

Supplementary Information file with full, uncropped western blots
(Figure 1d, 5a, 5b, 5c, 6a, and supplementary figures: 1b, 3a, 5a, 5b, 6, 7,
10, 11a, 13a, 13b, 14a, 14b)

Title: Alterations in the LRRK2-Rab pathway in urinary extracellular vesicles as
Parkinson's disease and pharmacodynamic biomarkers

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Claire Deldycke, Séverine Bleuse, Antoine Marchand, Alessia Sarchione, Alexandre
Kreisler, Clémence Simonin, James Koprach, Guillaume Baille, Luc Defebvre, Kathy
Dujardin, Alain Destée, and Marie-Christine Chartier-Harlin

Figure 1d

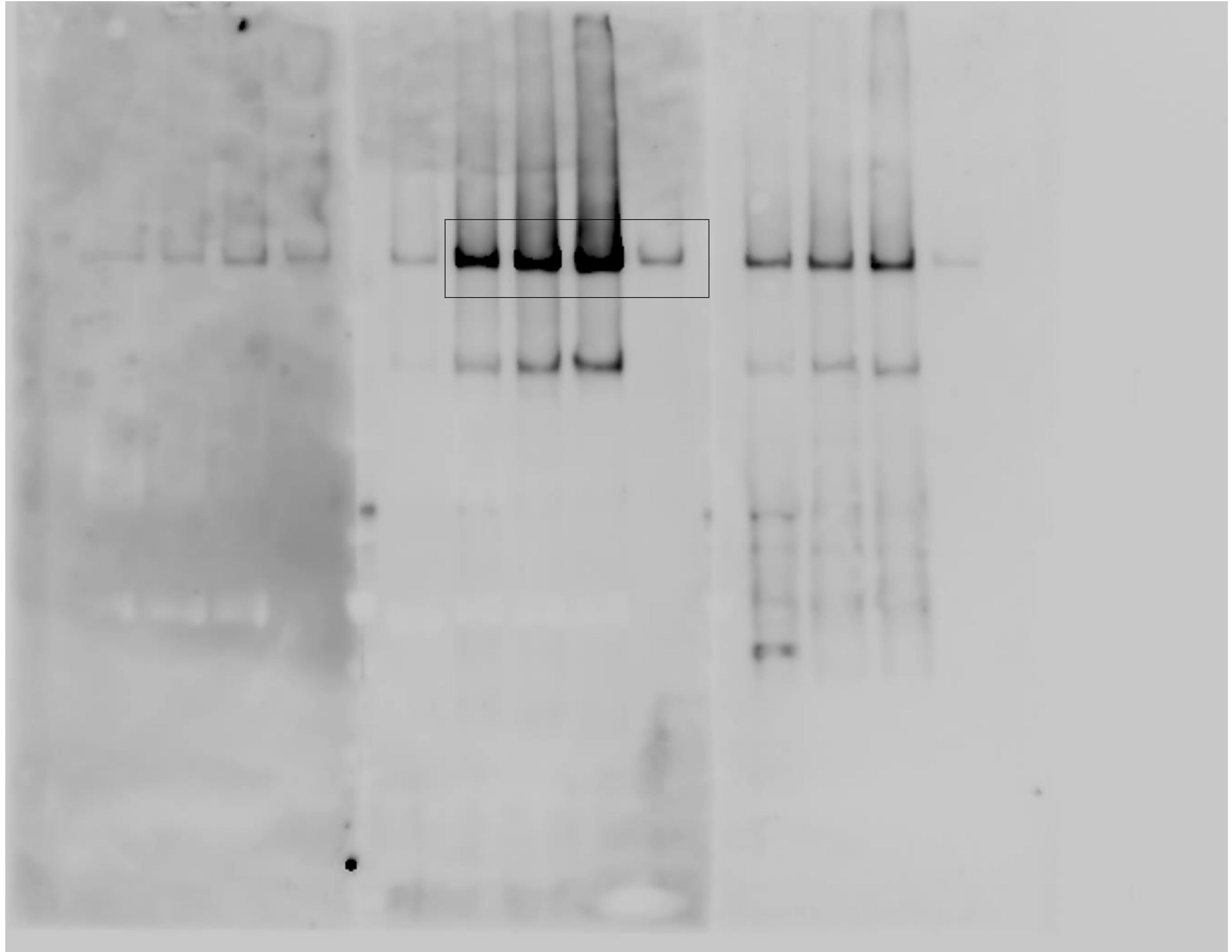
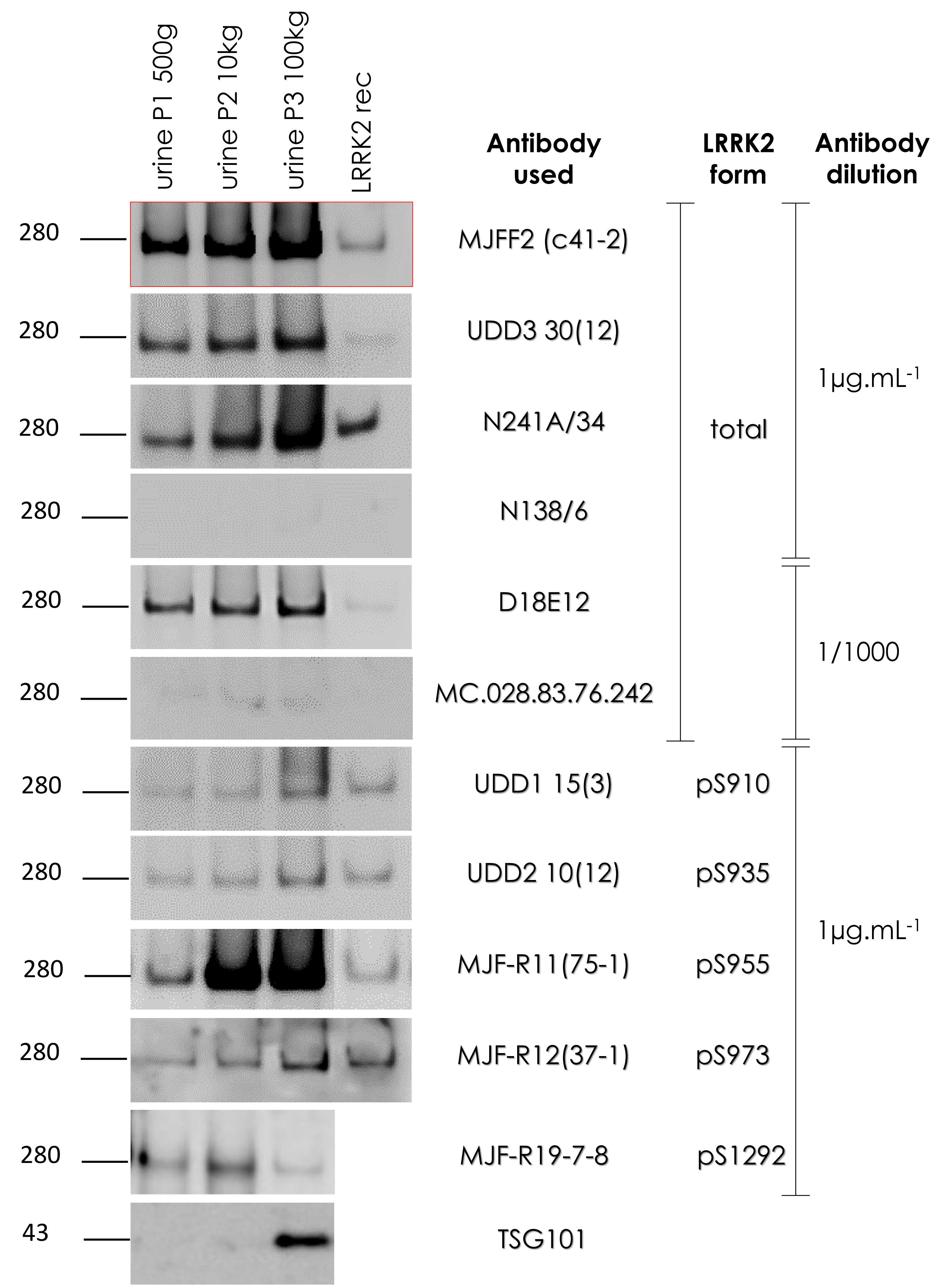


Figure 1d

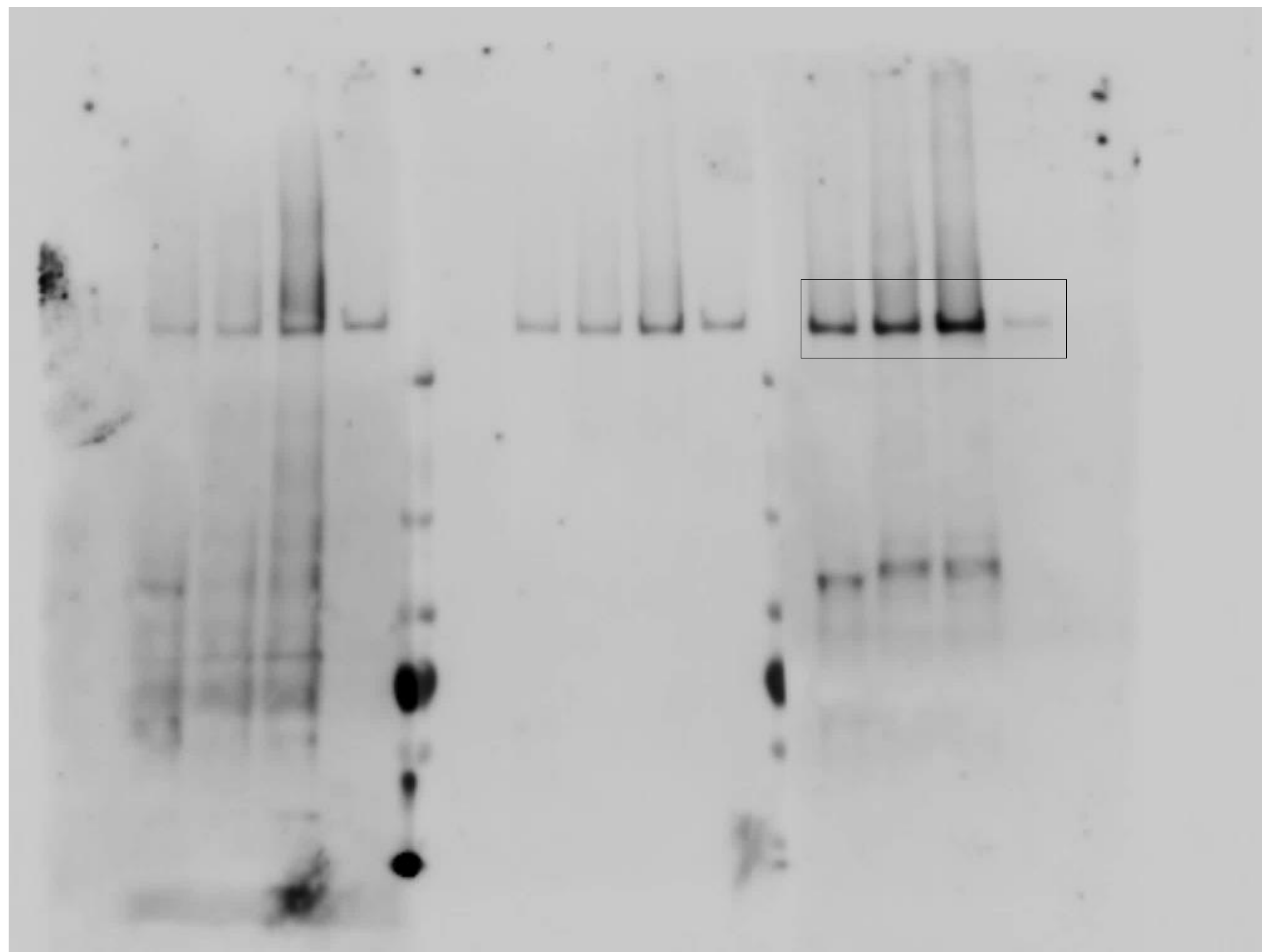
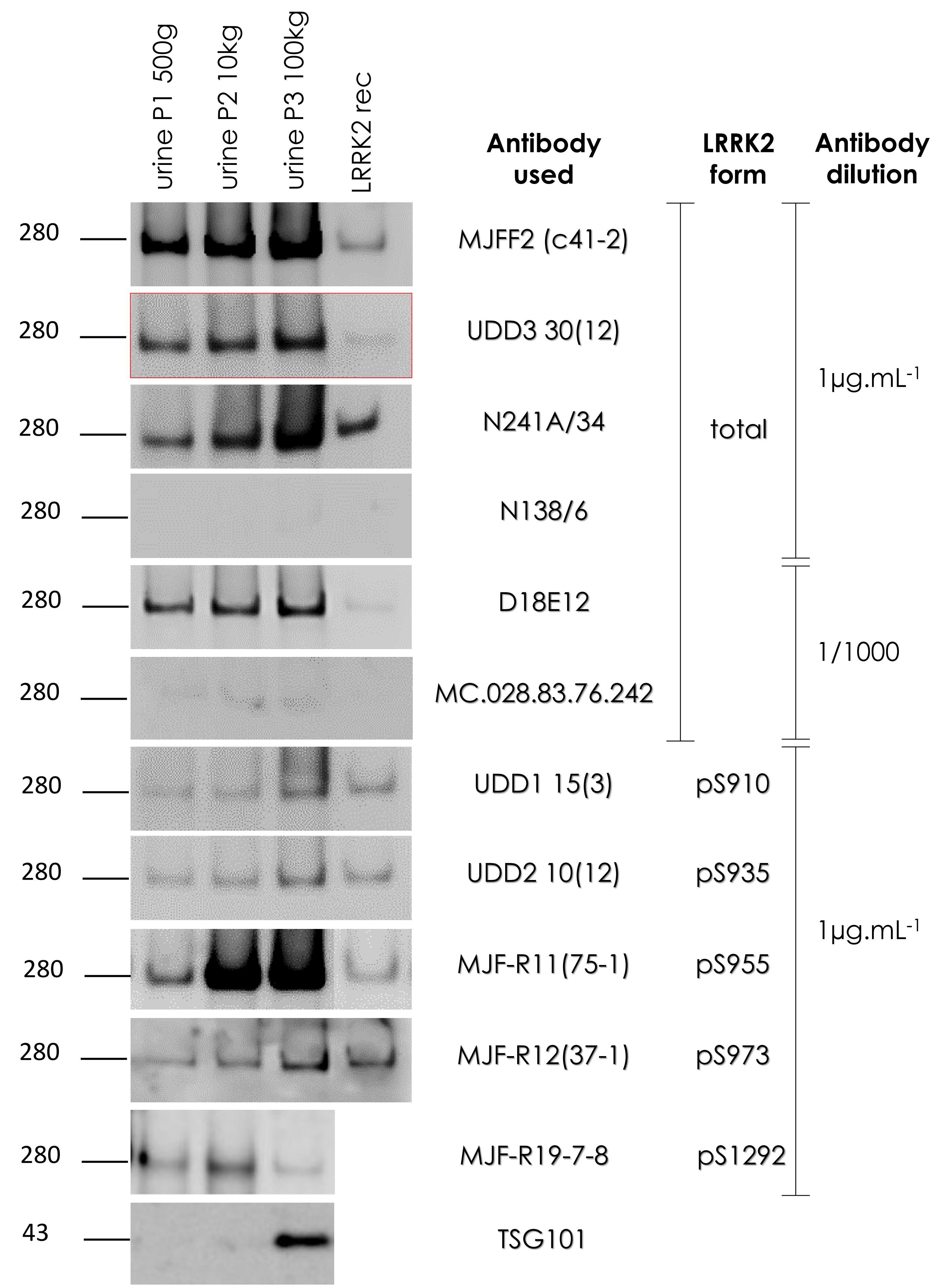


Figure 1d

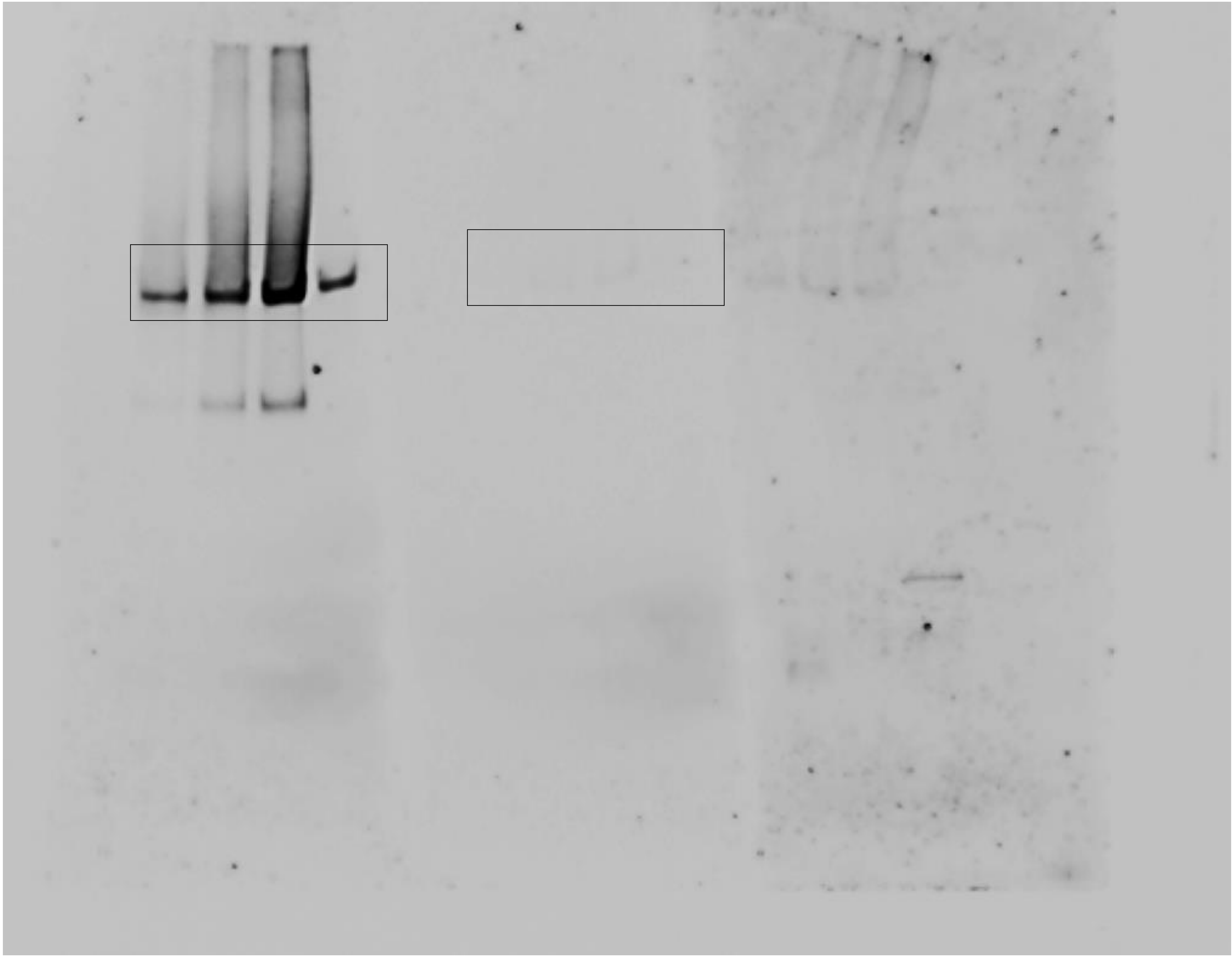
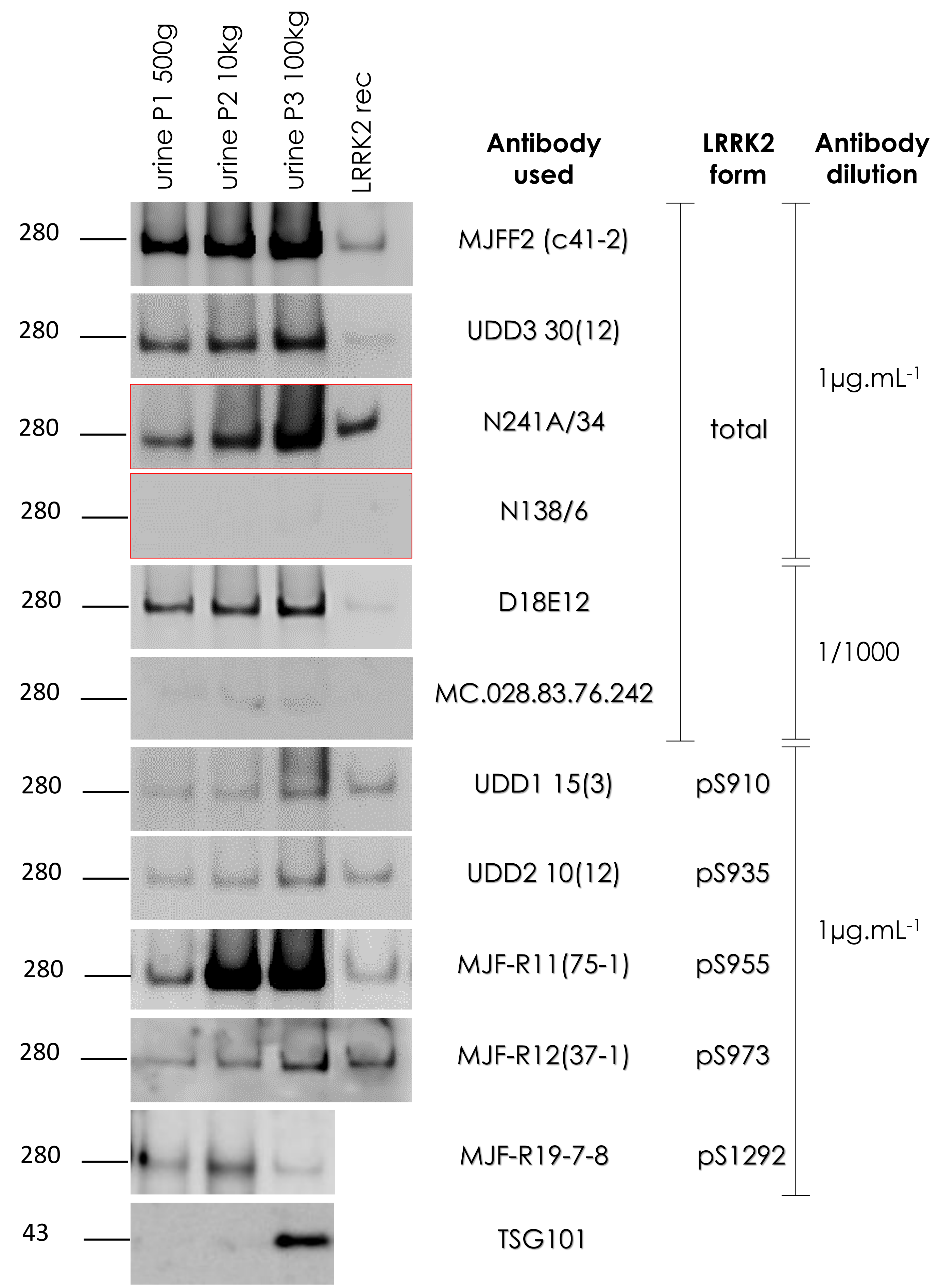


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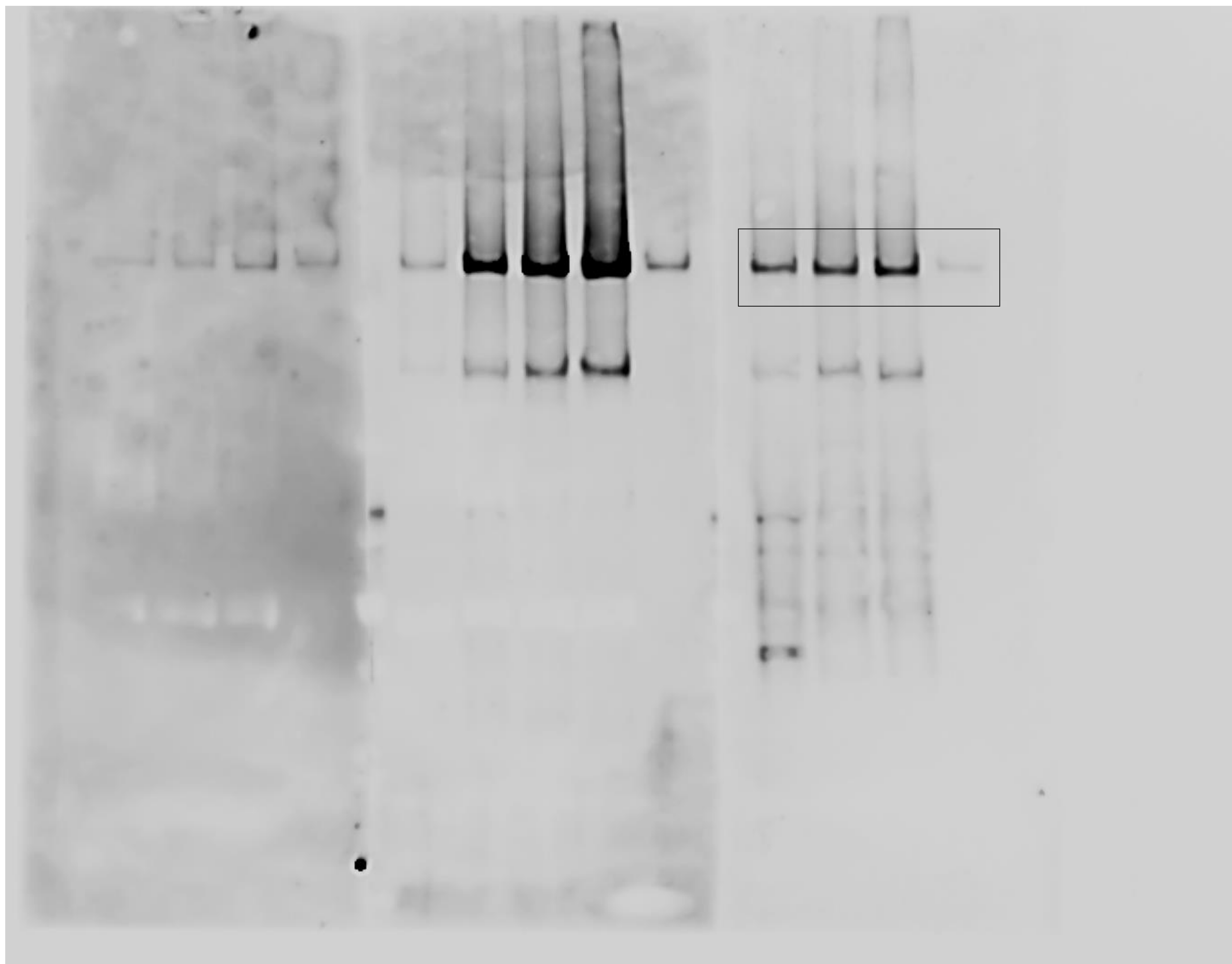
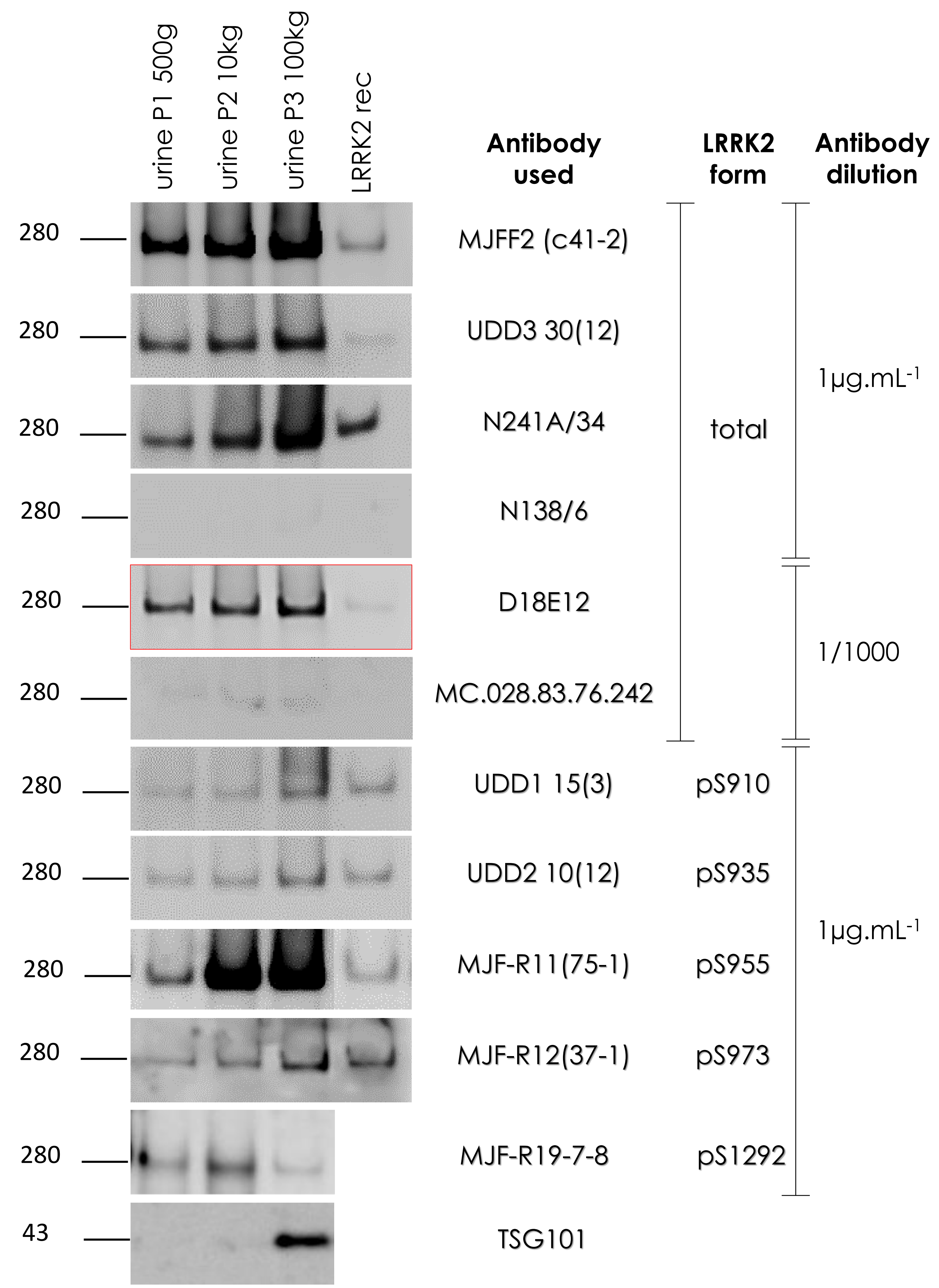


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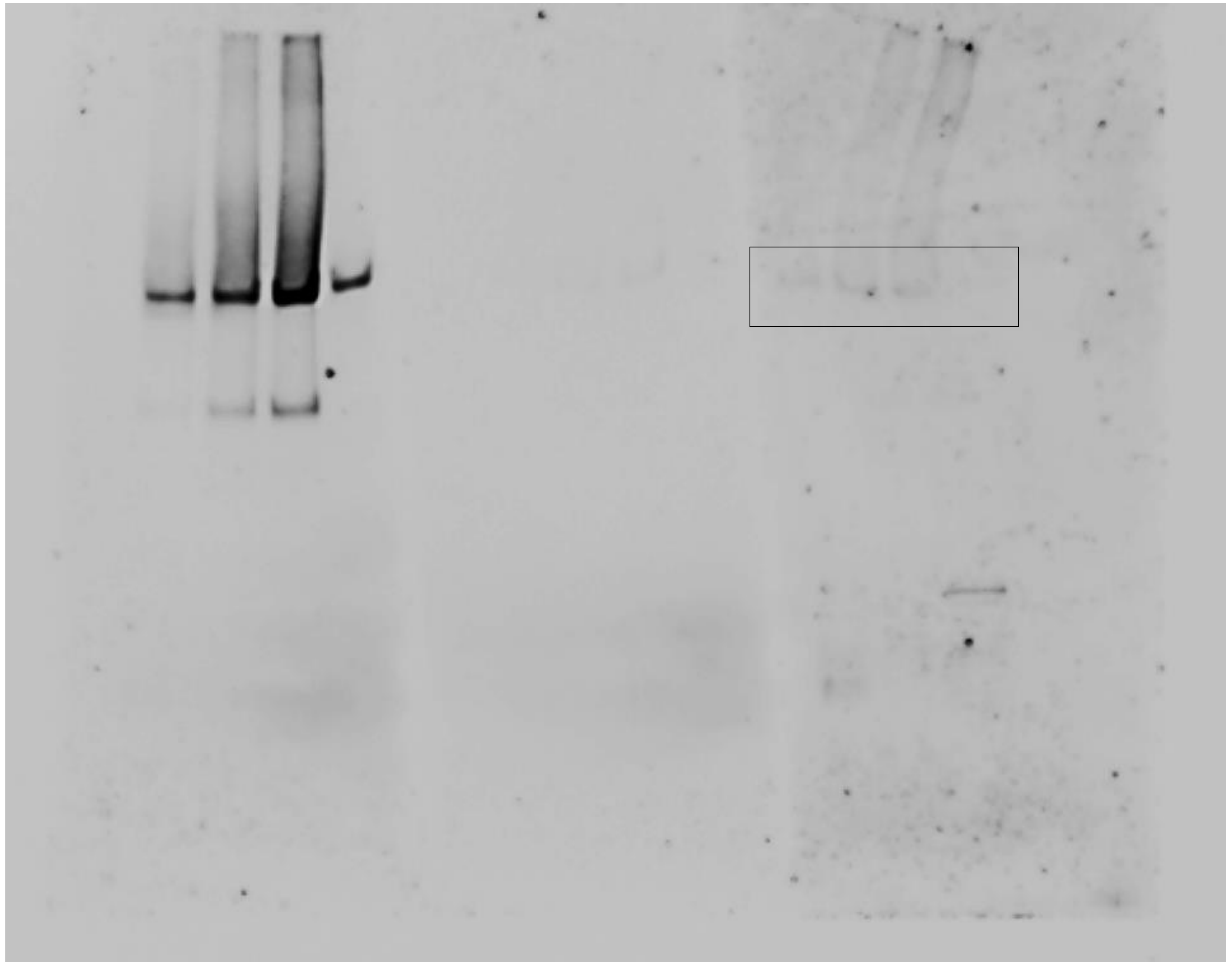
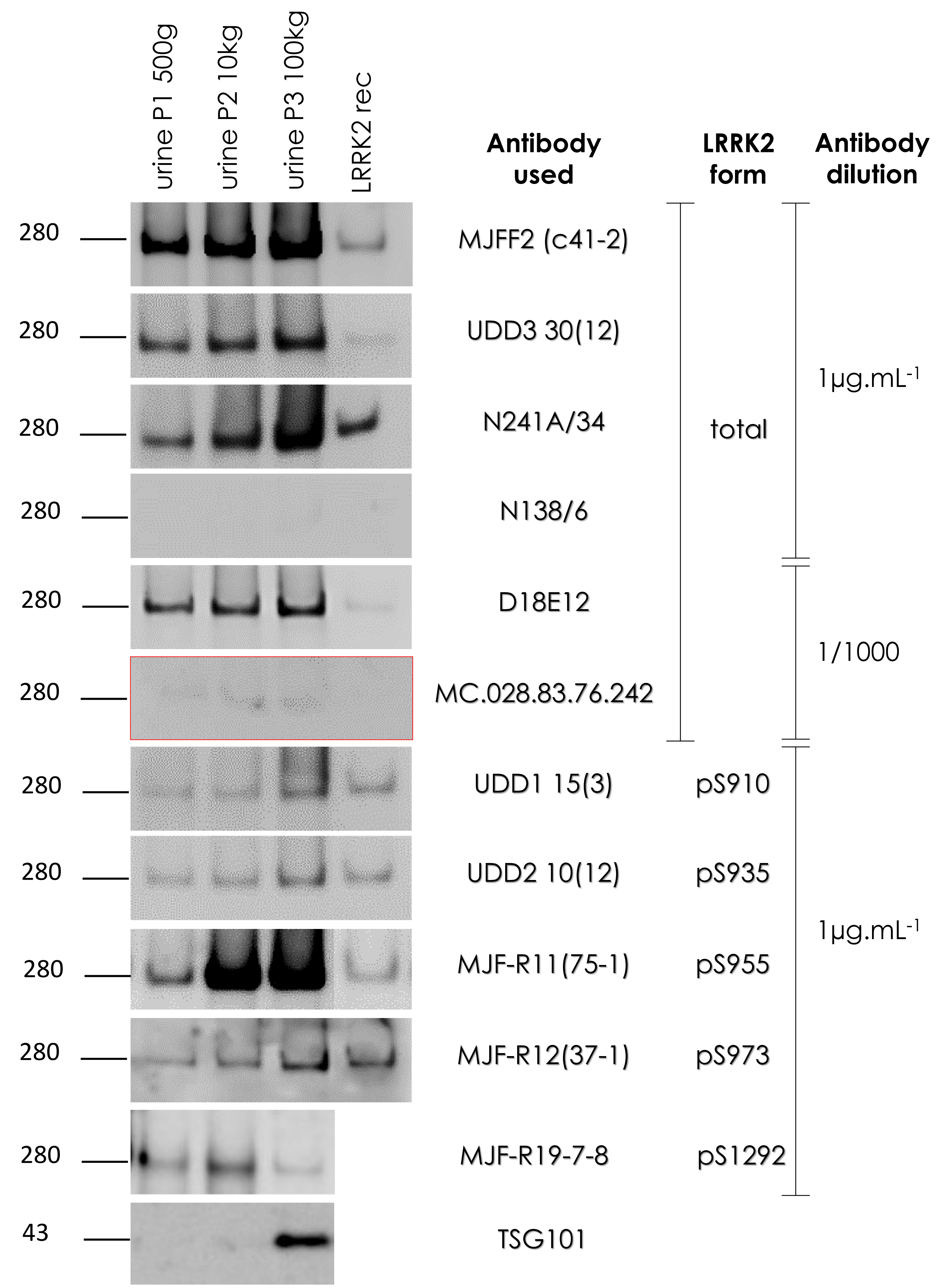


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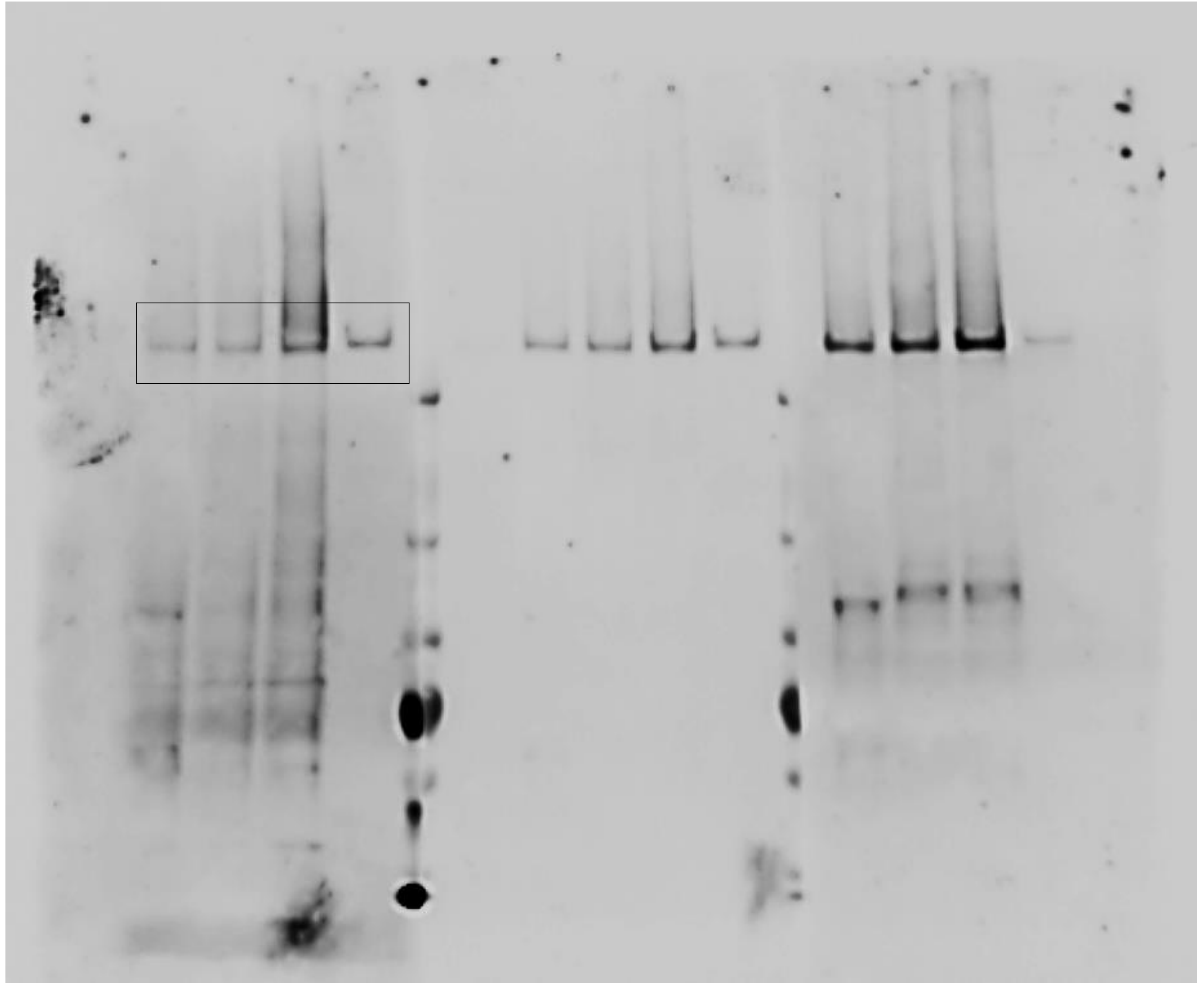
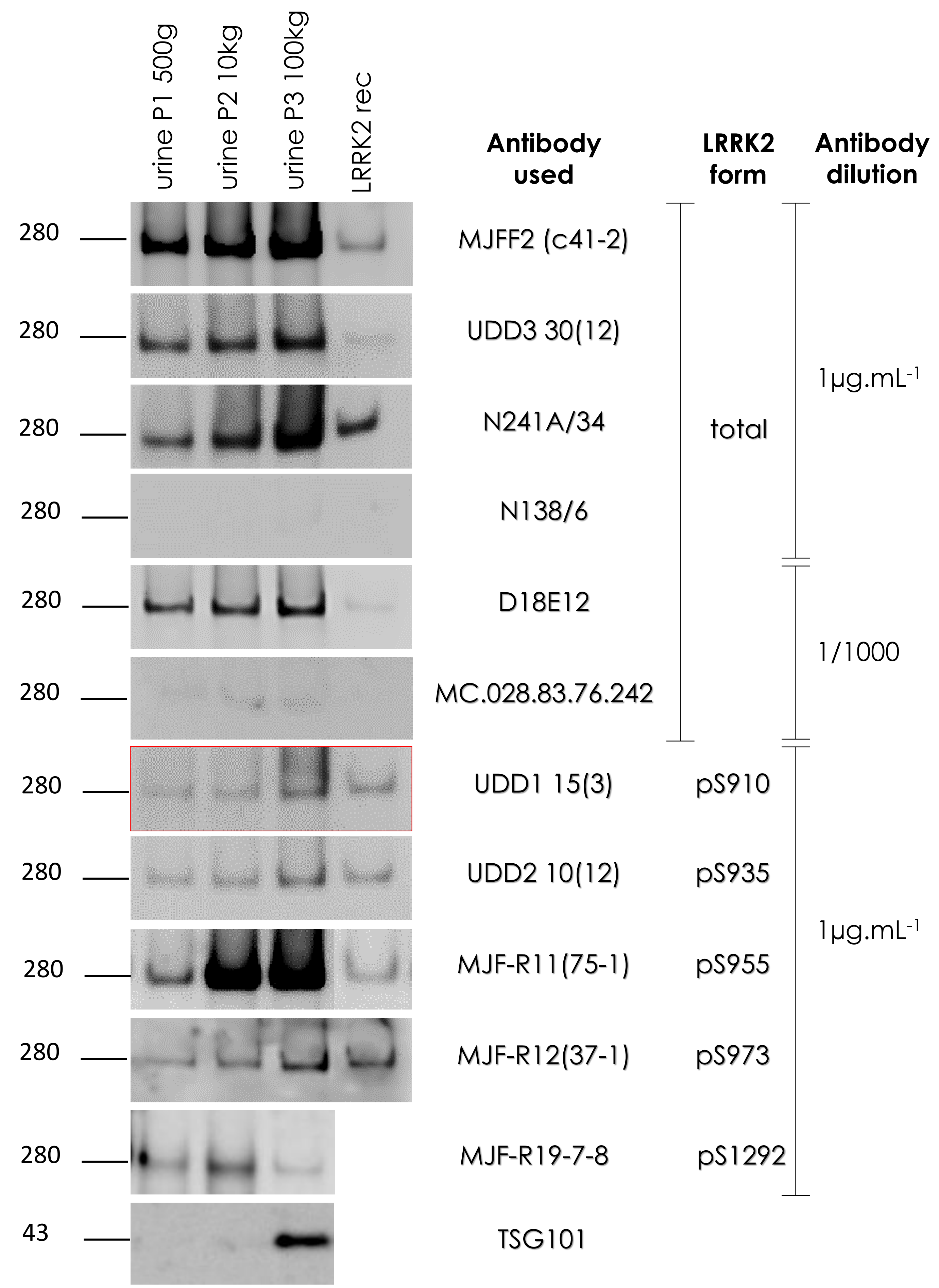


Figure 1d

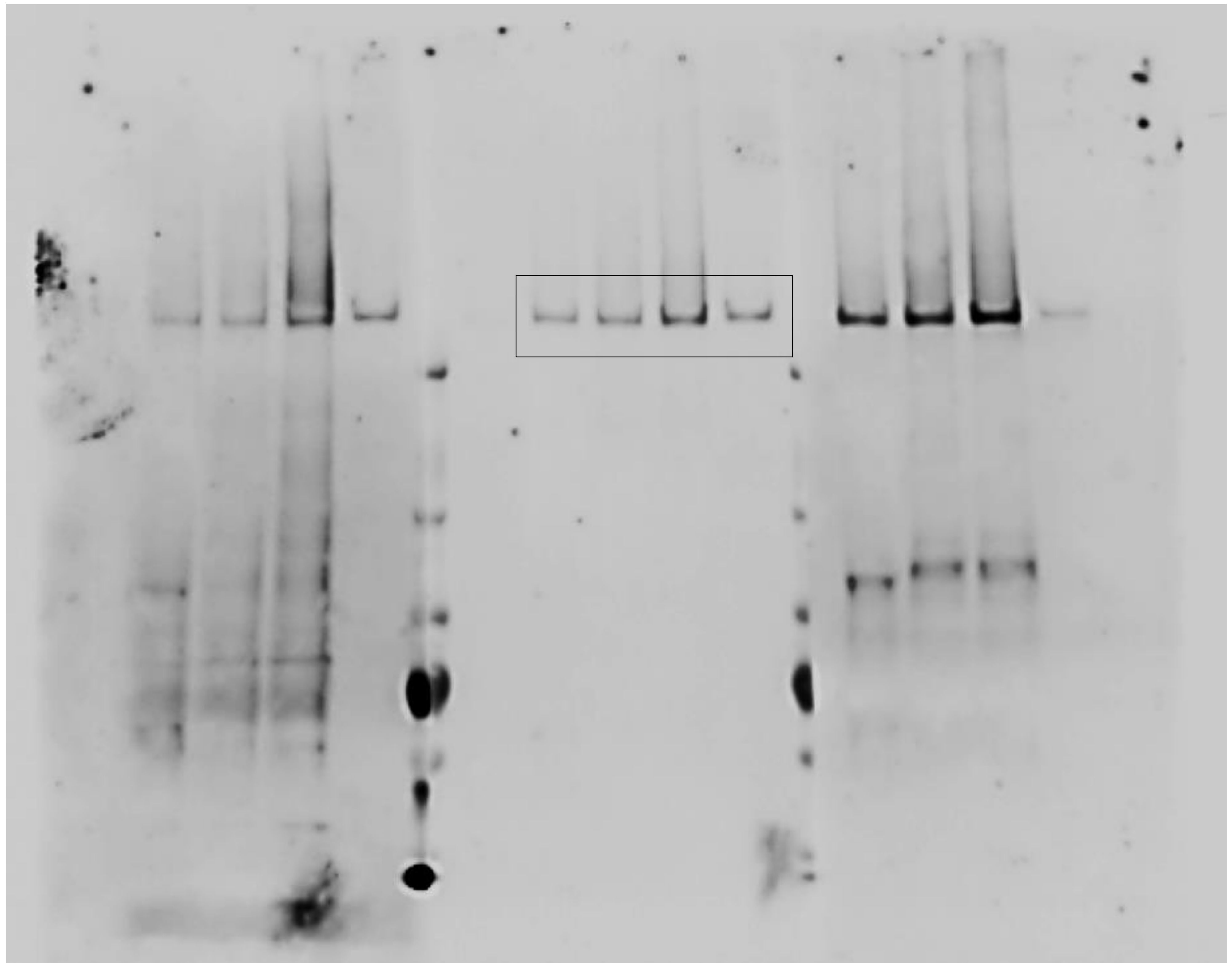
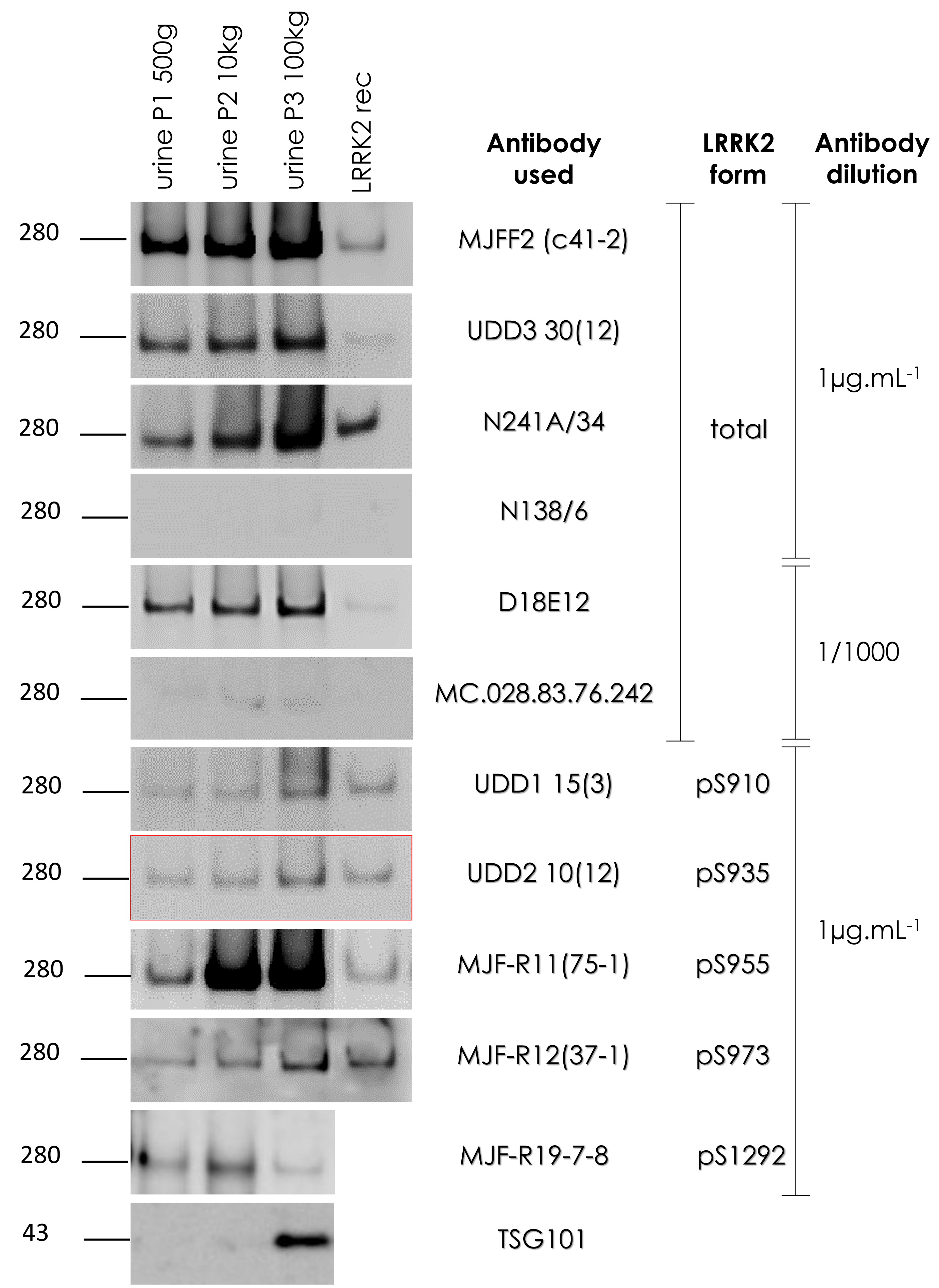


