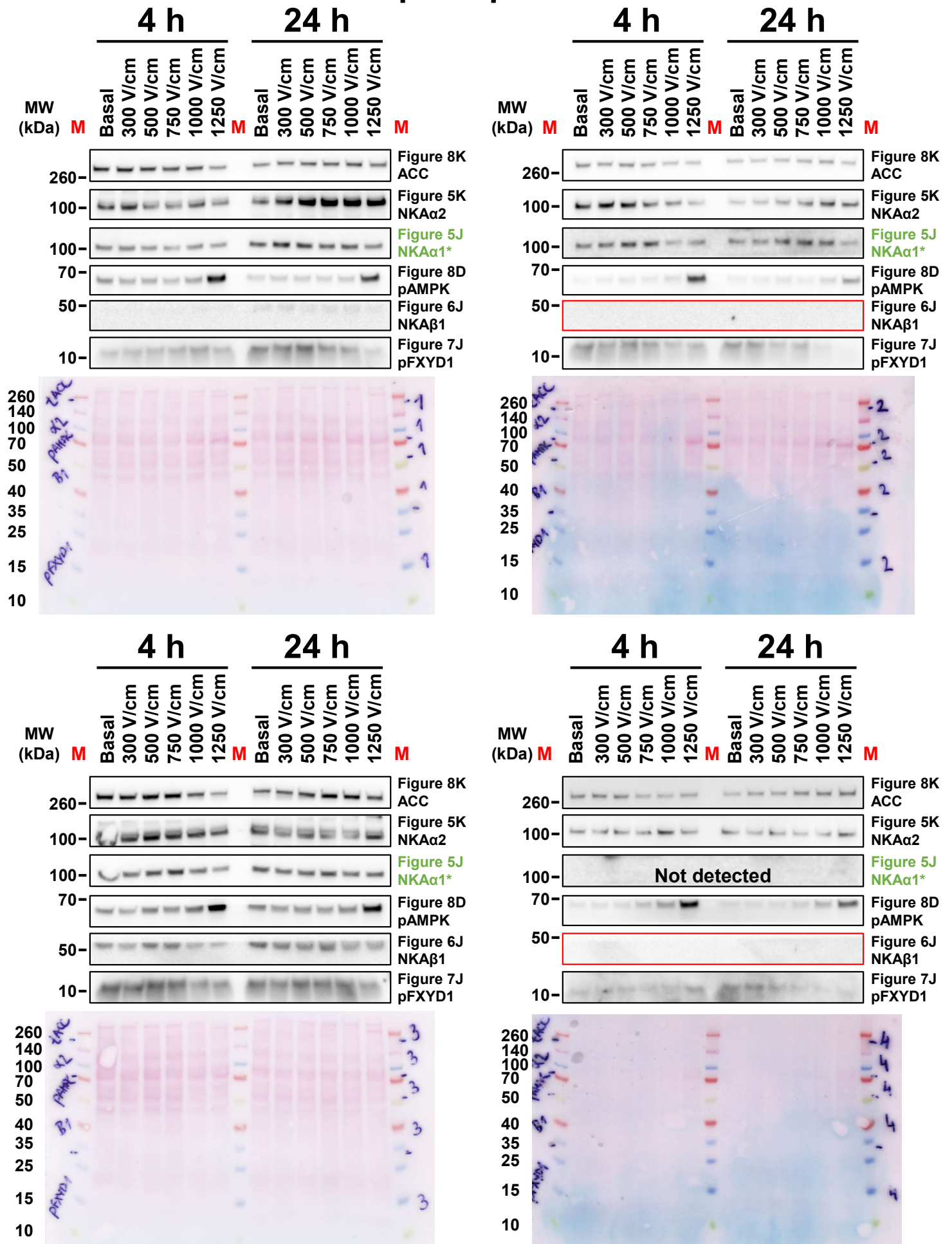


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