Figure 1d

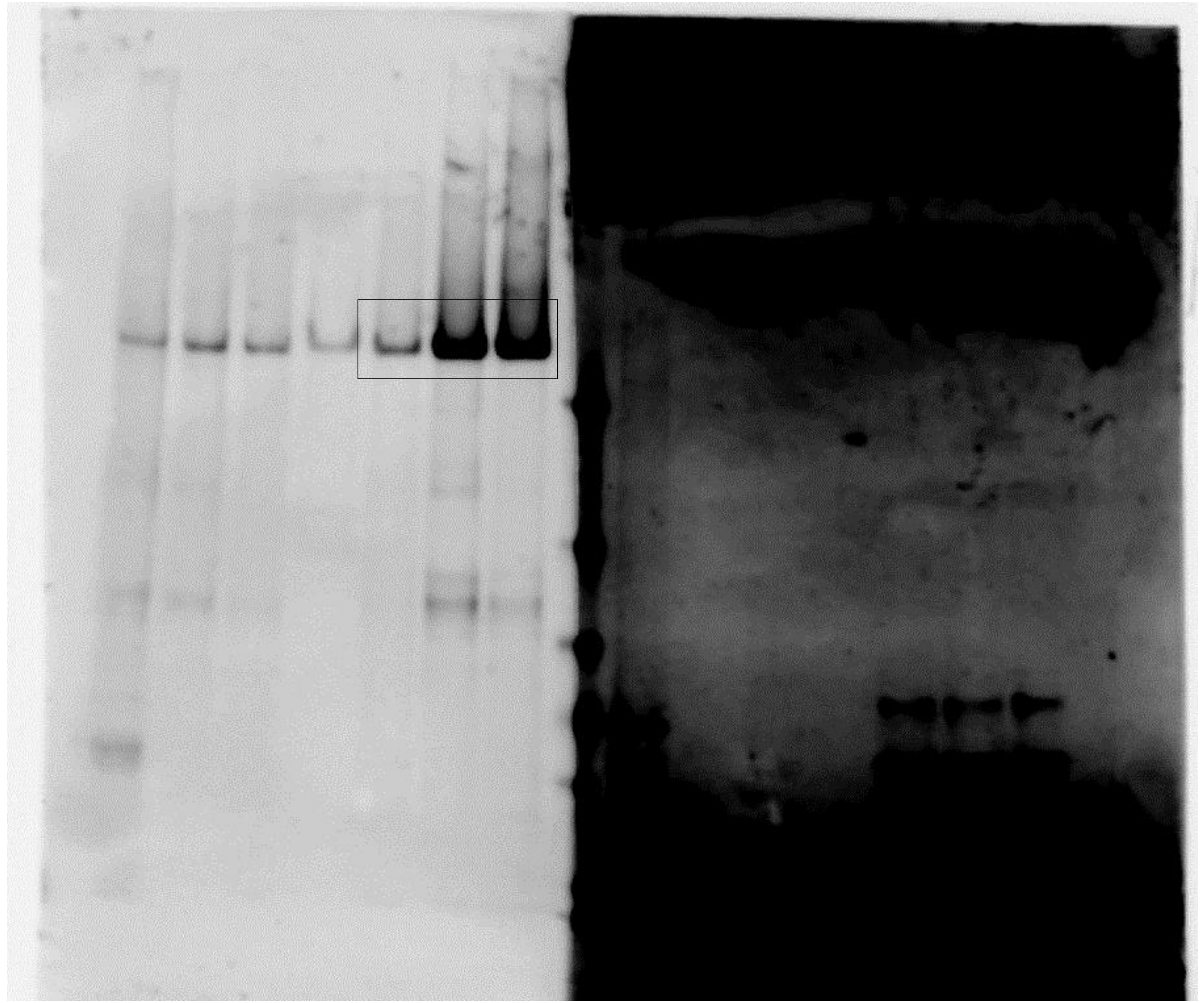
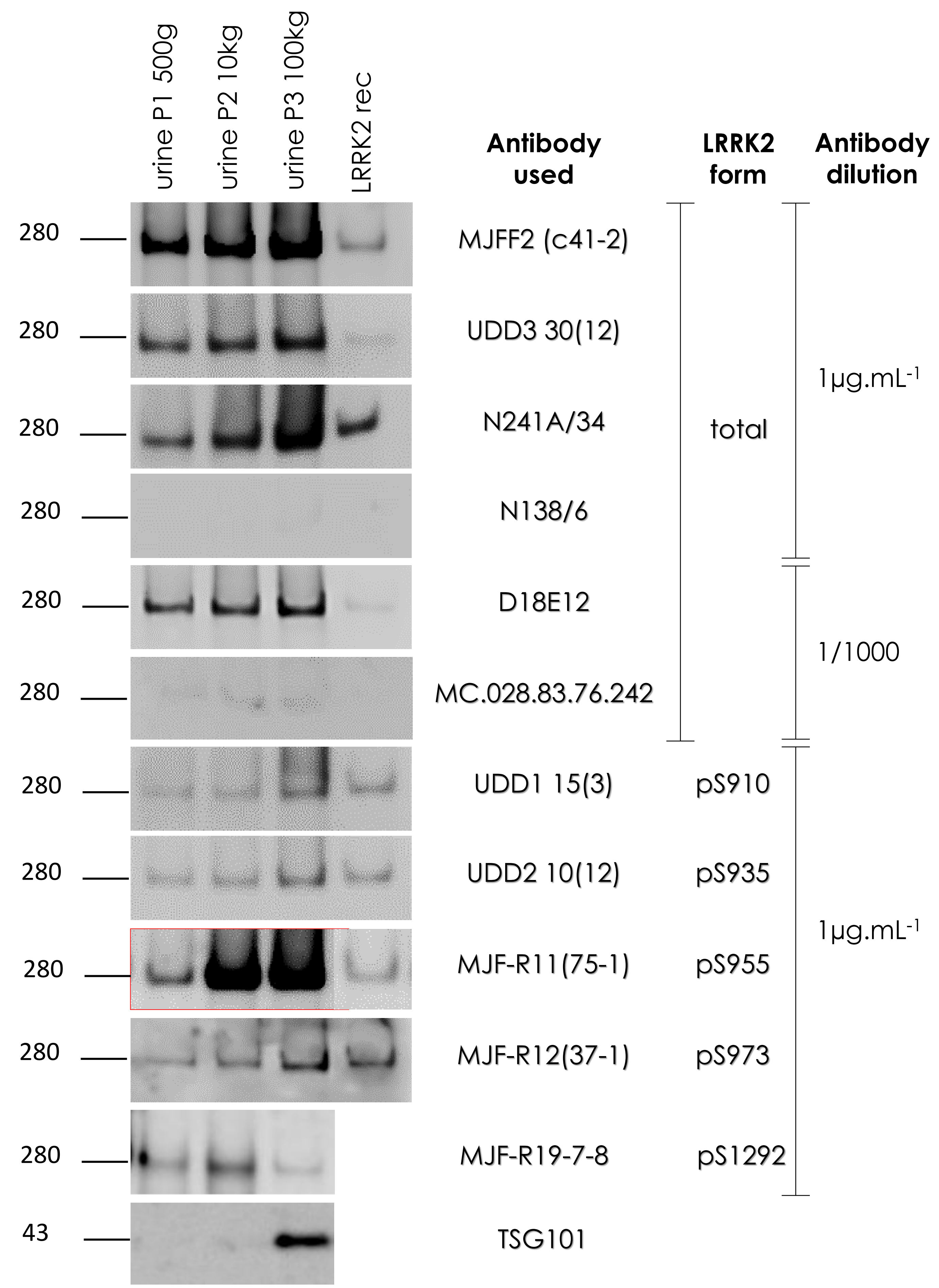


Figure 1d

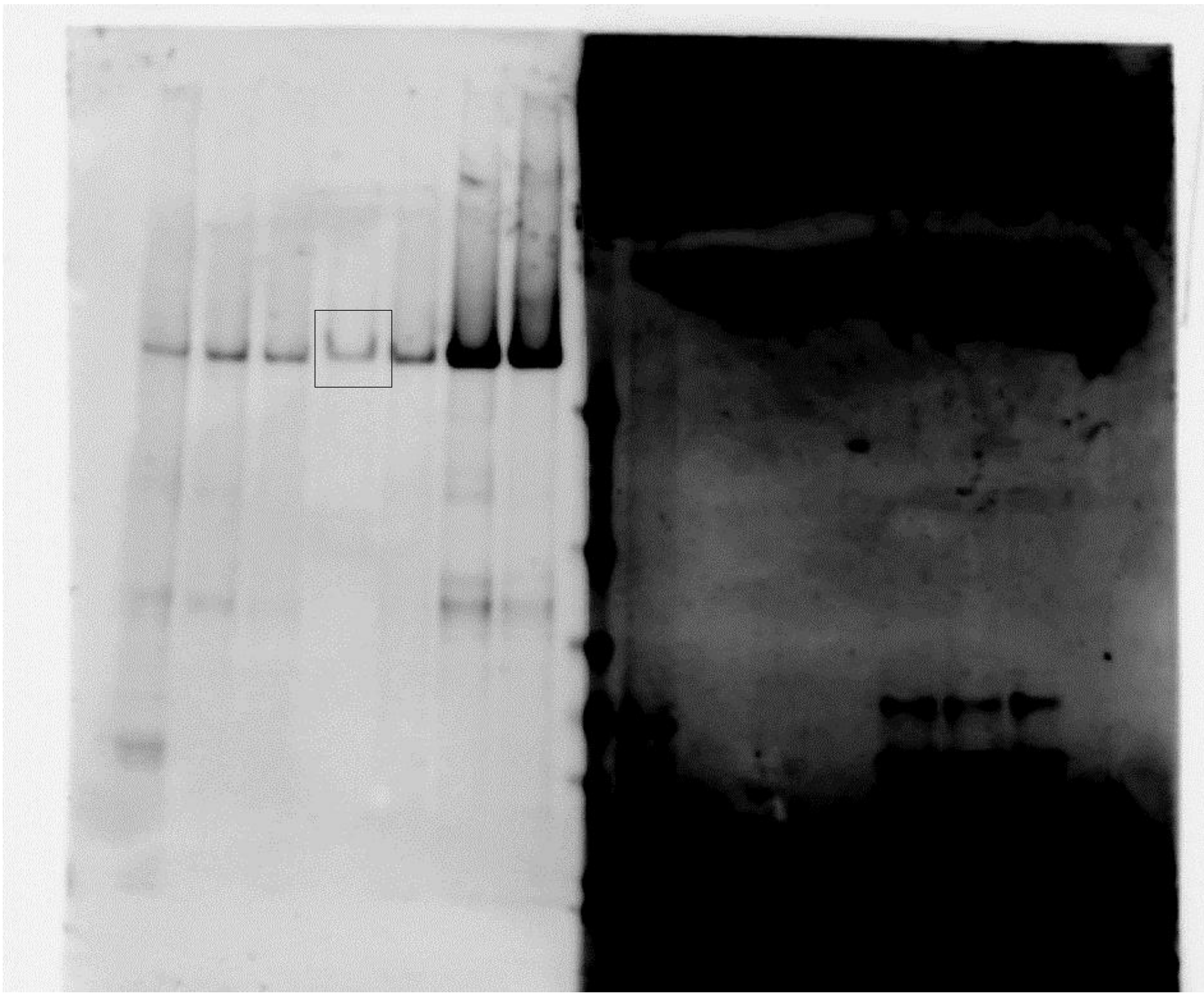
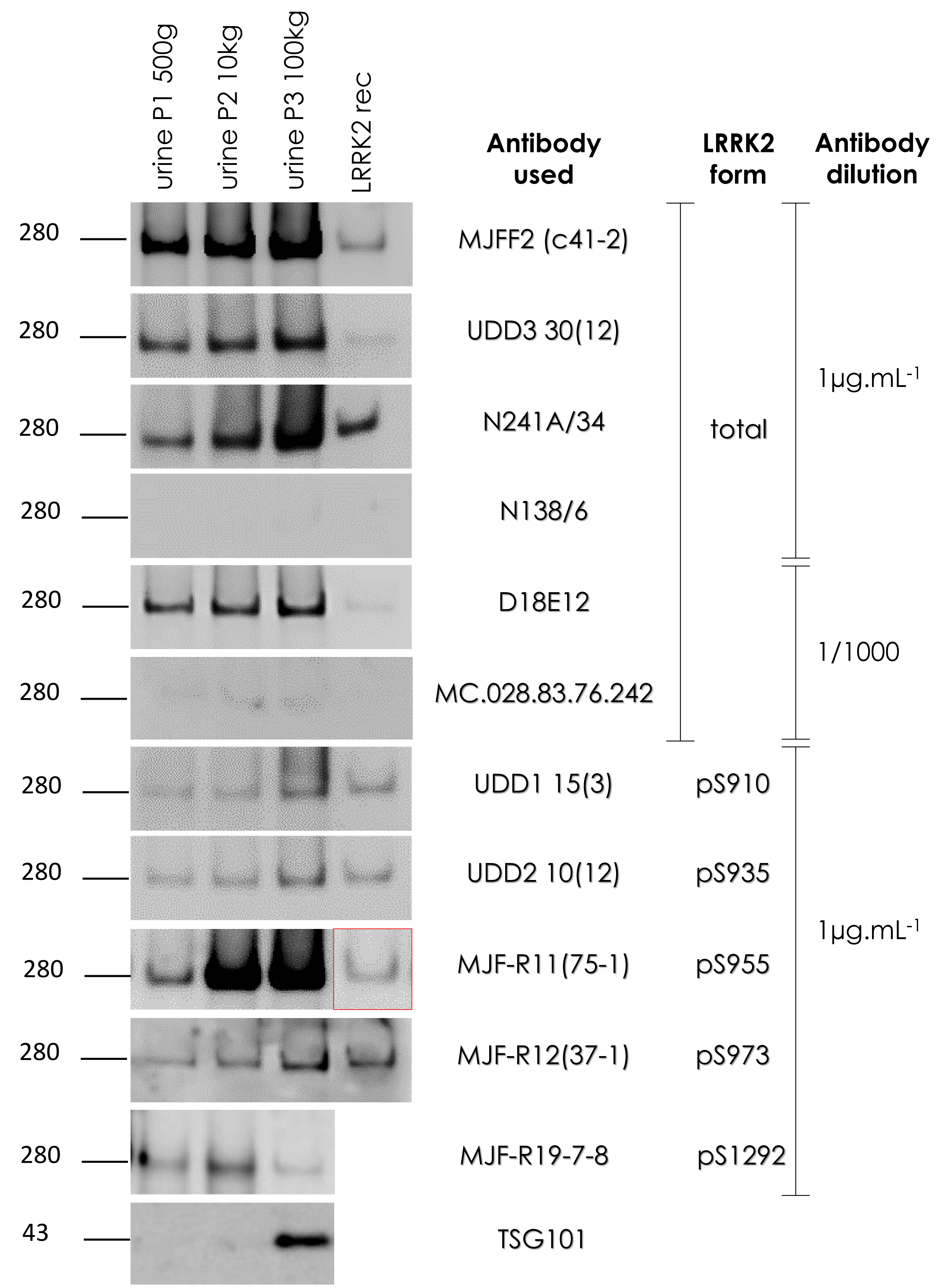


Figure 1d

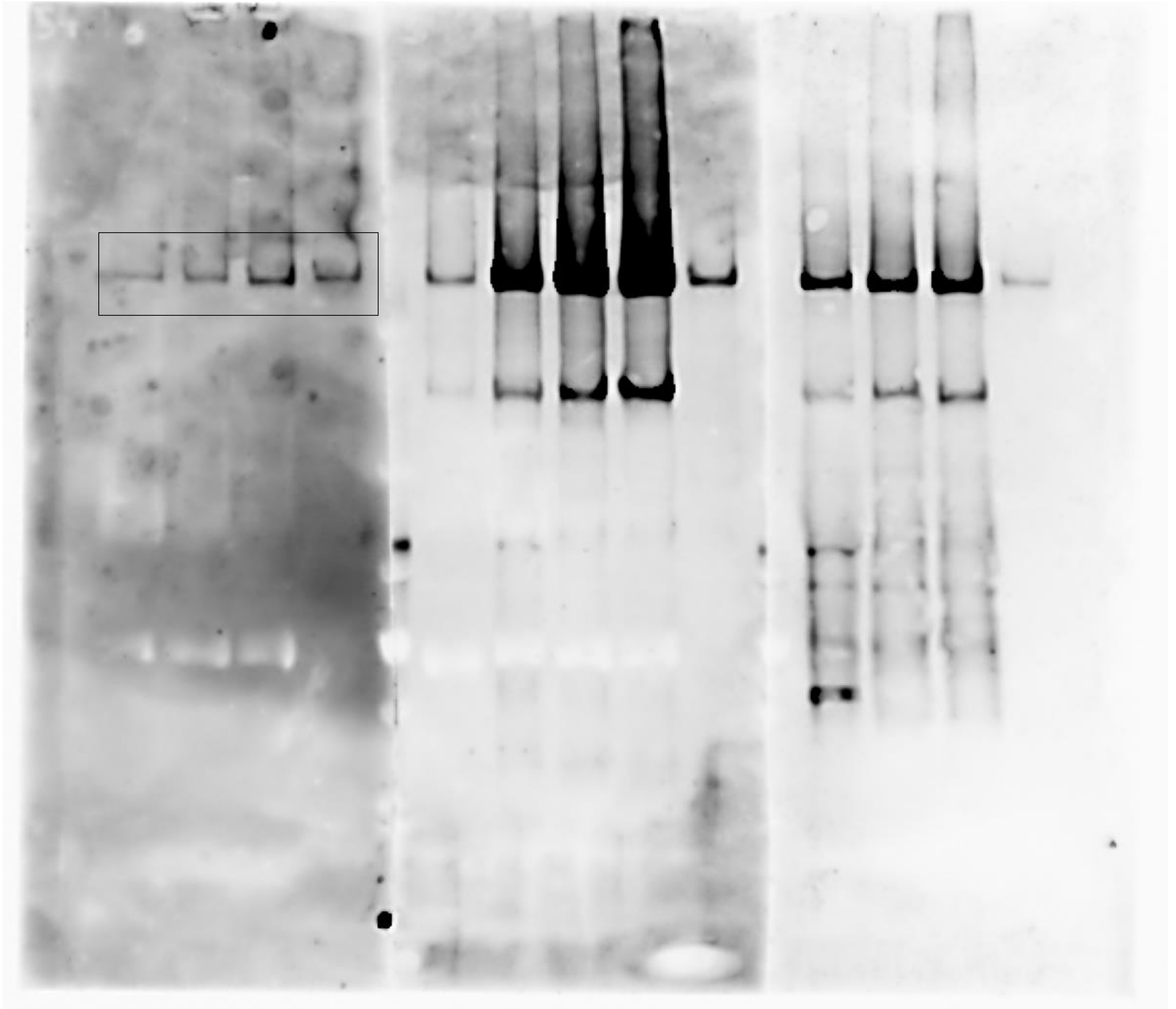
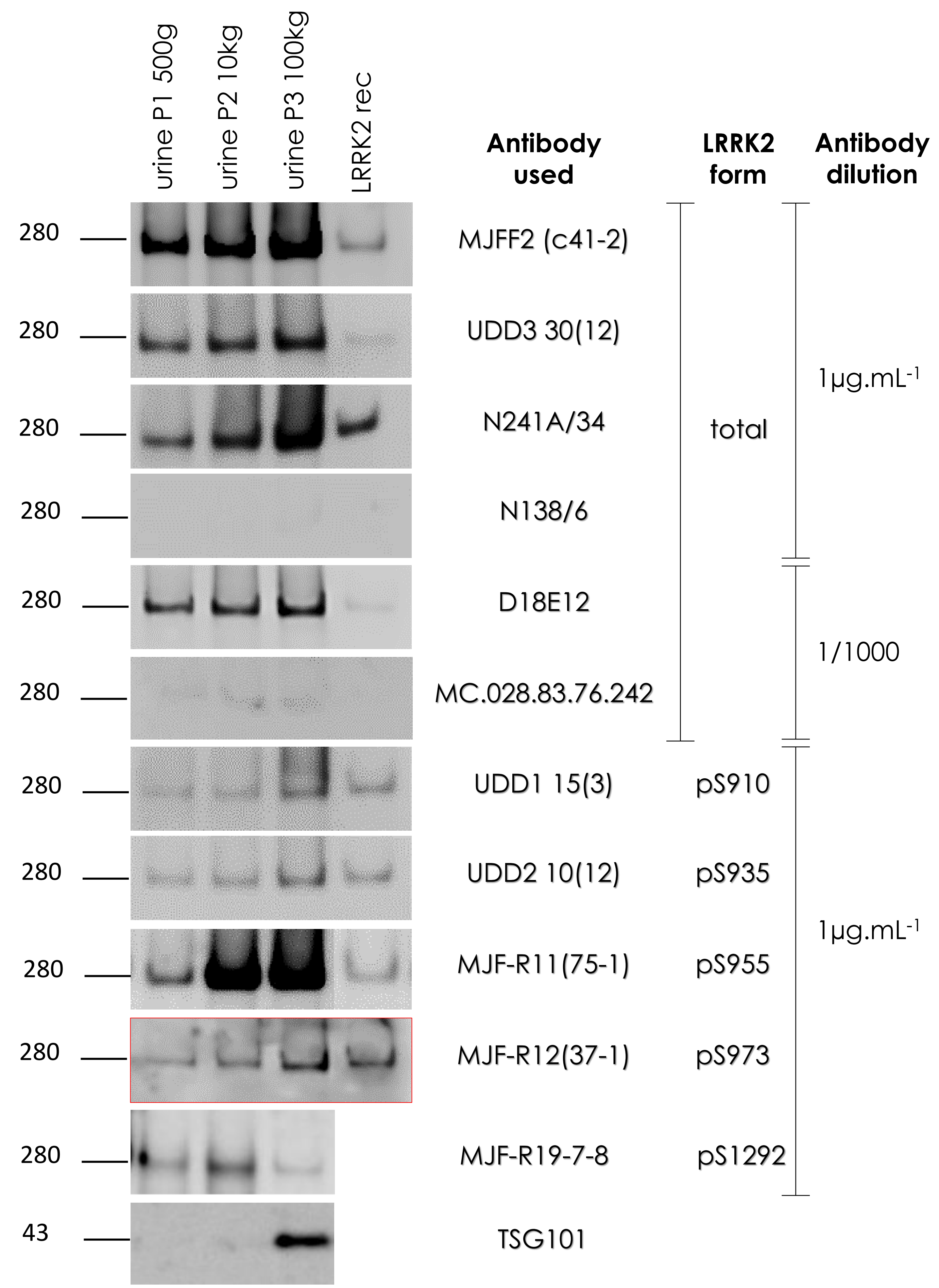


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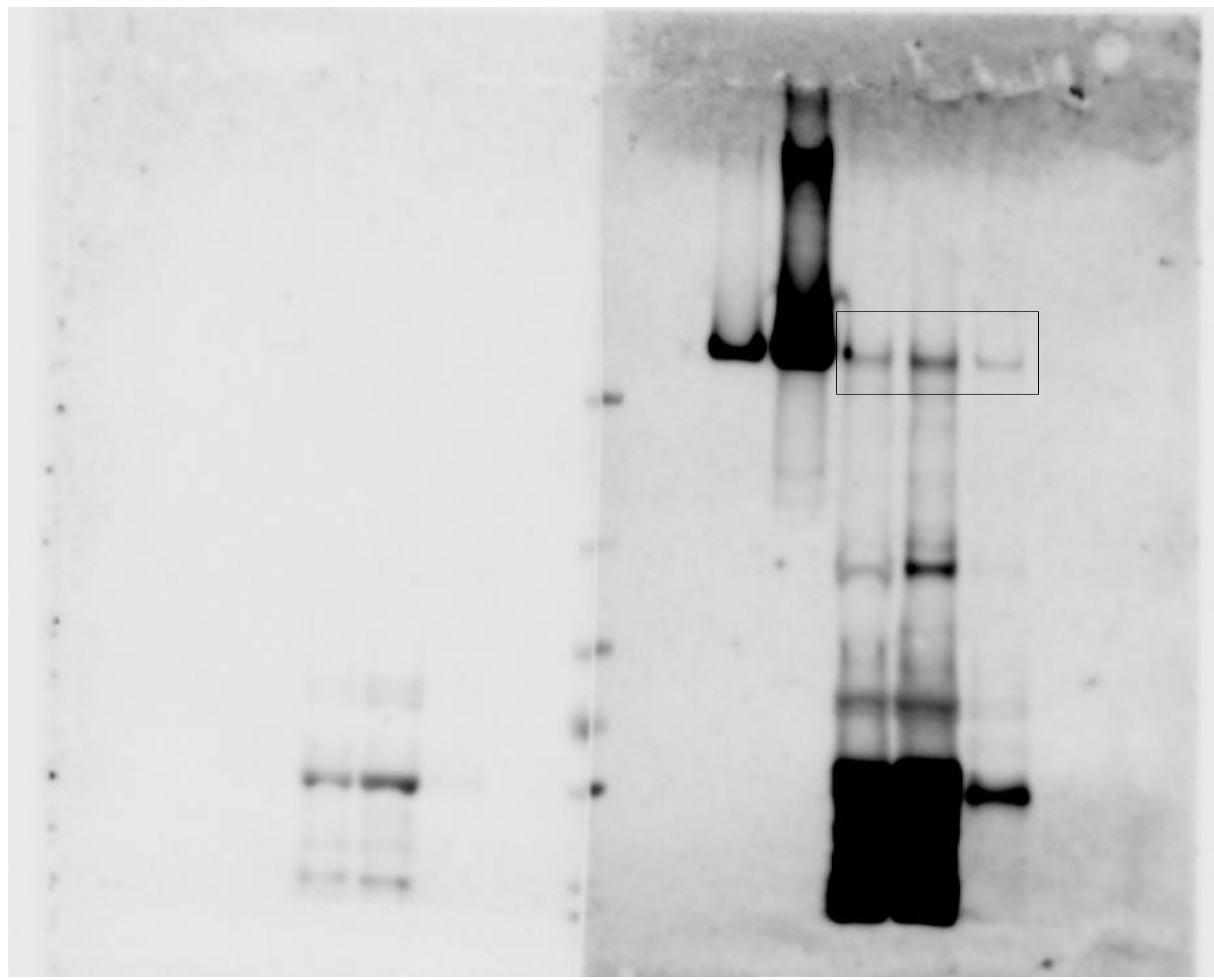
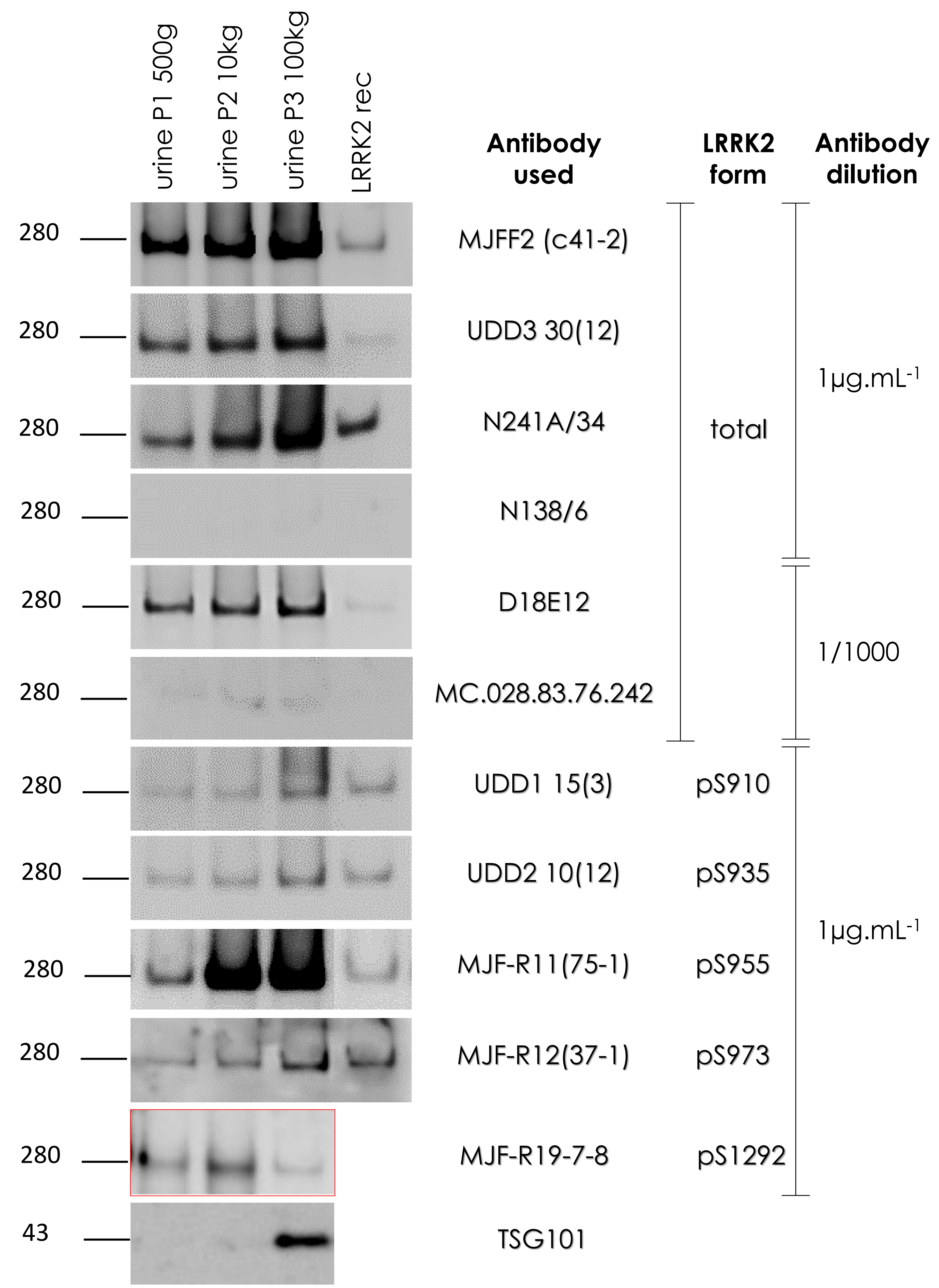


Figure 1d

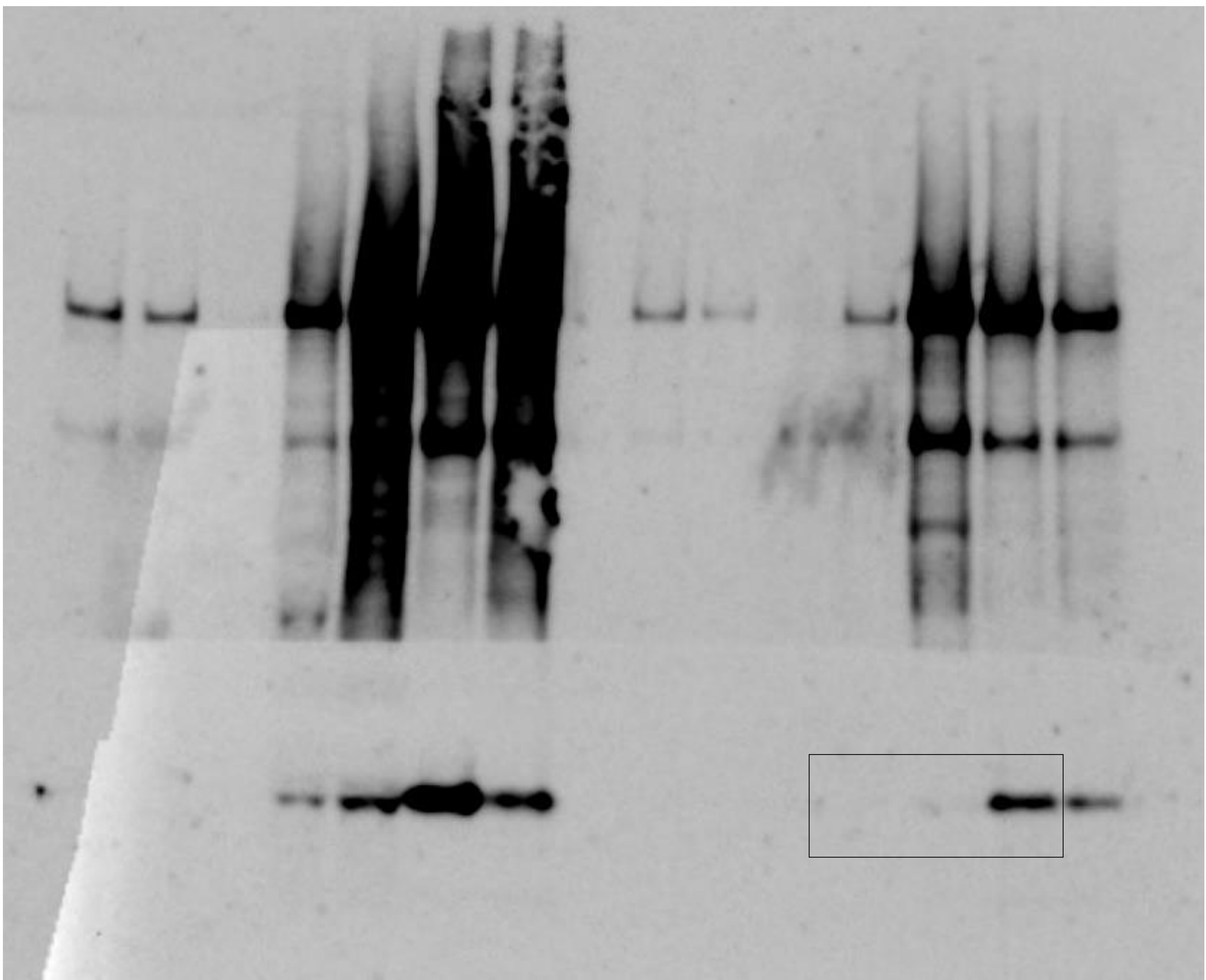
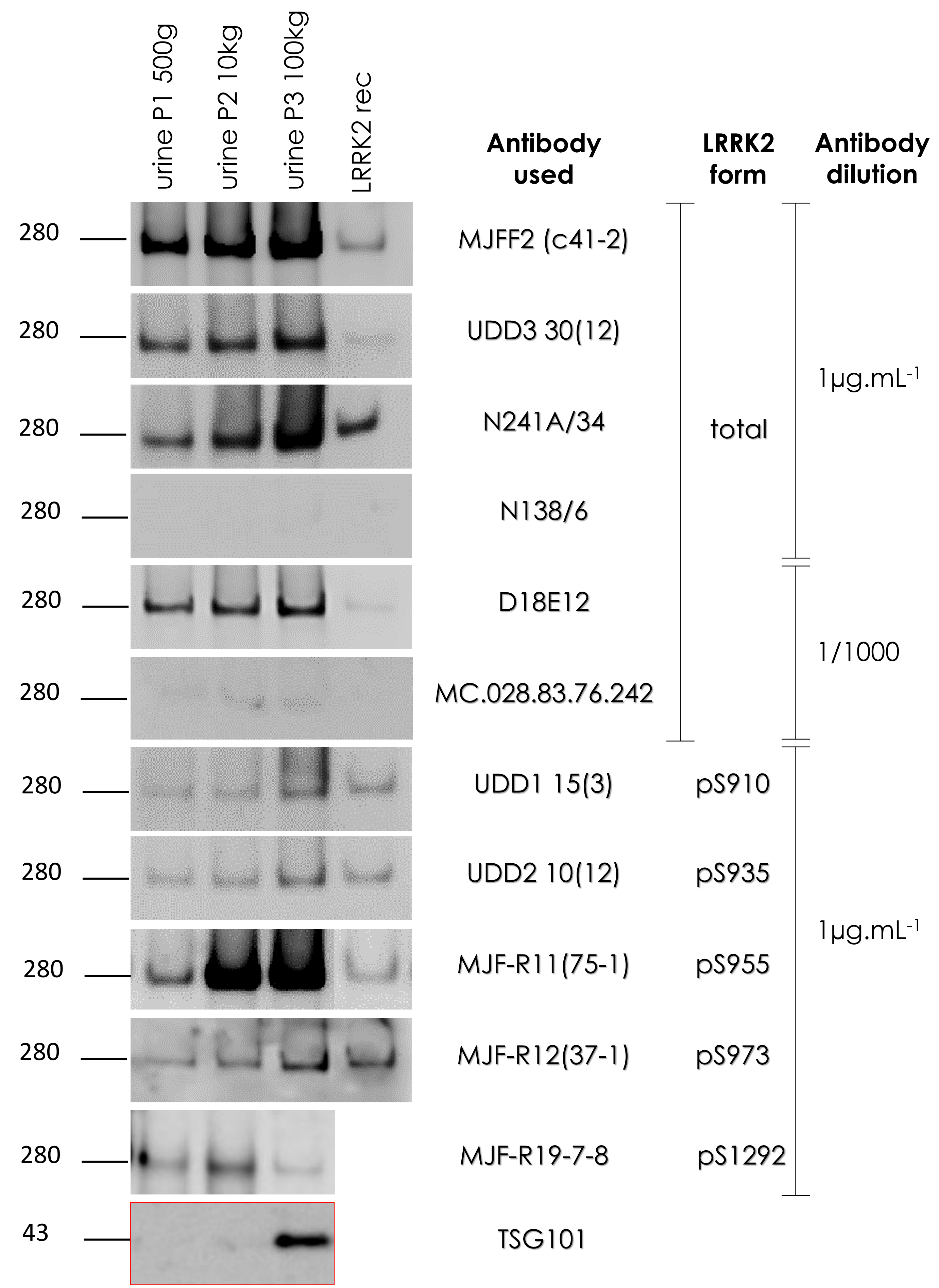


Figure 5a

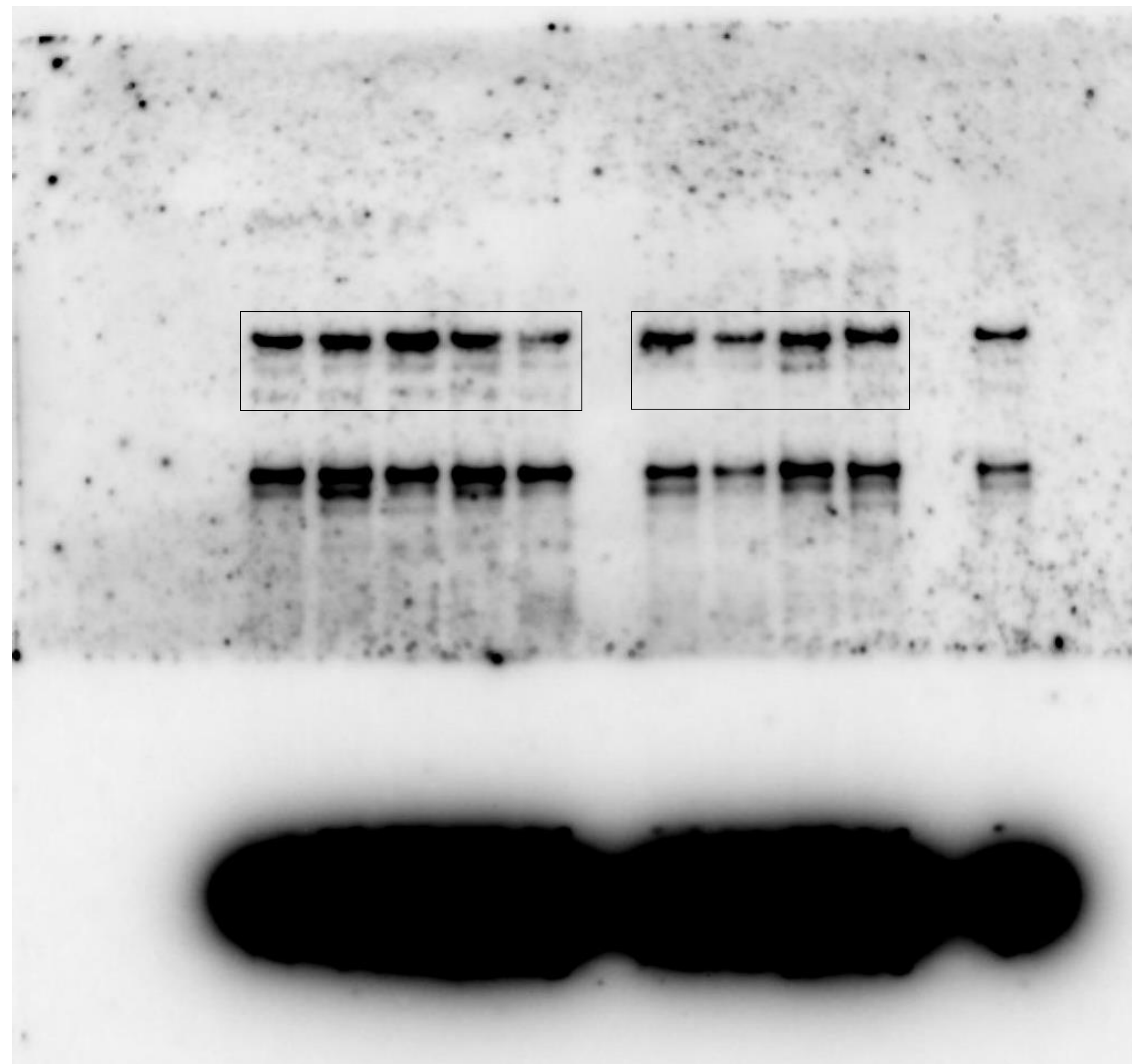
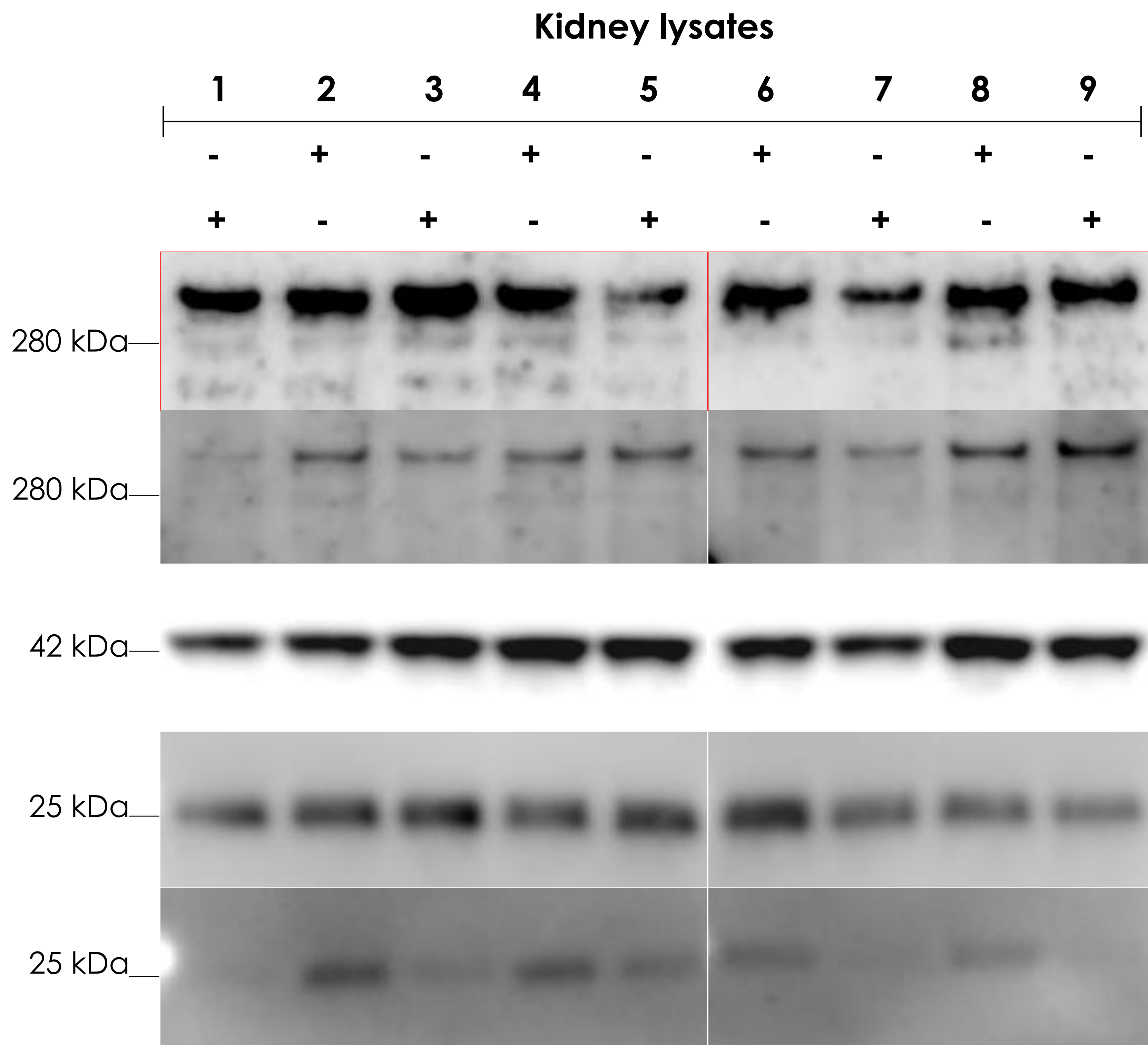


Figure 5a

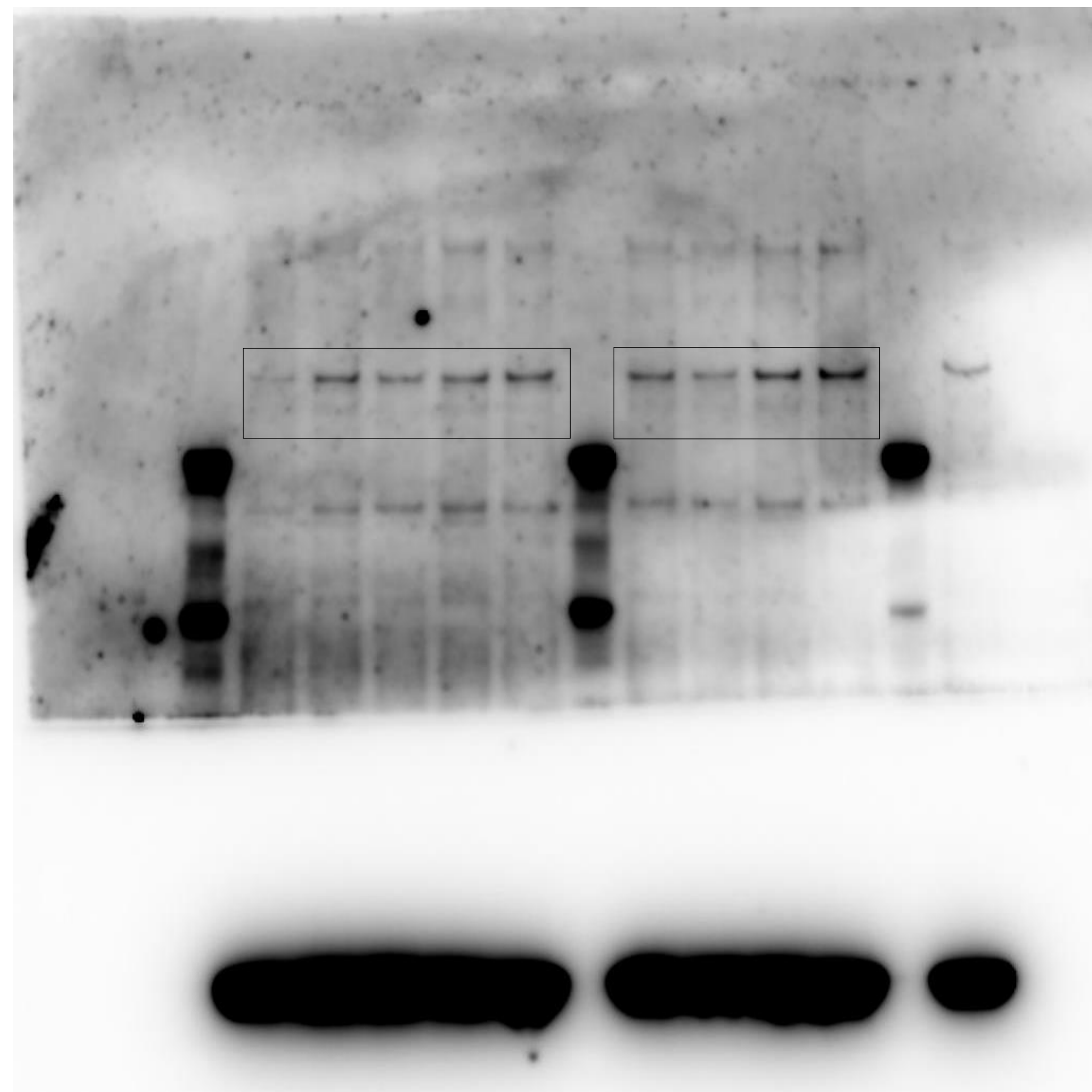
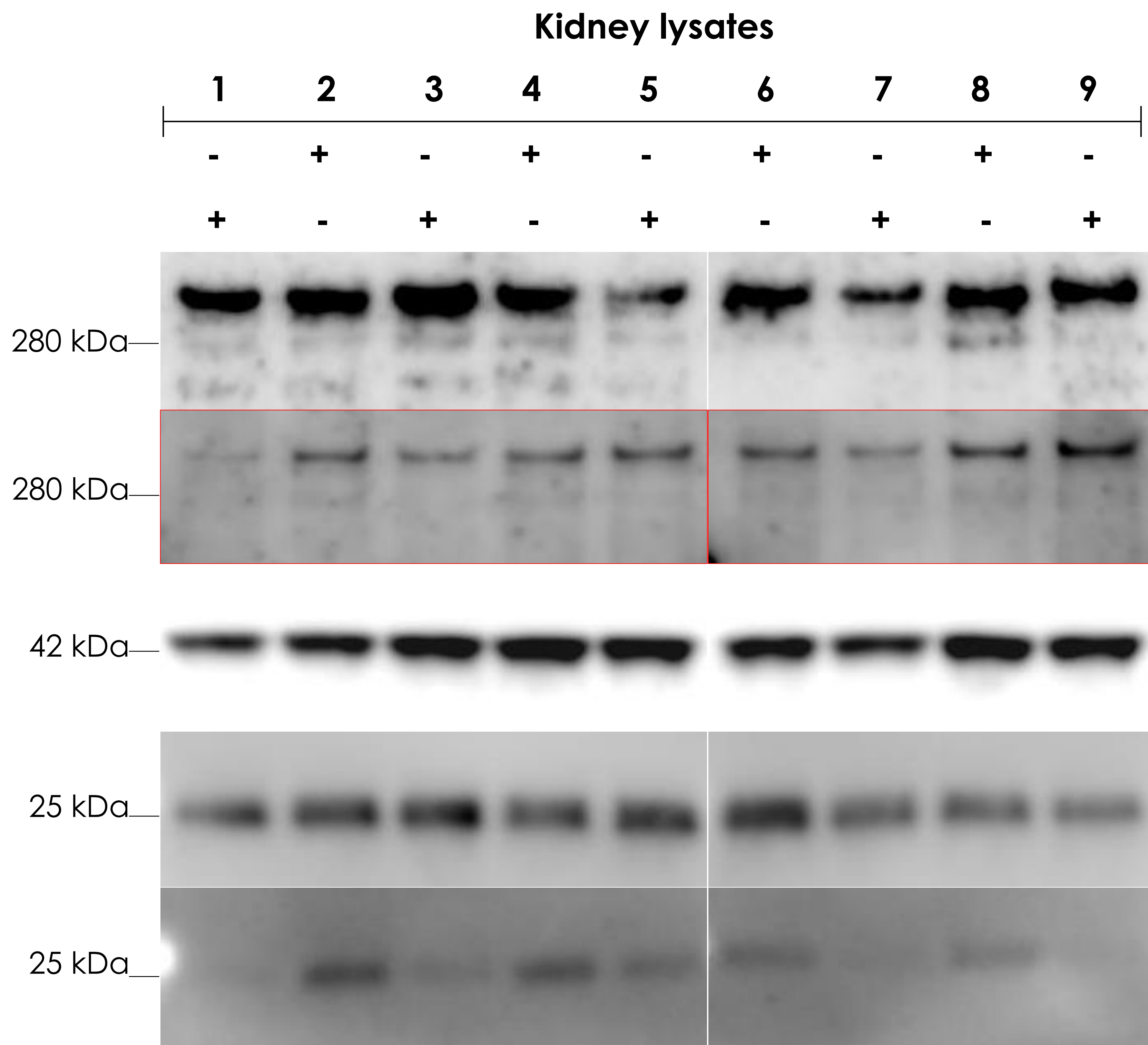


Figure 5a

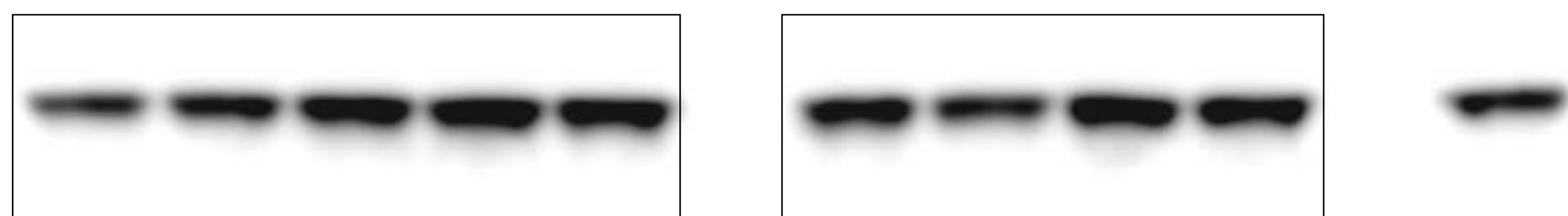
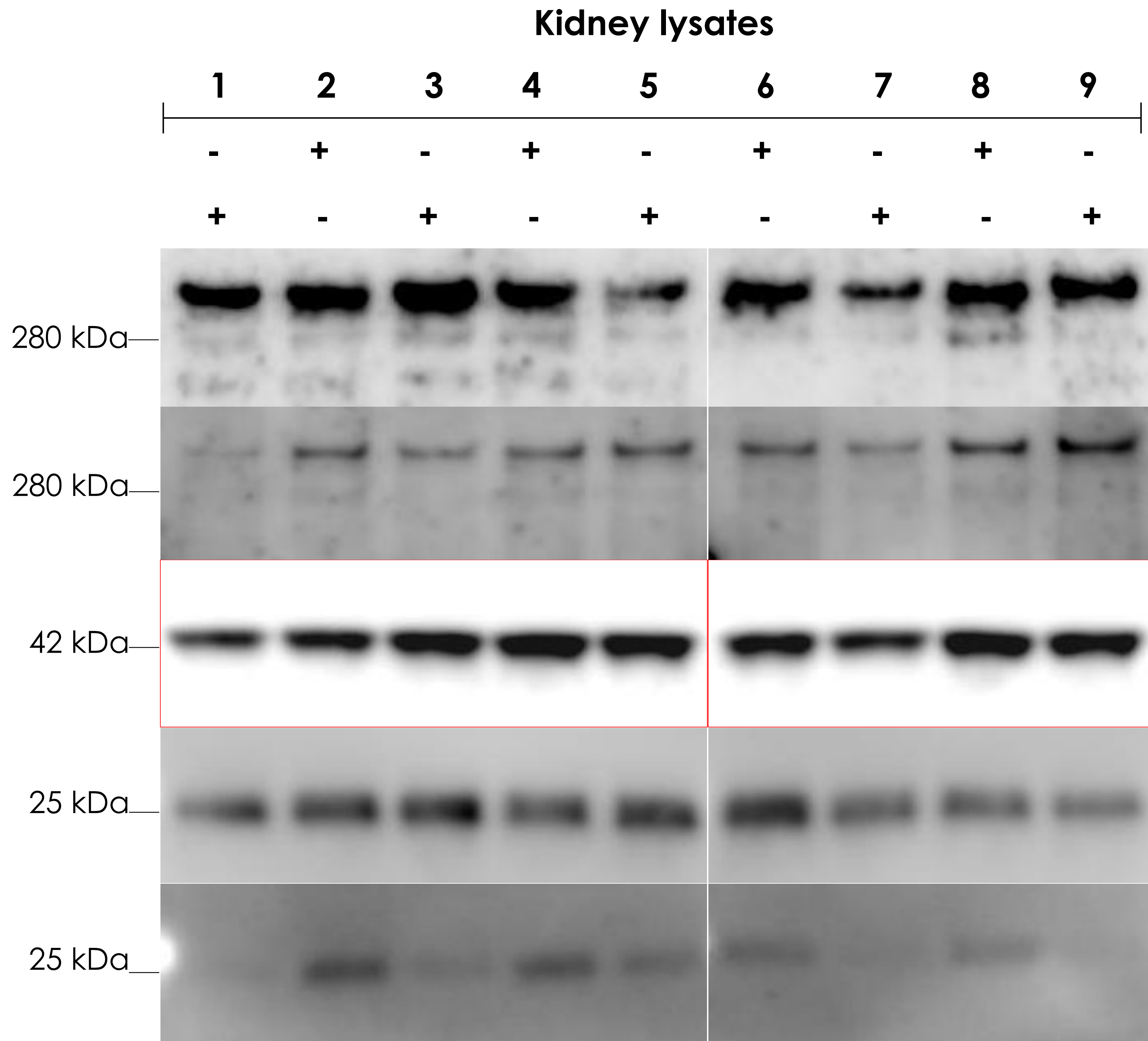


Figure 5a

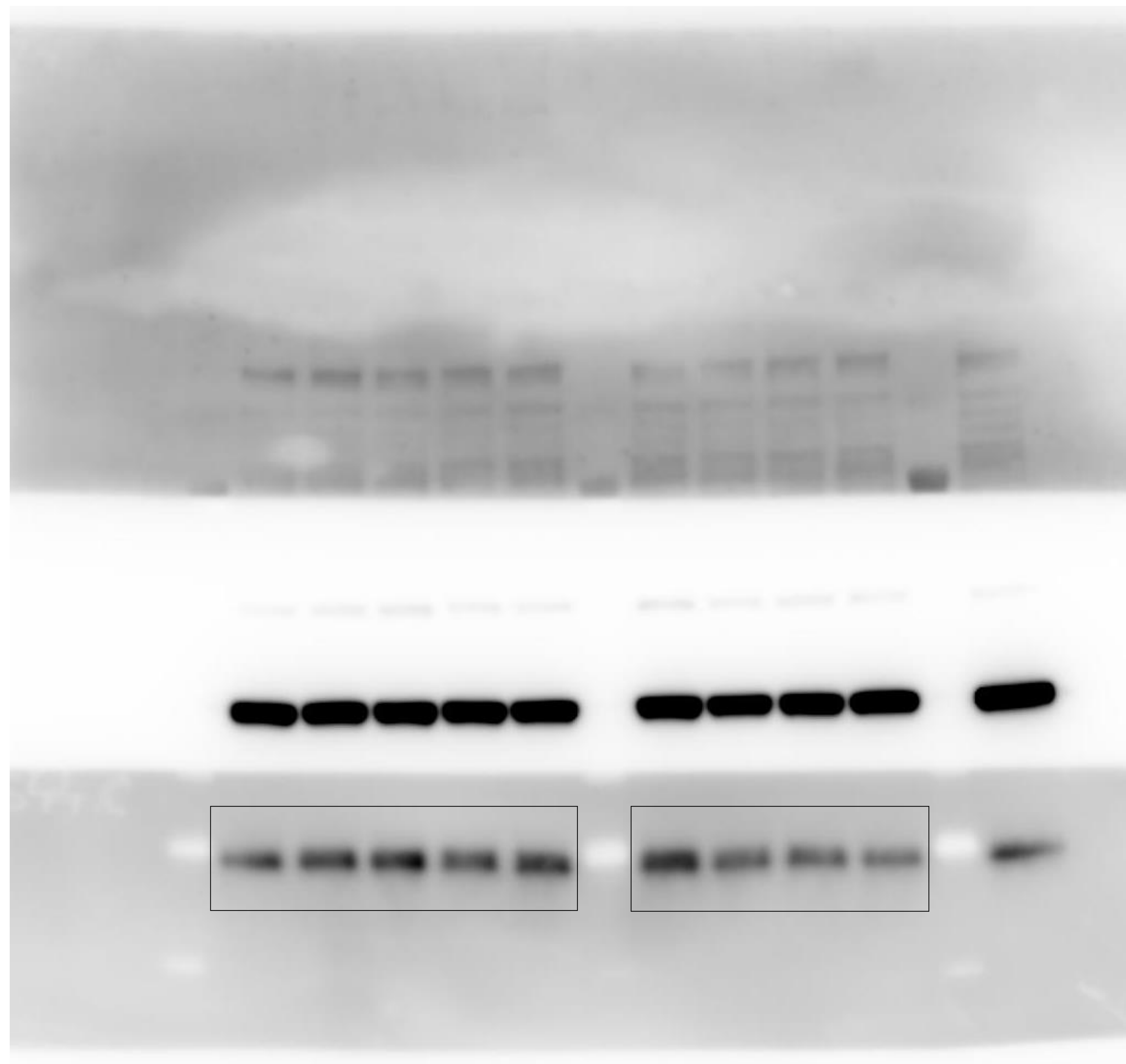
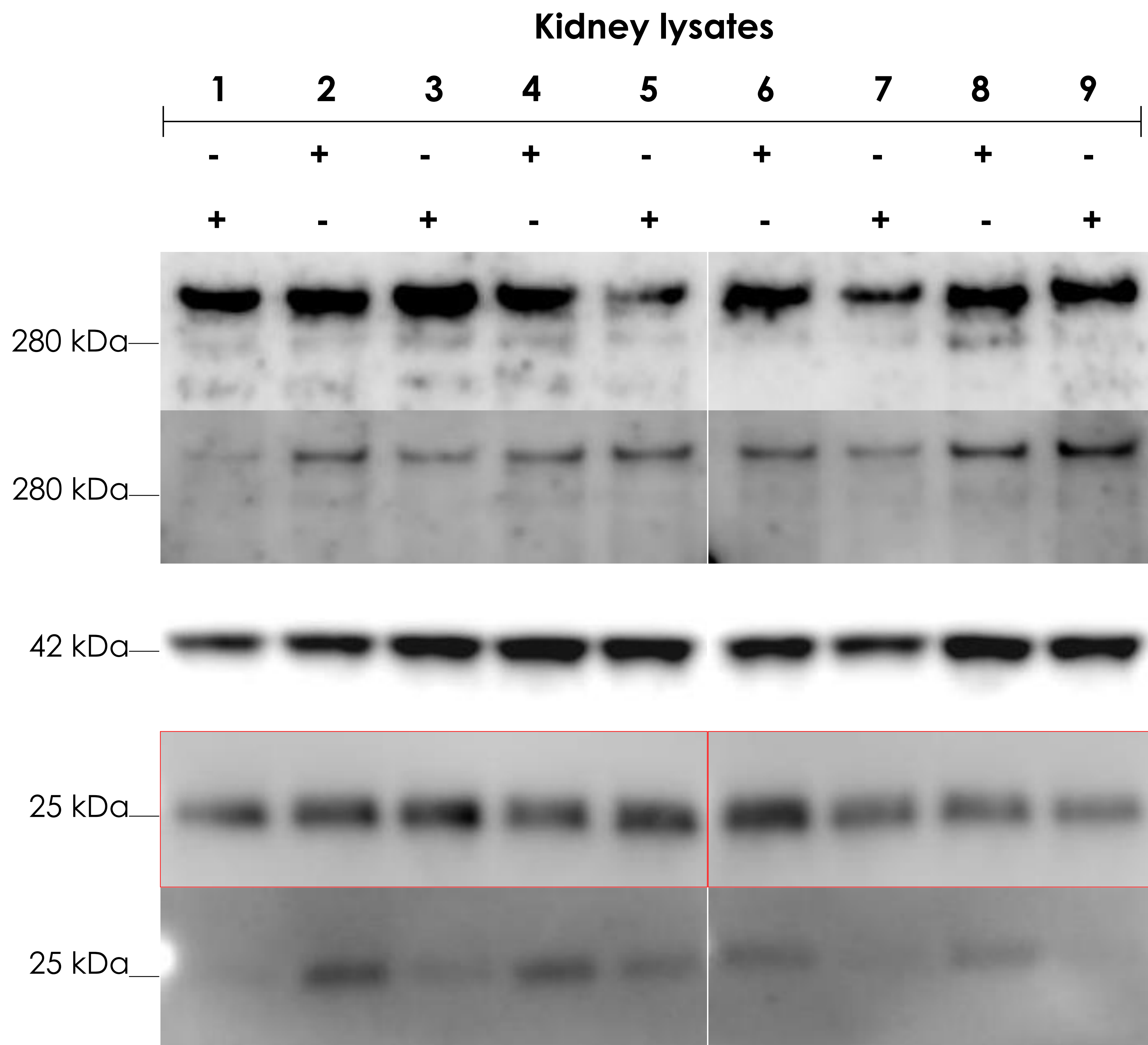


Figure 5a

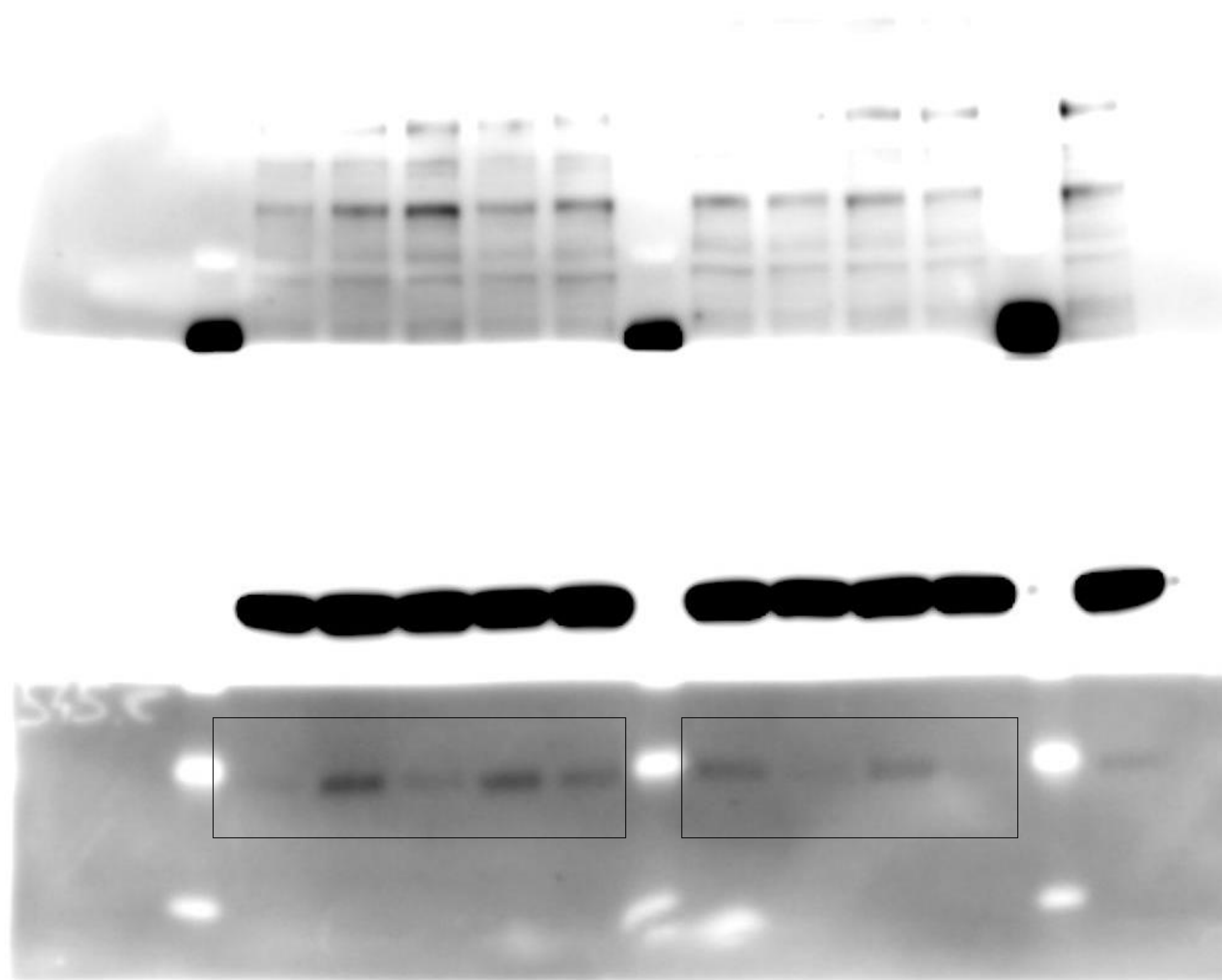
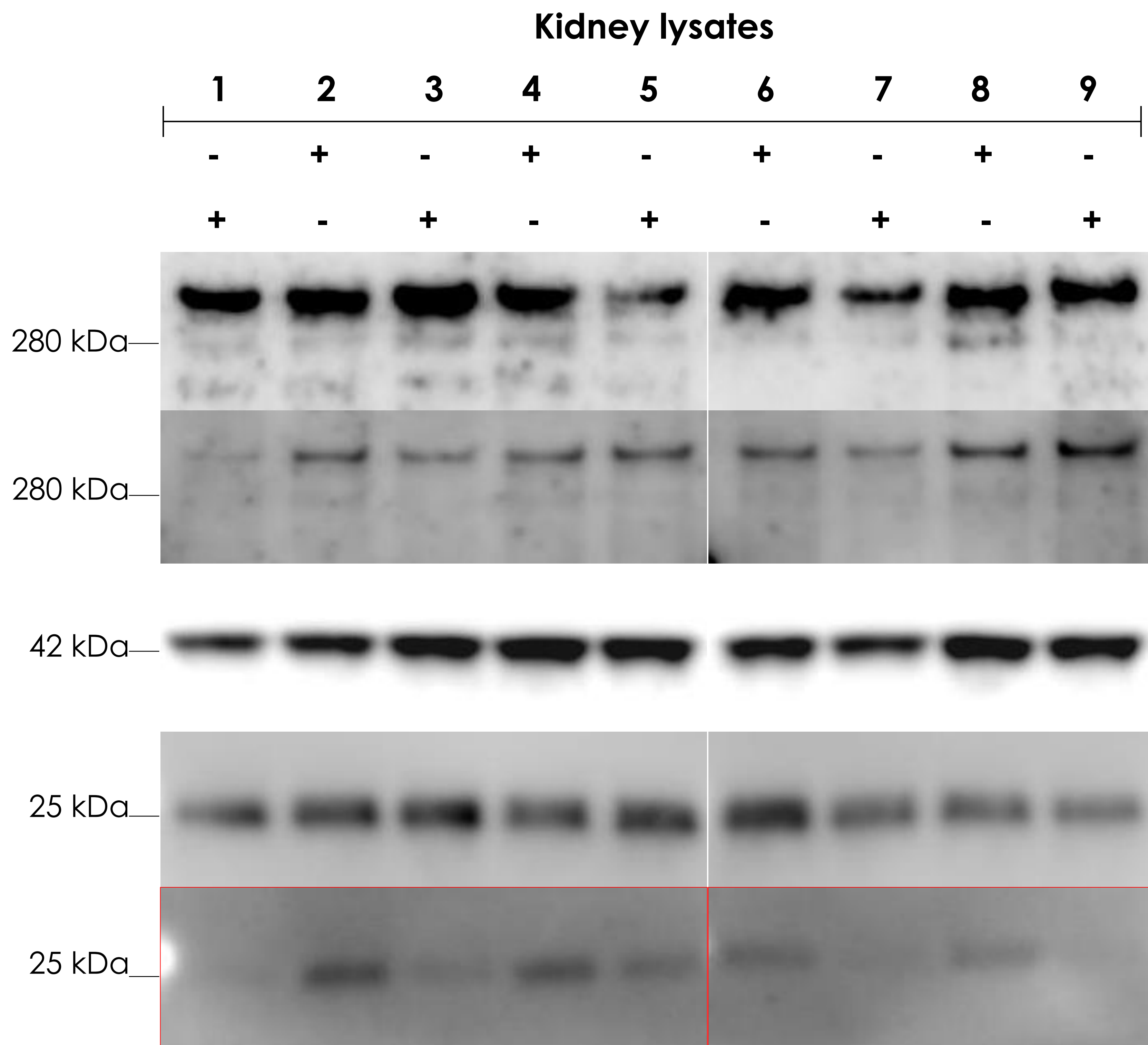


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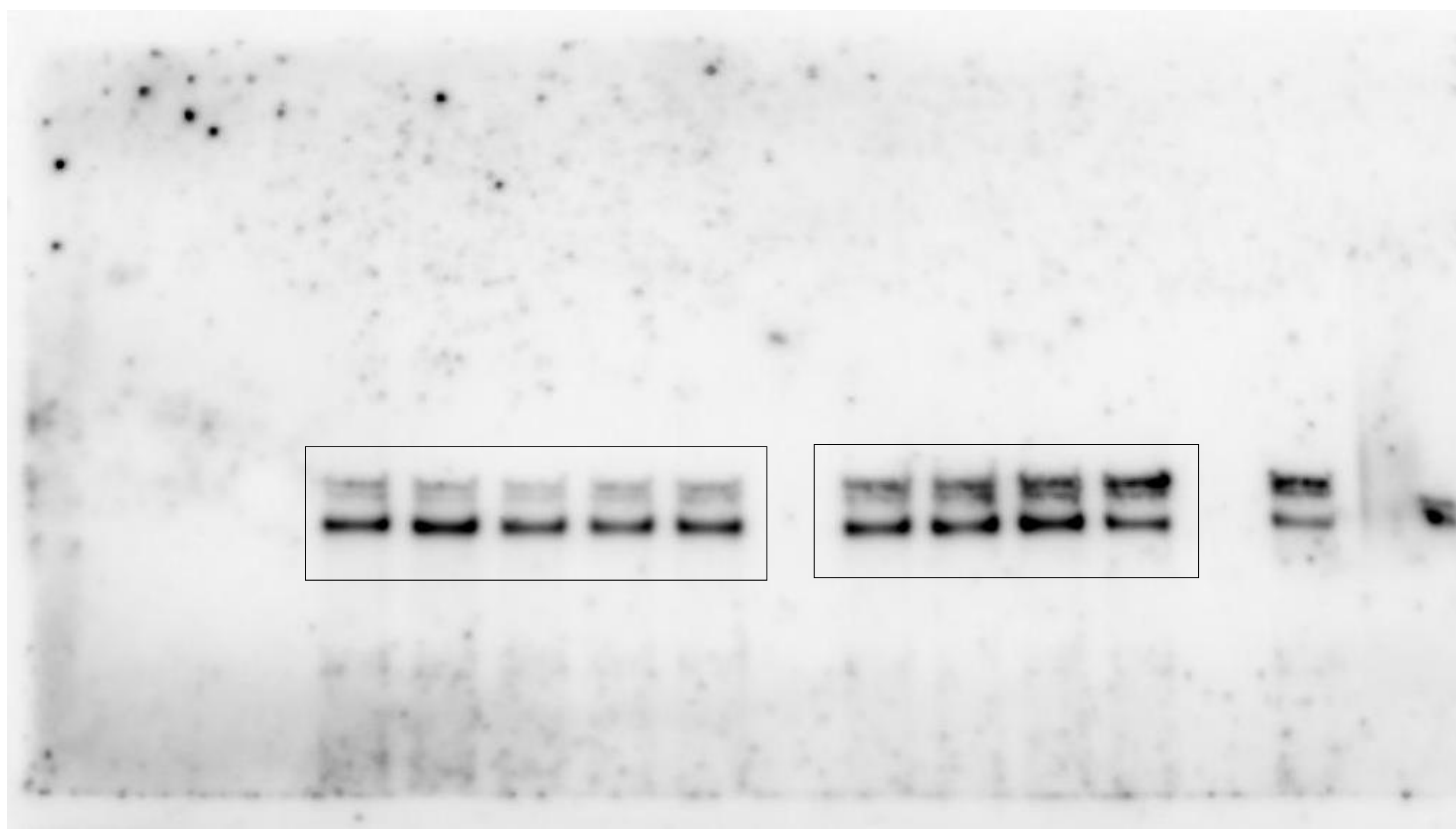
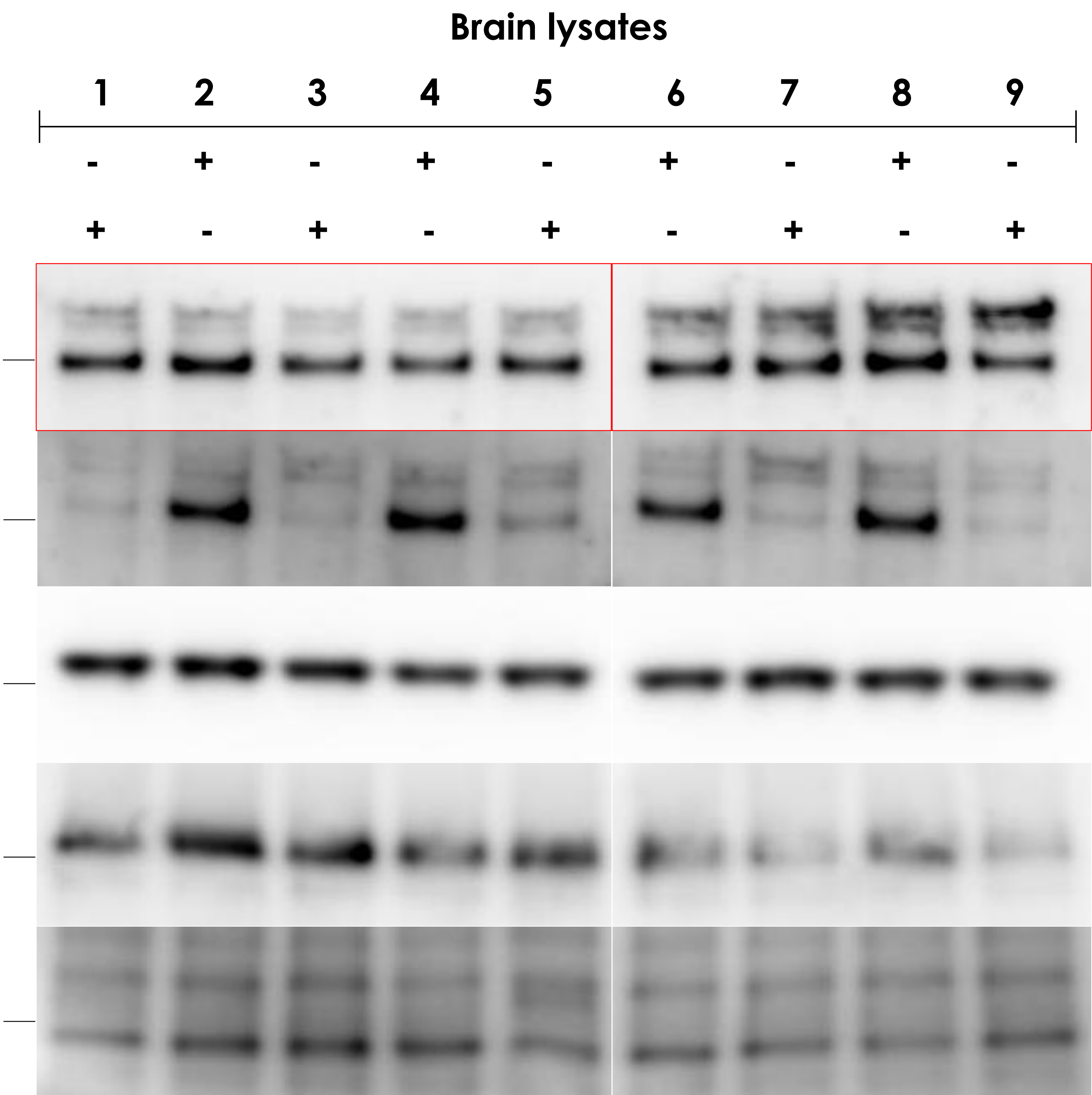


Figure 5a

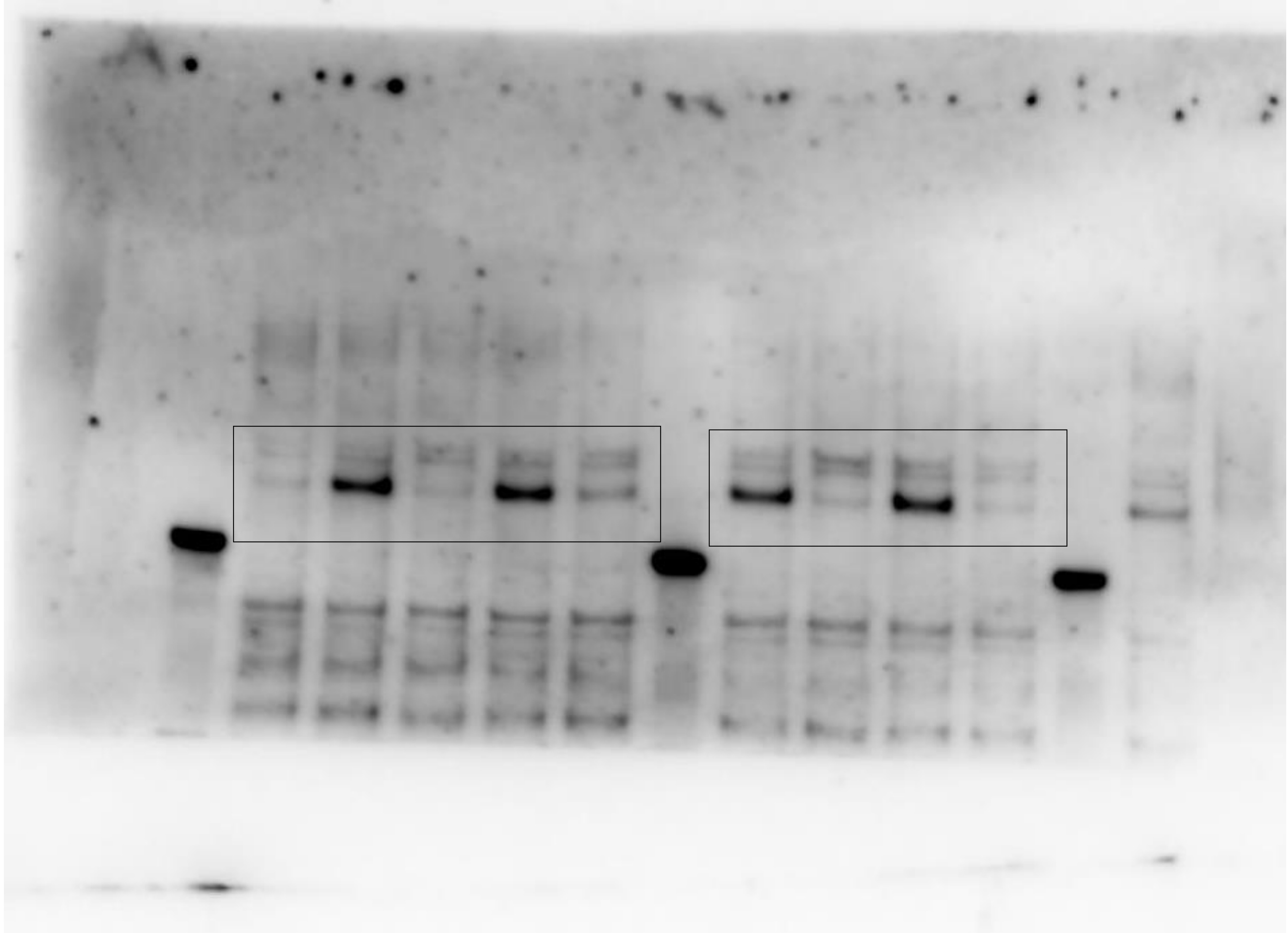
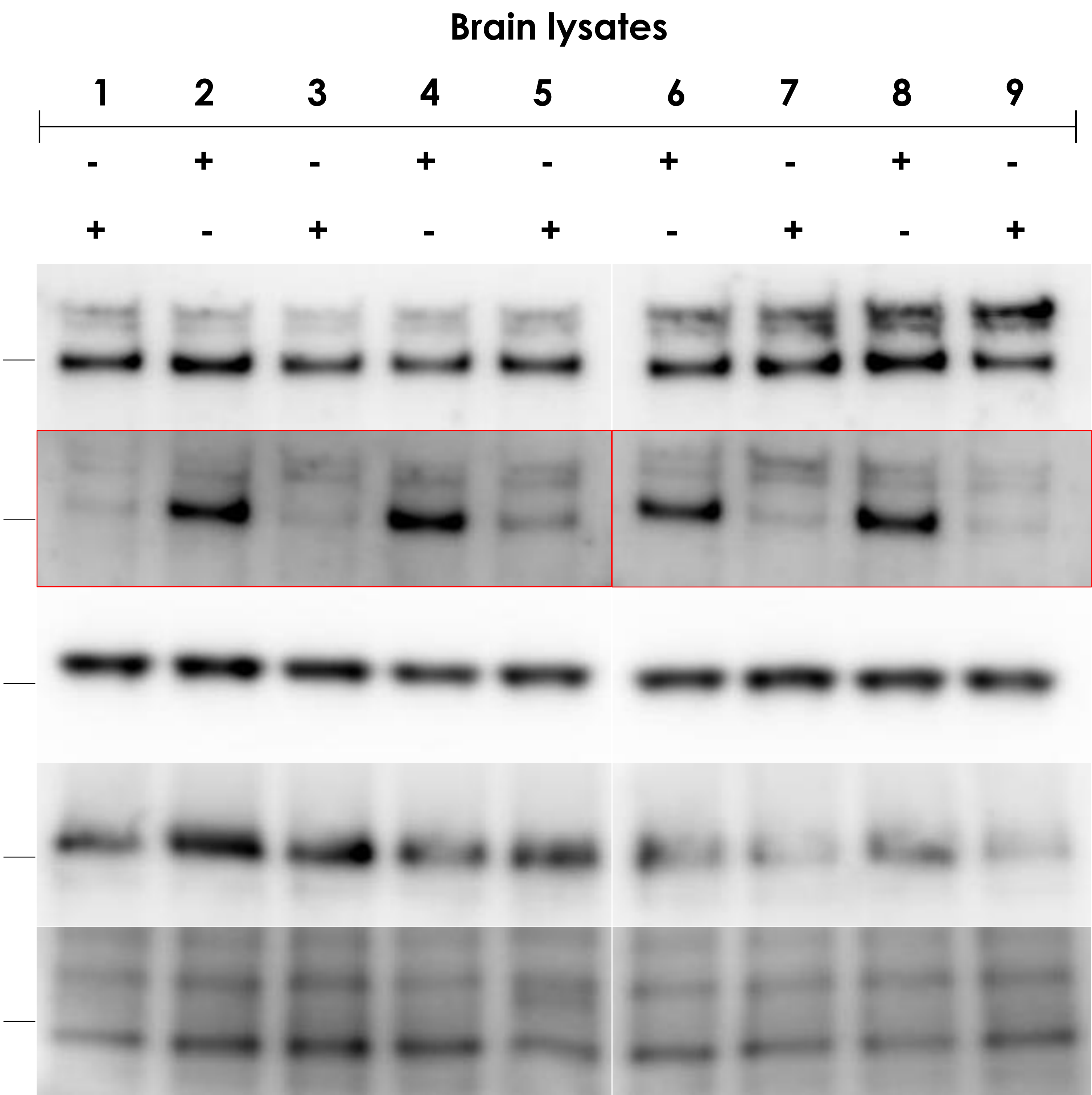


Figure 5a

Brain lysates

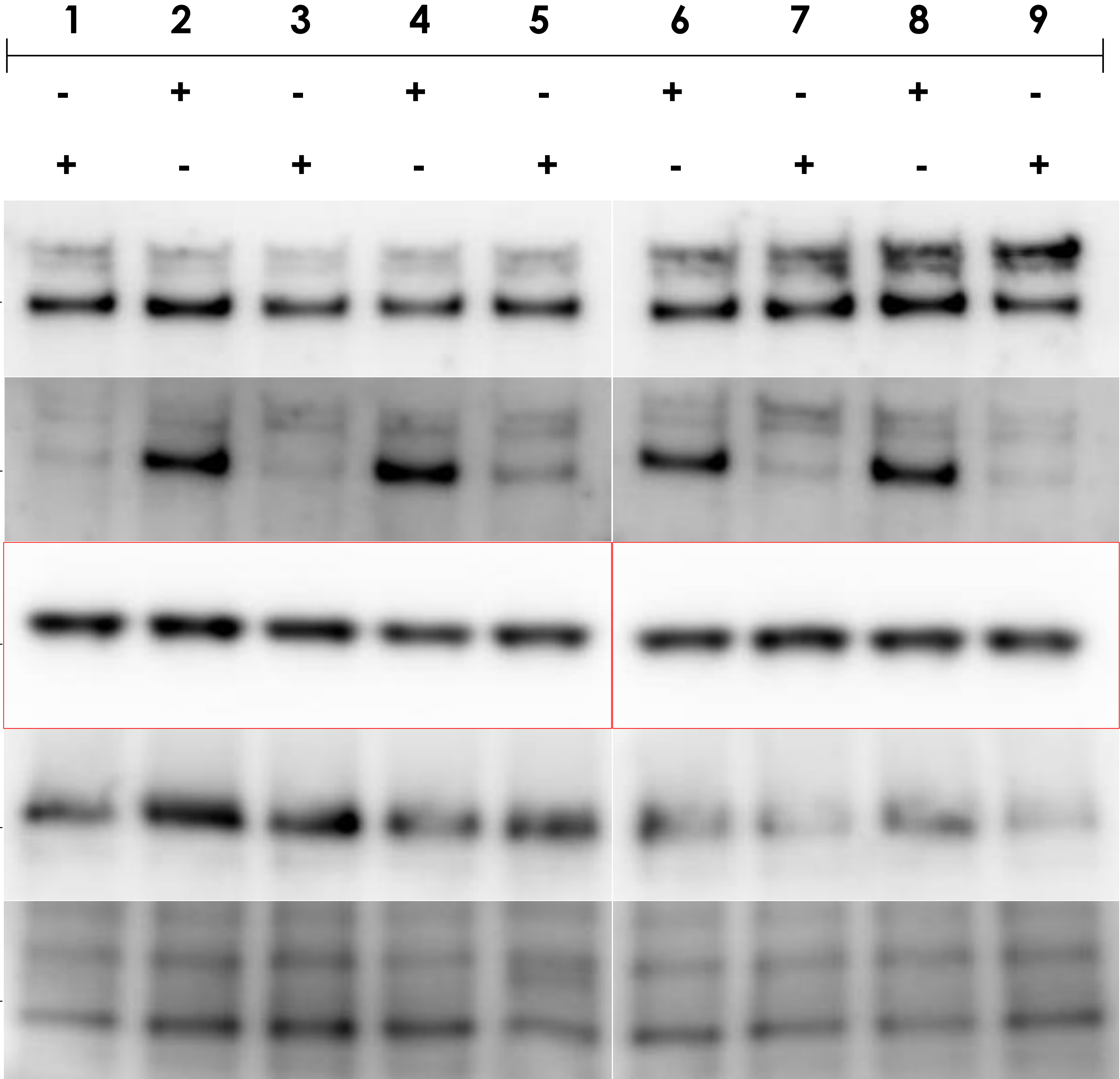


Figure 5a

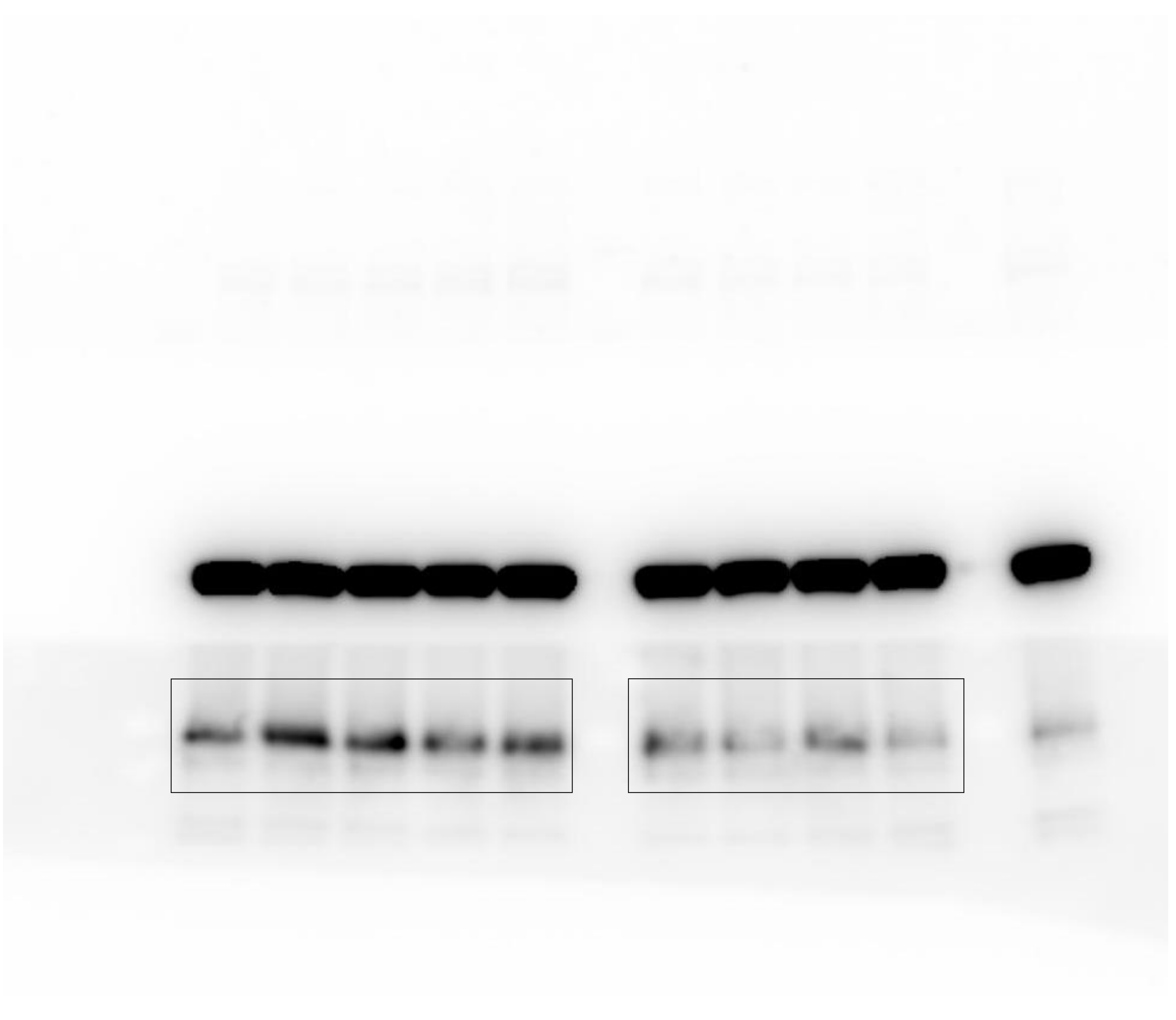
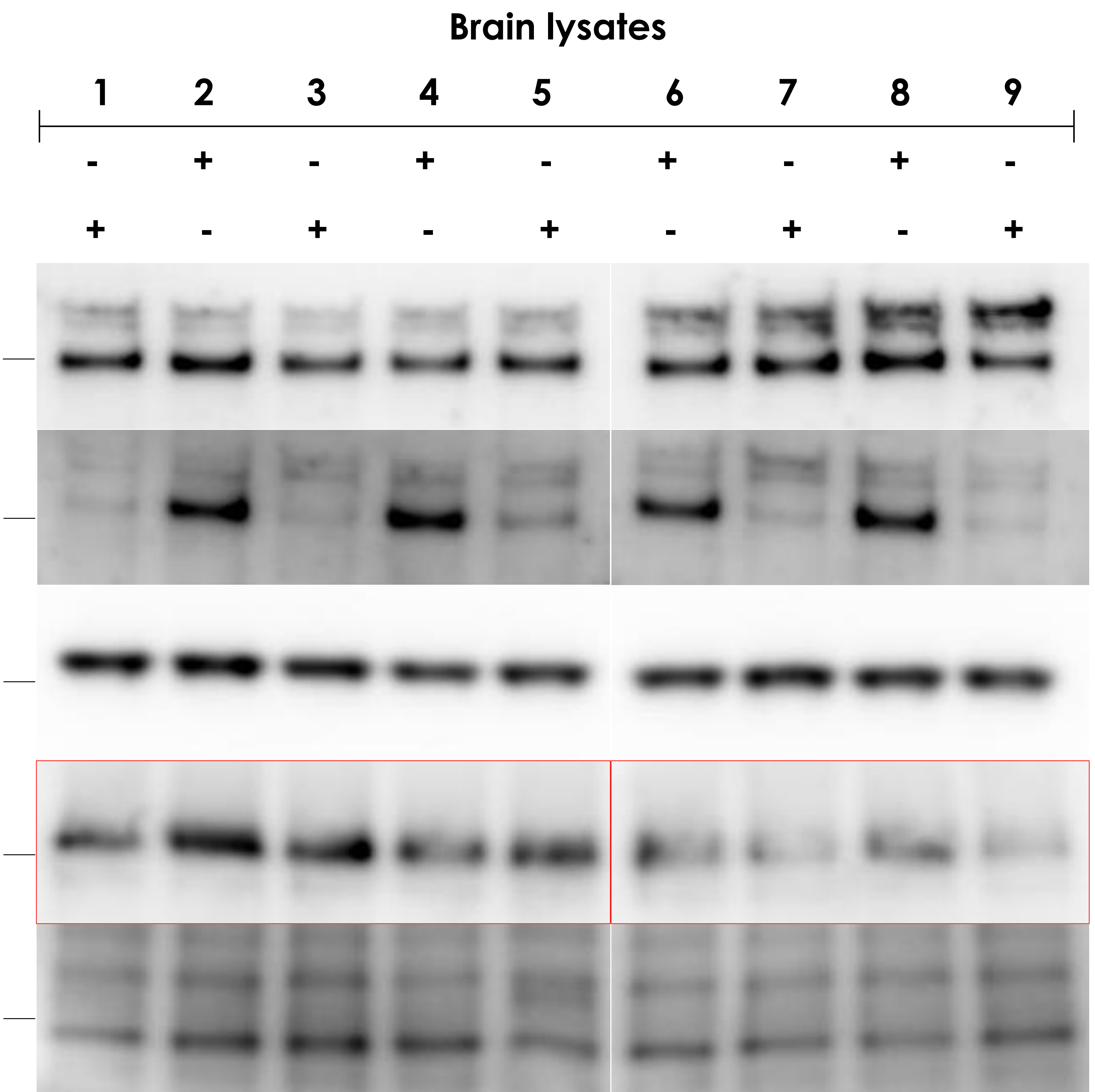


Figure 5a

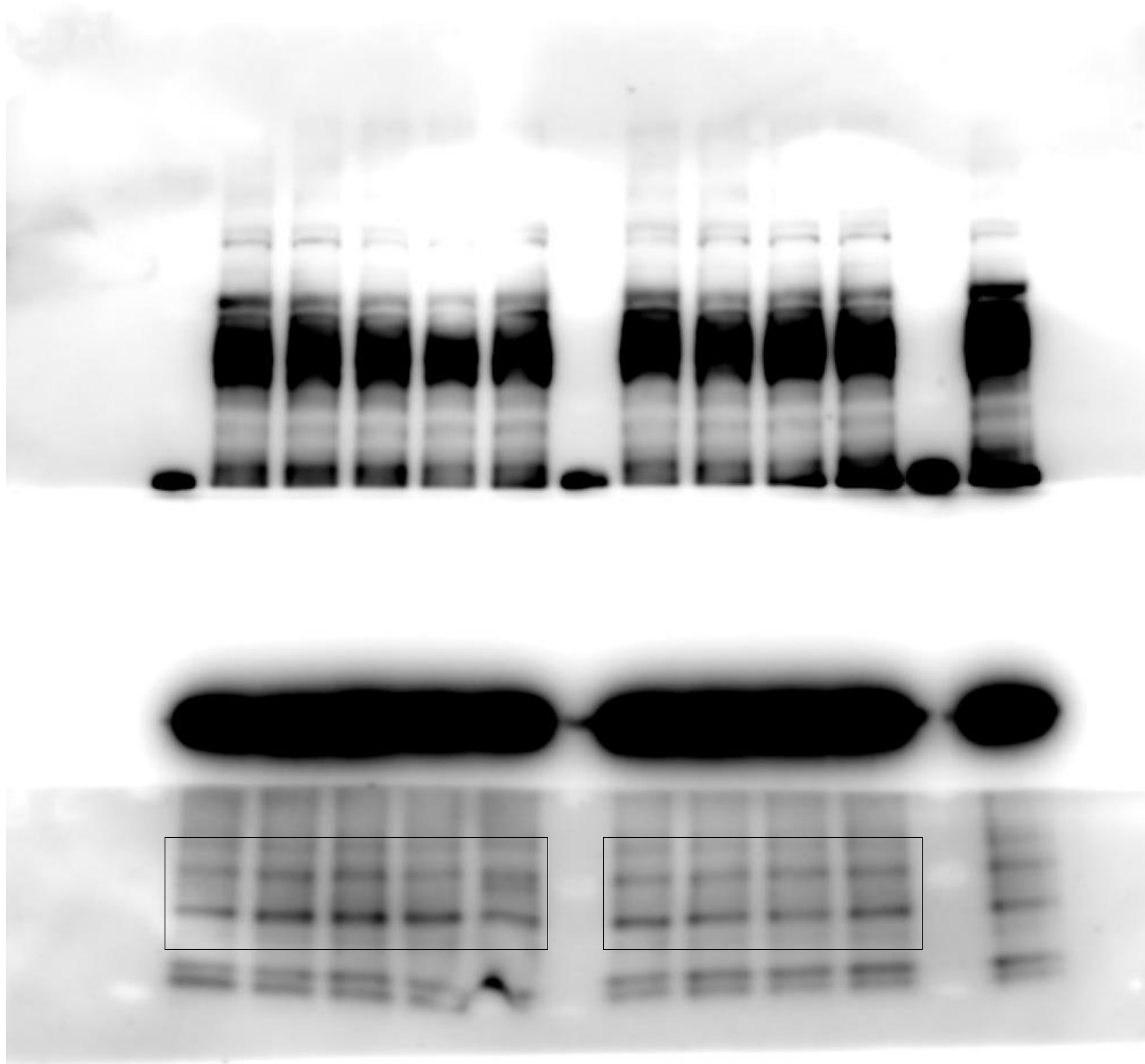
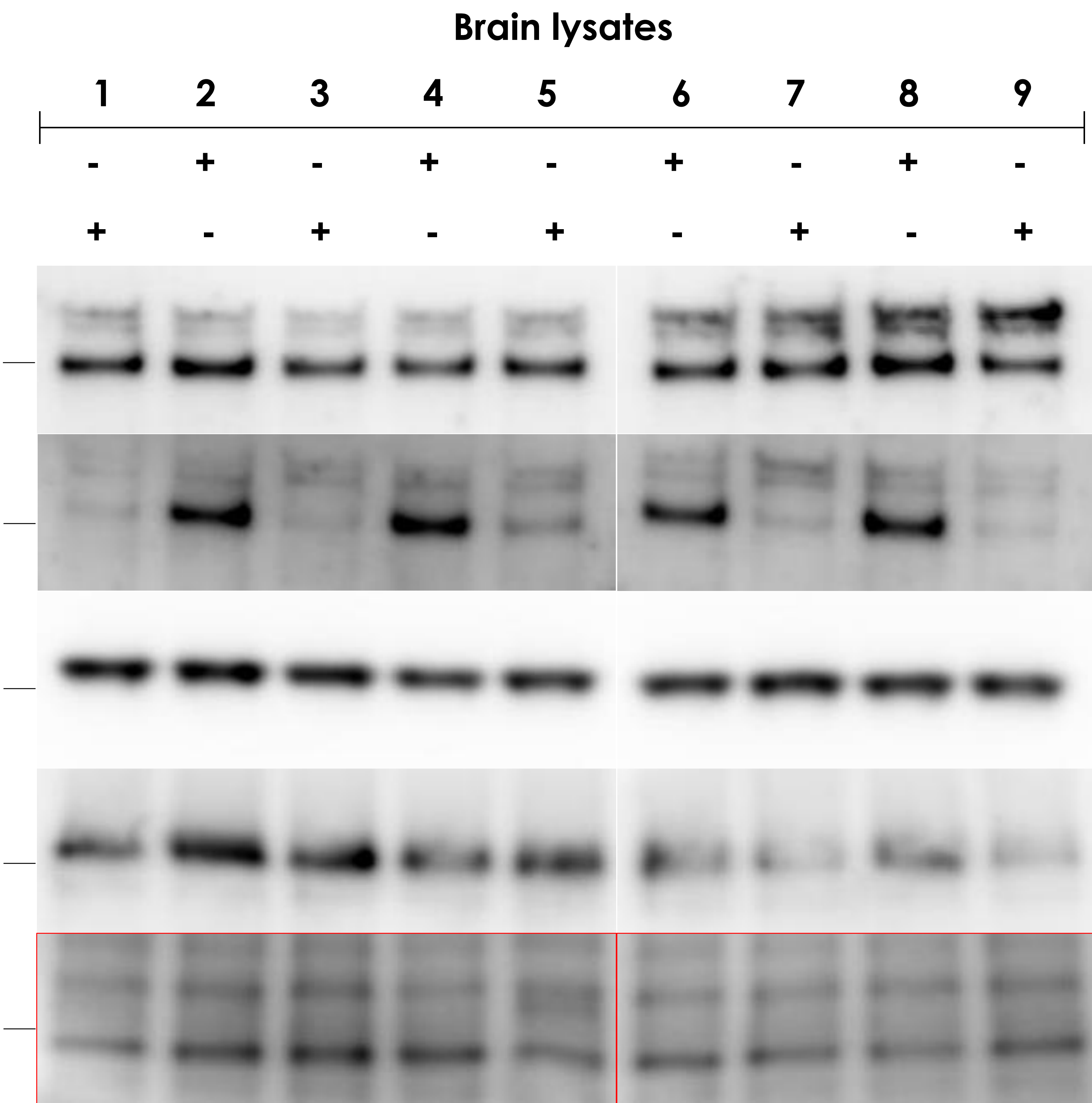