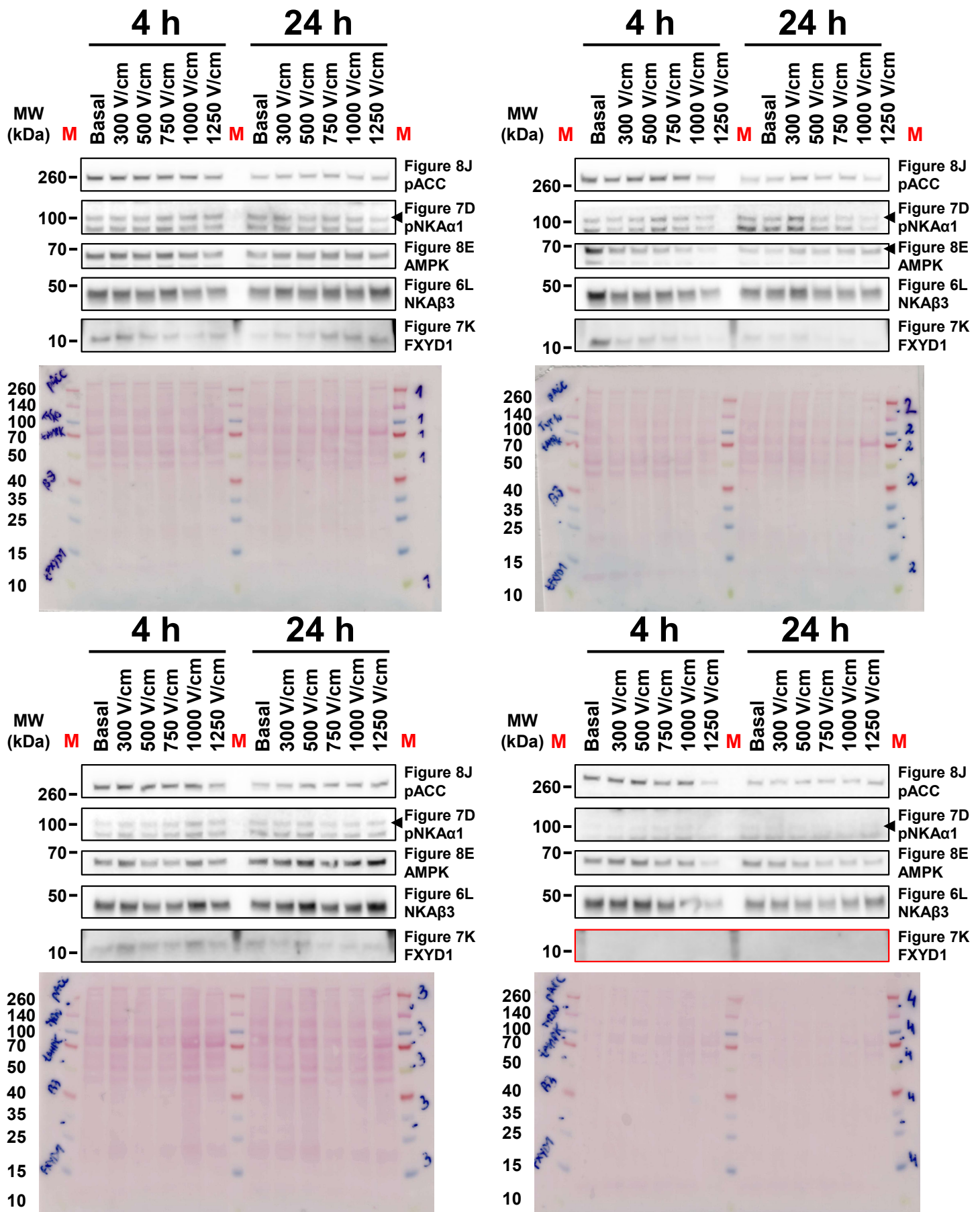
Bipolar pulses



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Bipolar