Figure 5a

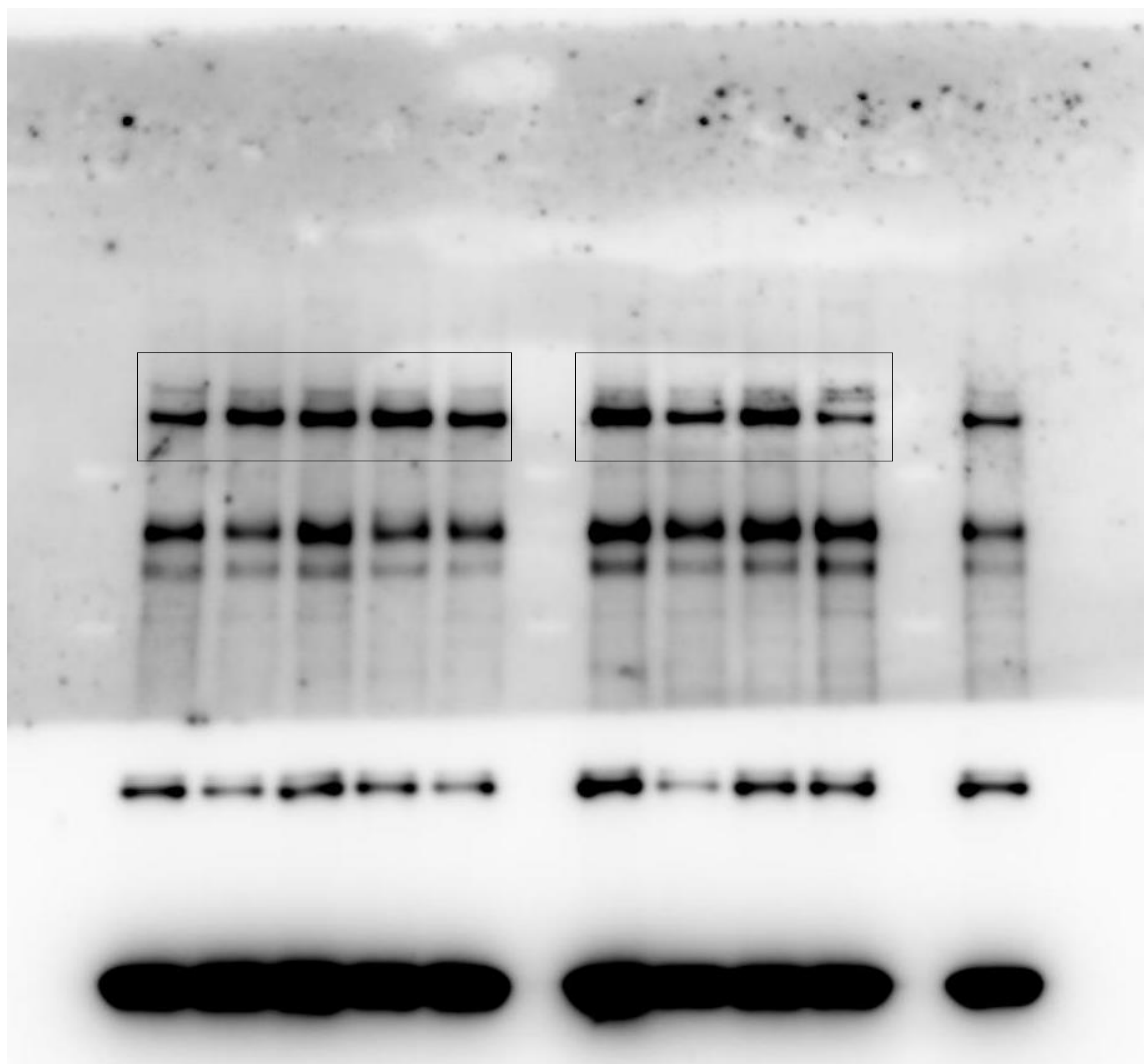
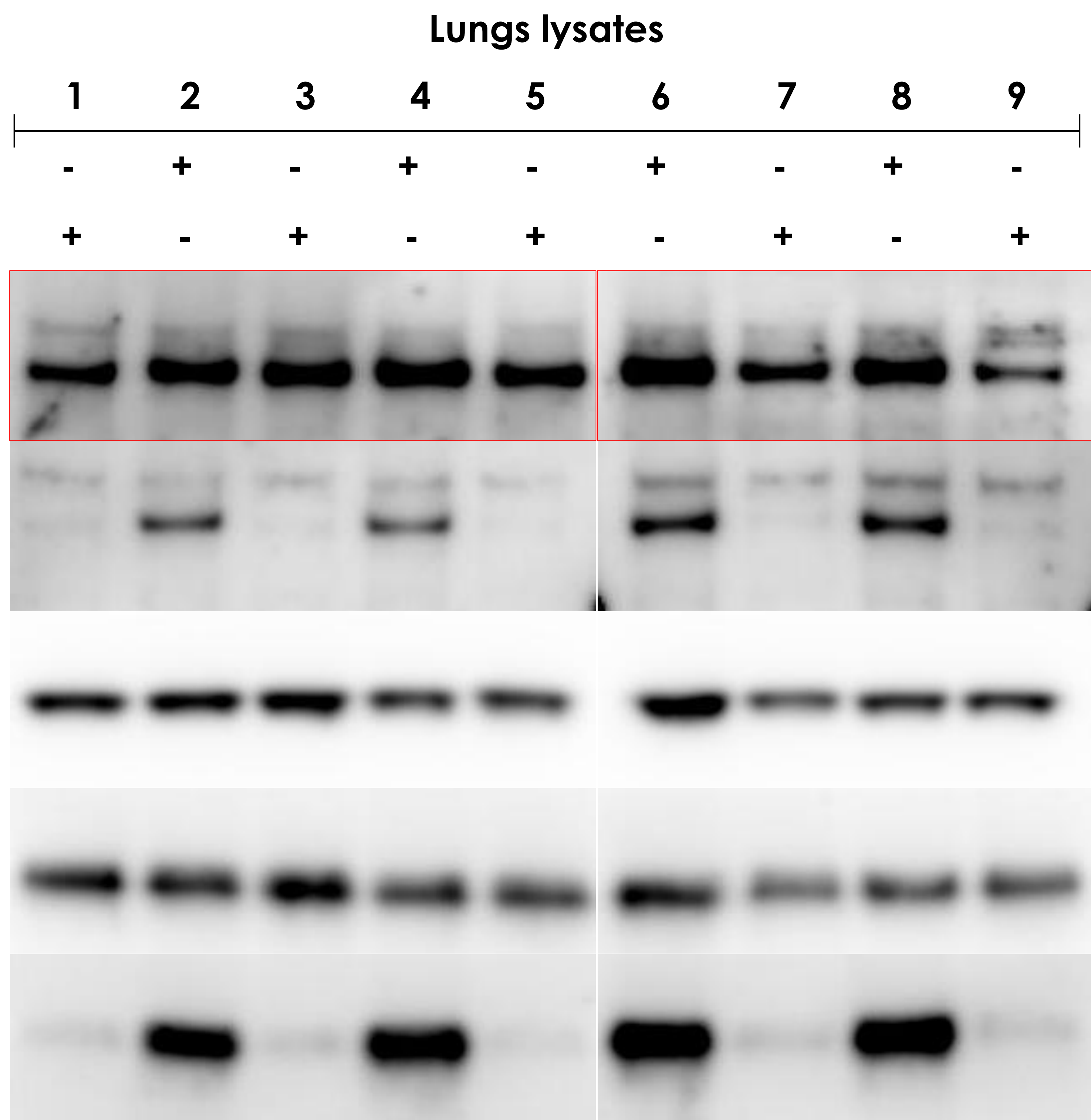


Figure 5a

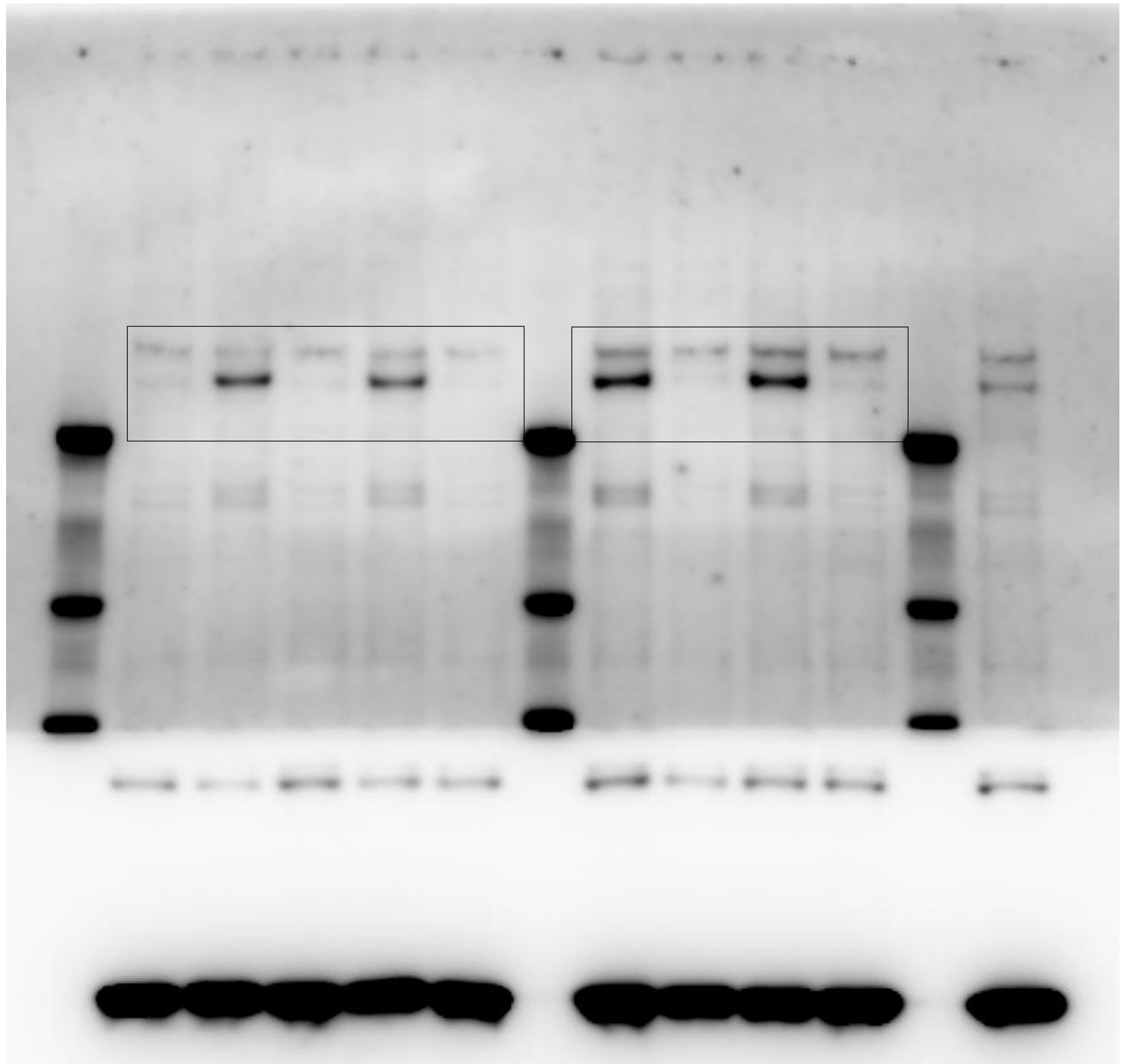
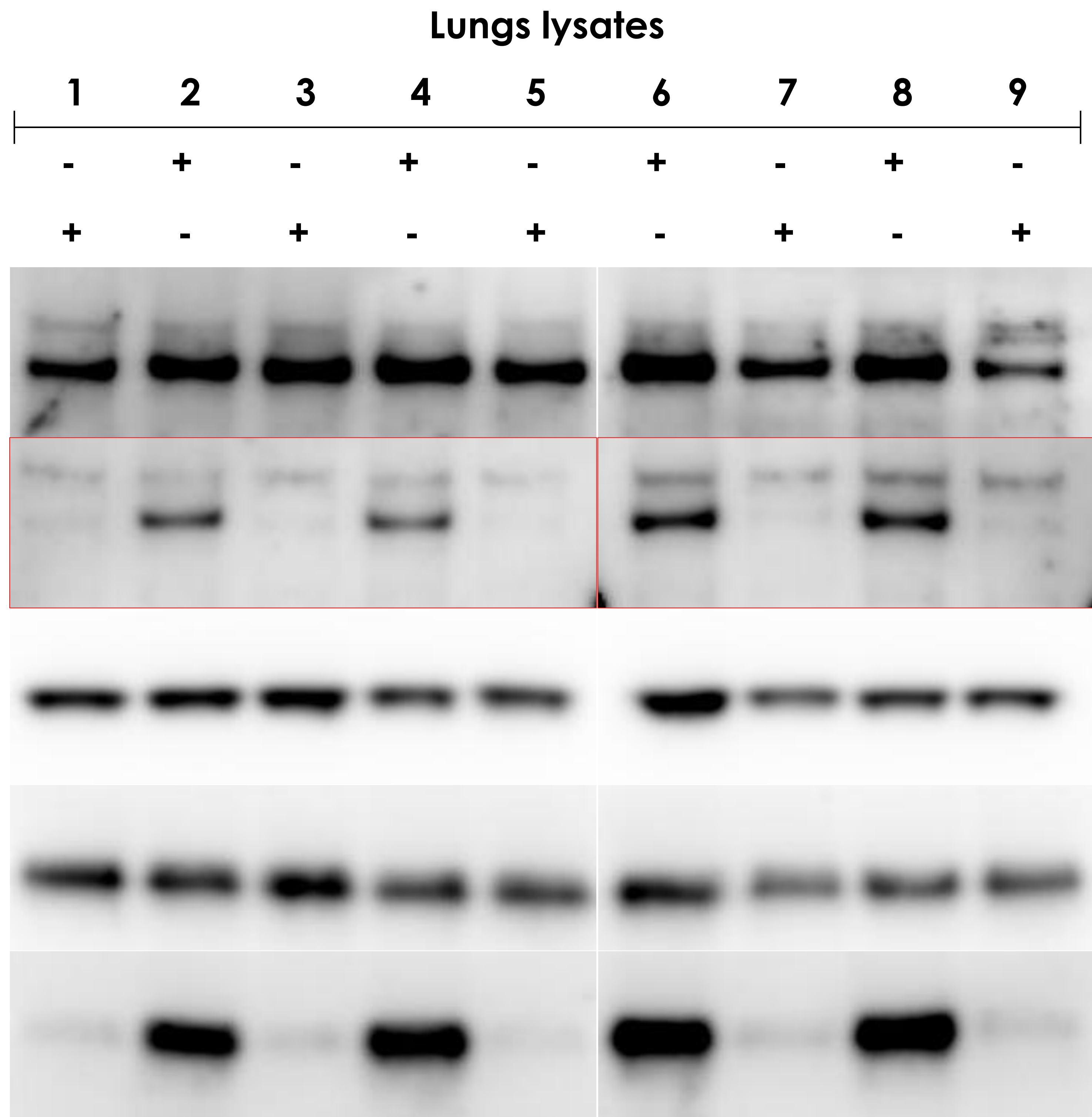


Figure 5a

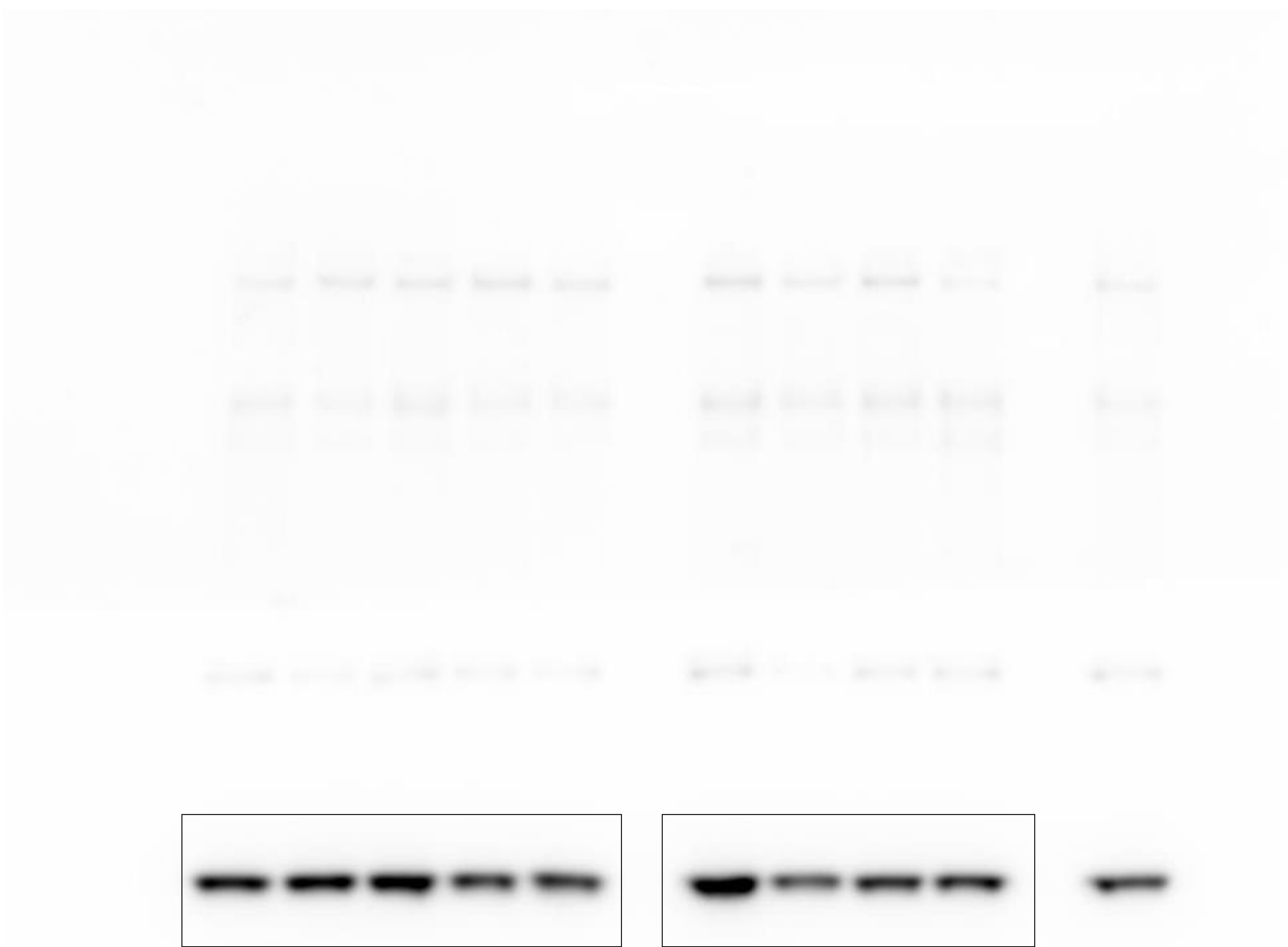
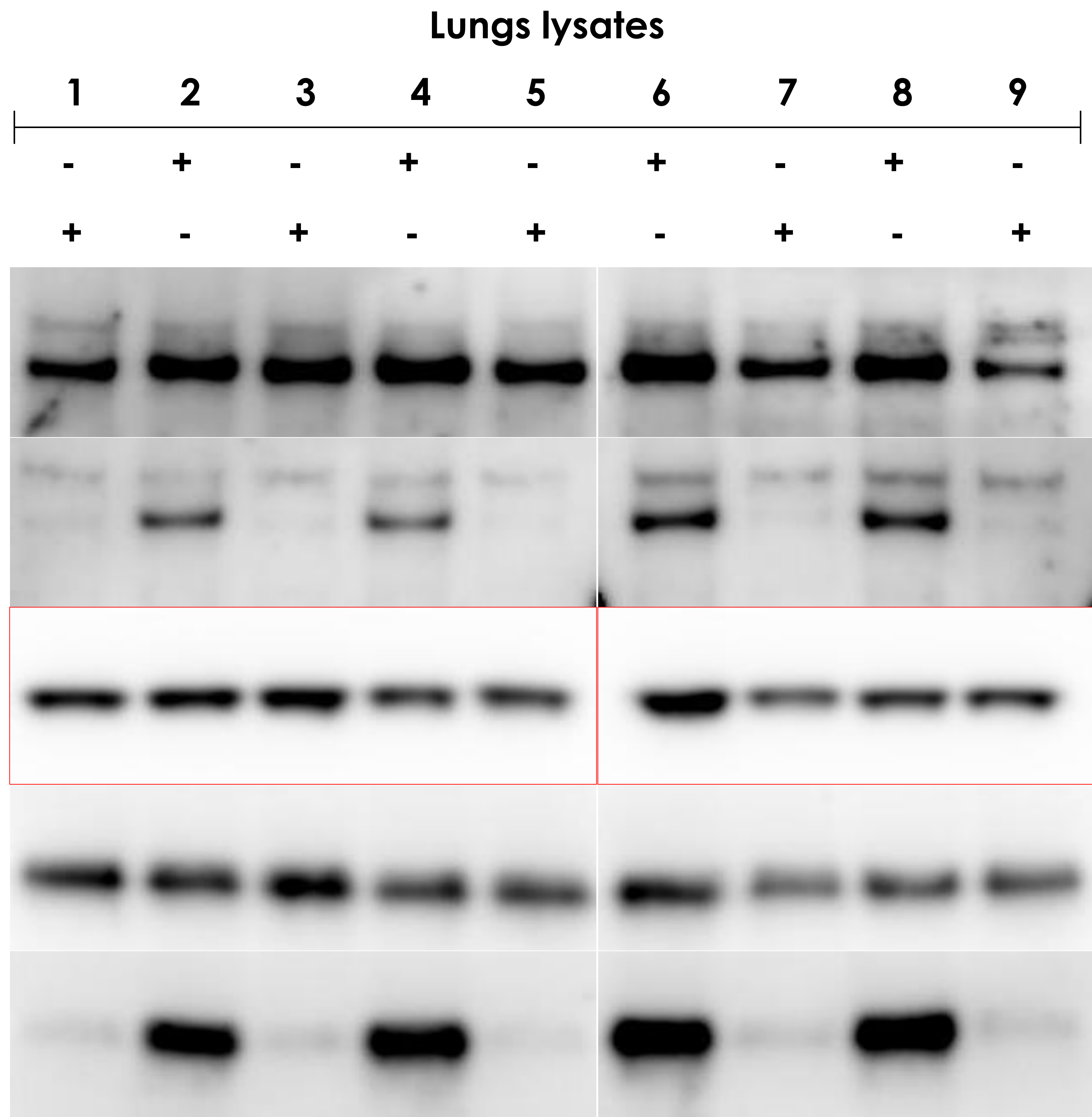


Figure 5a

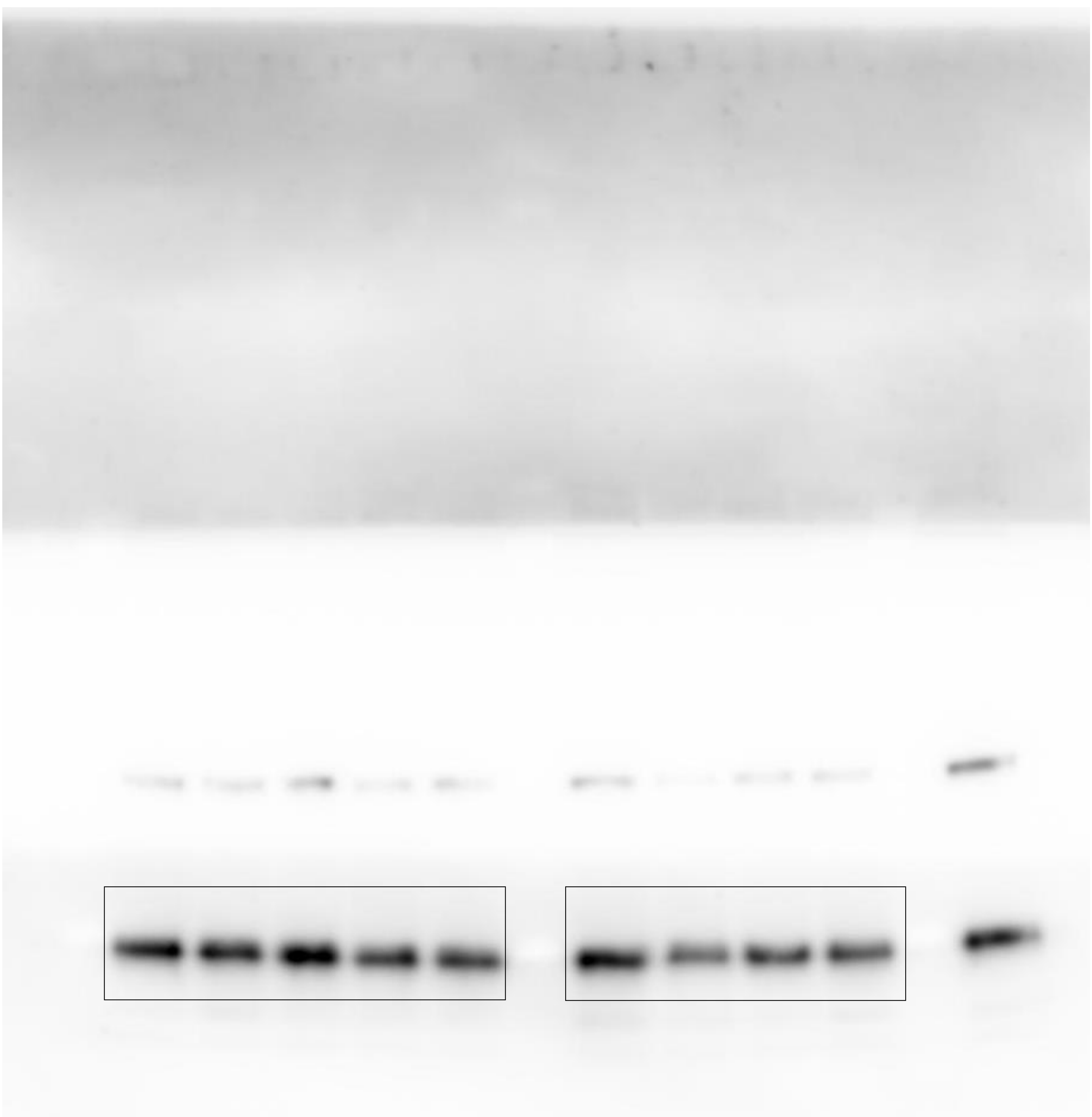
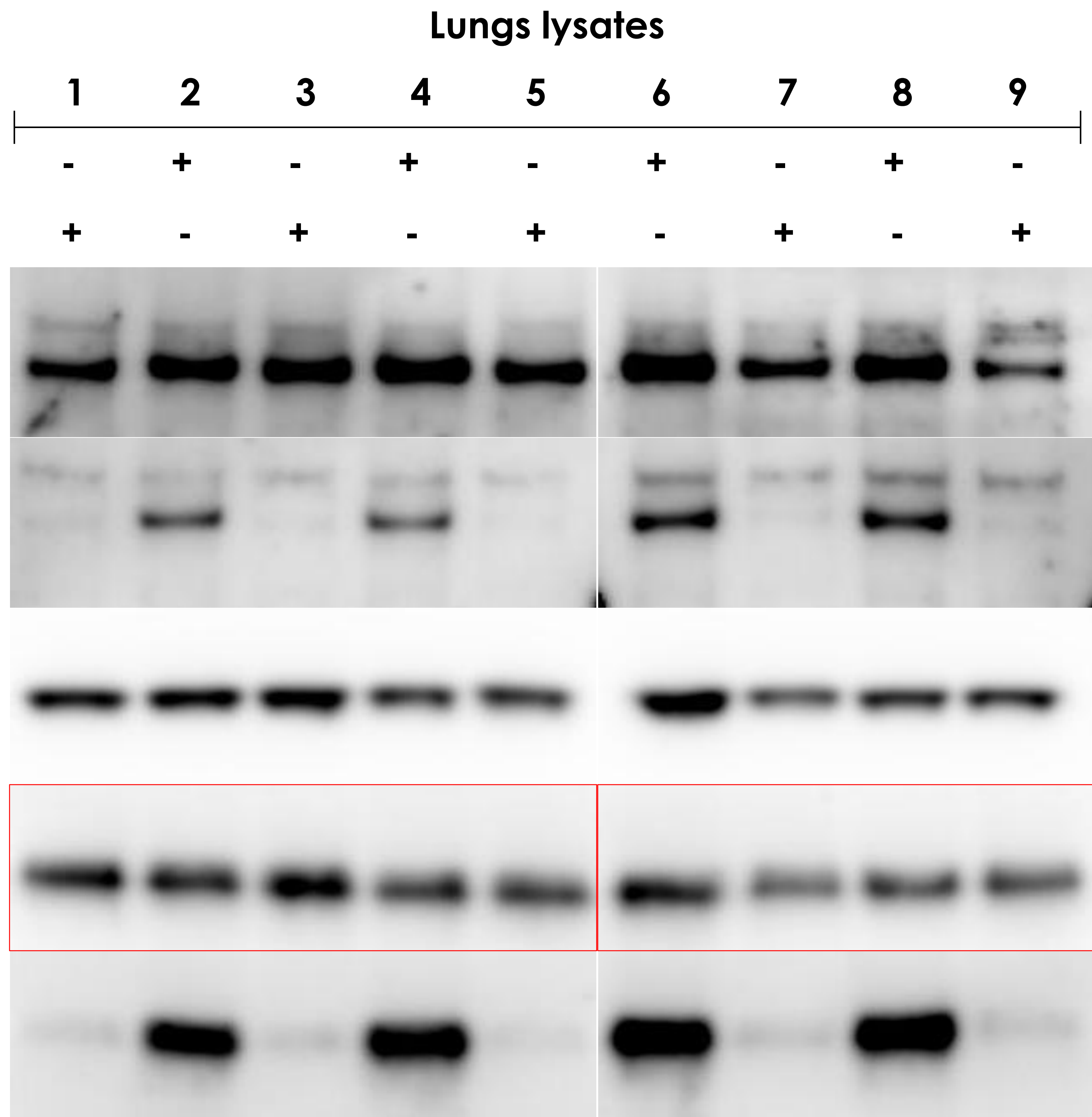


Figure 5a

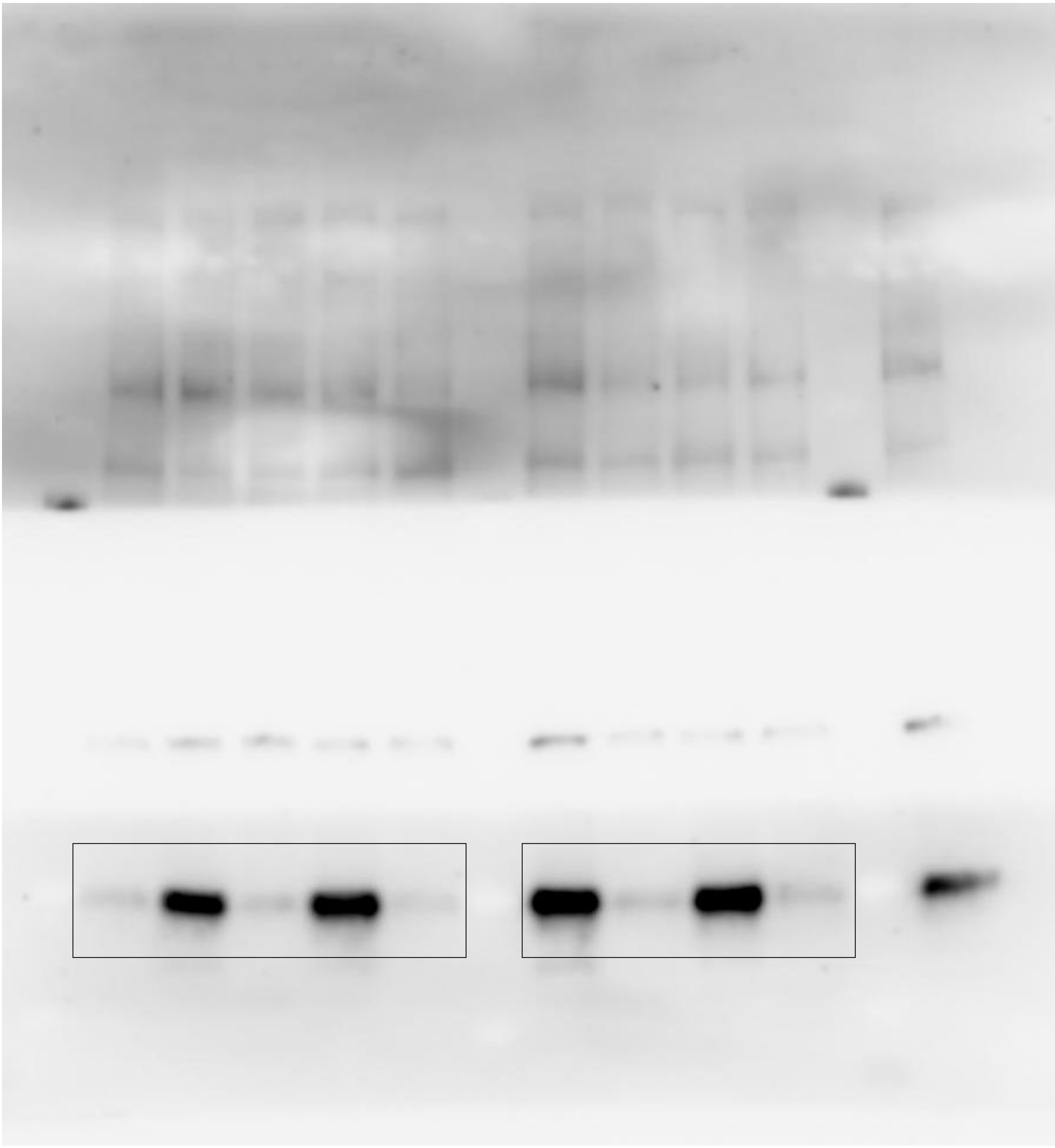
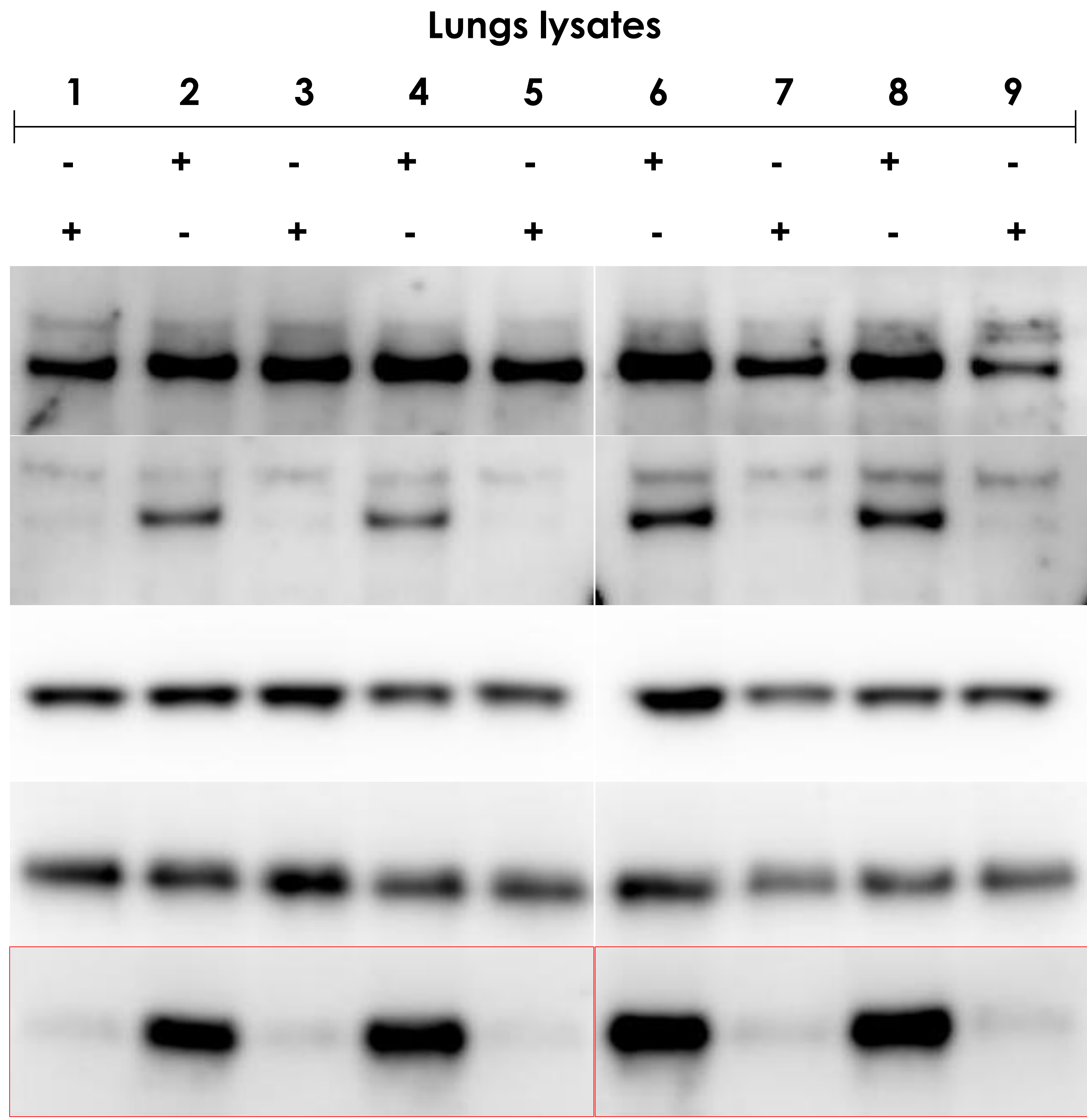


Figure 5b

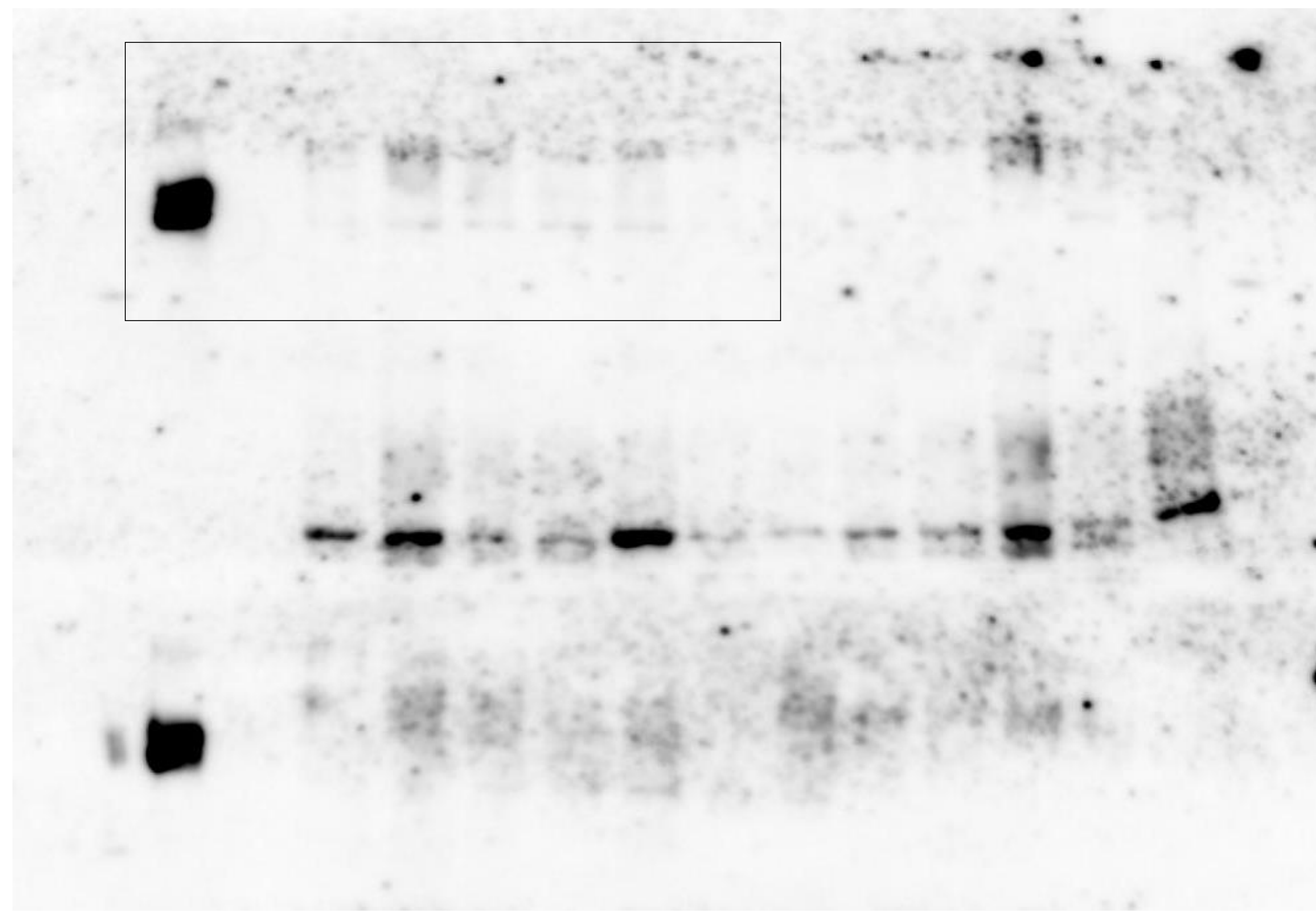
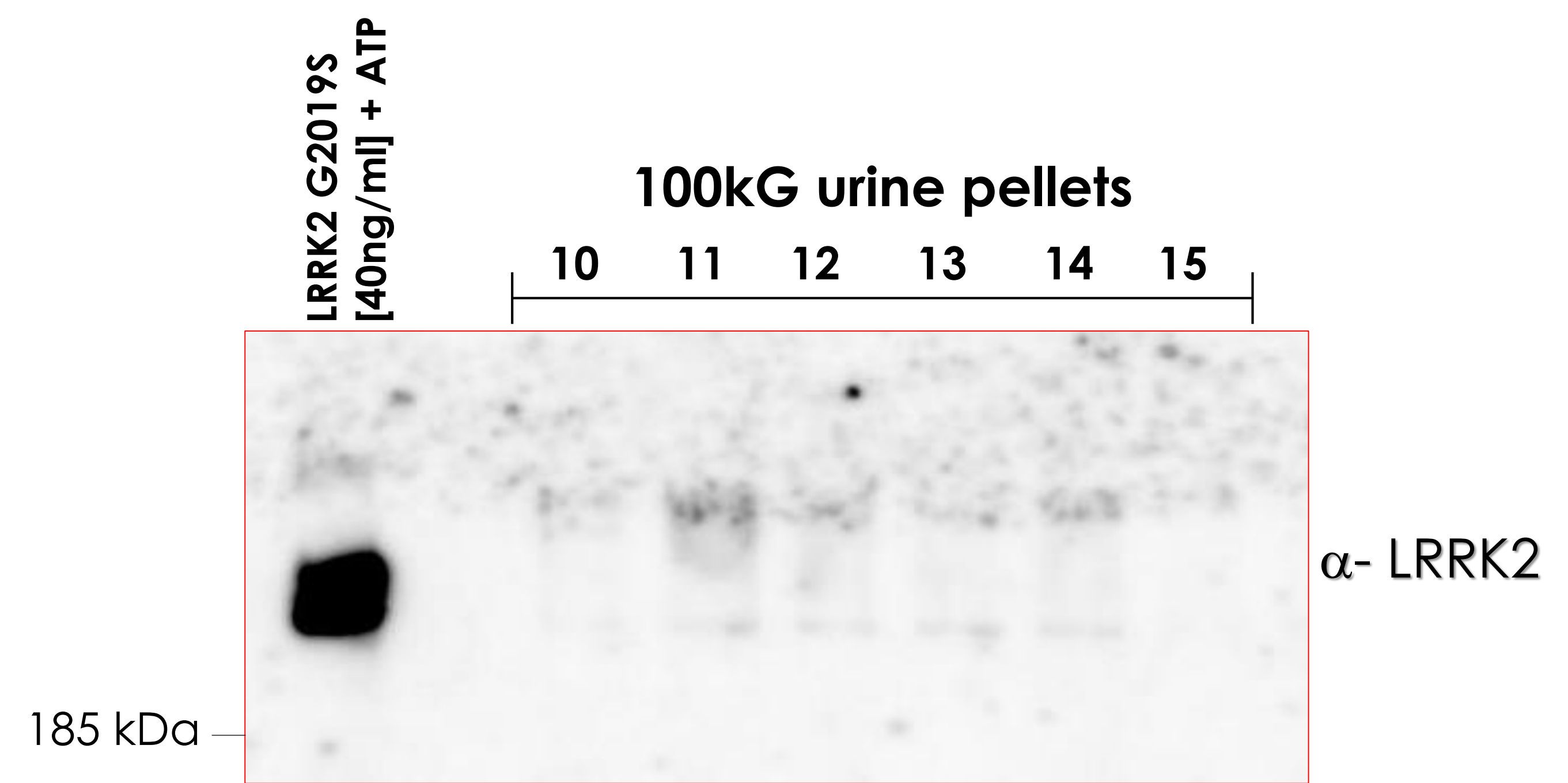


Figure 5c

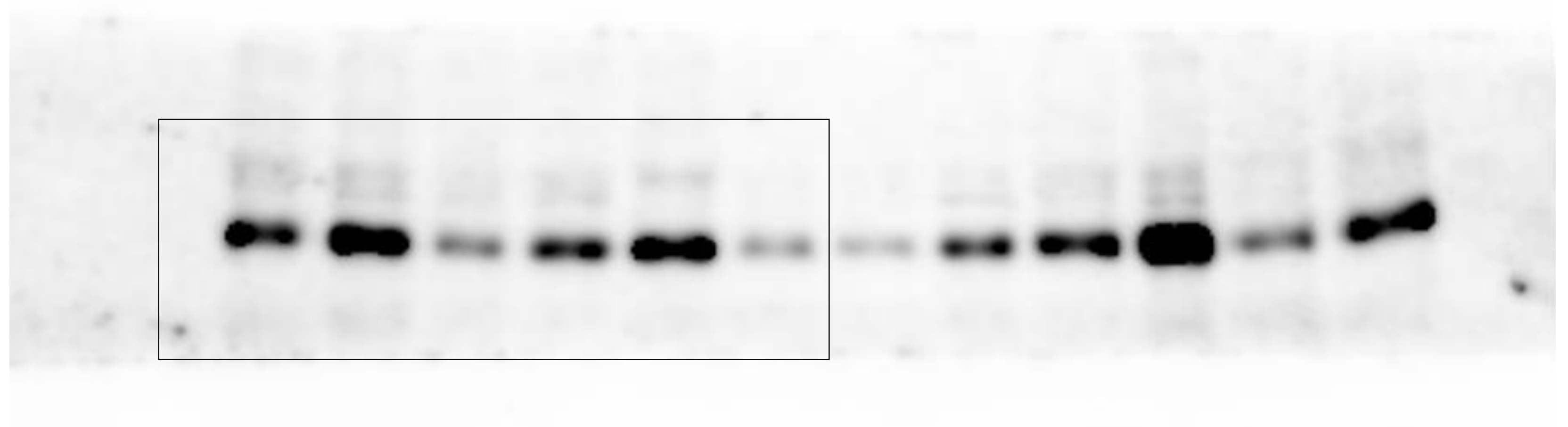
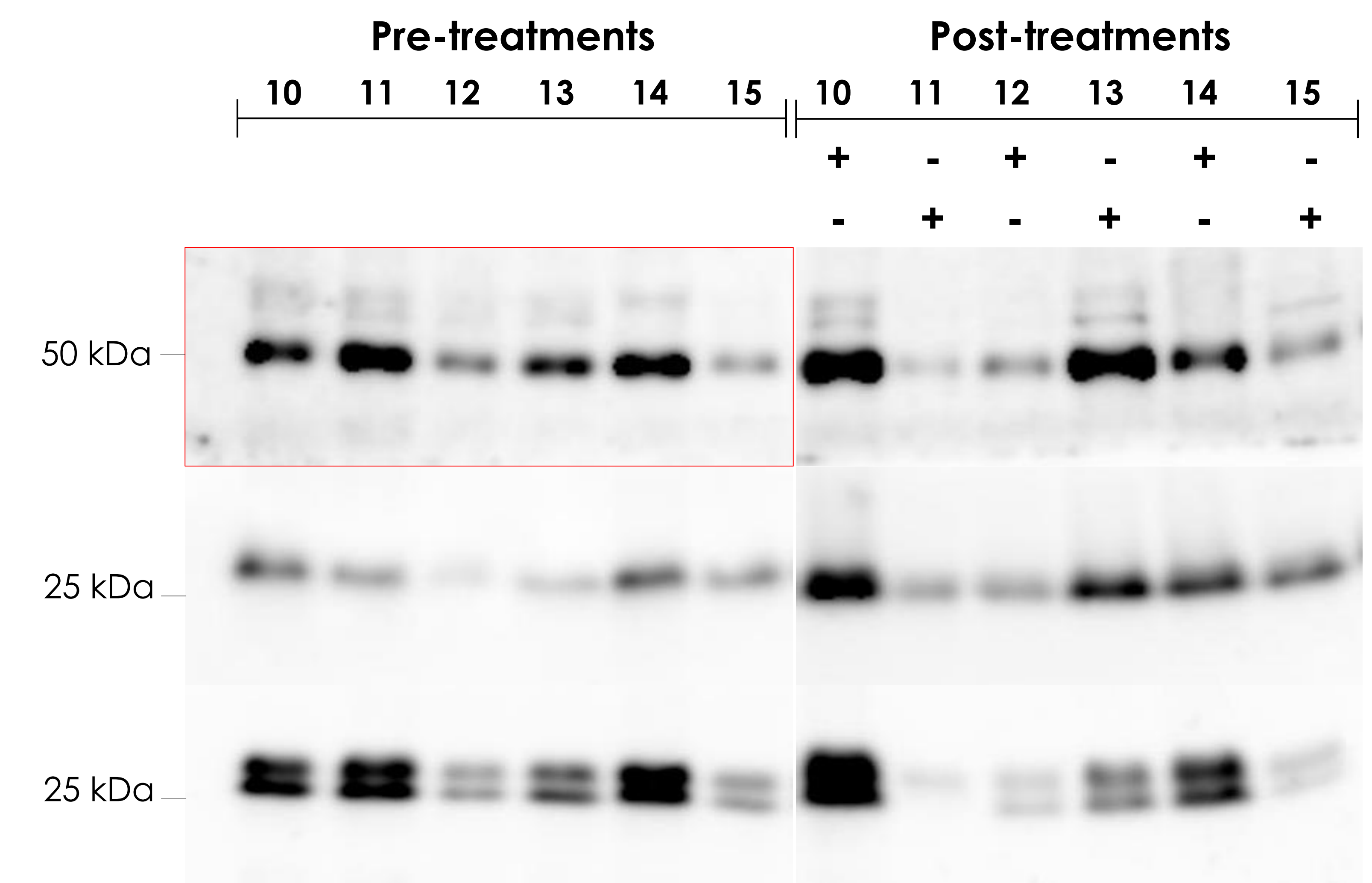


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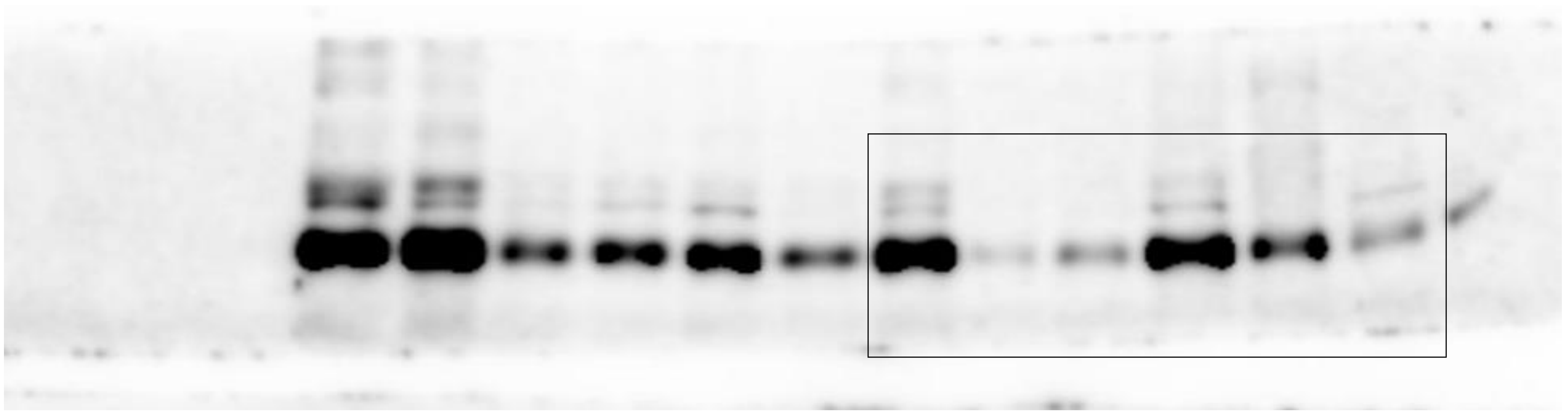
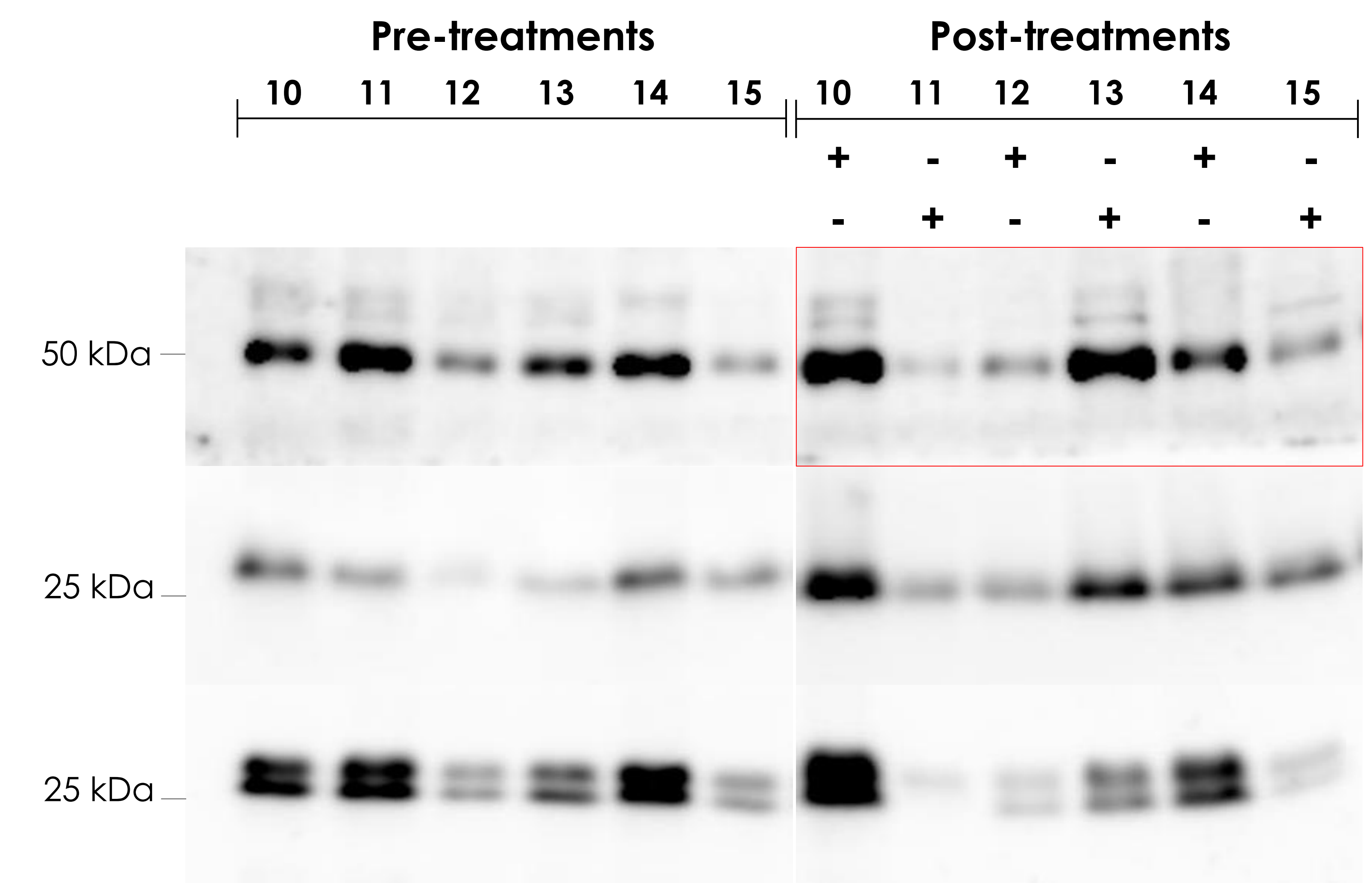


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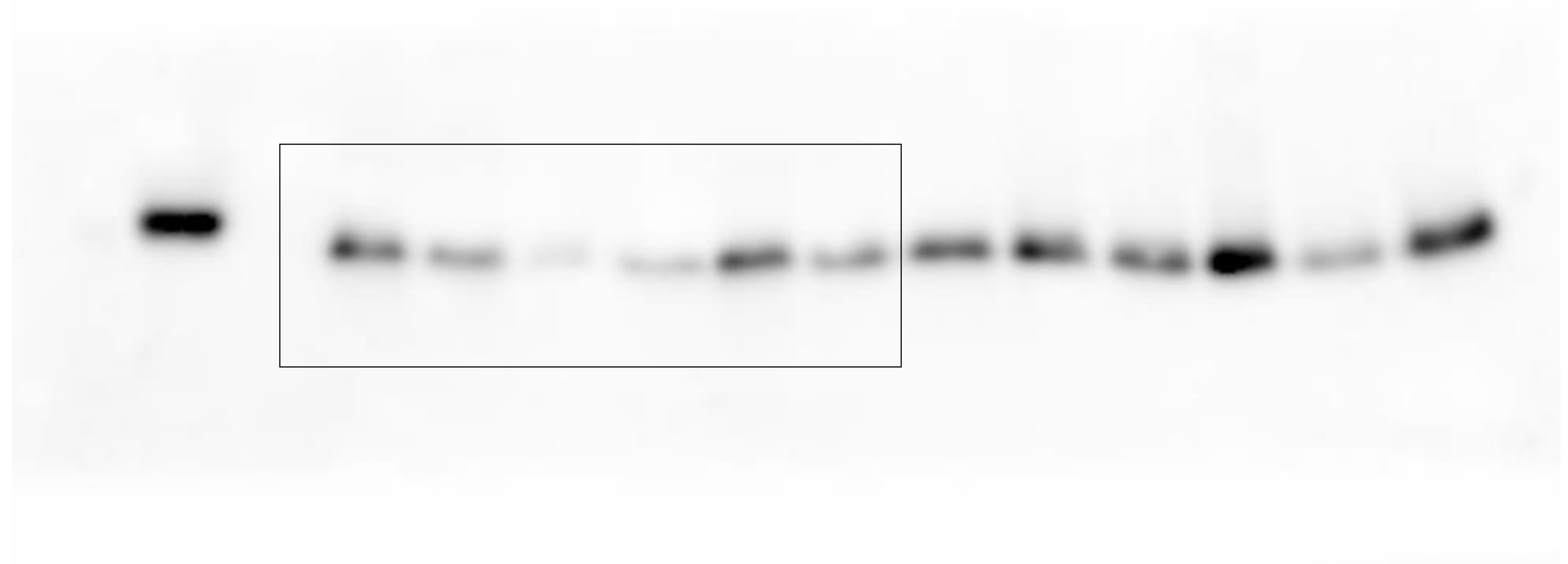
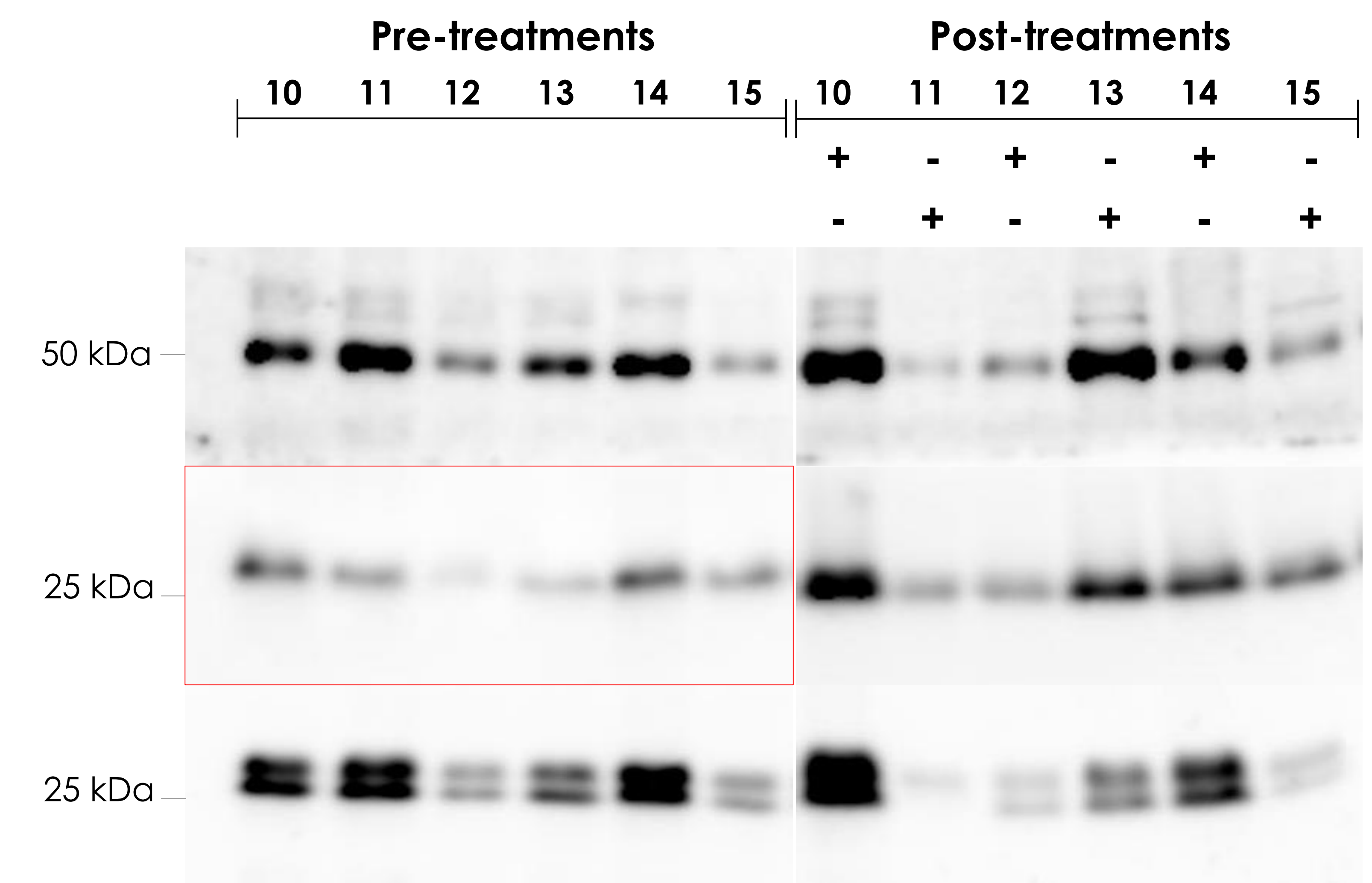


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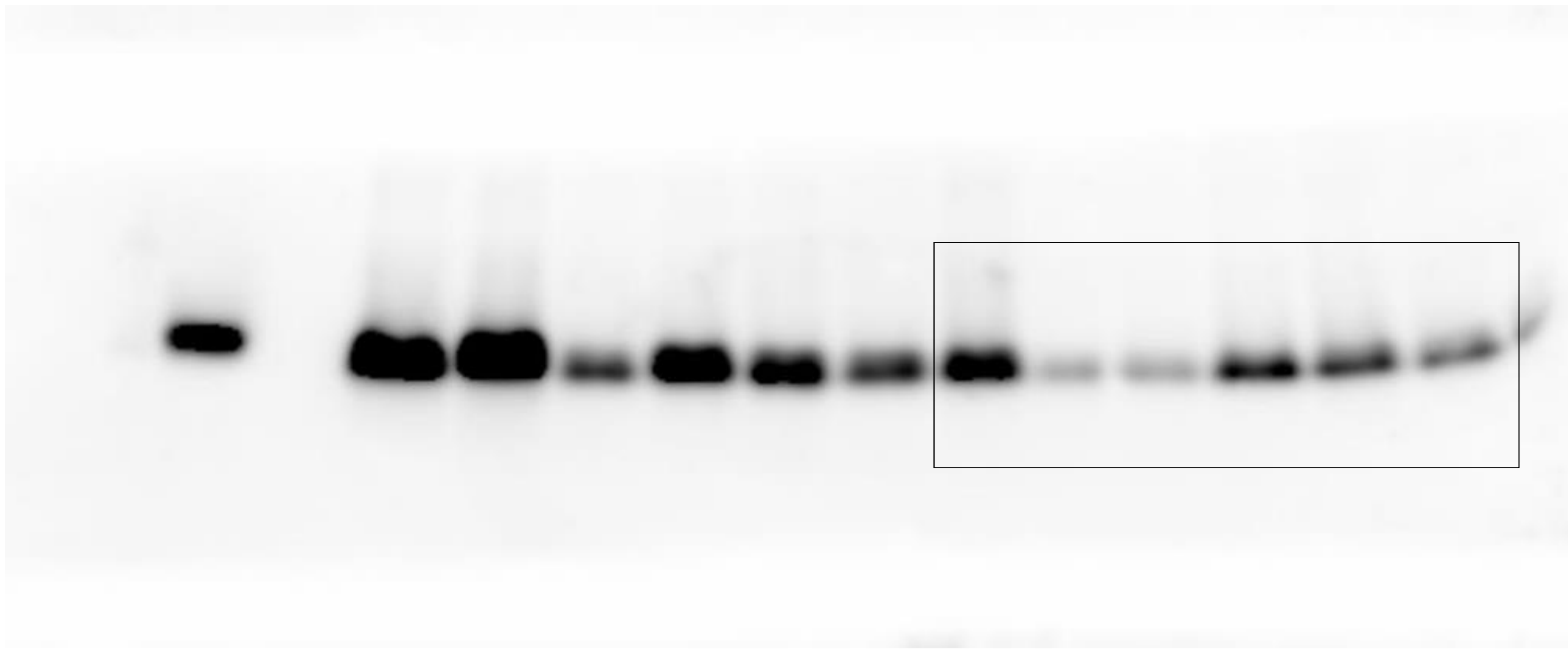
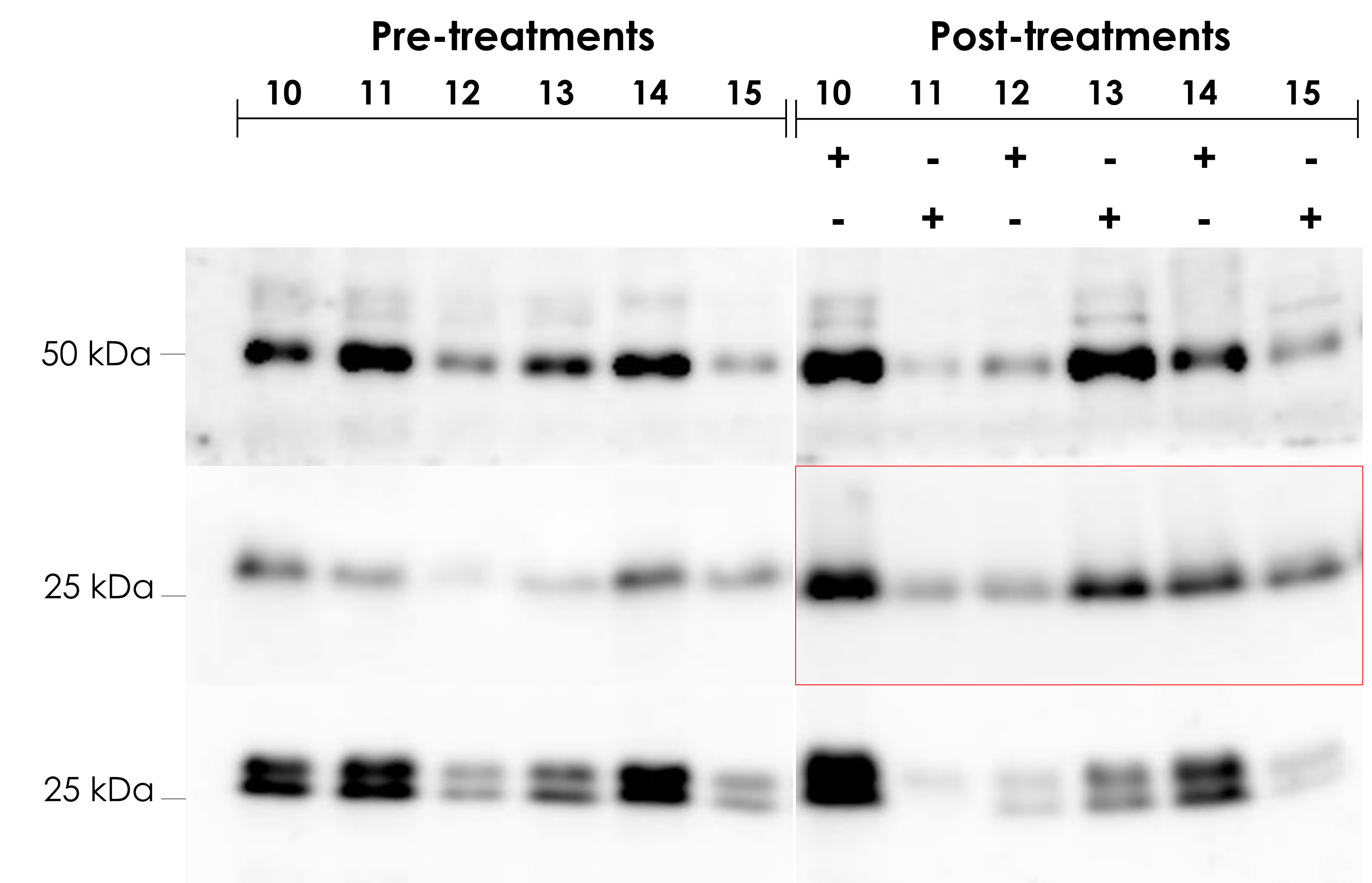


Figure 5c

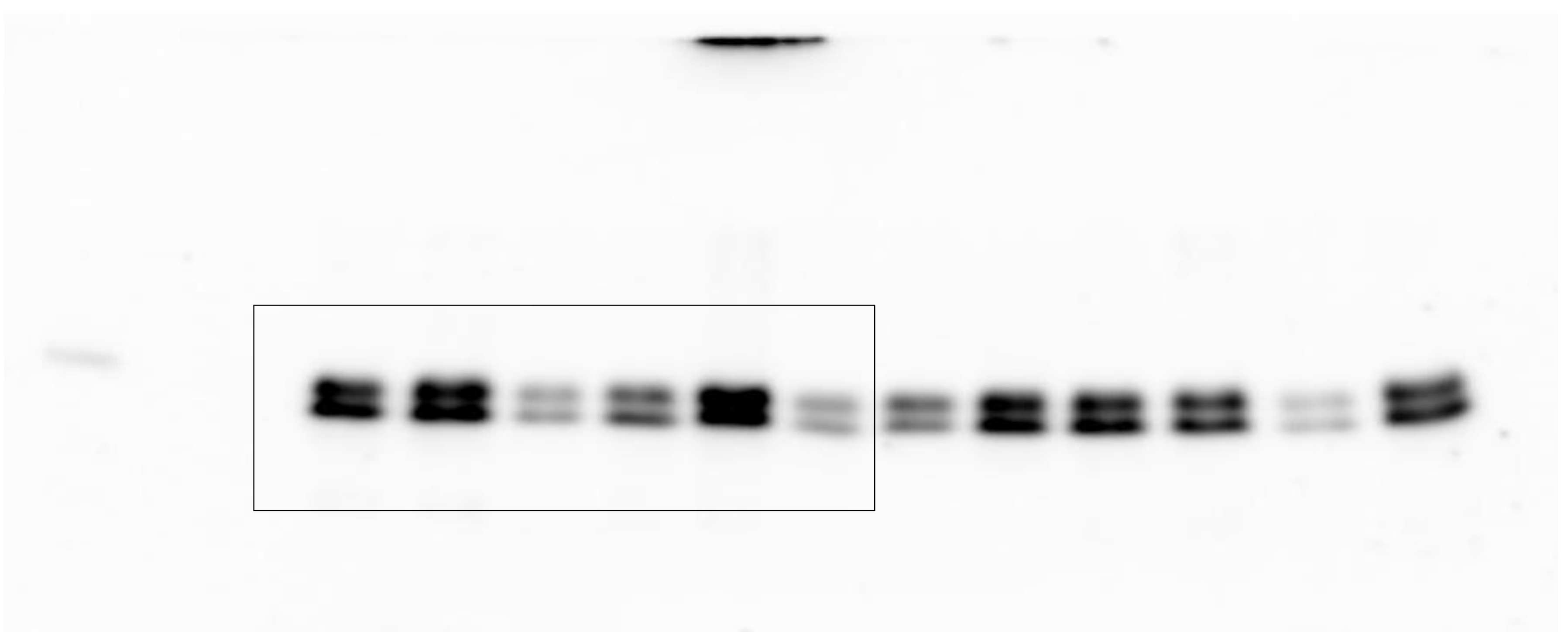
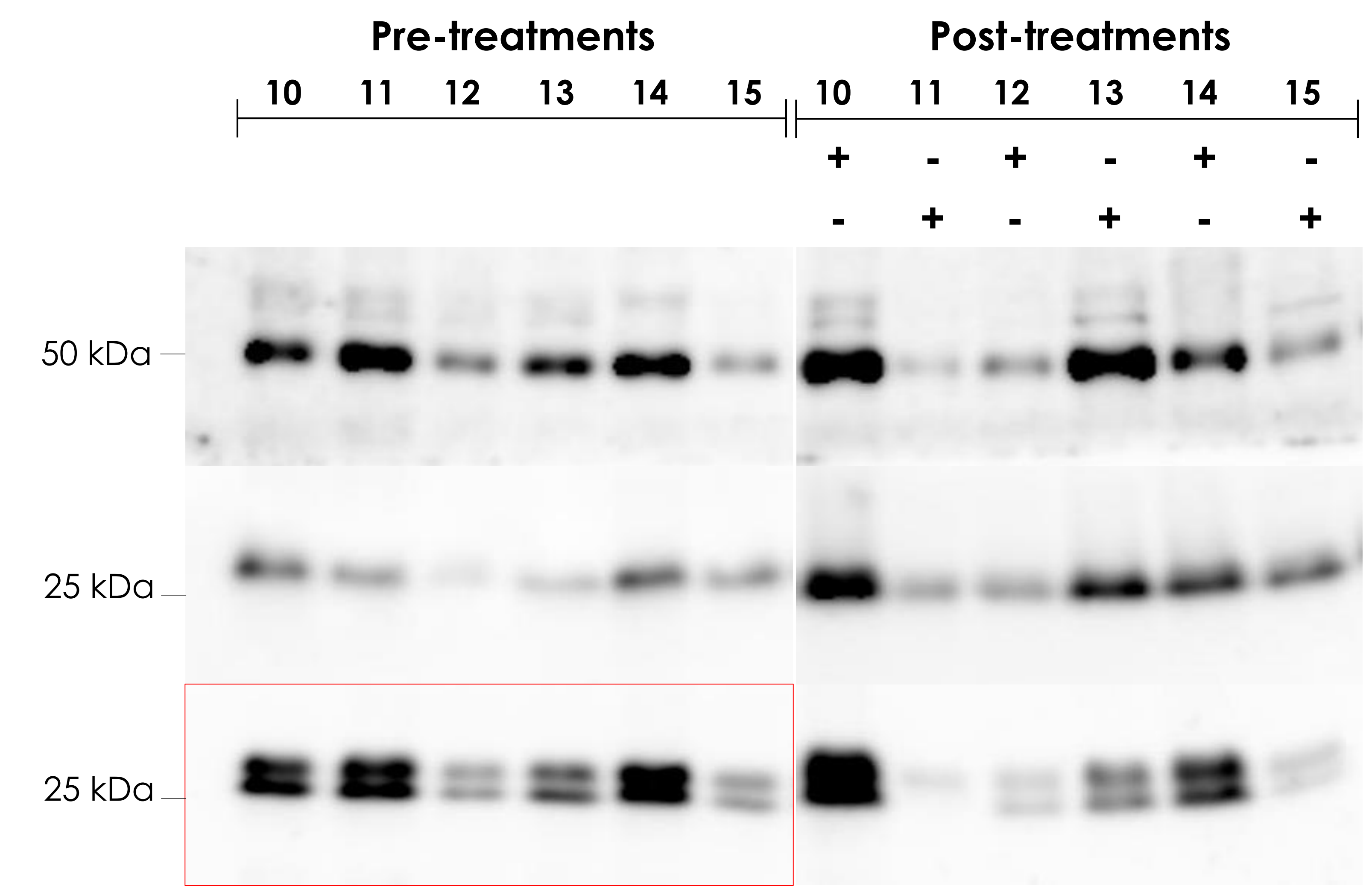


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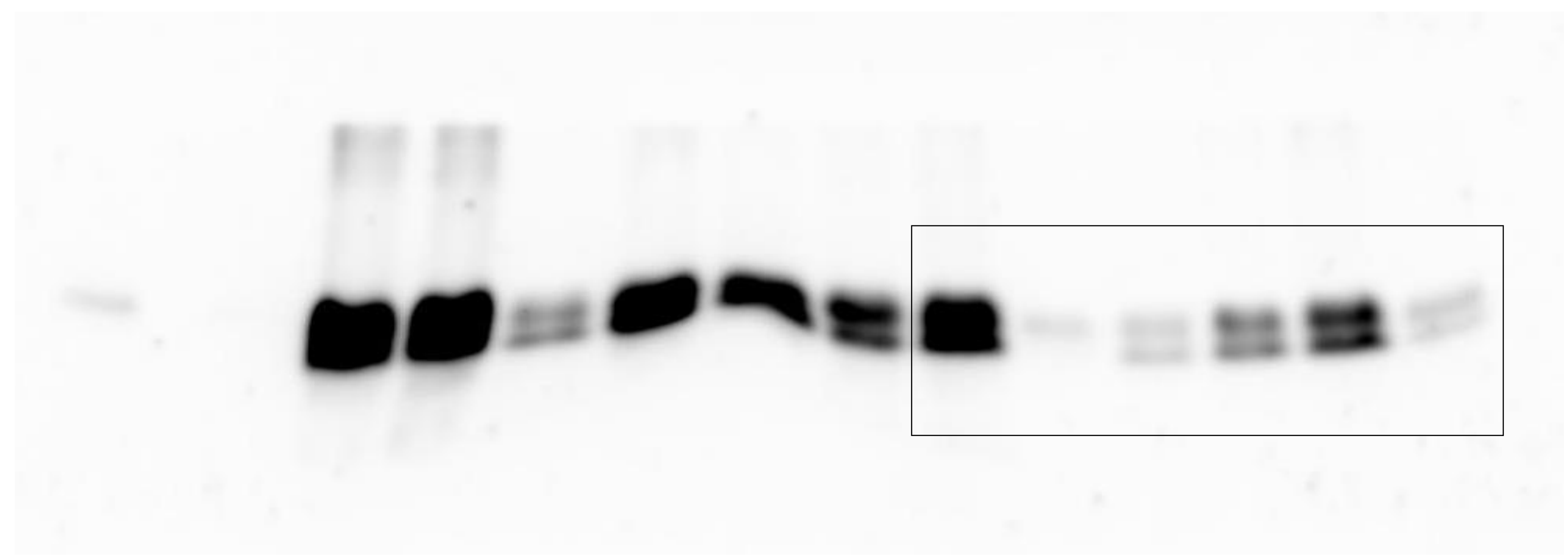
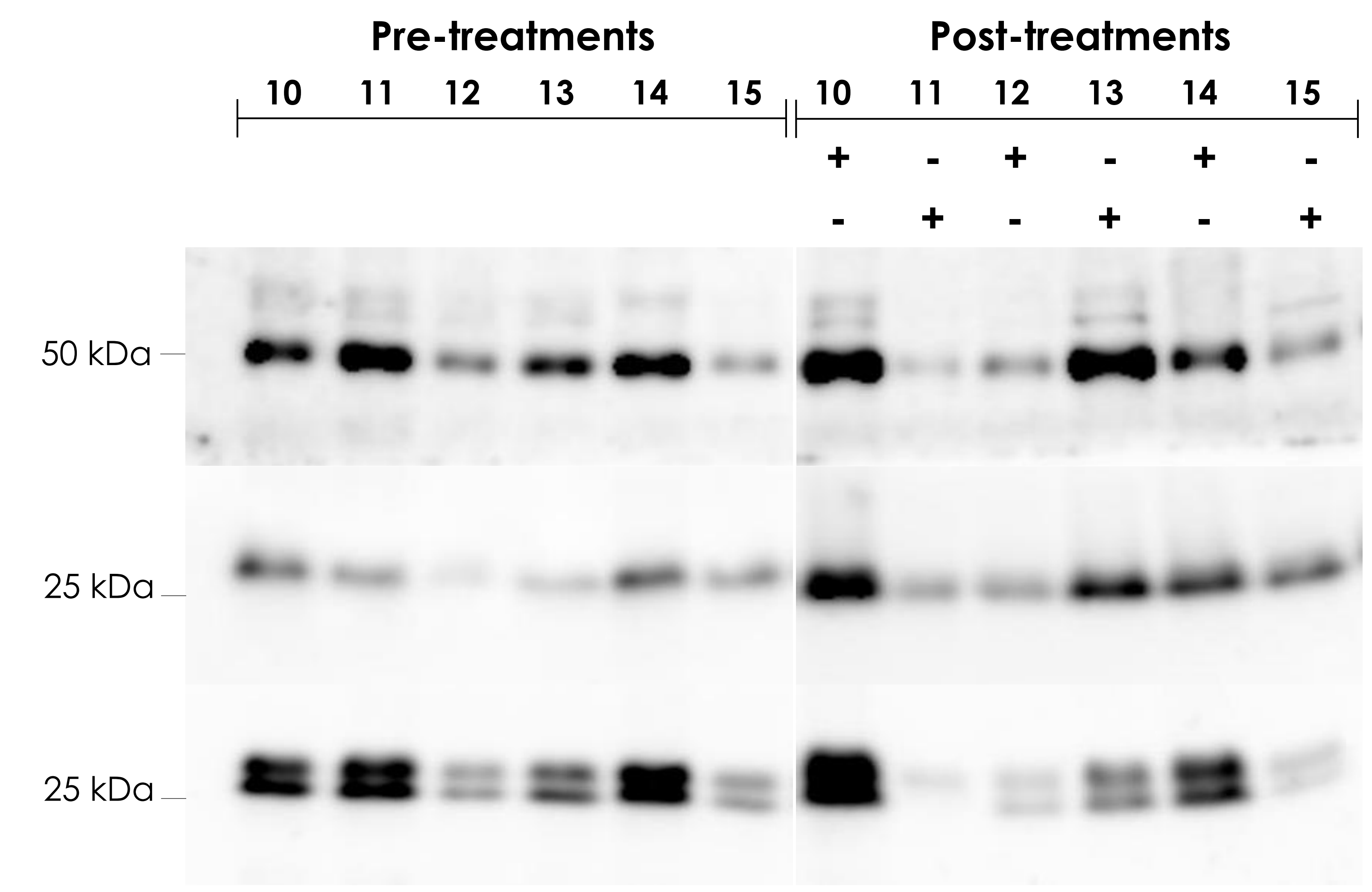
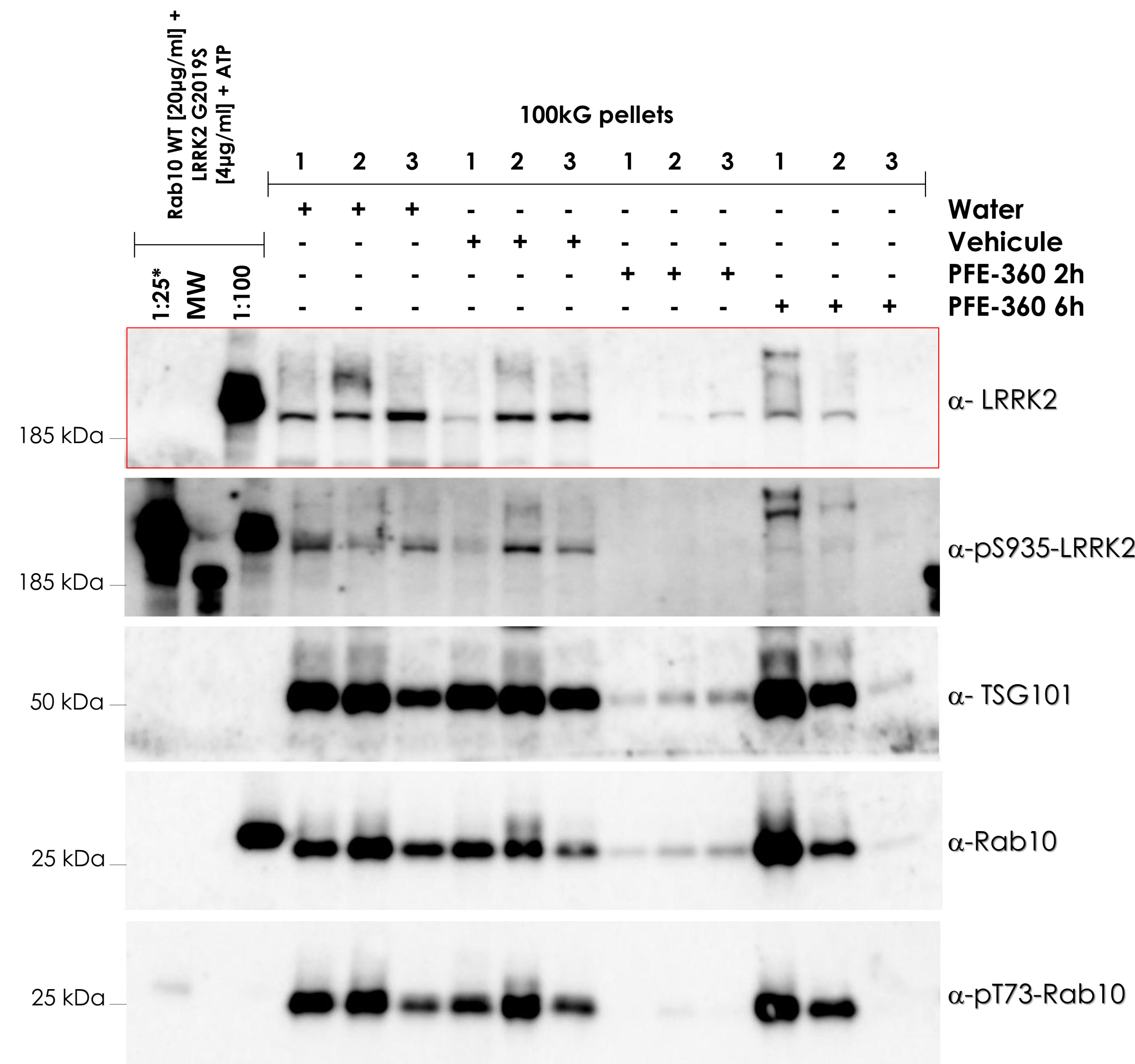


Figure 6a



*Only loaded for α -pS935-LRRK2 and α -pT73-Rab10 antibodies

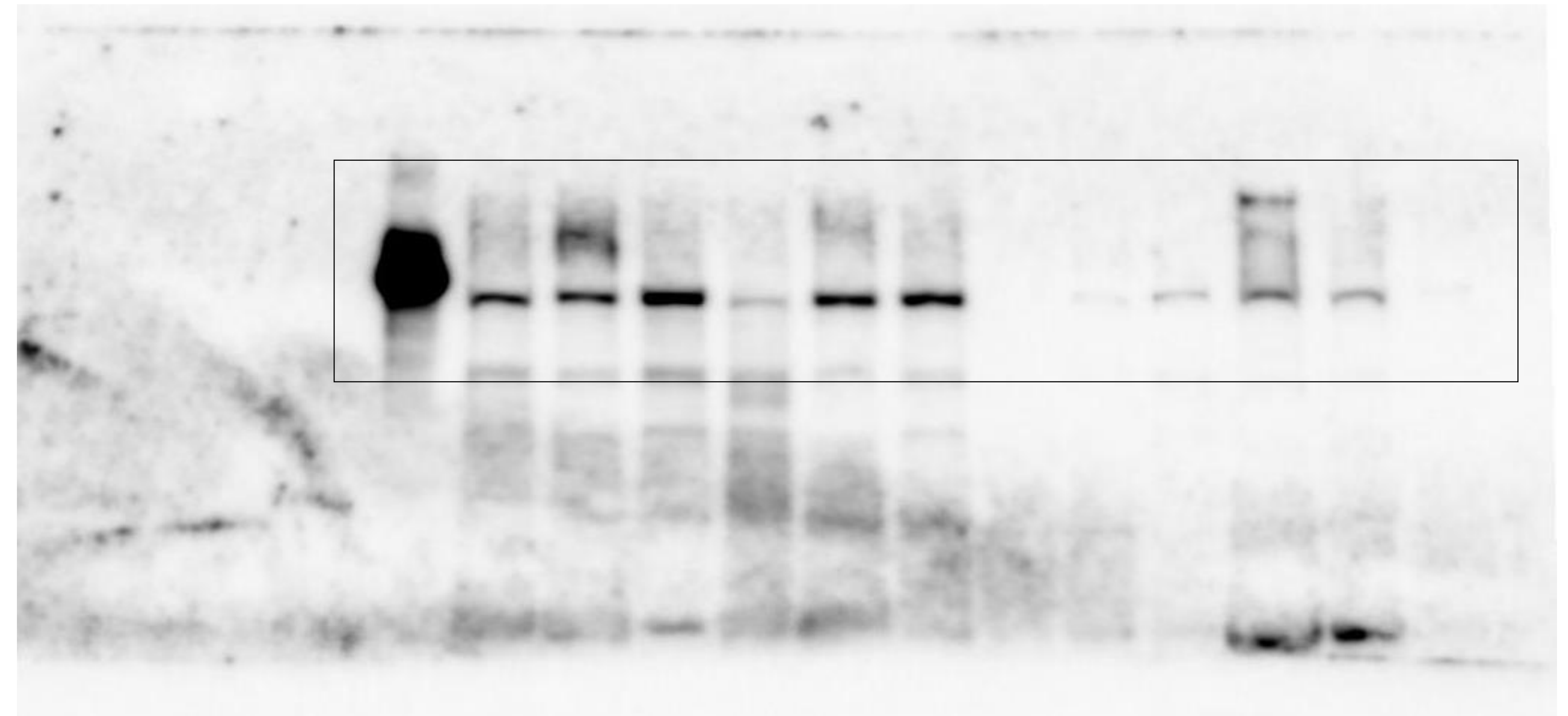
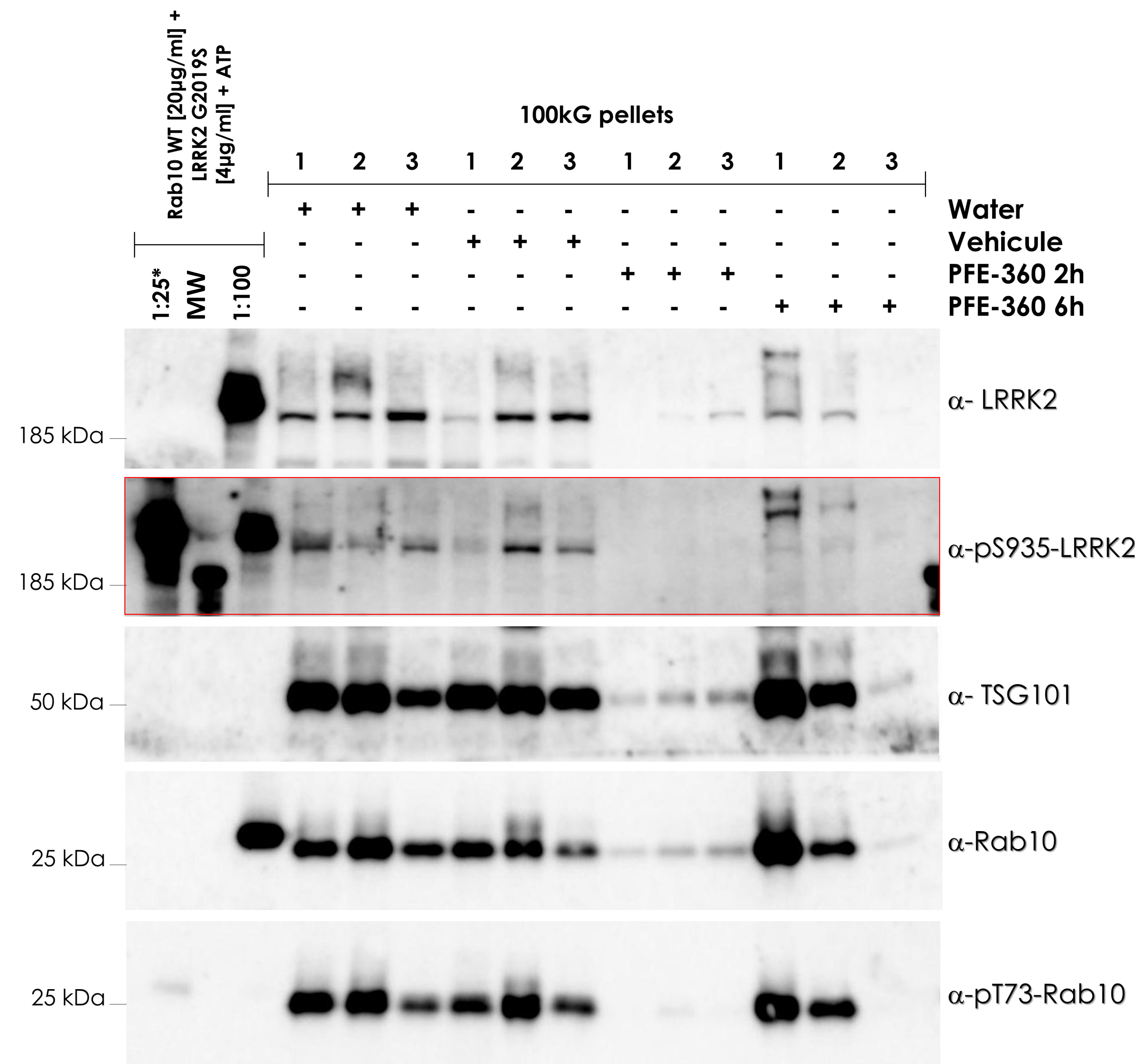


Figure 6a



*Only loaded for α-pS935-LRRK2 and α-pT73-Rab10 antibodies

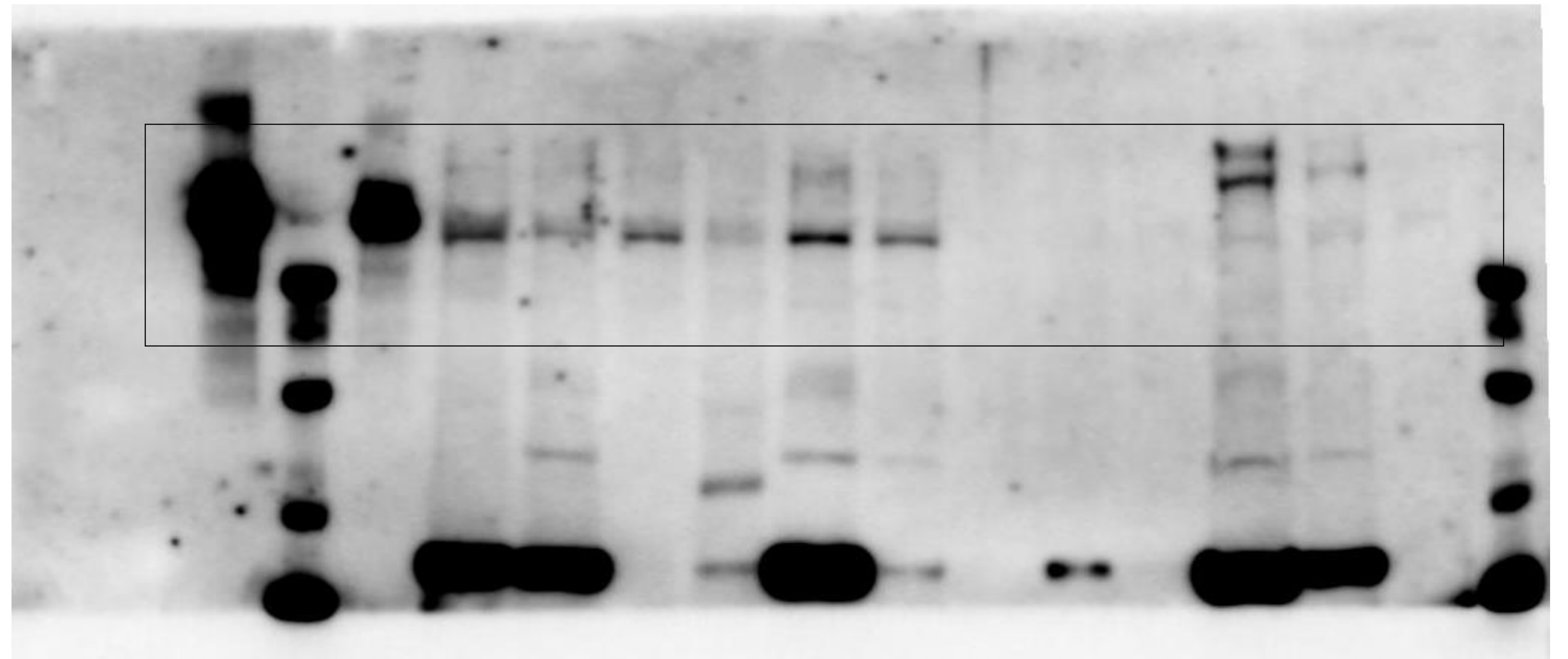
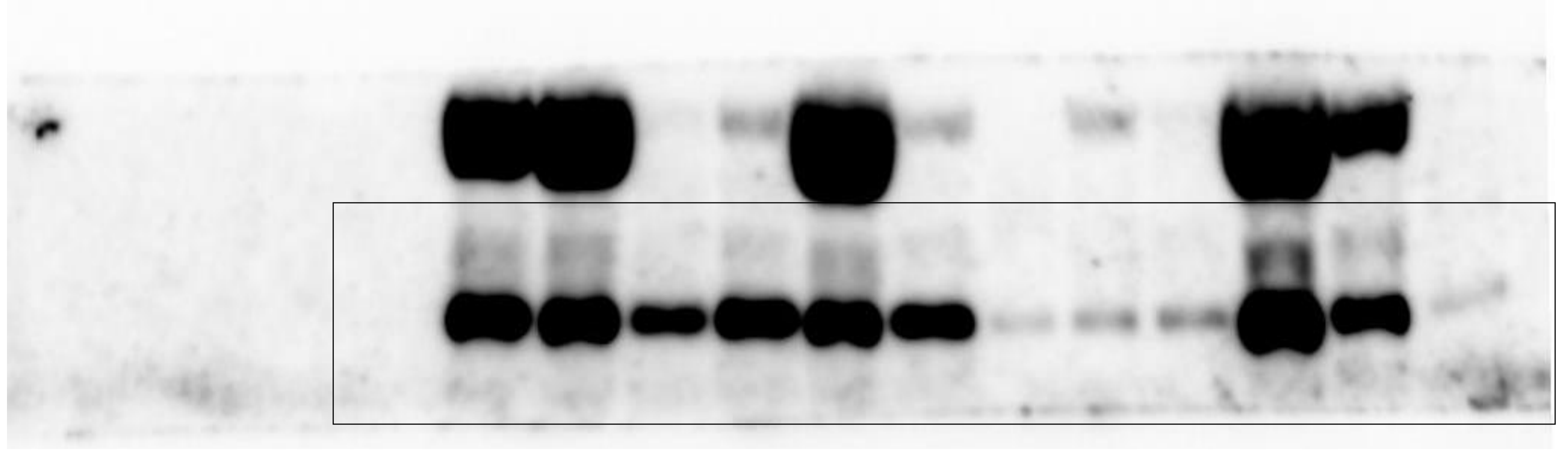
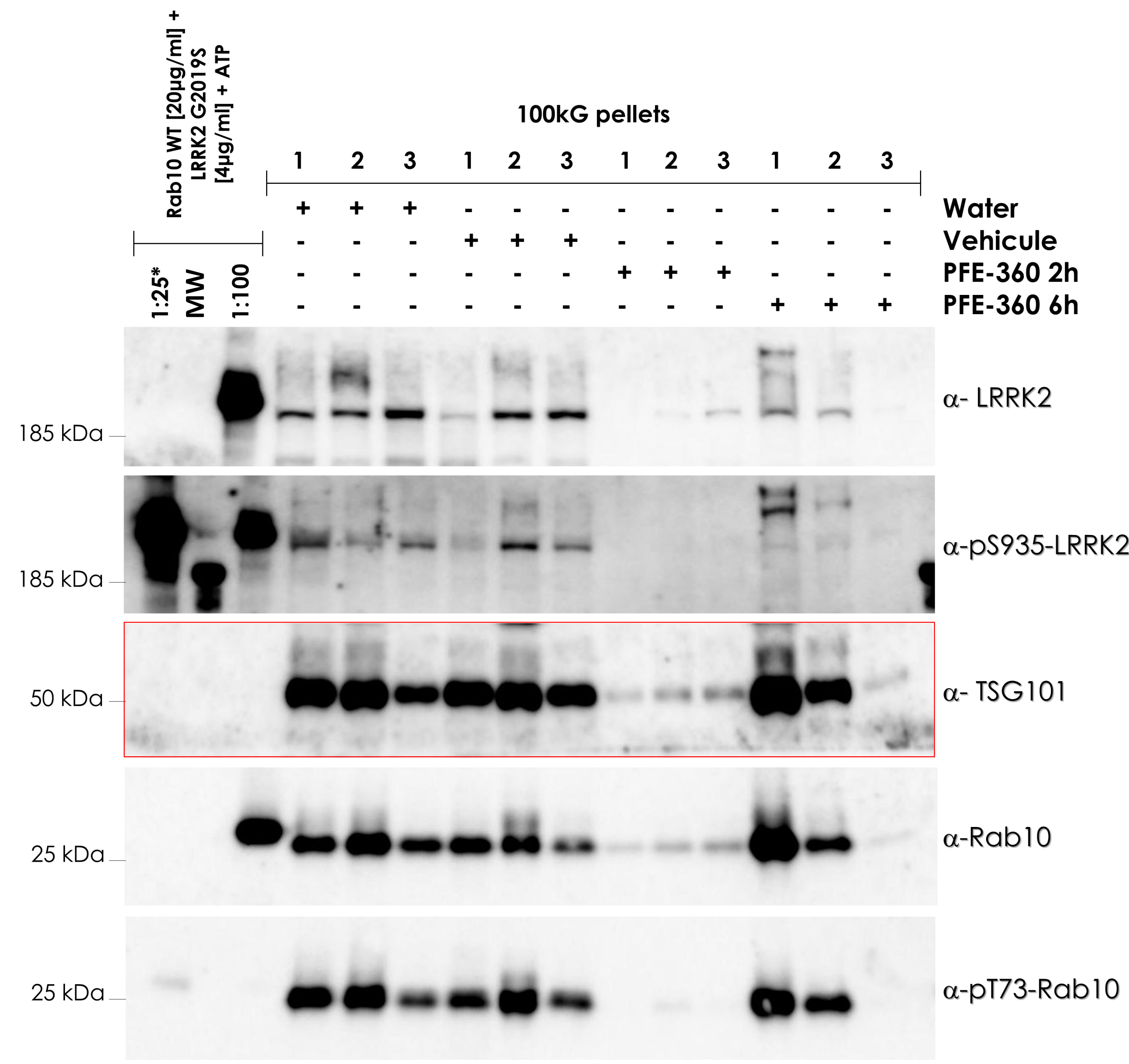
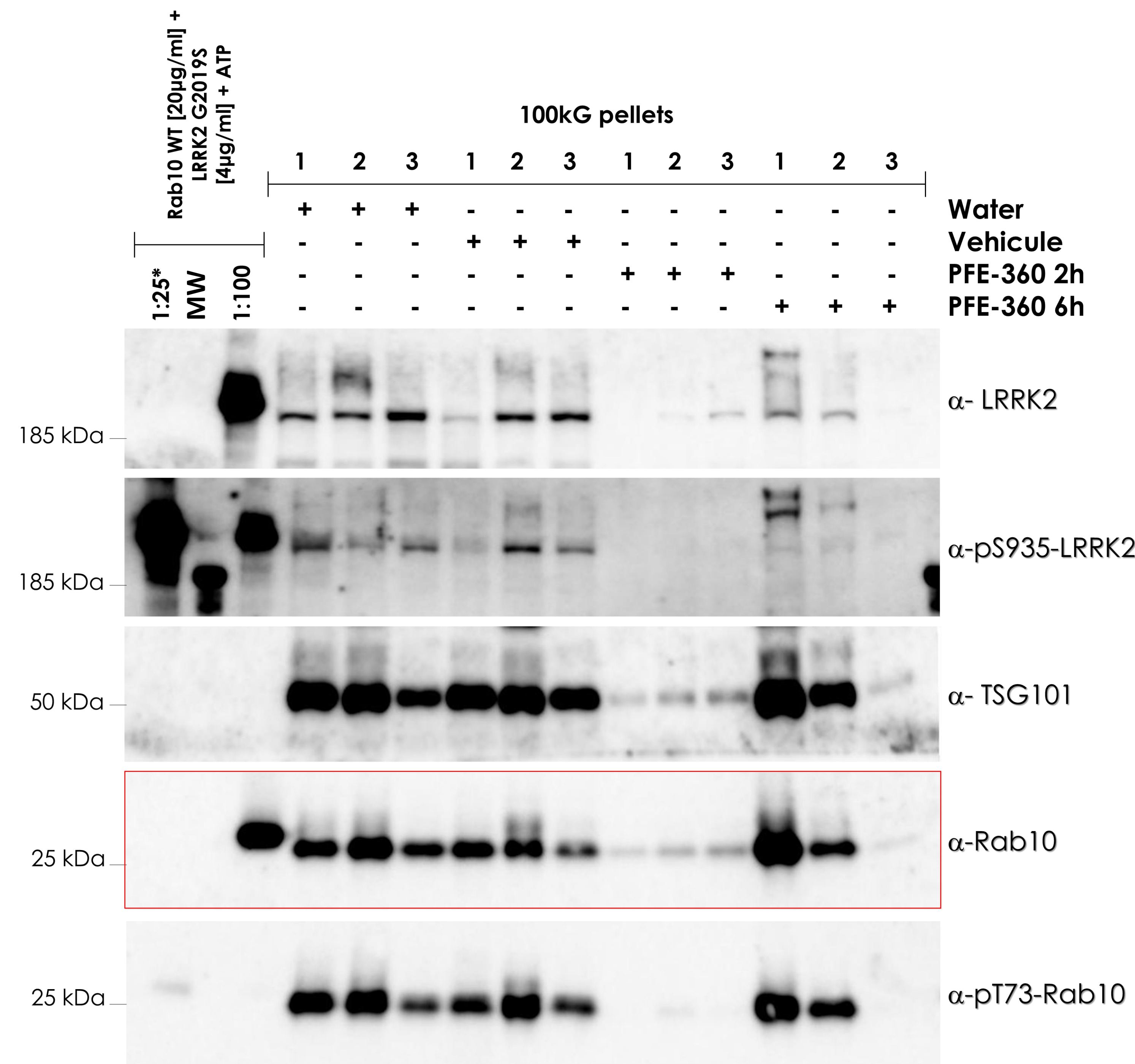