pulses



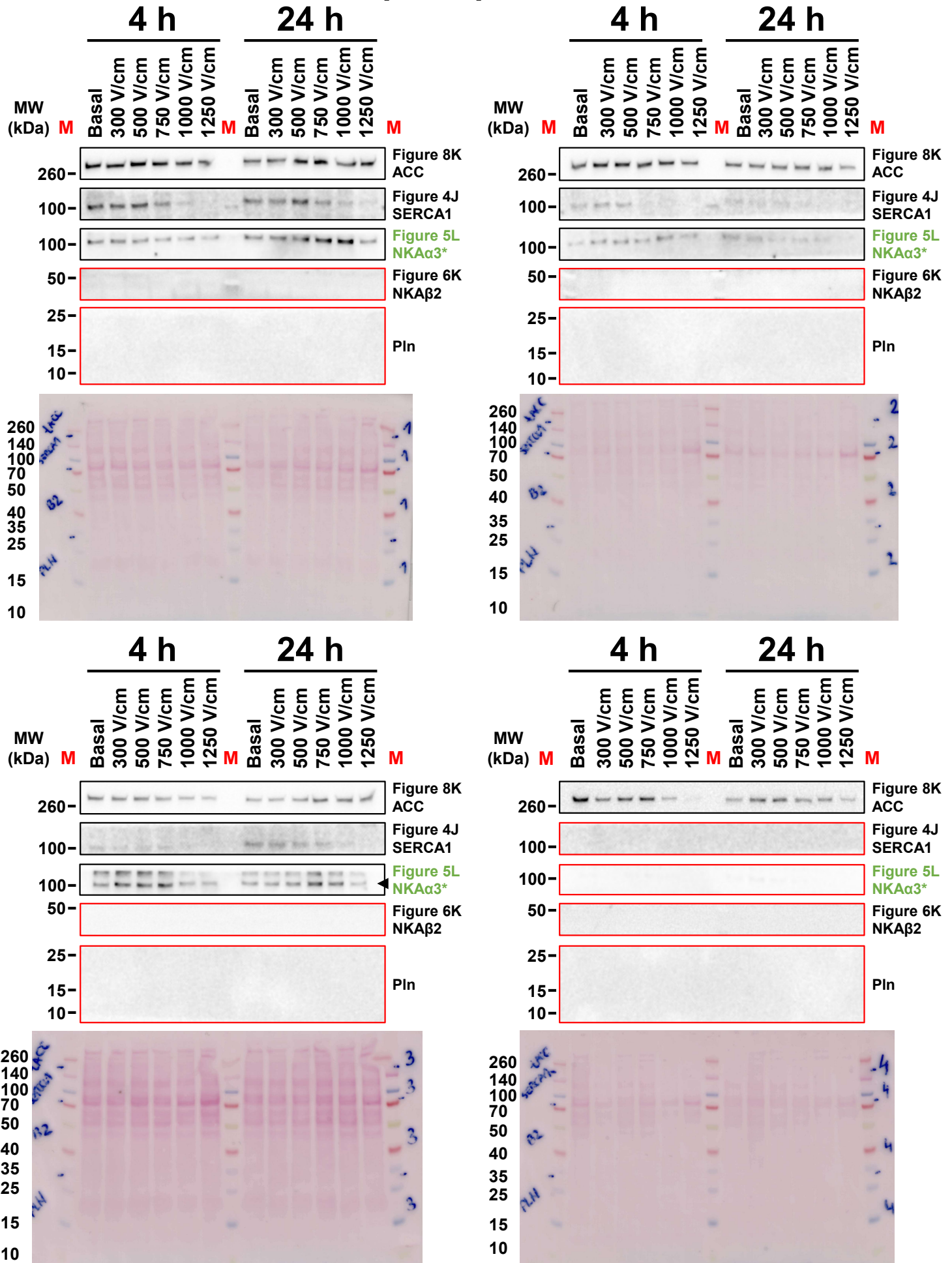
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