Figure 6a



*Only loaded for α-pS935-LRRK2 and α-pT73-Rab10 antibodies

Figure 6a



*Only loaded for α-pS935-LRRK2 and α-pT73-Rab10 antibodies

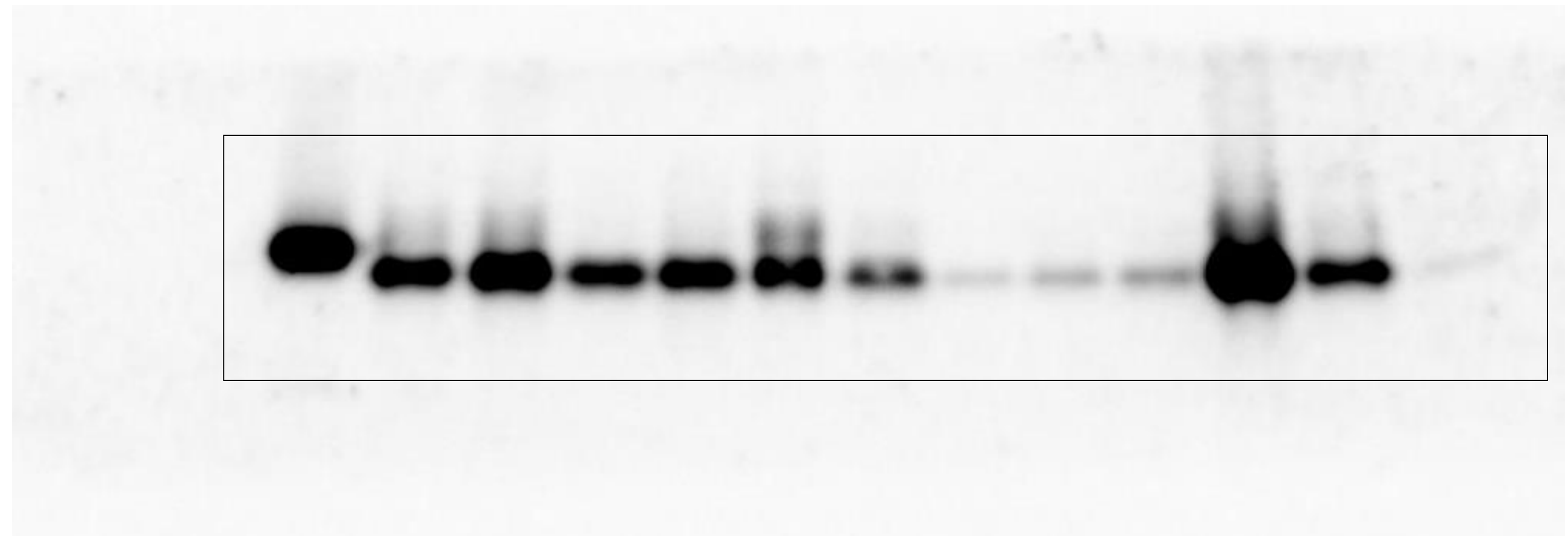
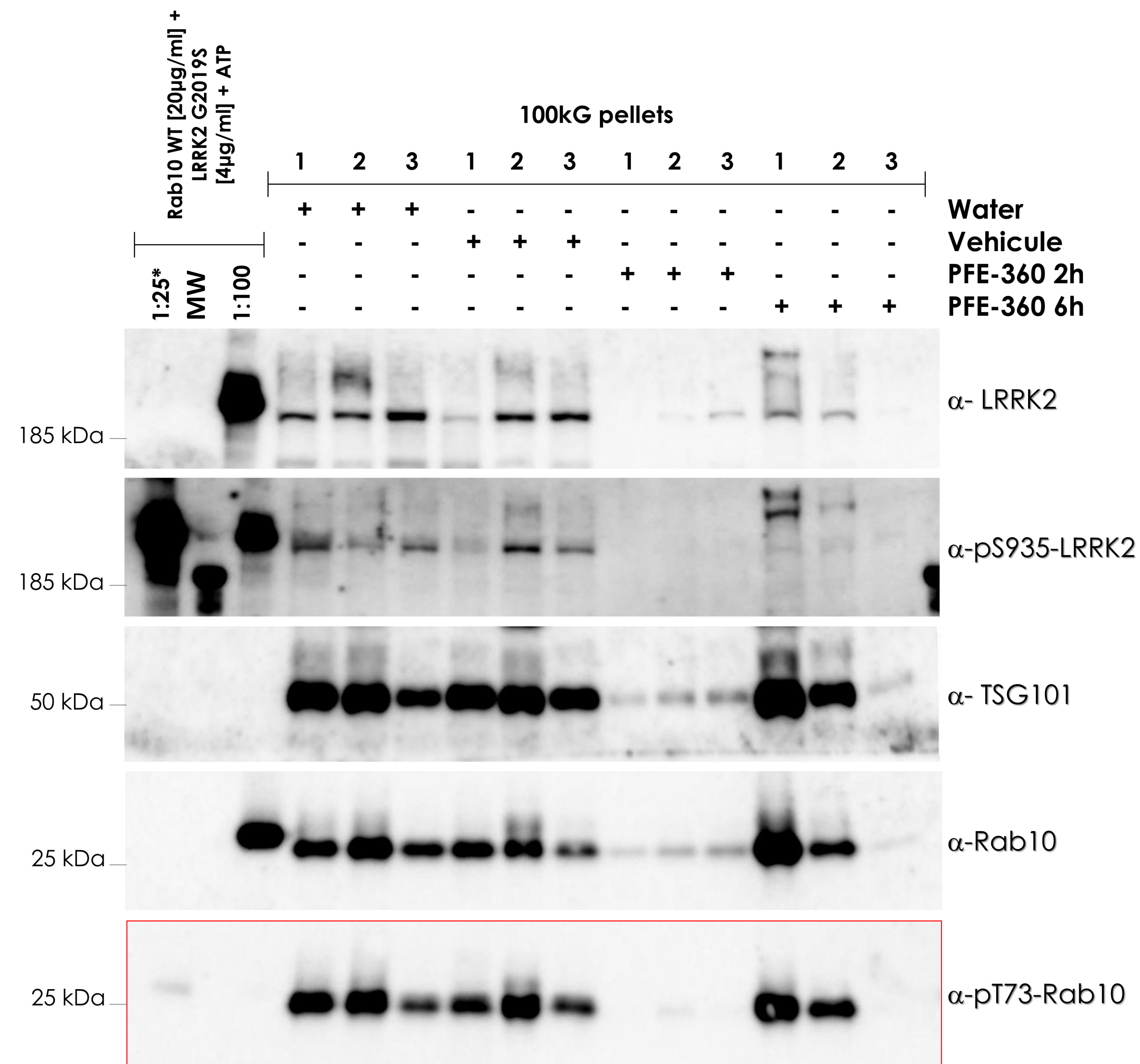
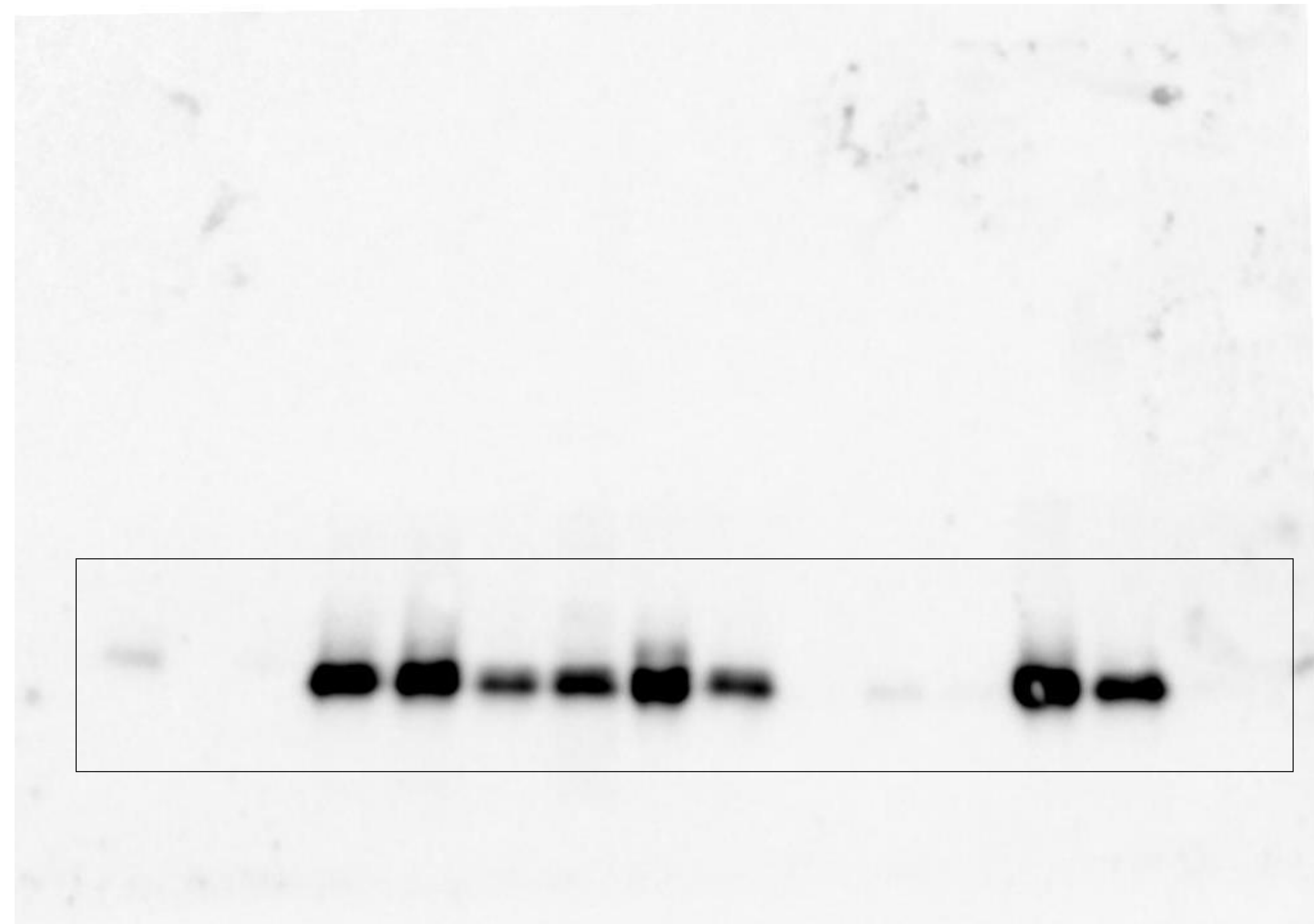


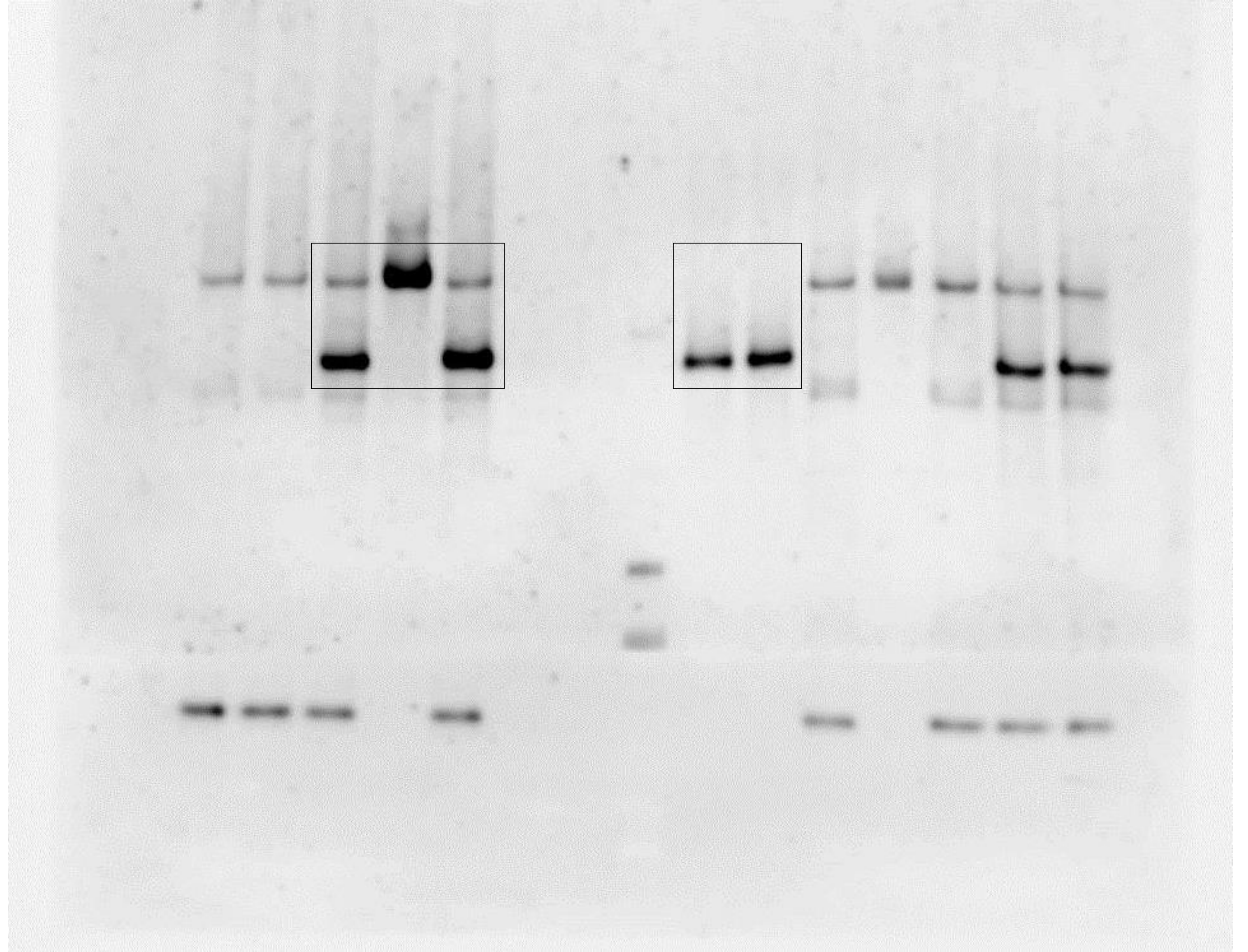
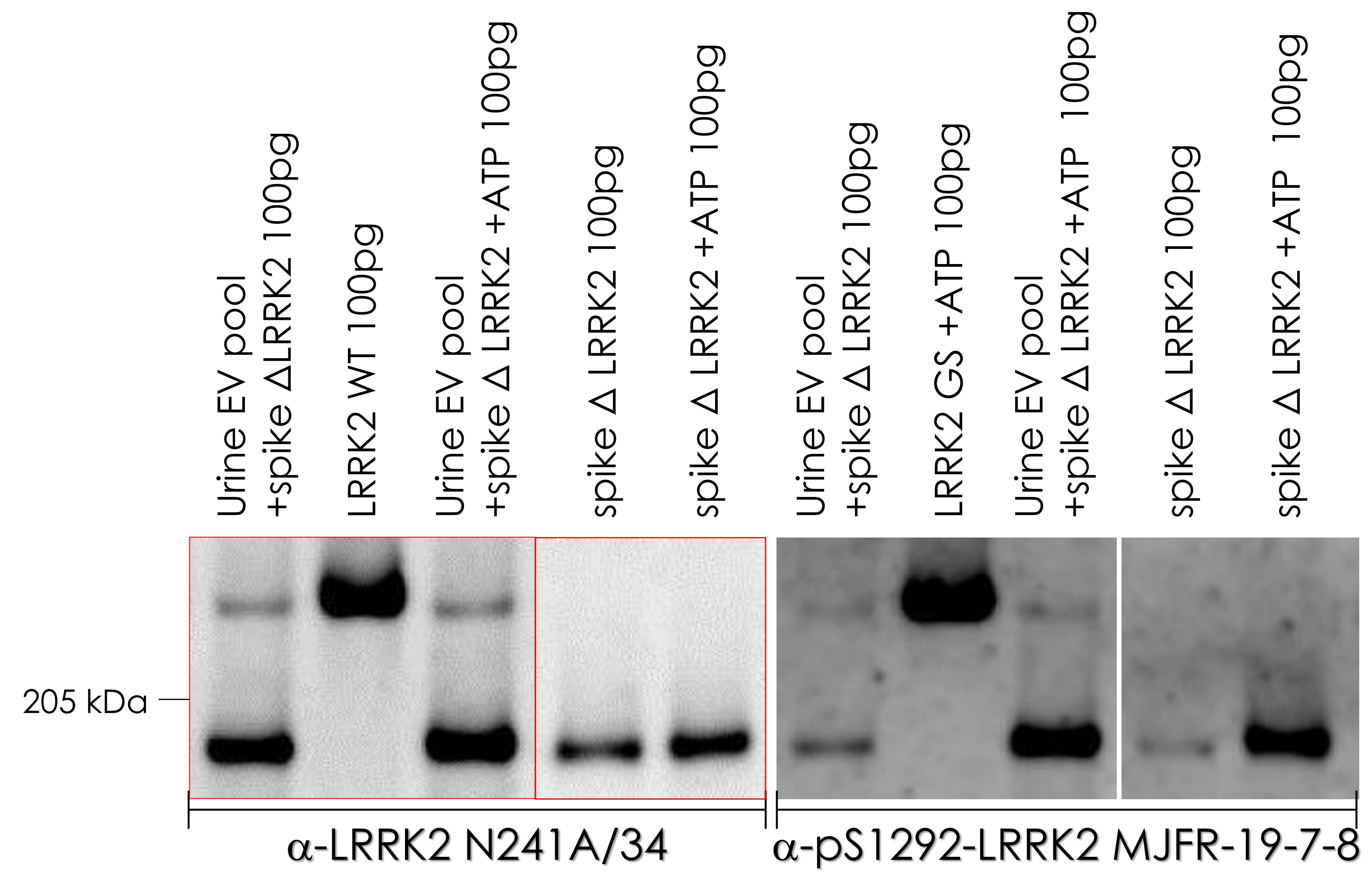
Figure 6a



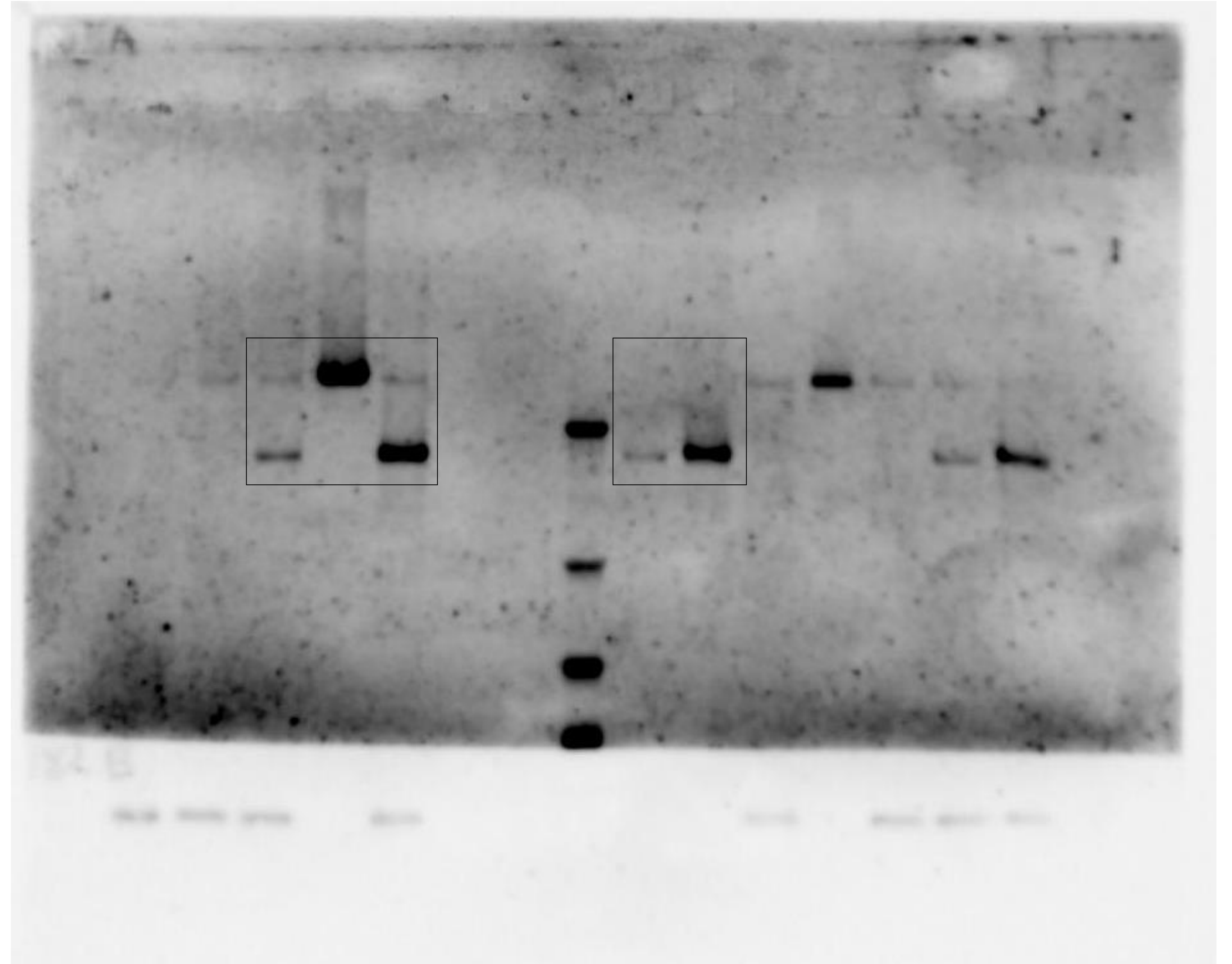
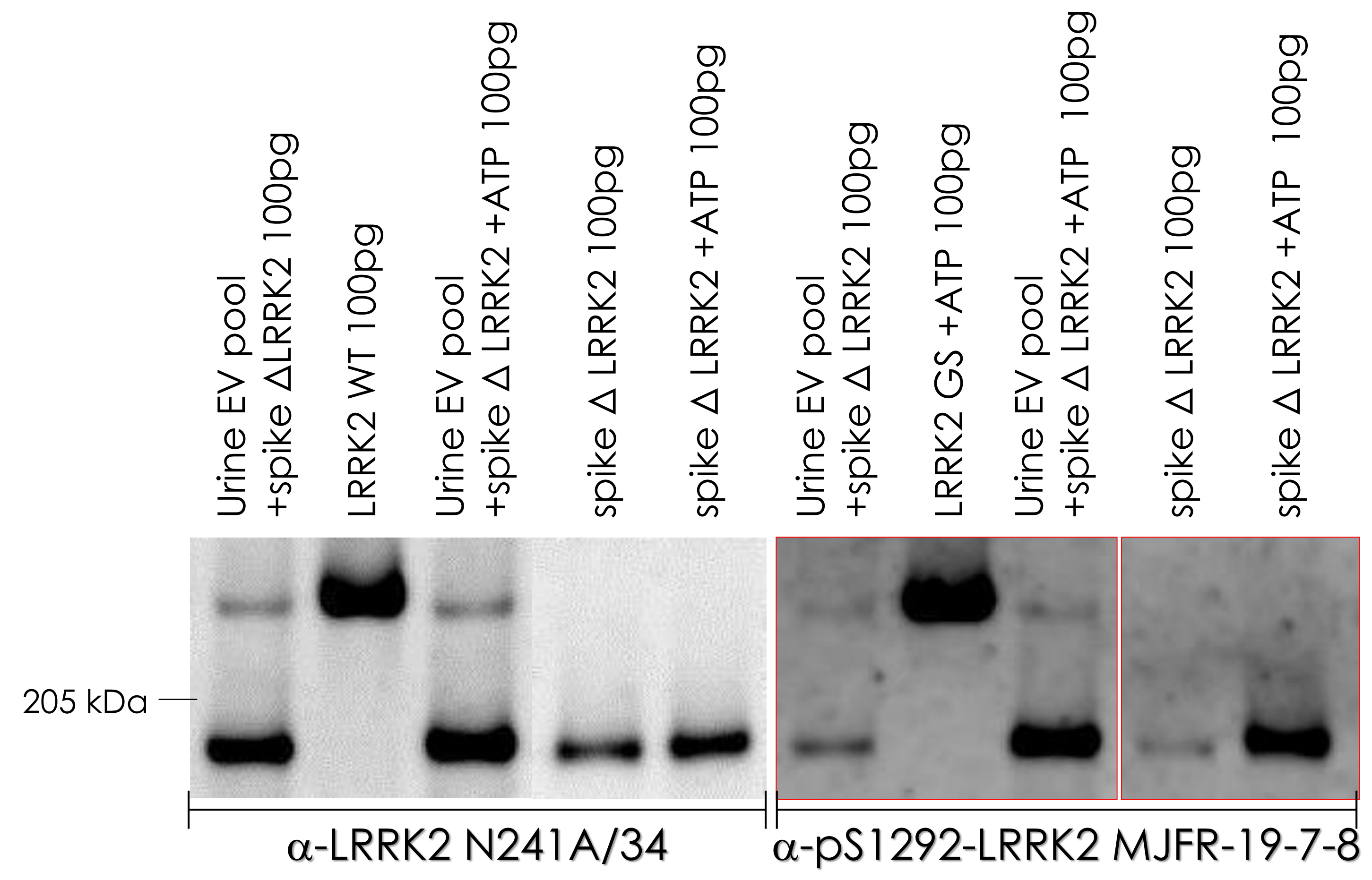
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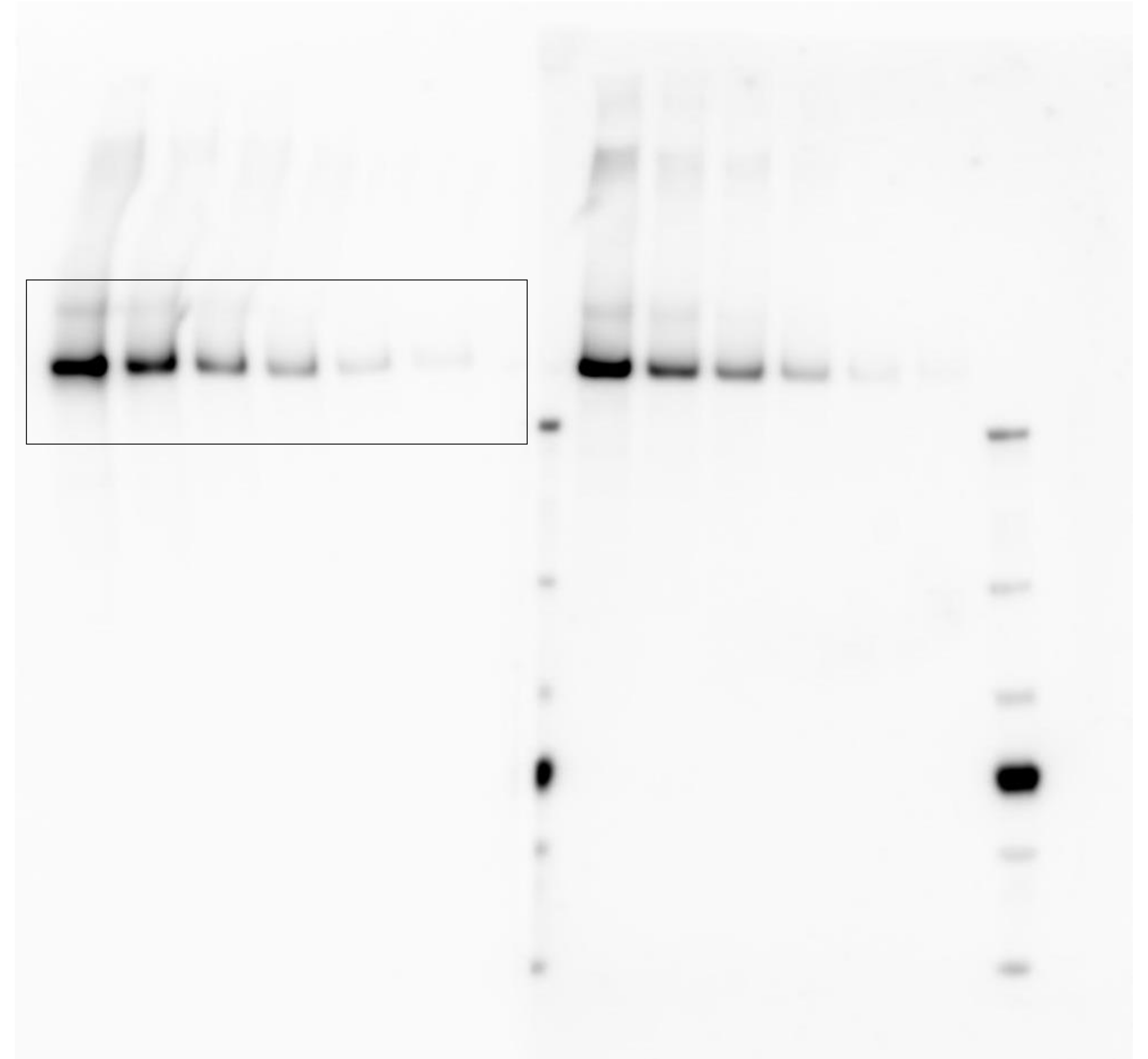
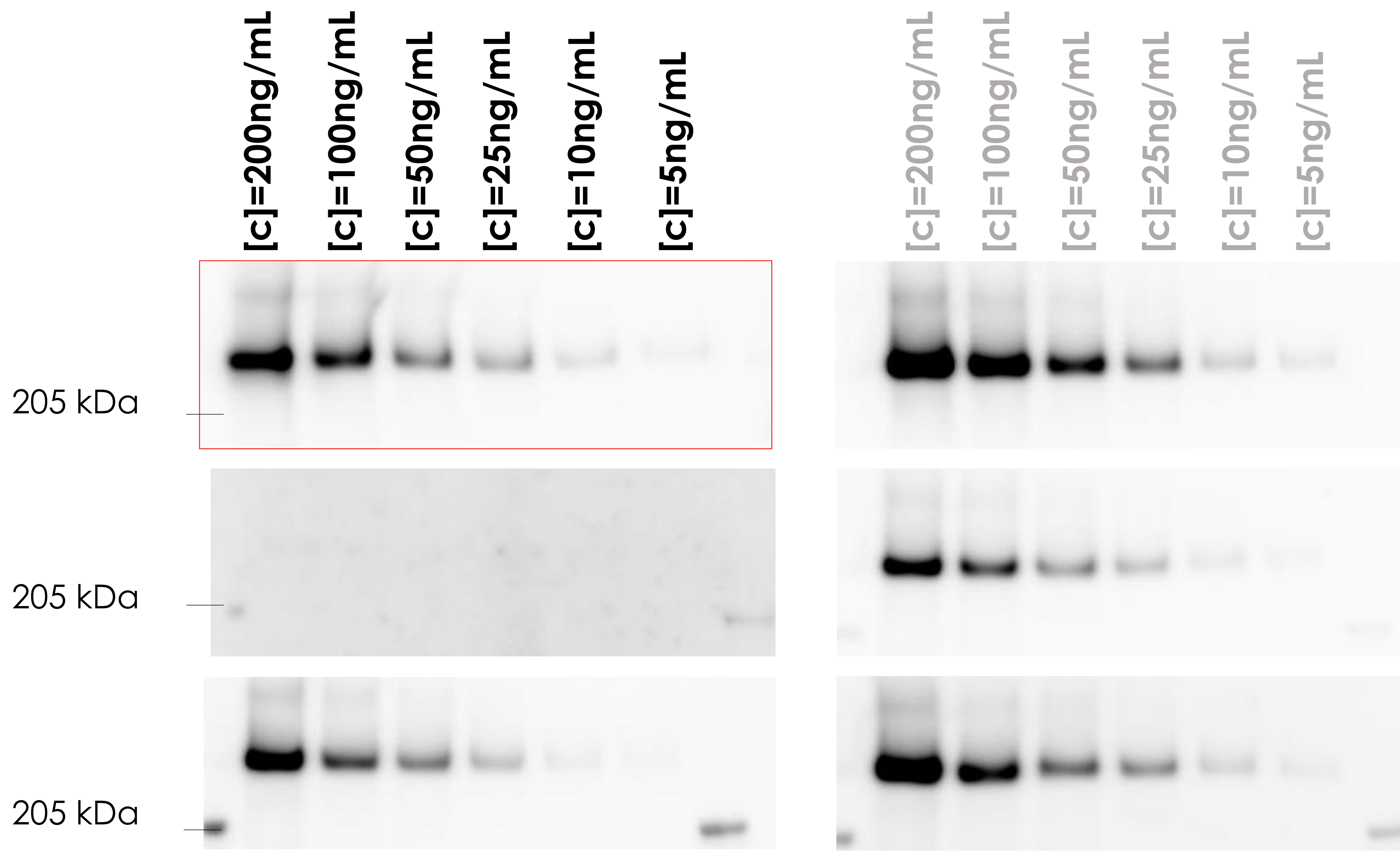
Suppl Figure 1b



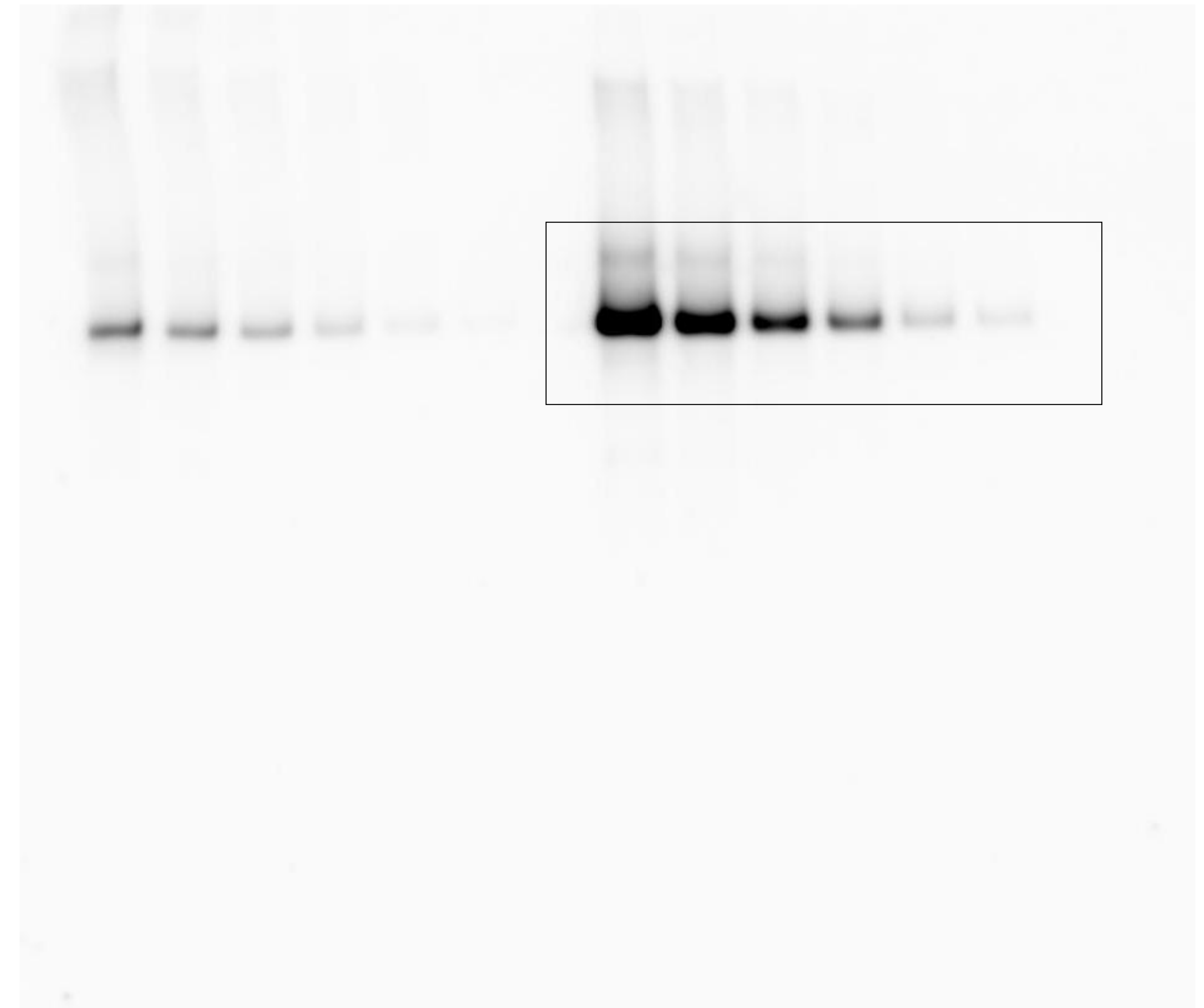
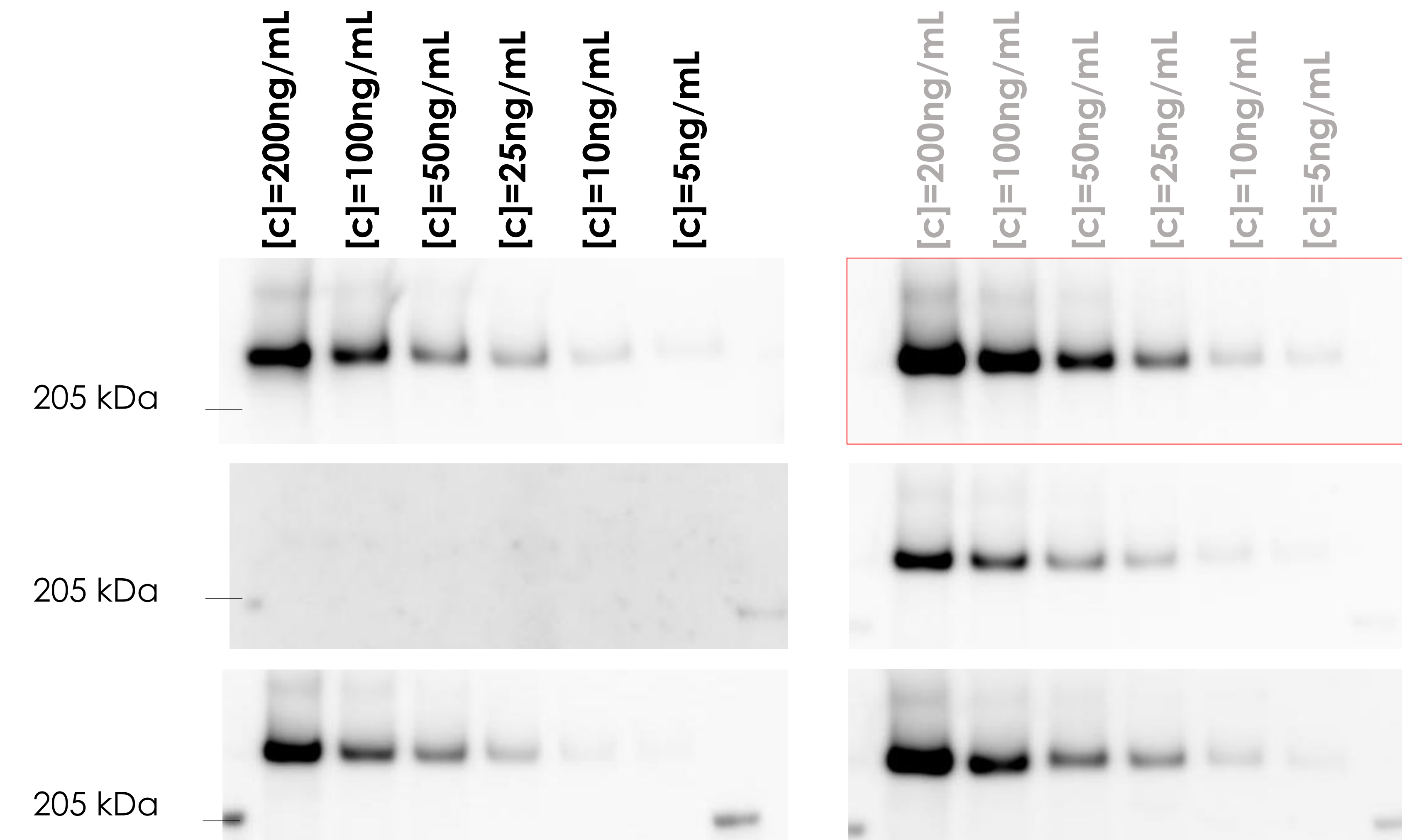
Suppl Figure 1b



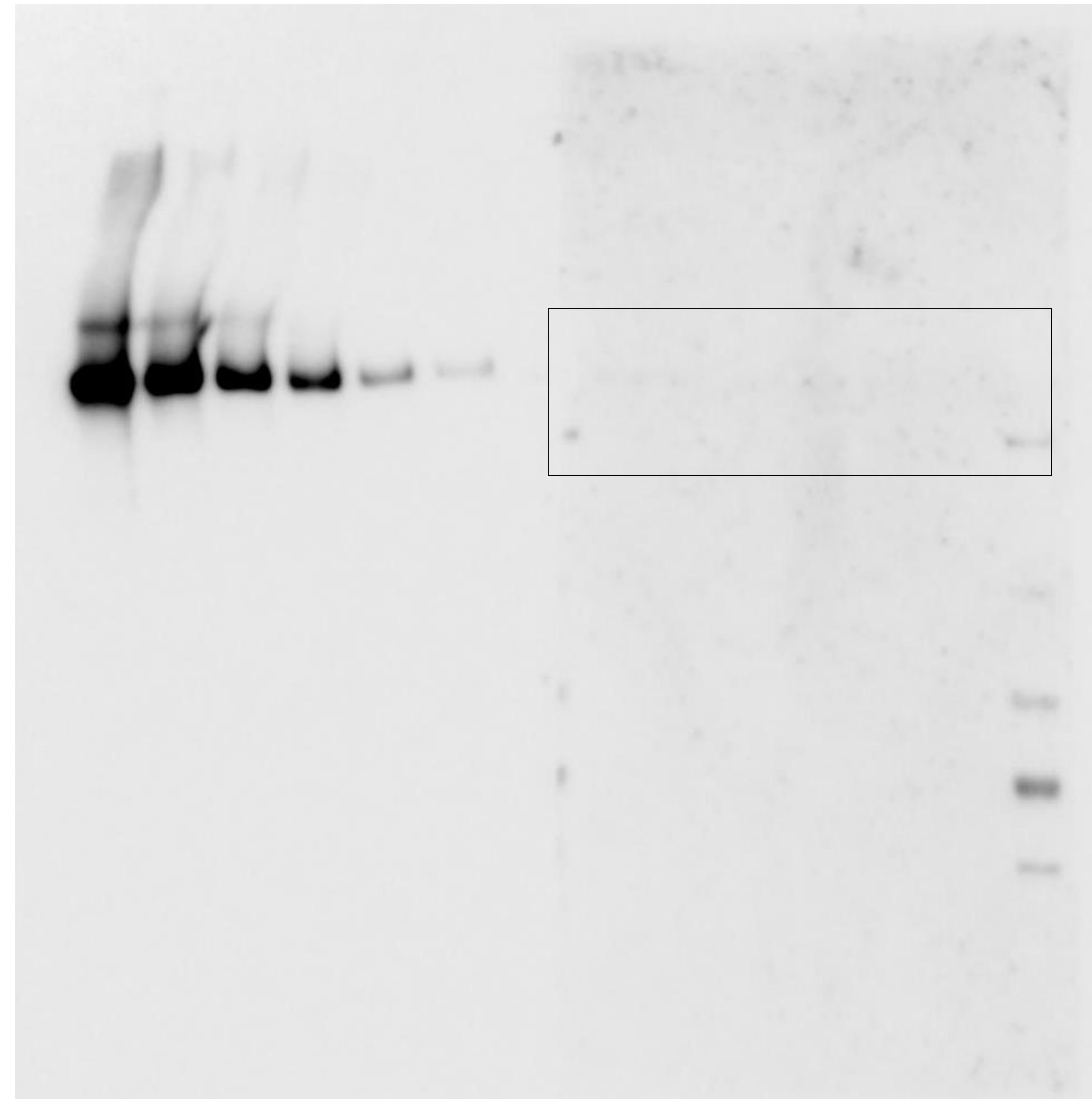
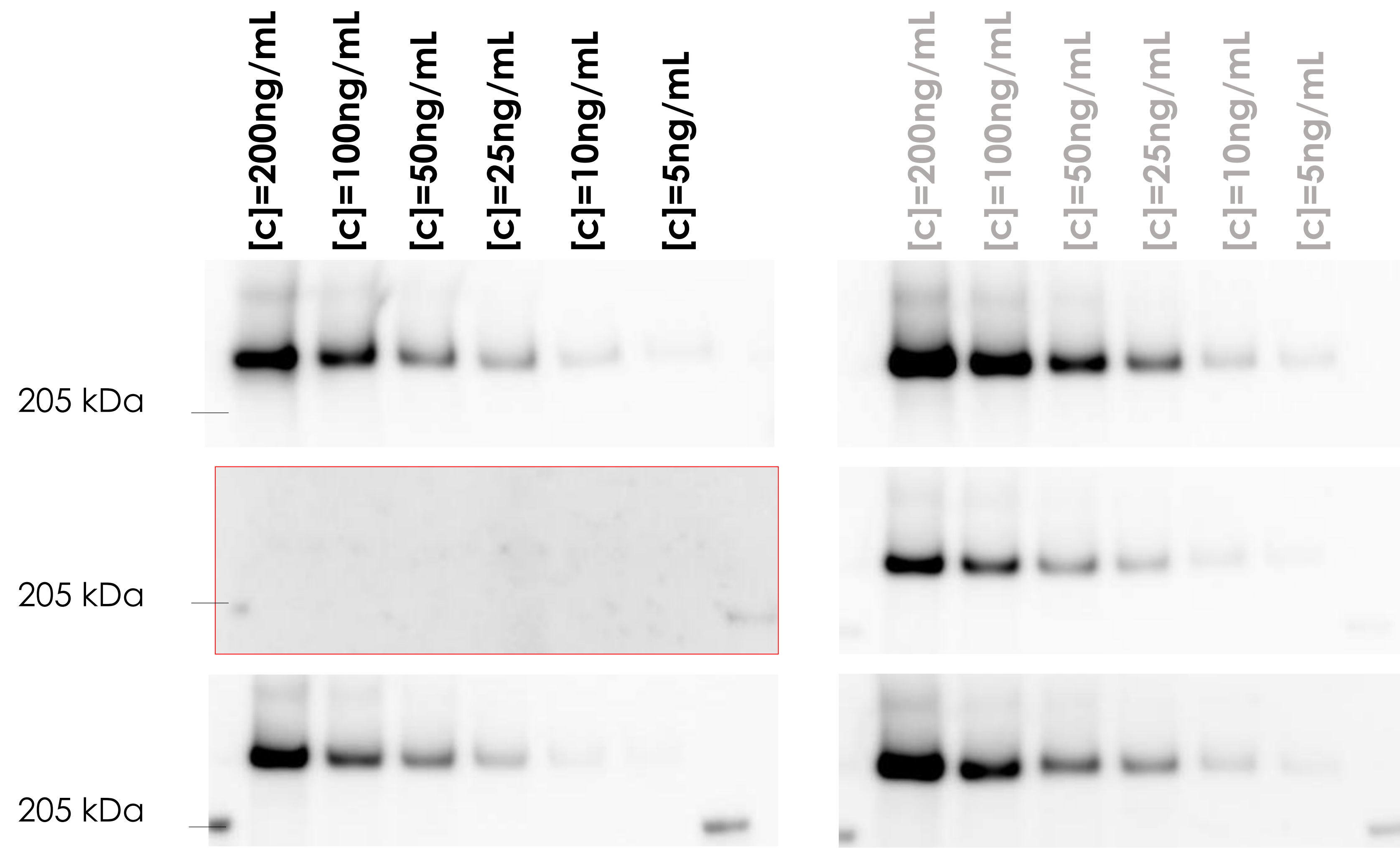
Suppl Figure 3a



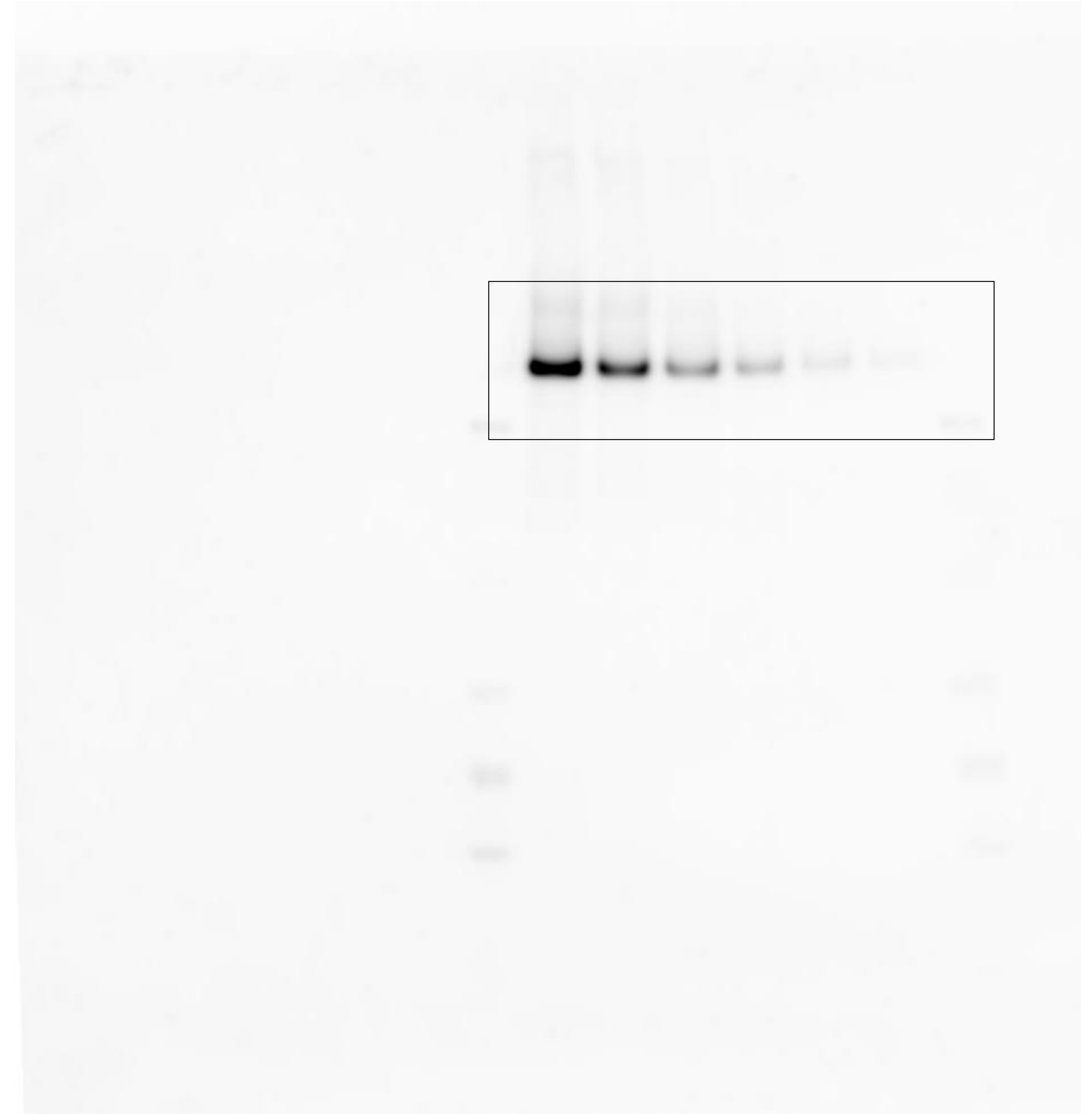
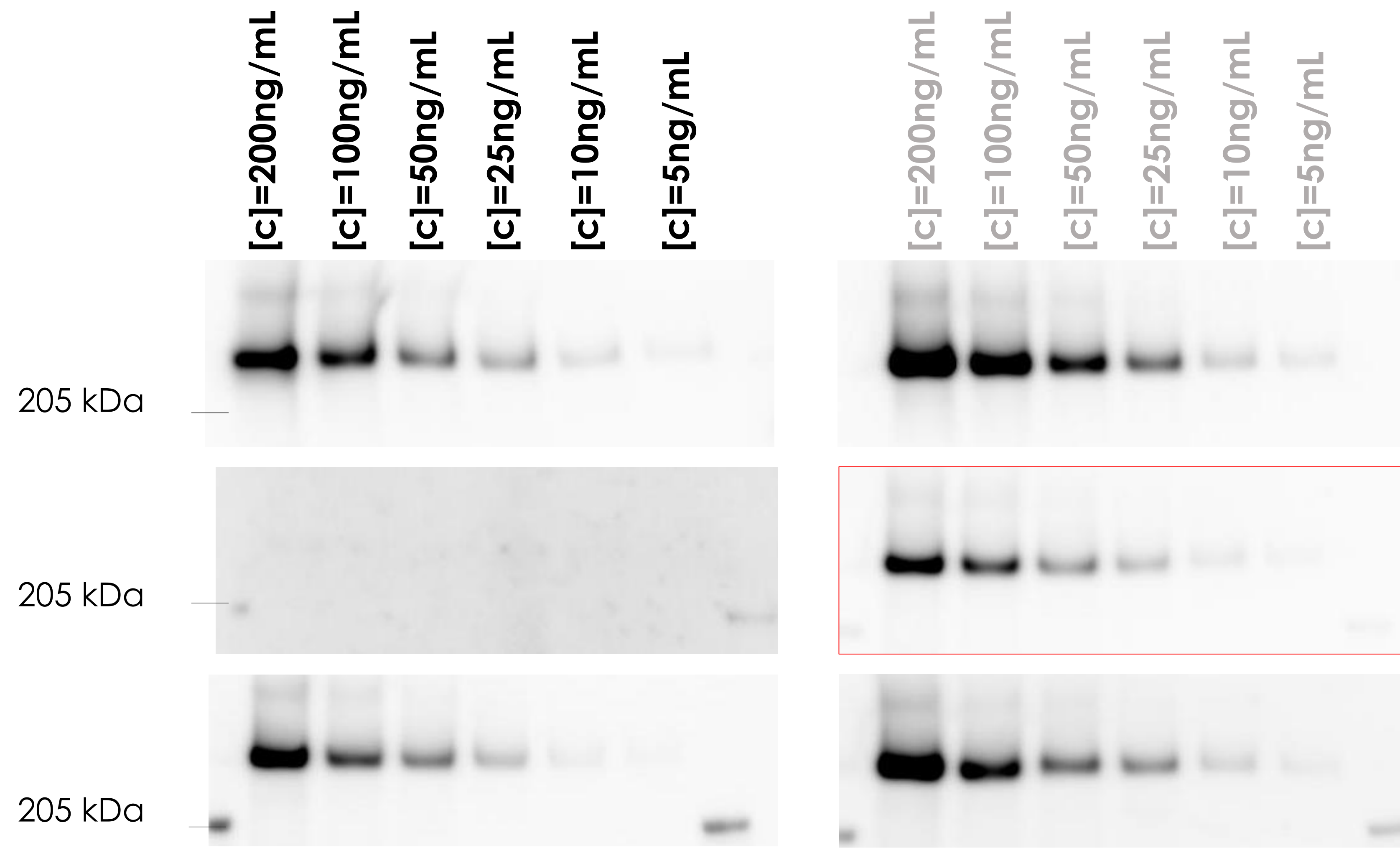
Suppl Figure 3a



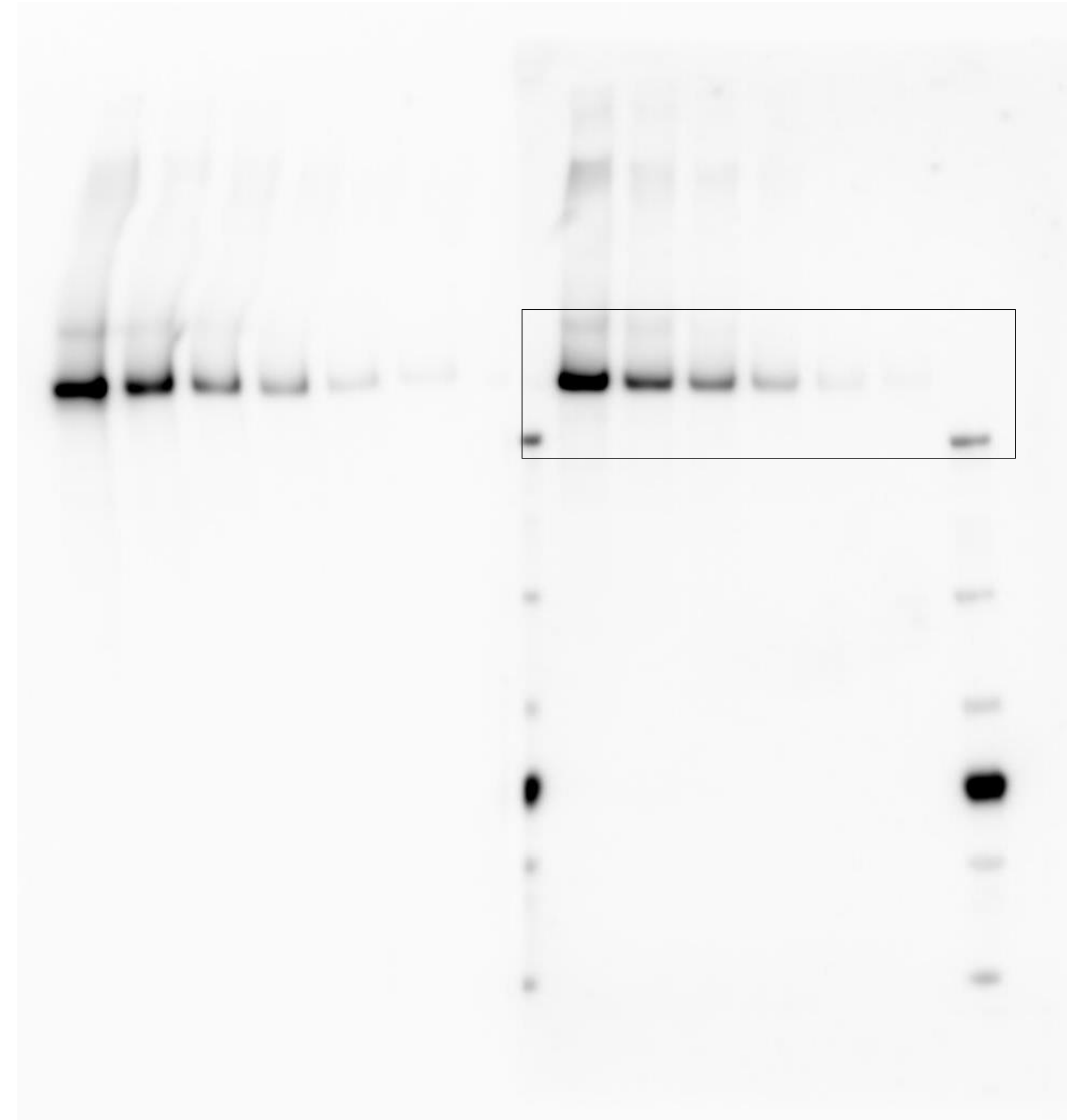
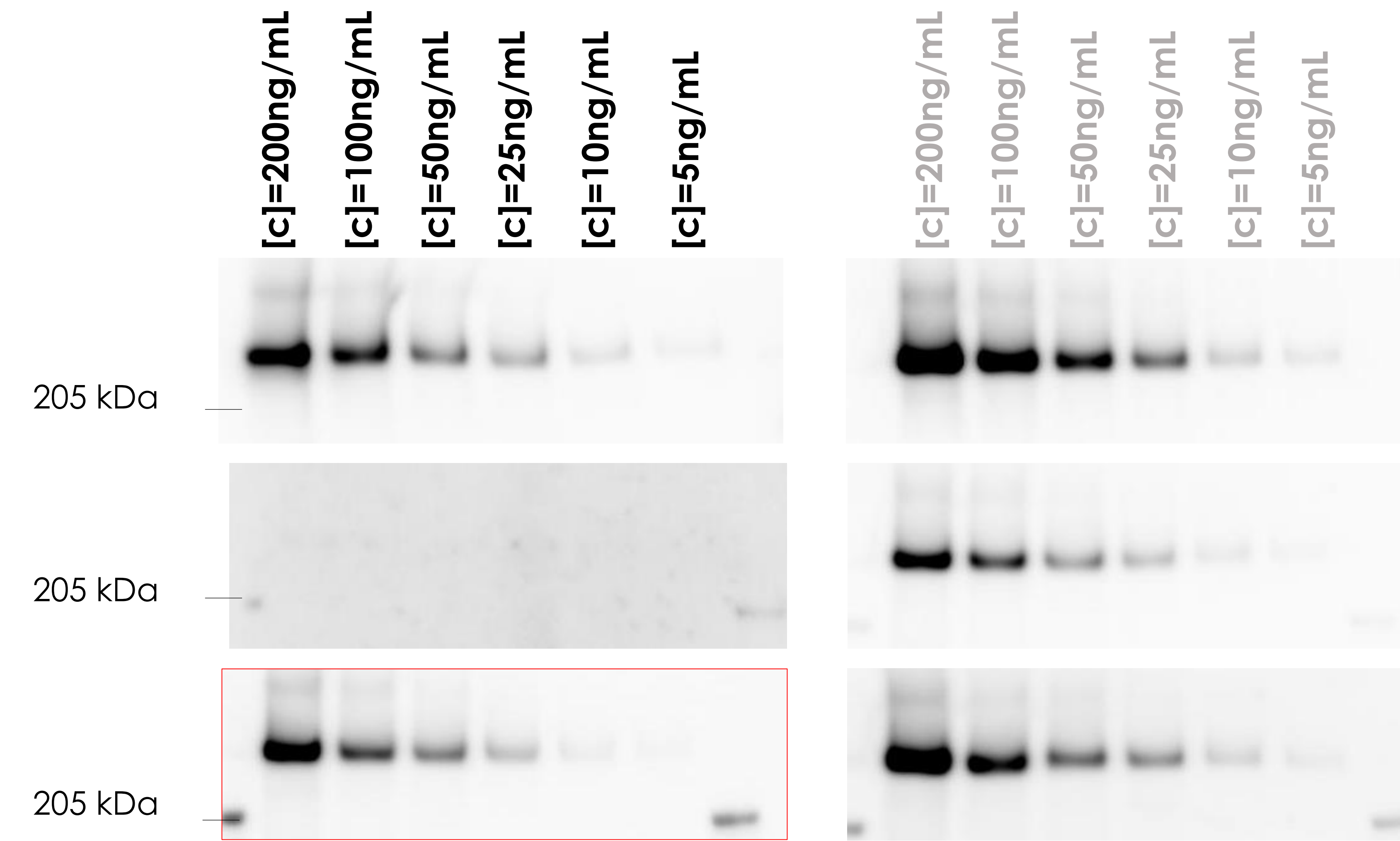
Suppl Figure 3a



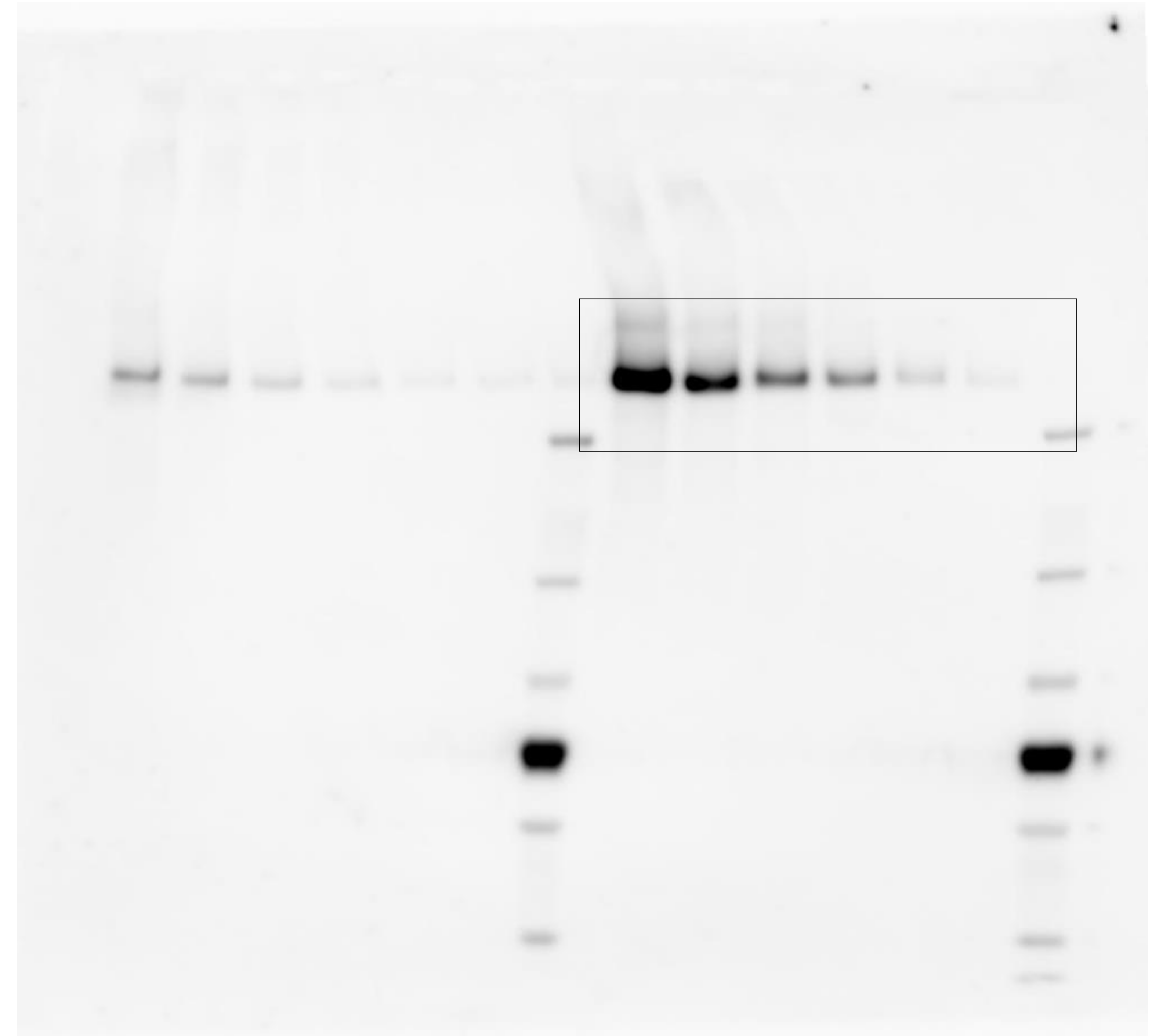
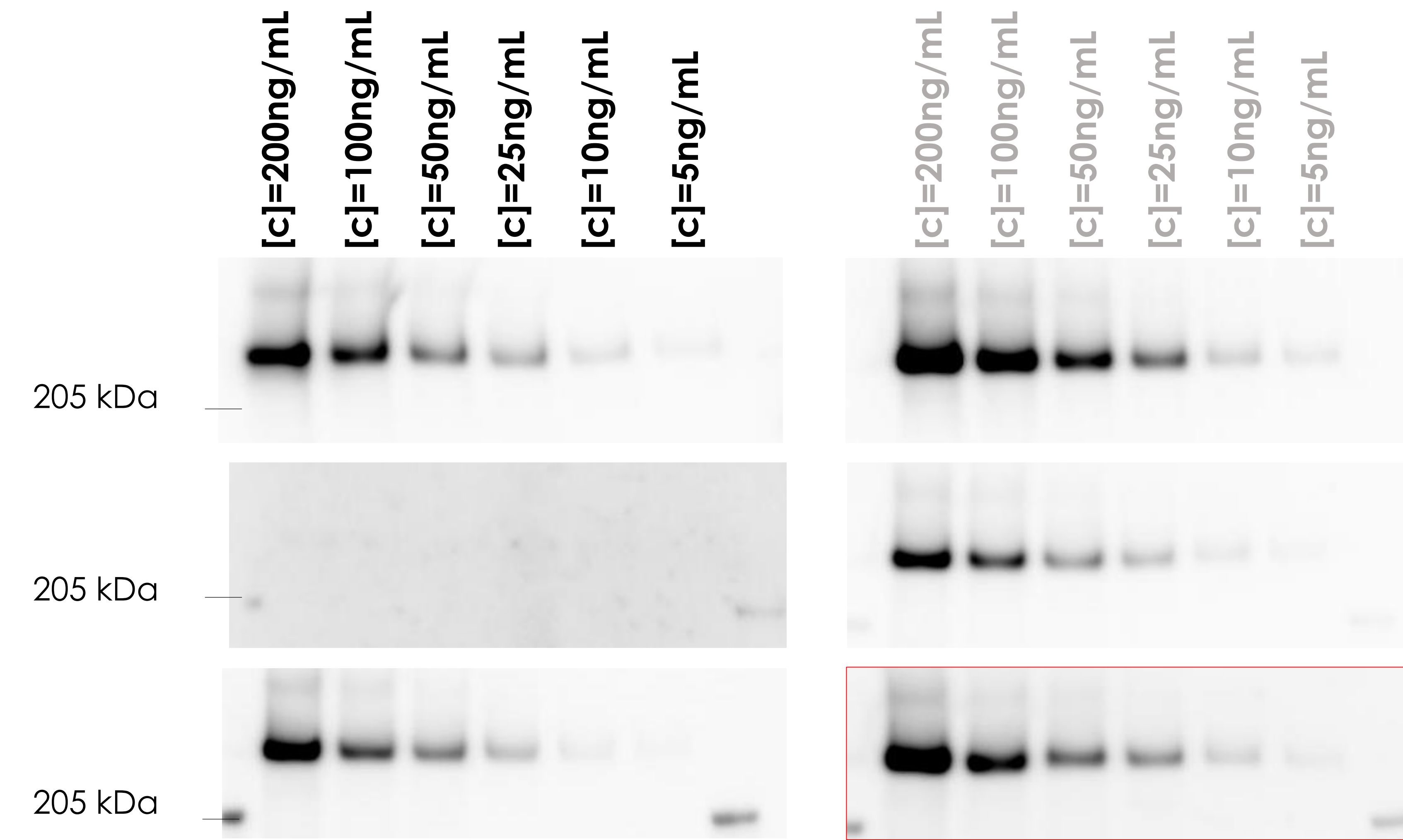
Suppl Figure 3a



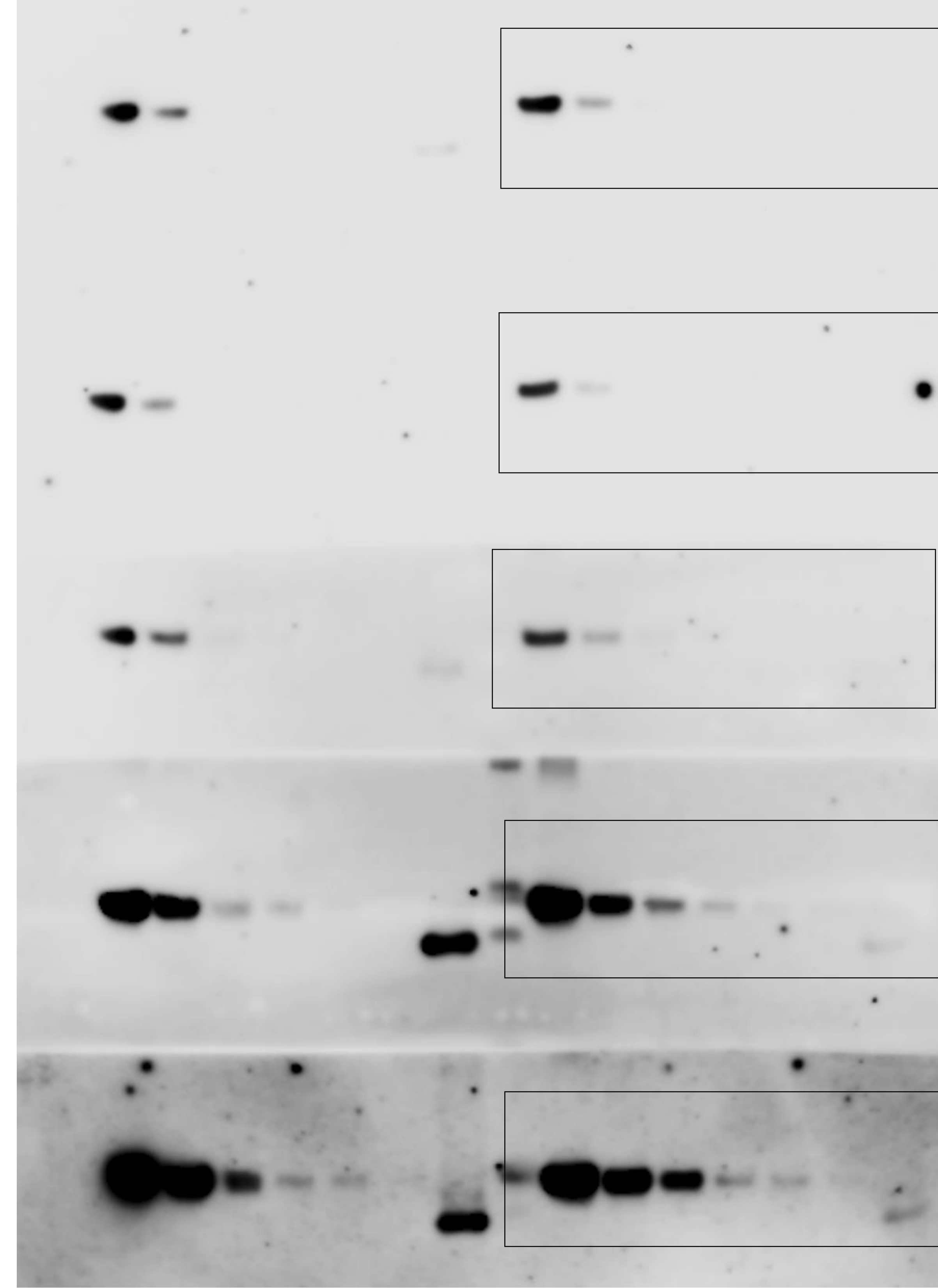
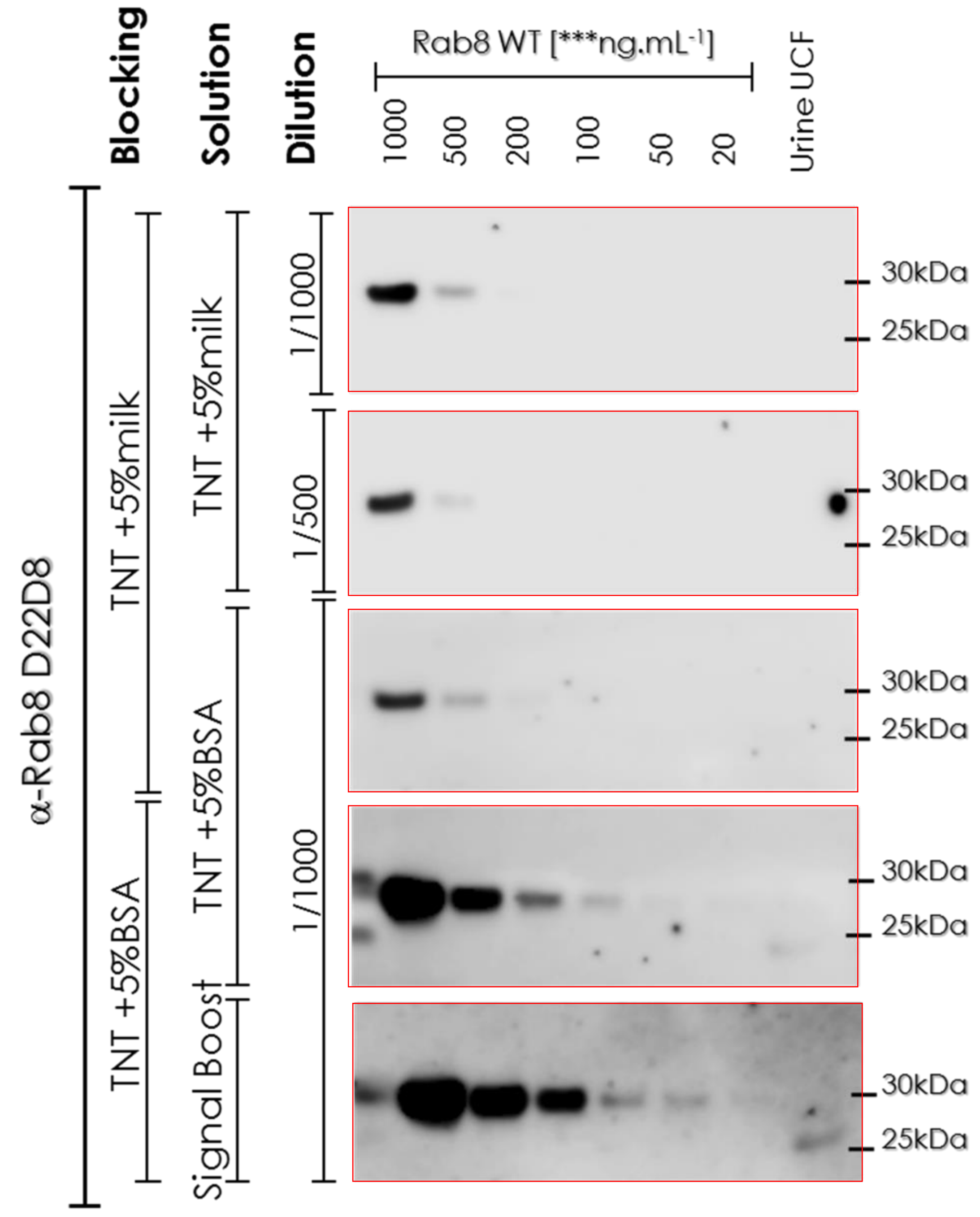
Suppl Figure 3a



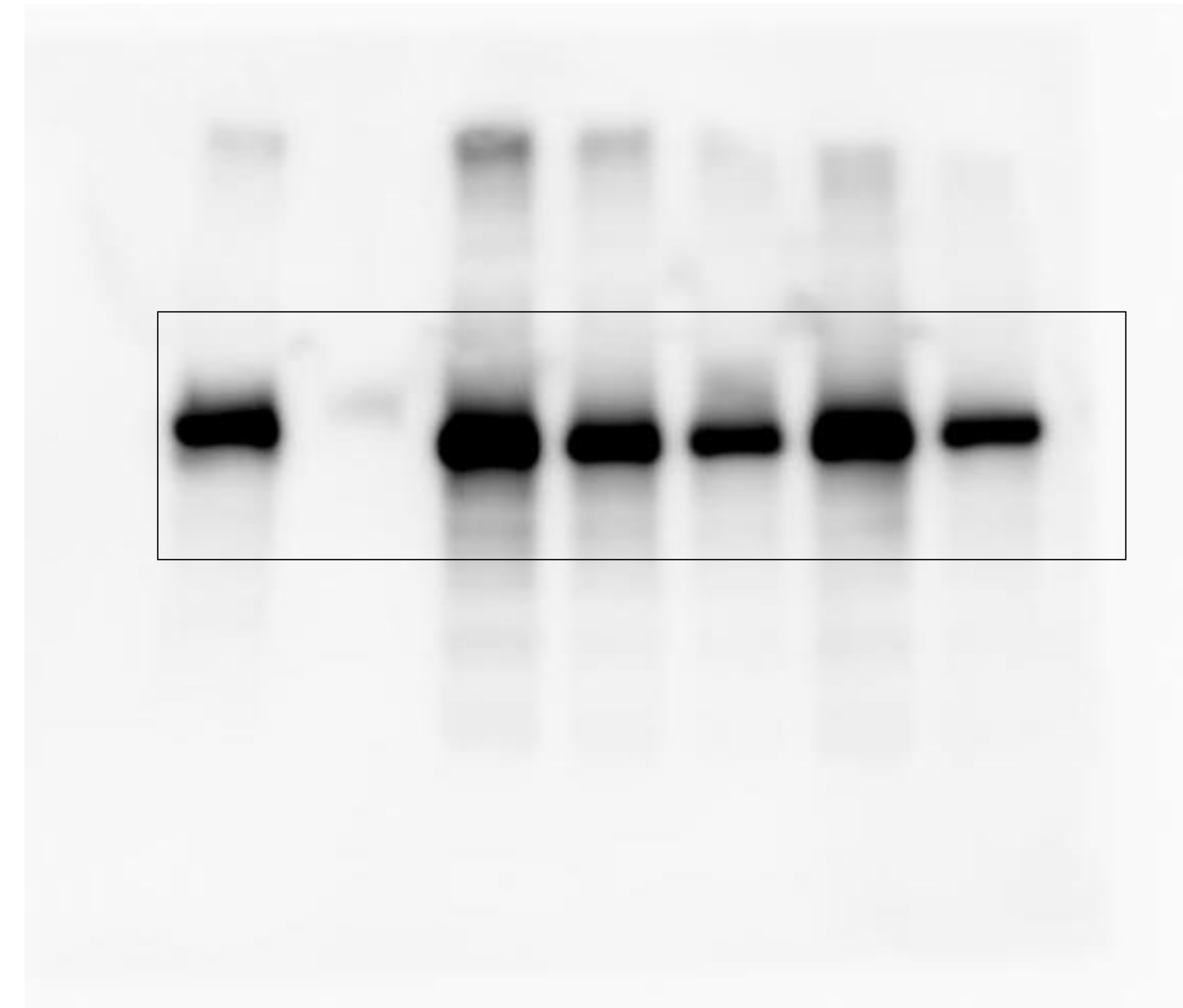
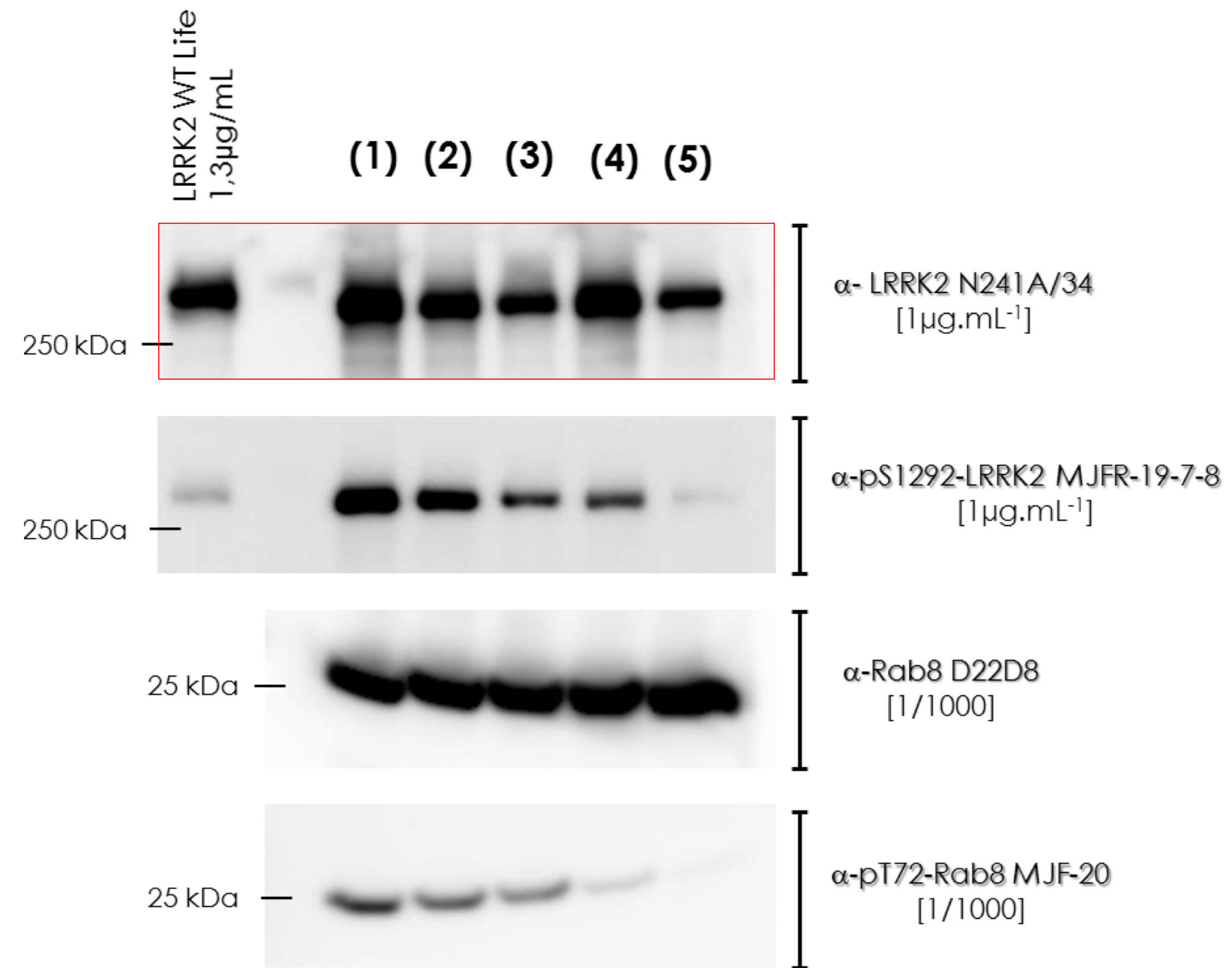
Suppl Figure 3a



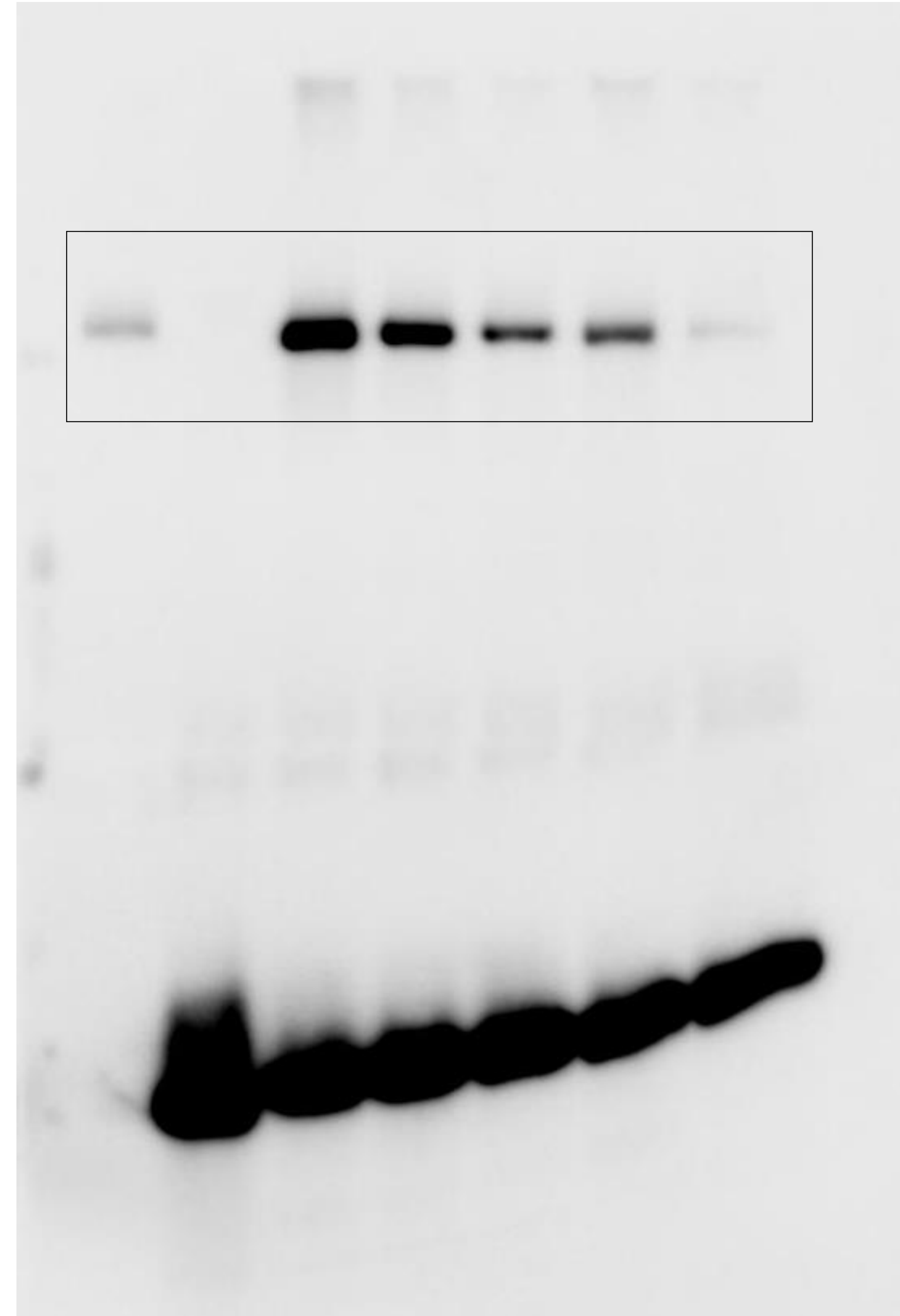
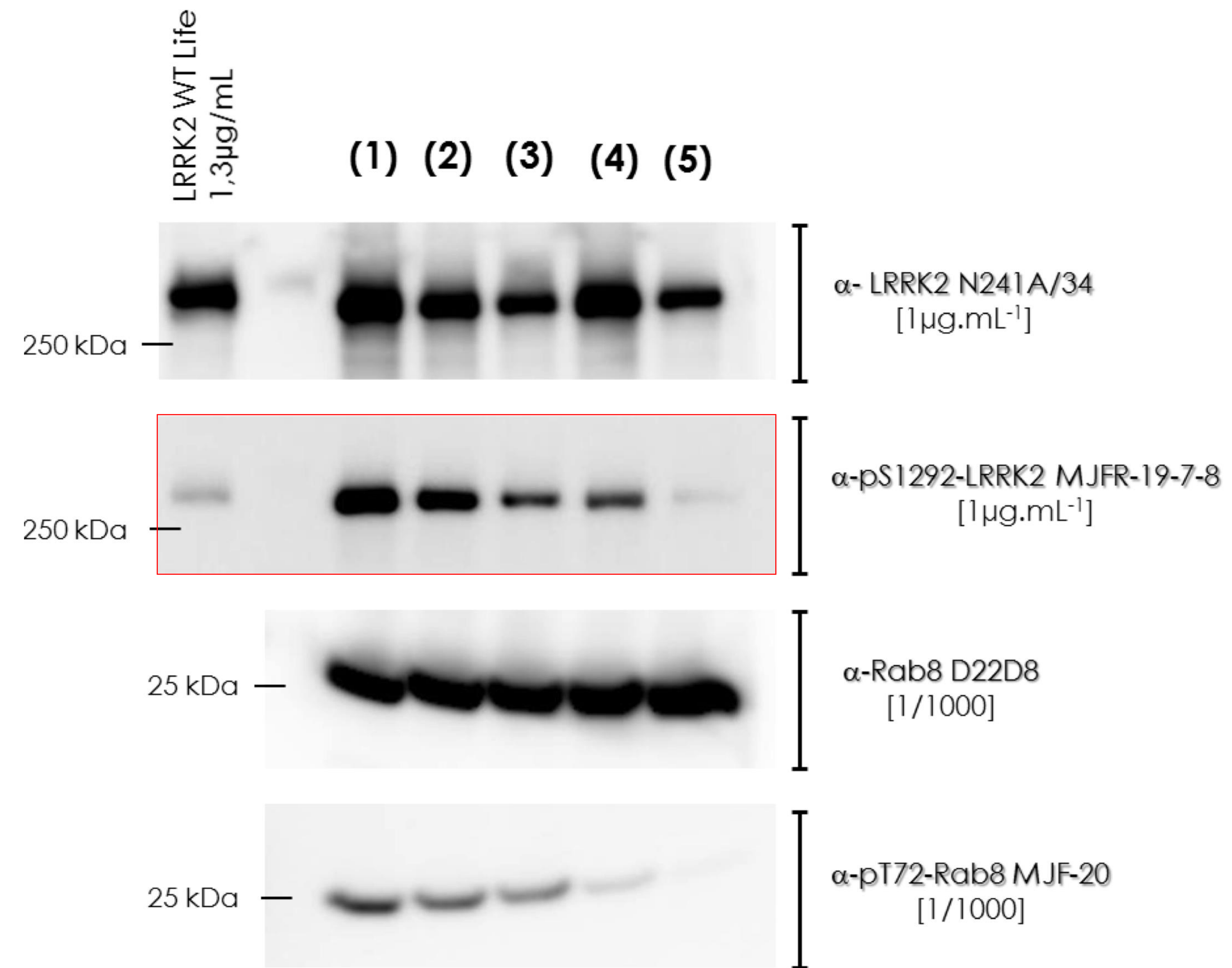
Suppl Figure 5a



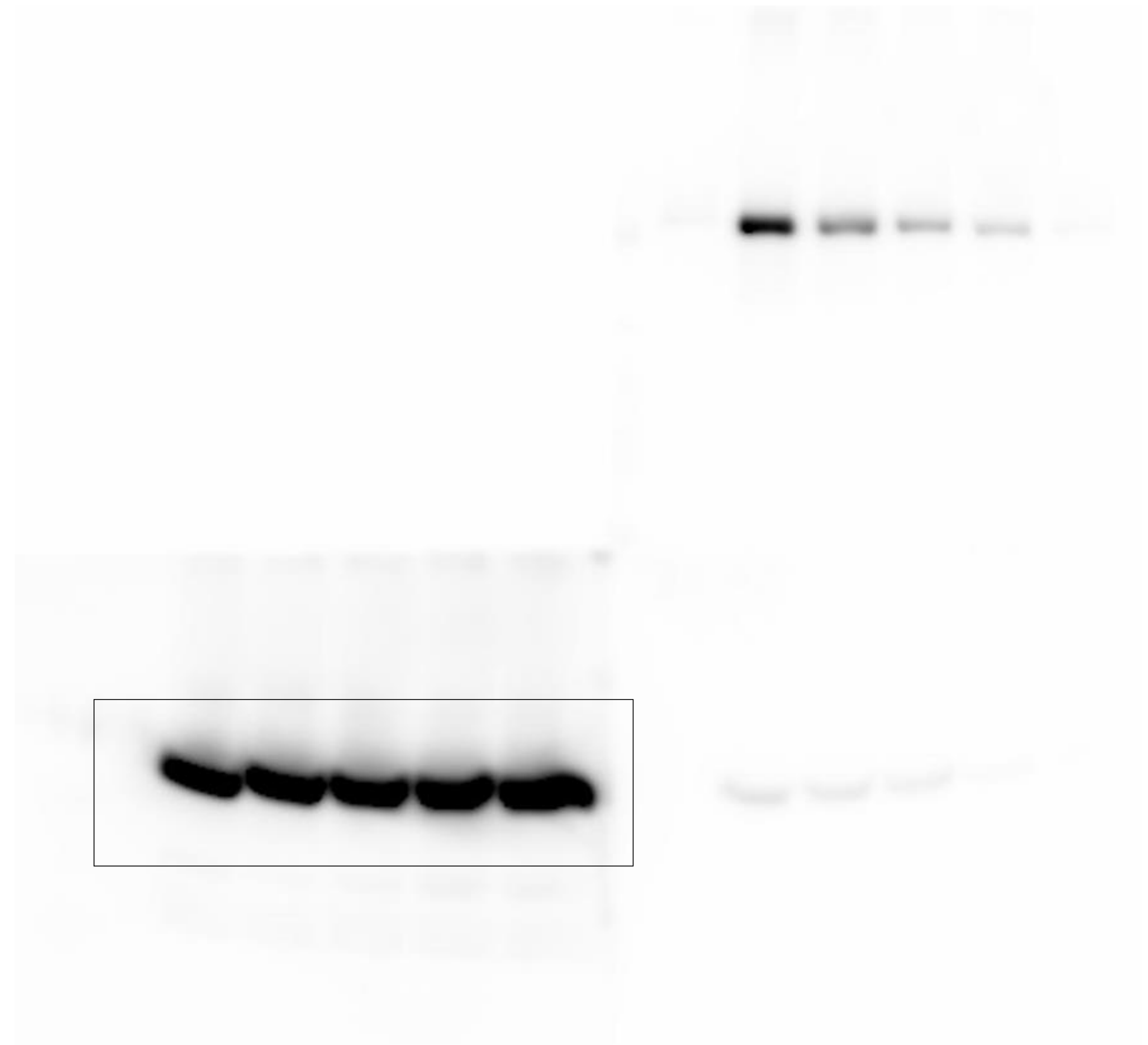
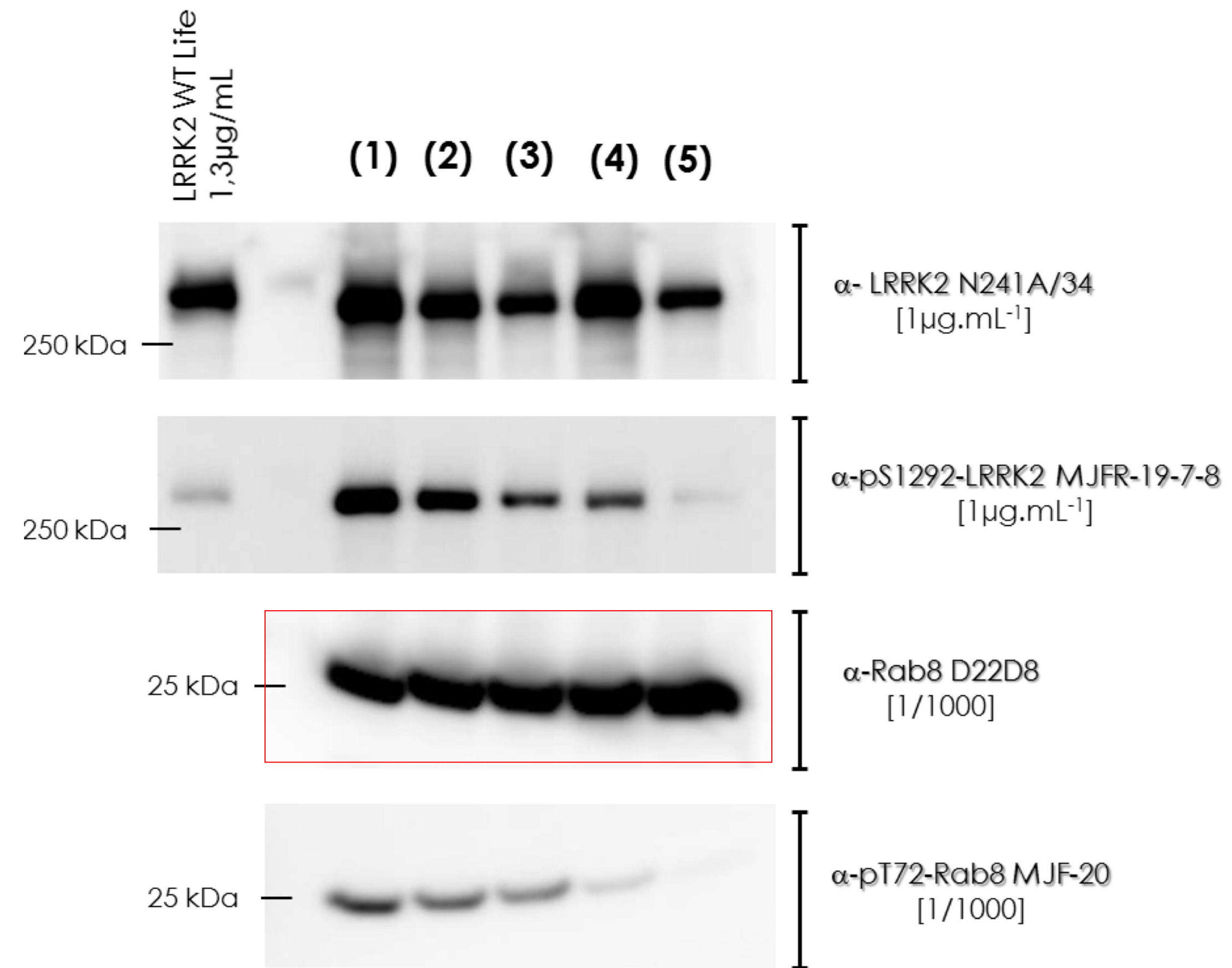
Suppl Figure 5b