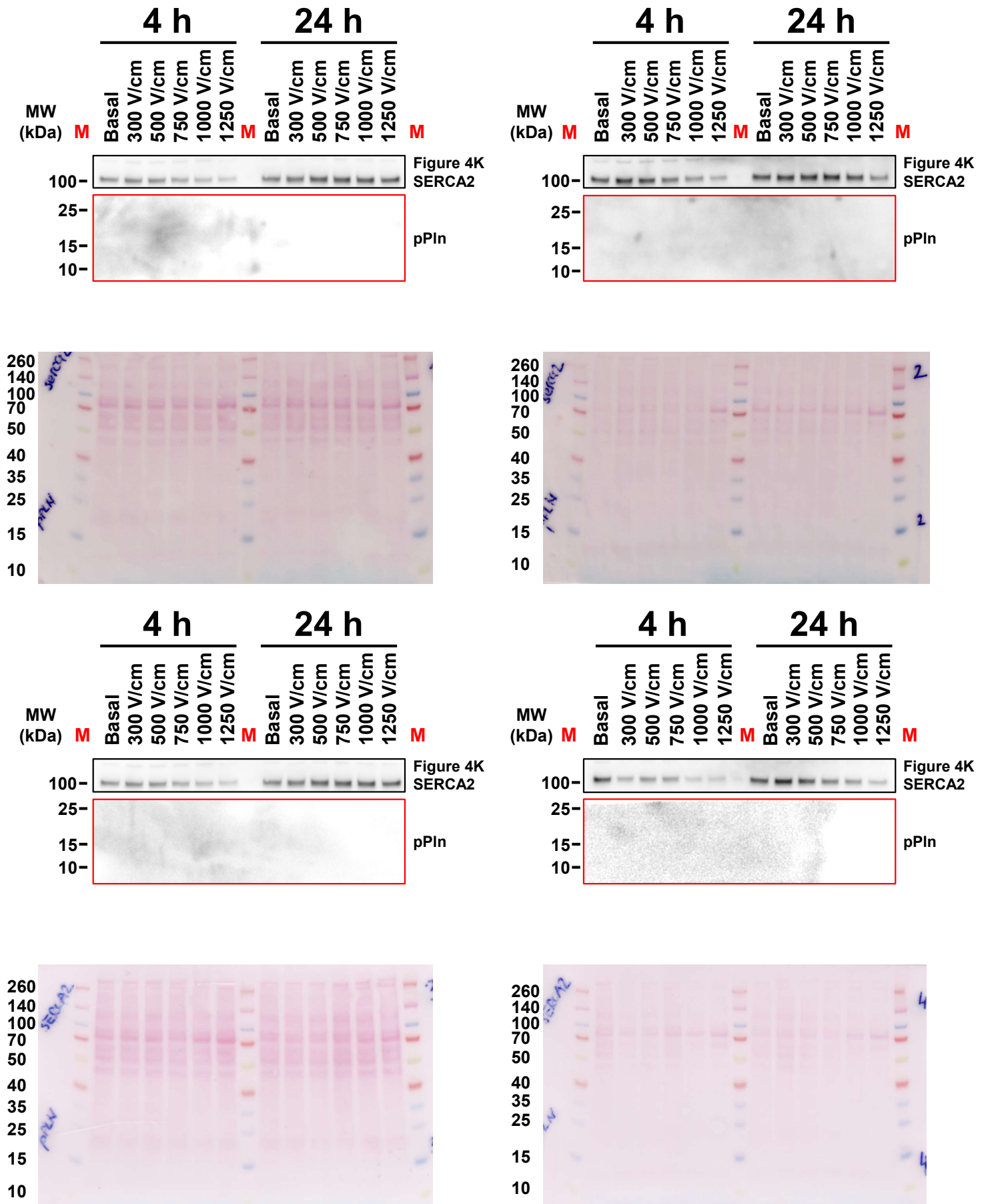
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