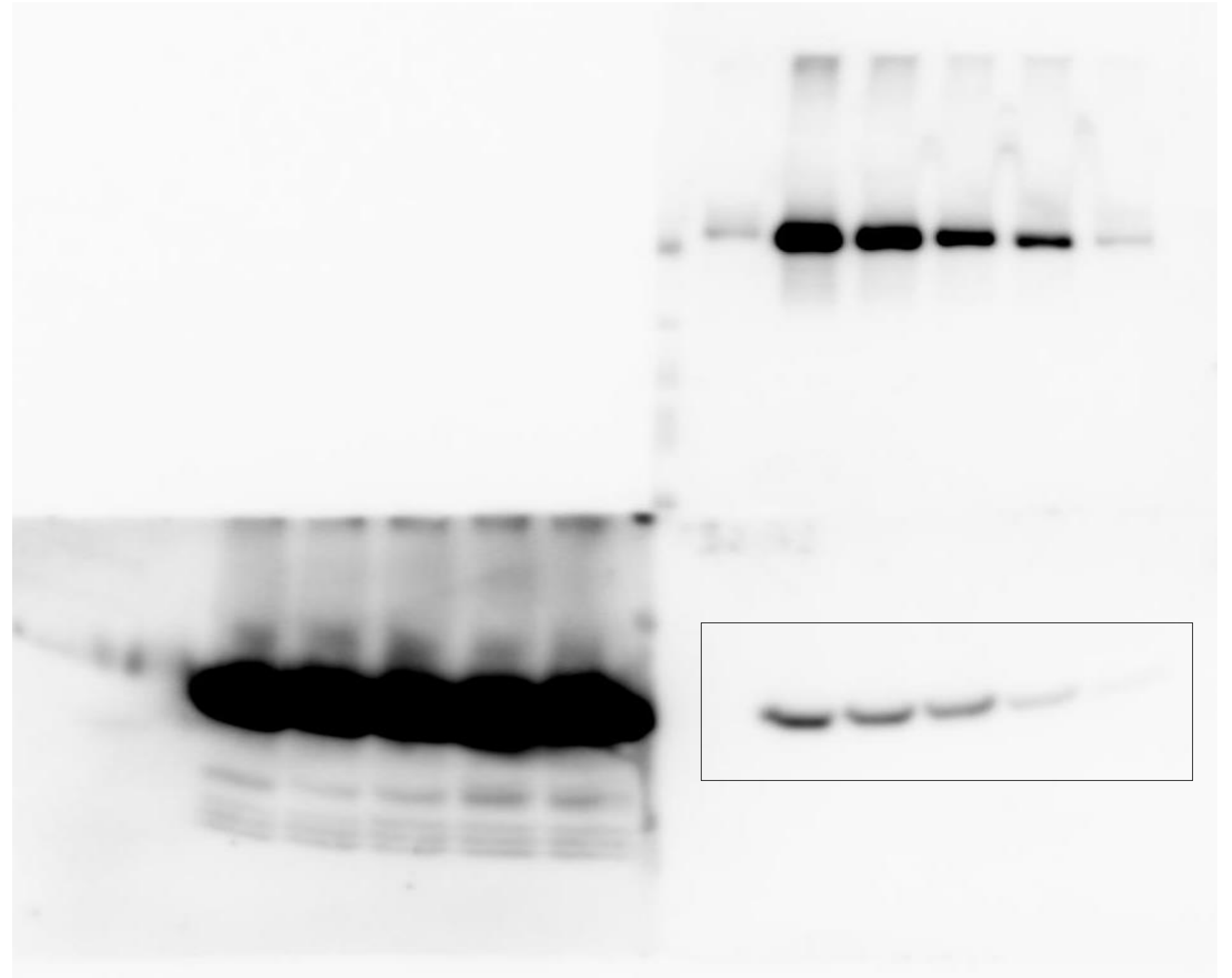
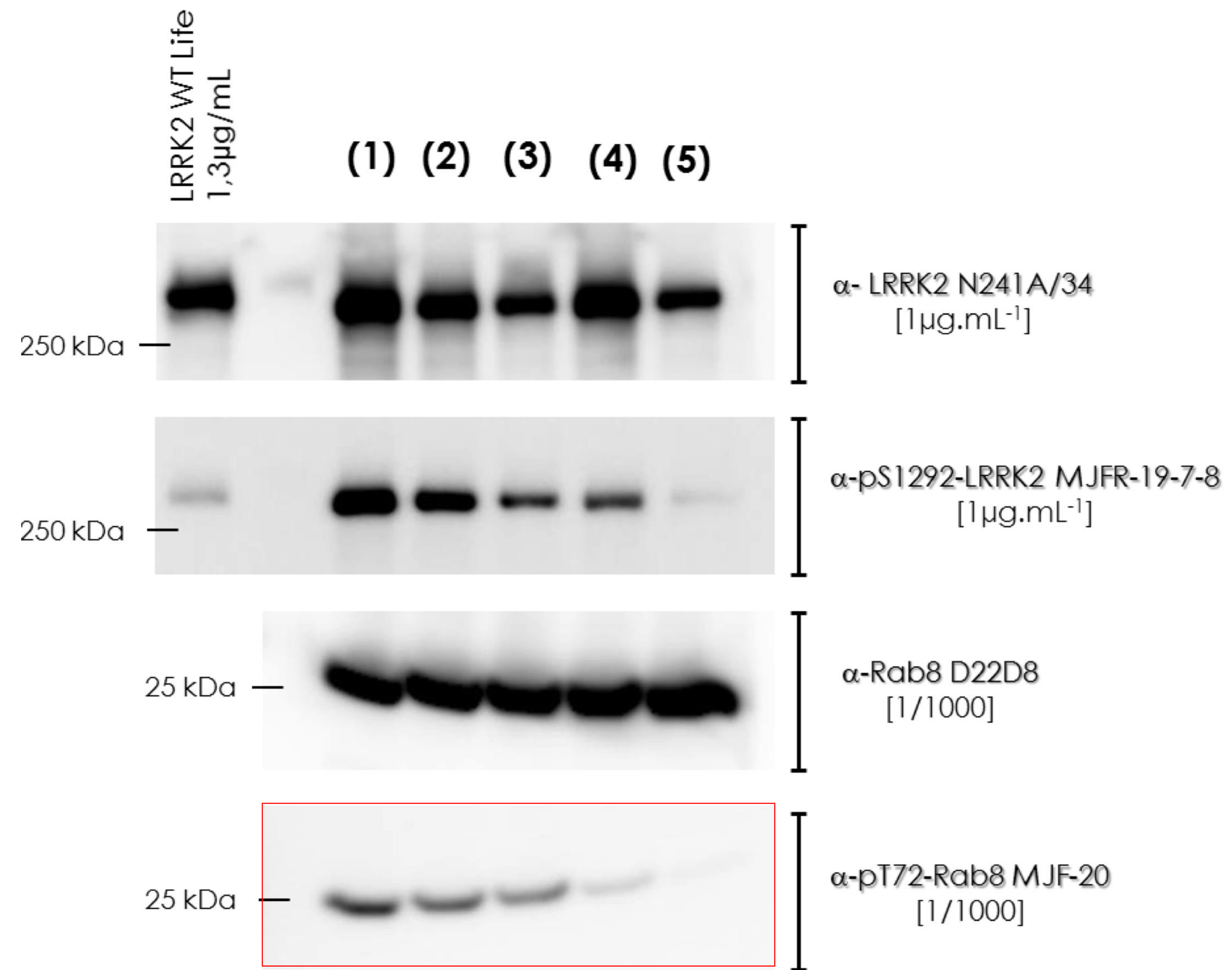
Suppl Figure 5b



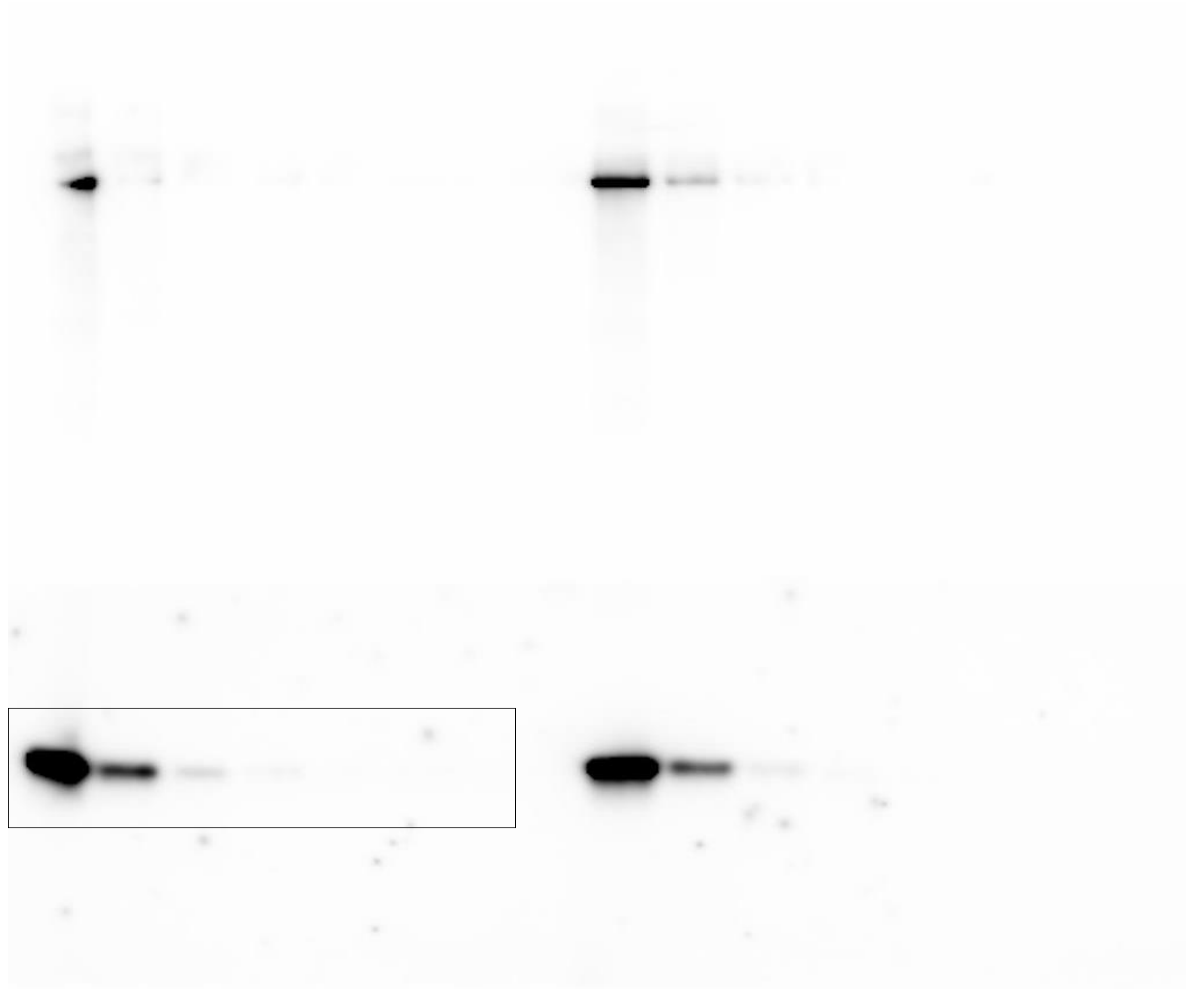
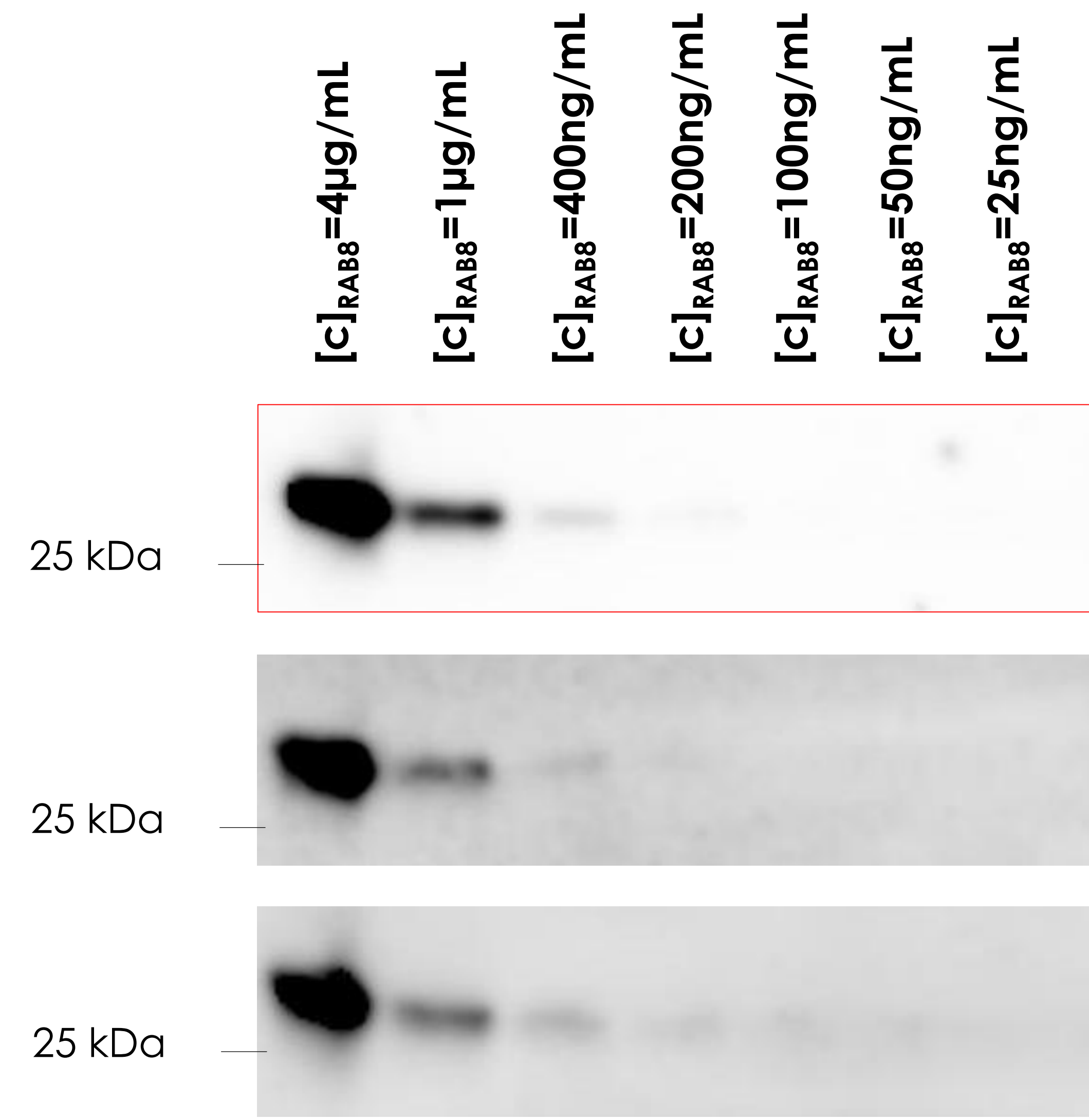
Suppl Figure 5b



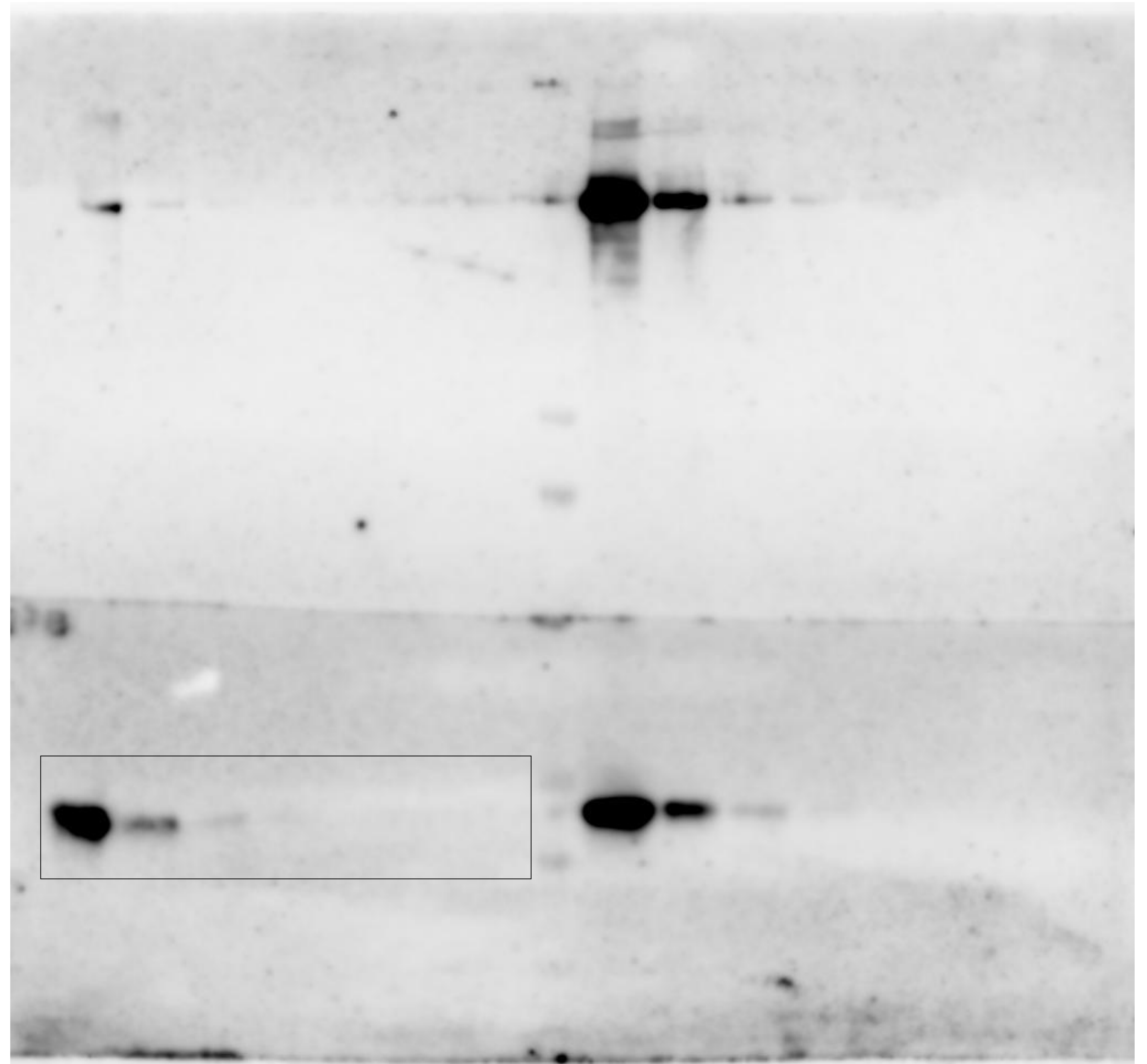
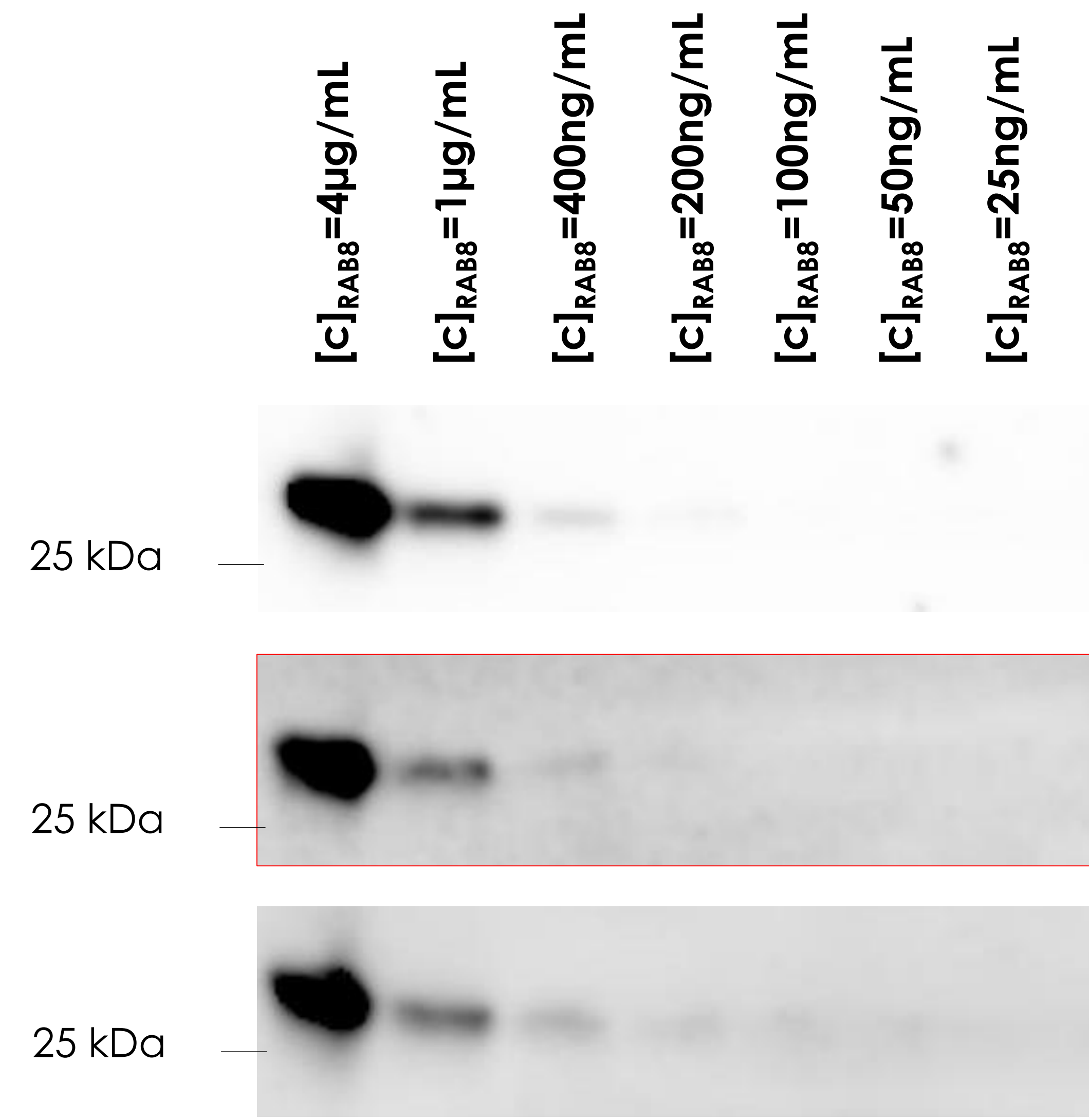
Suppl Figure 5b



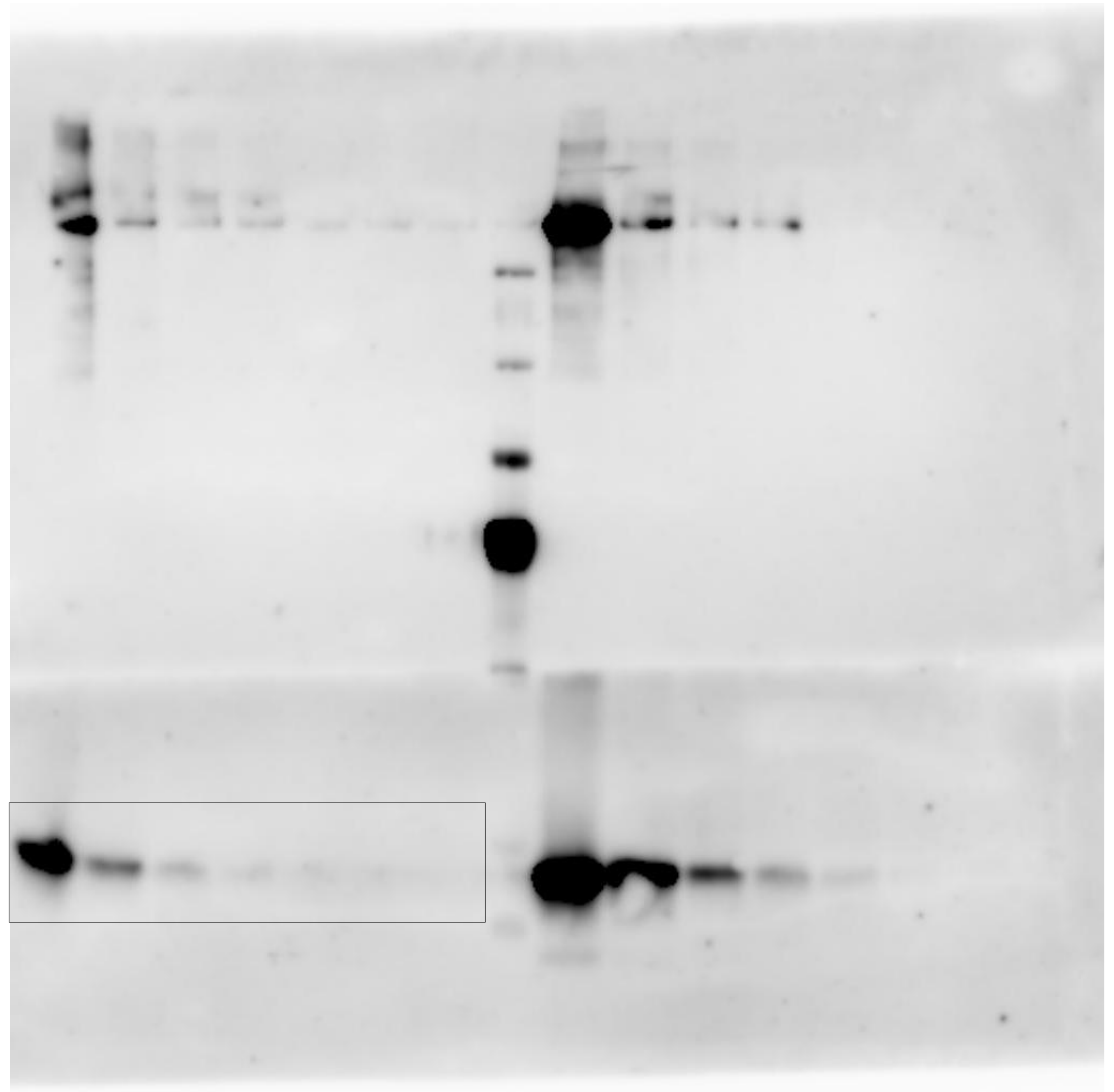
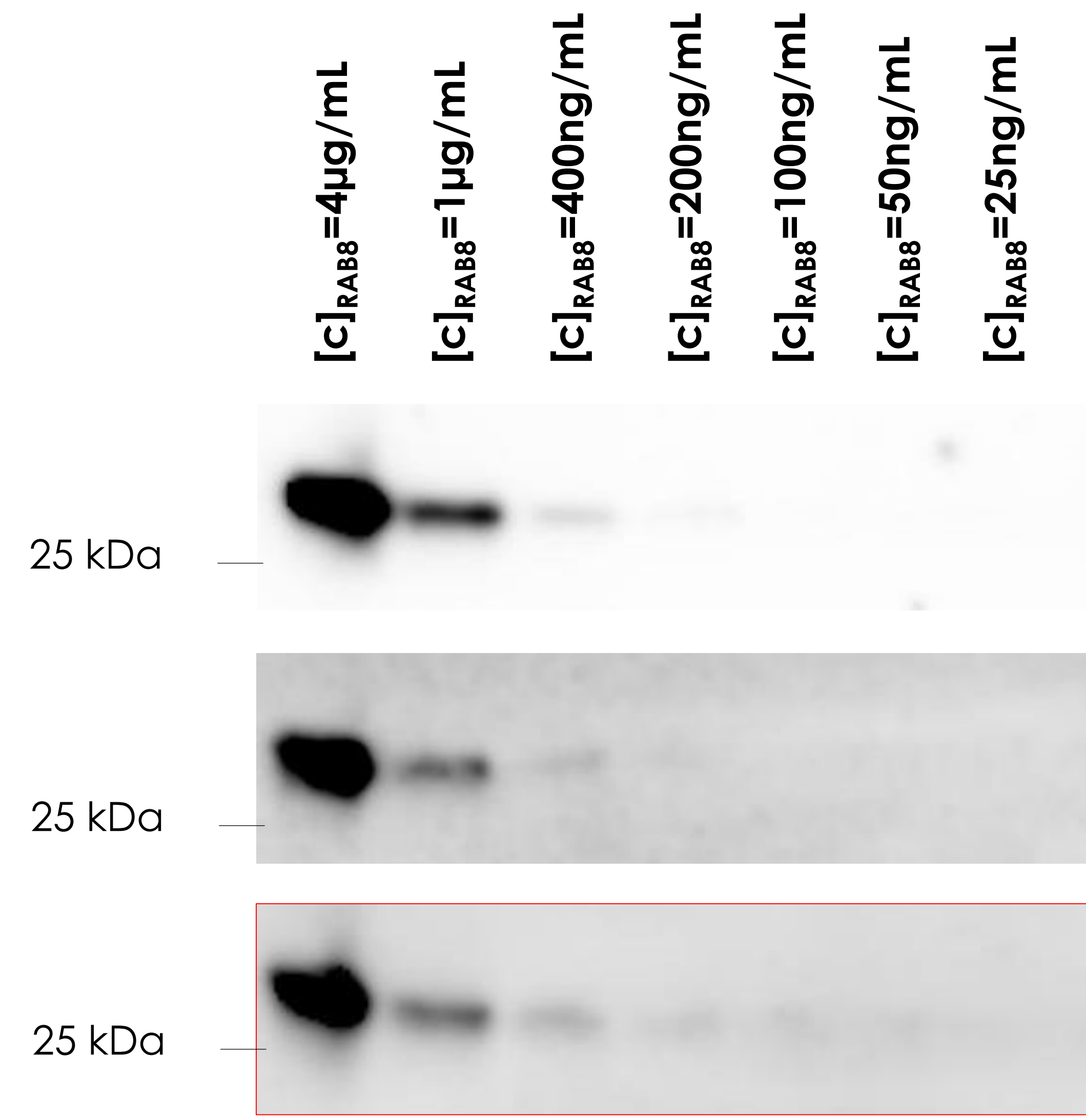
Suppl Figure S6



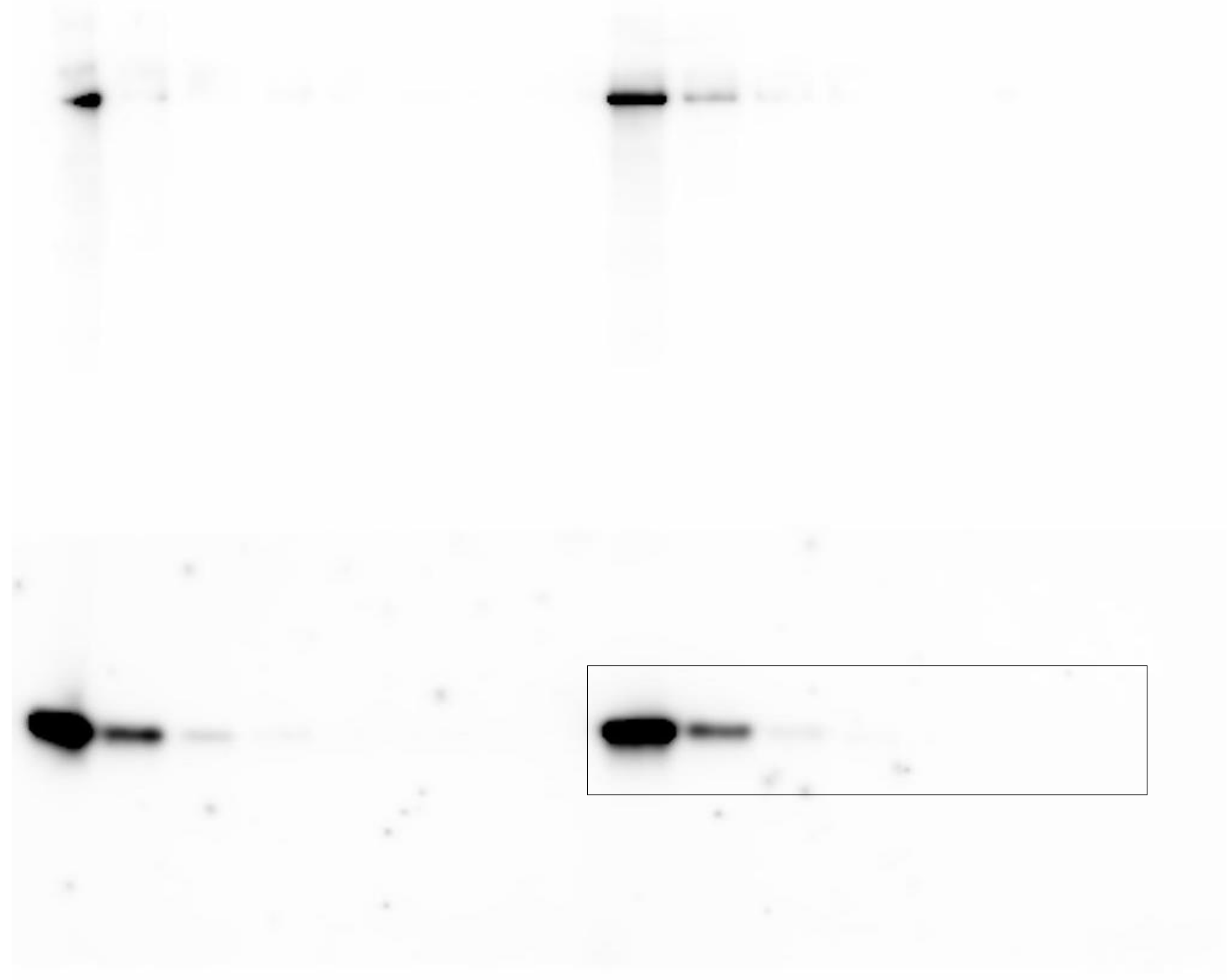
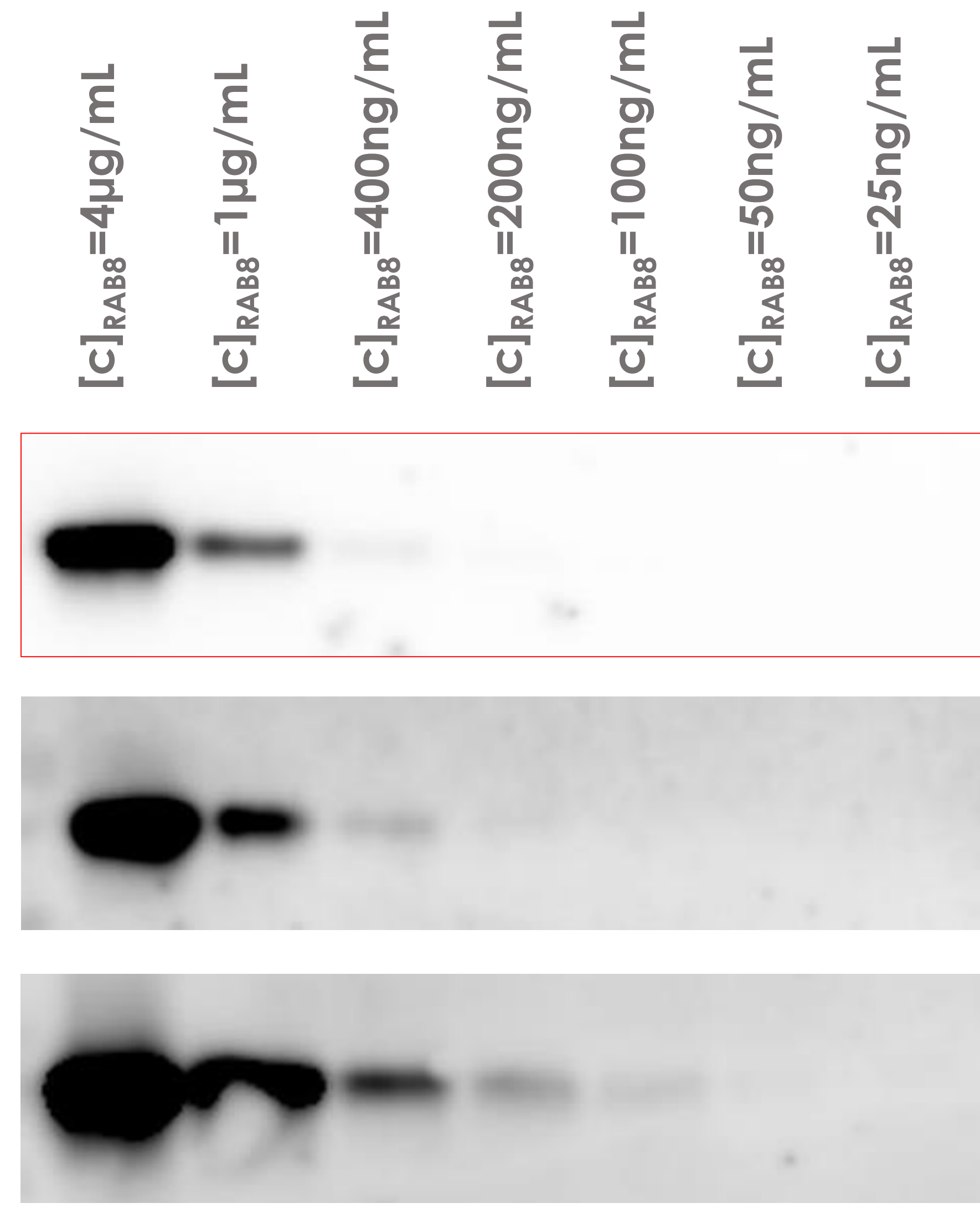
Suppl Figure S6



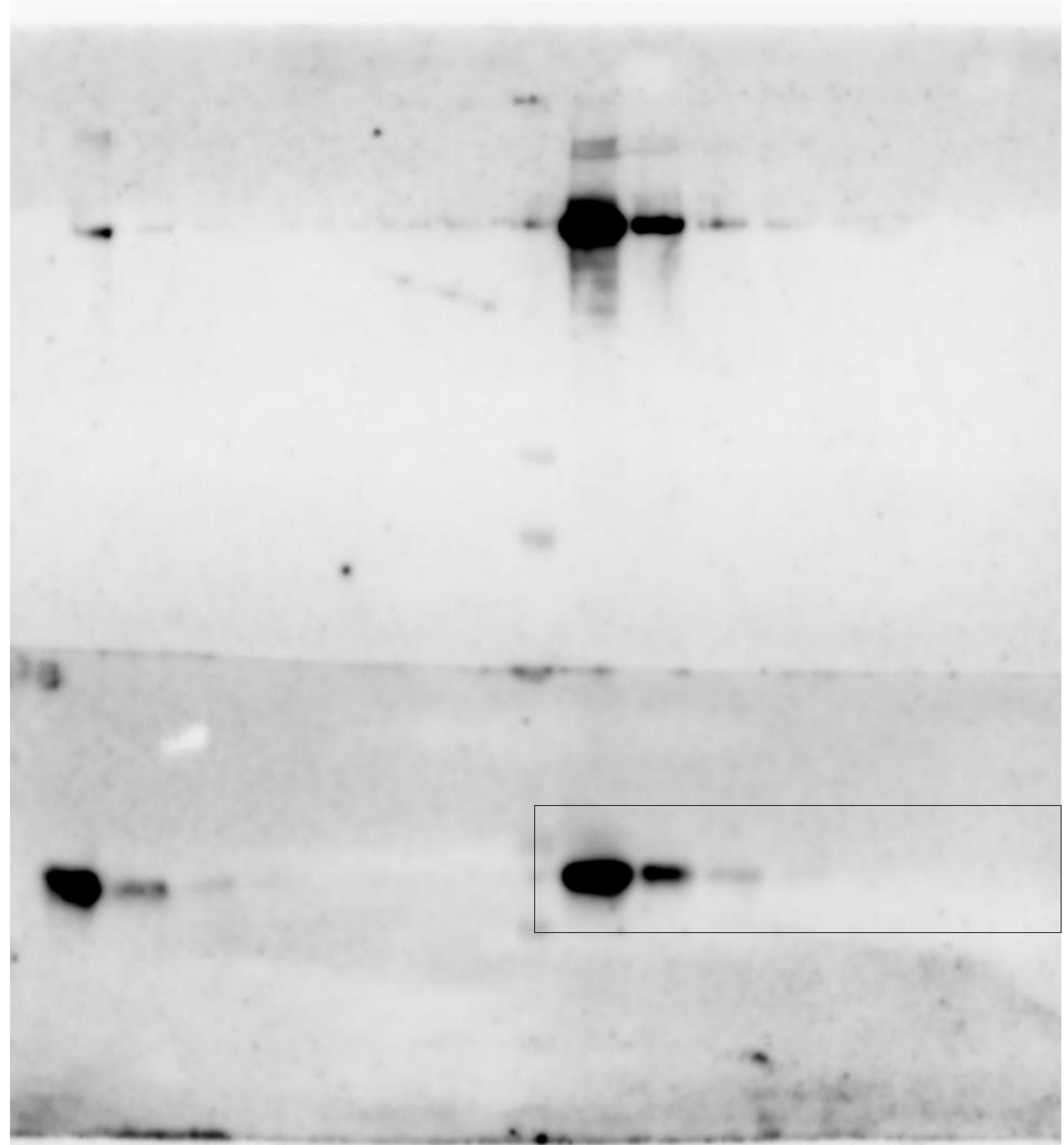
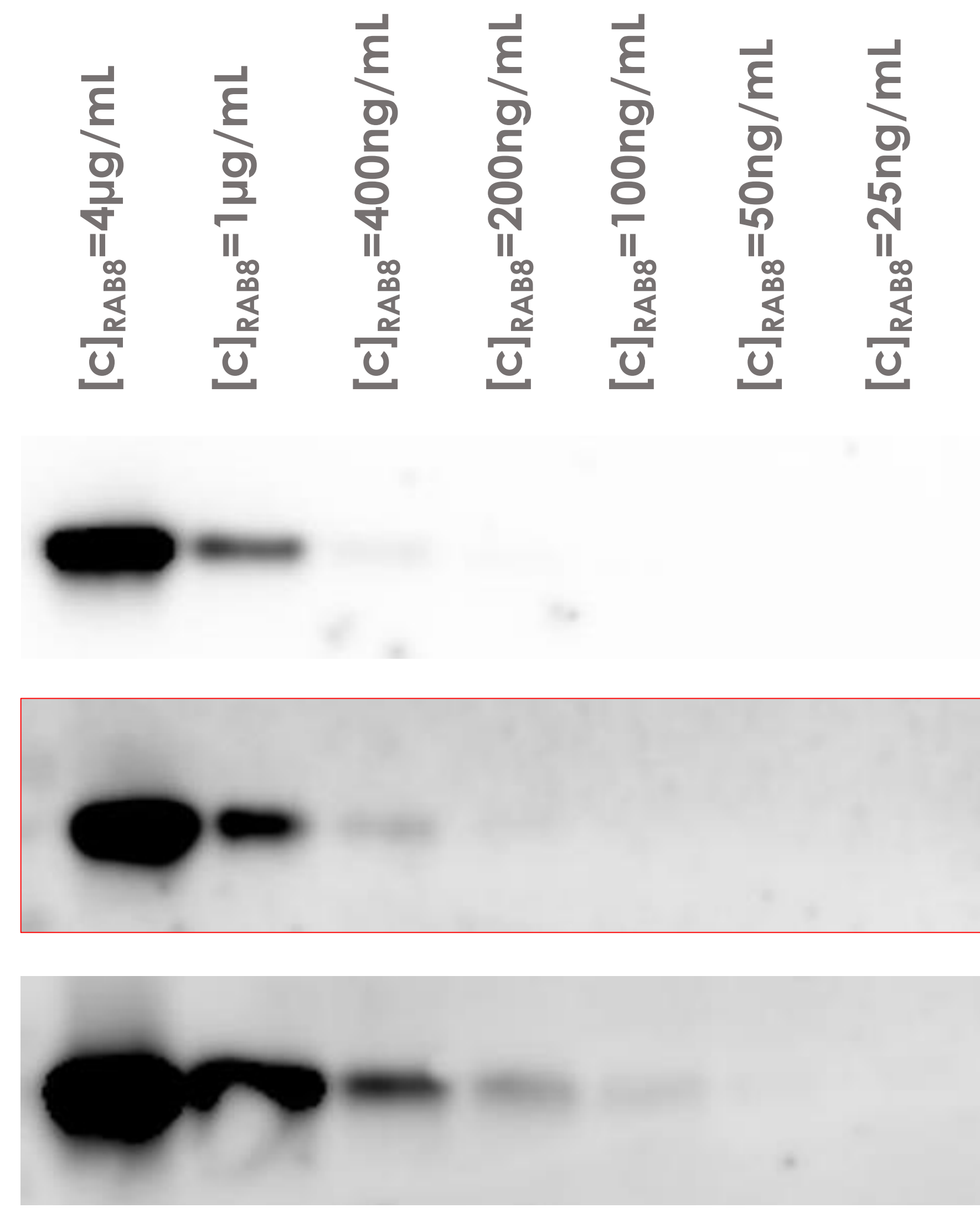
Suppl Figure S6



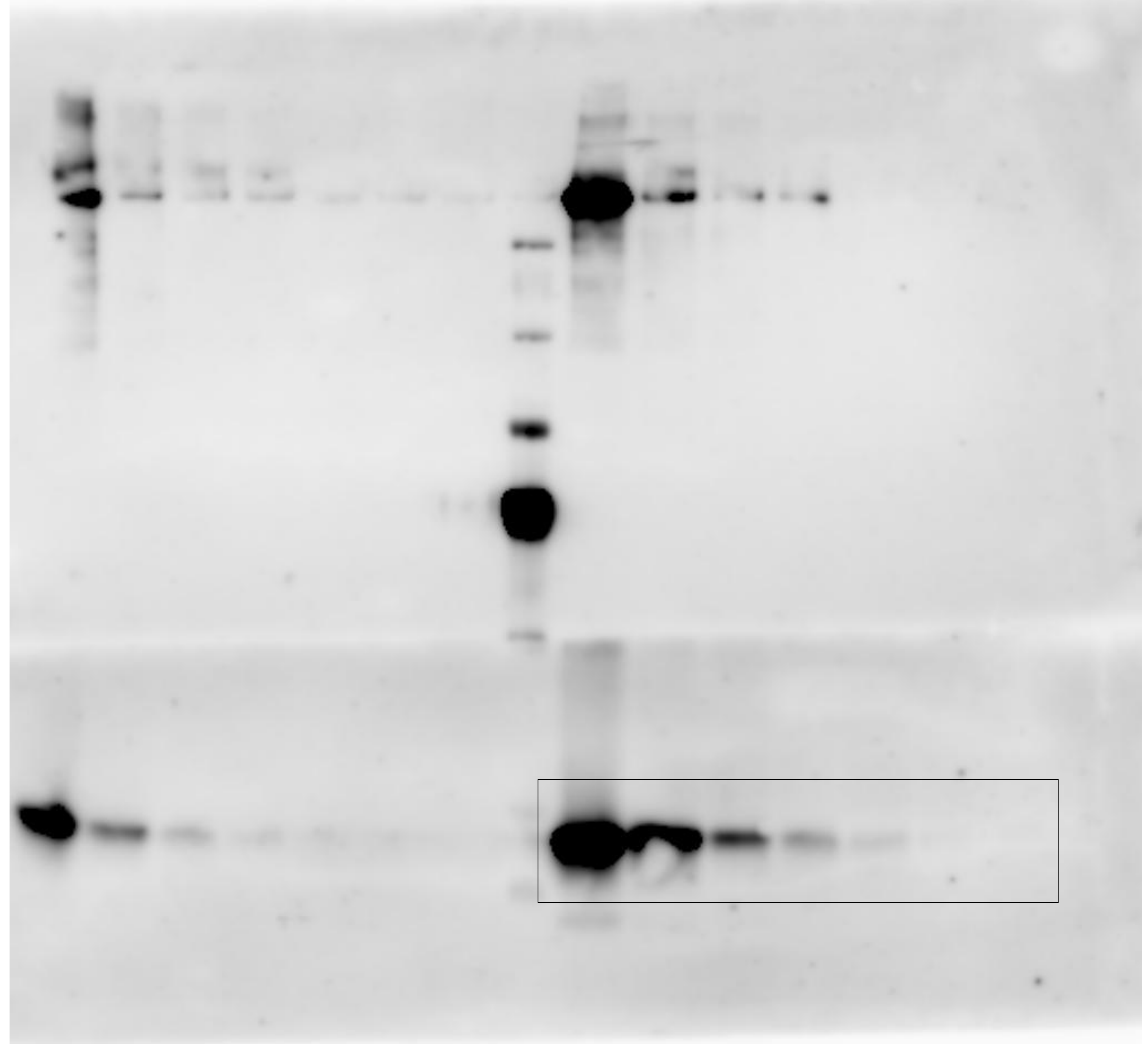
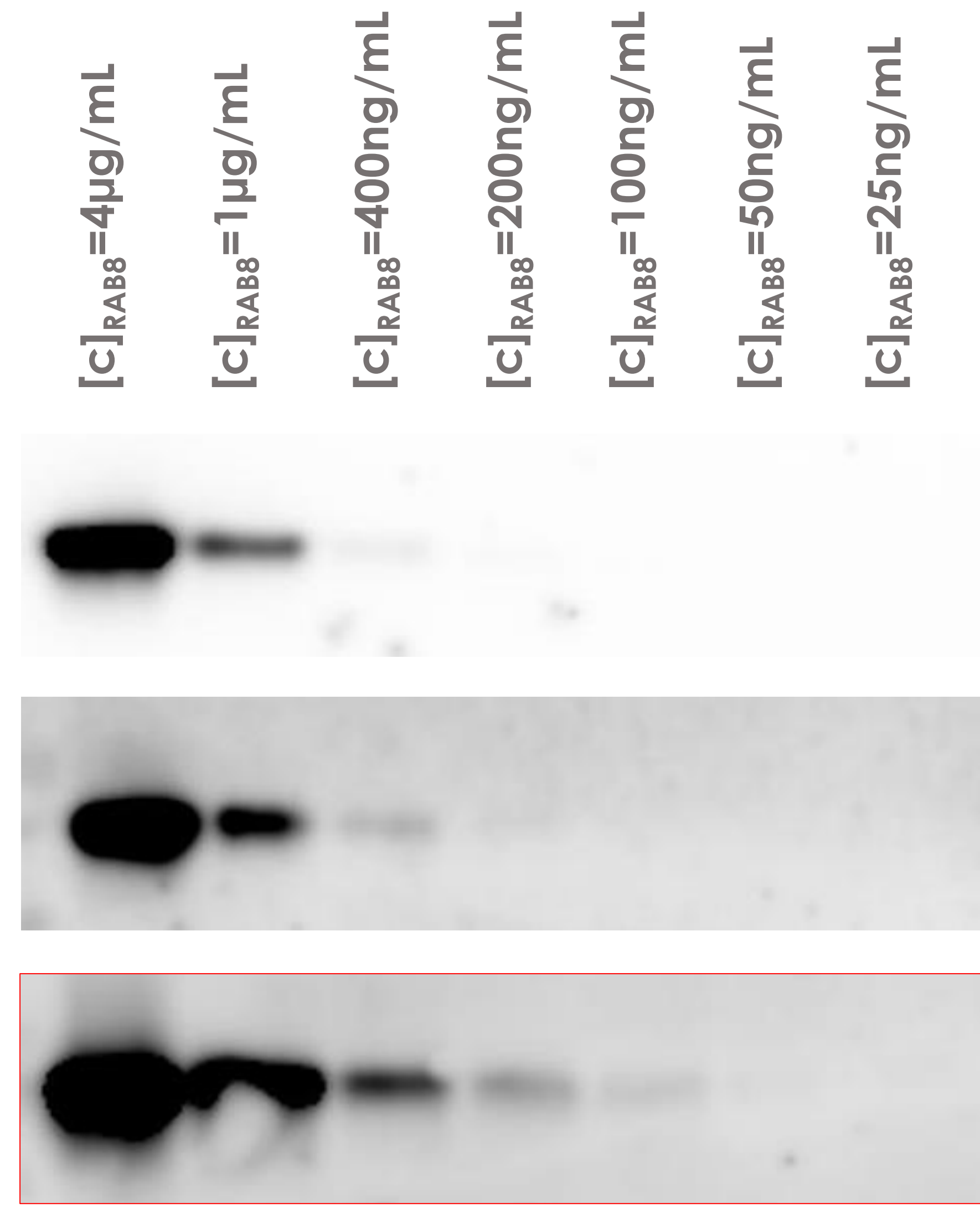
Suppl Figure S6



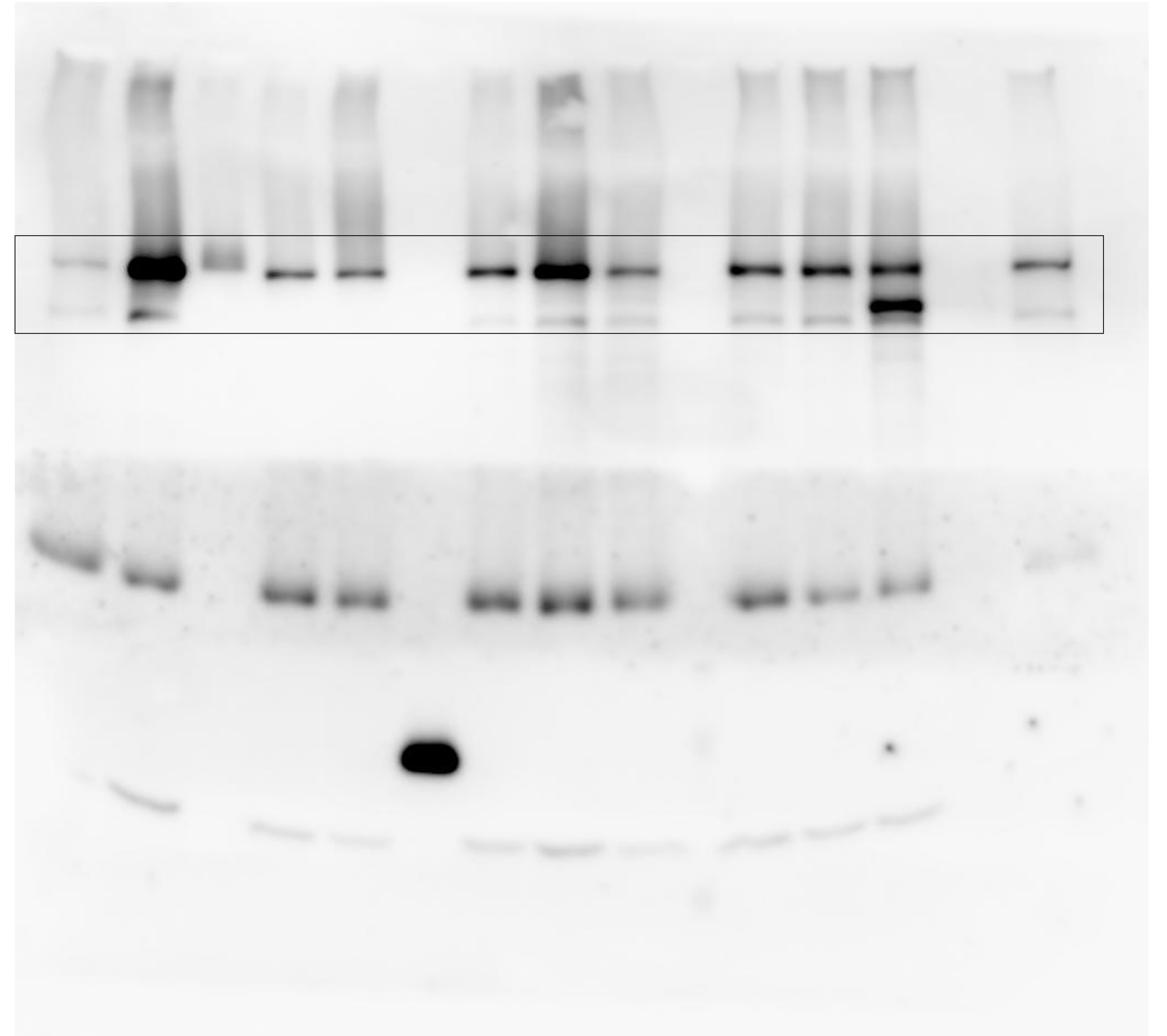
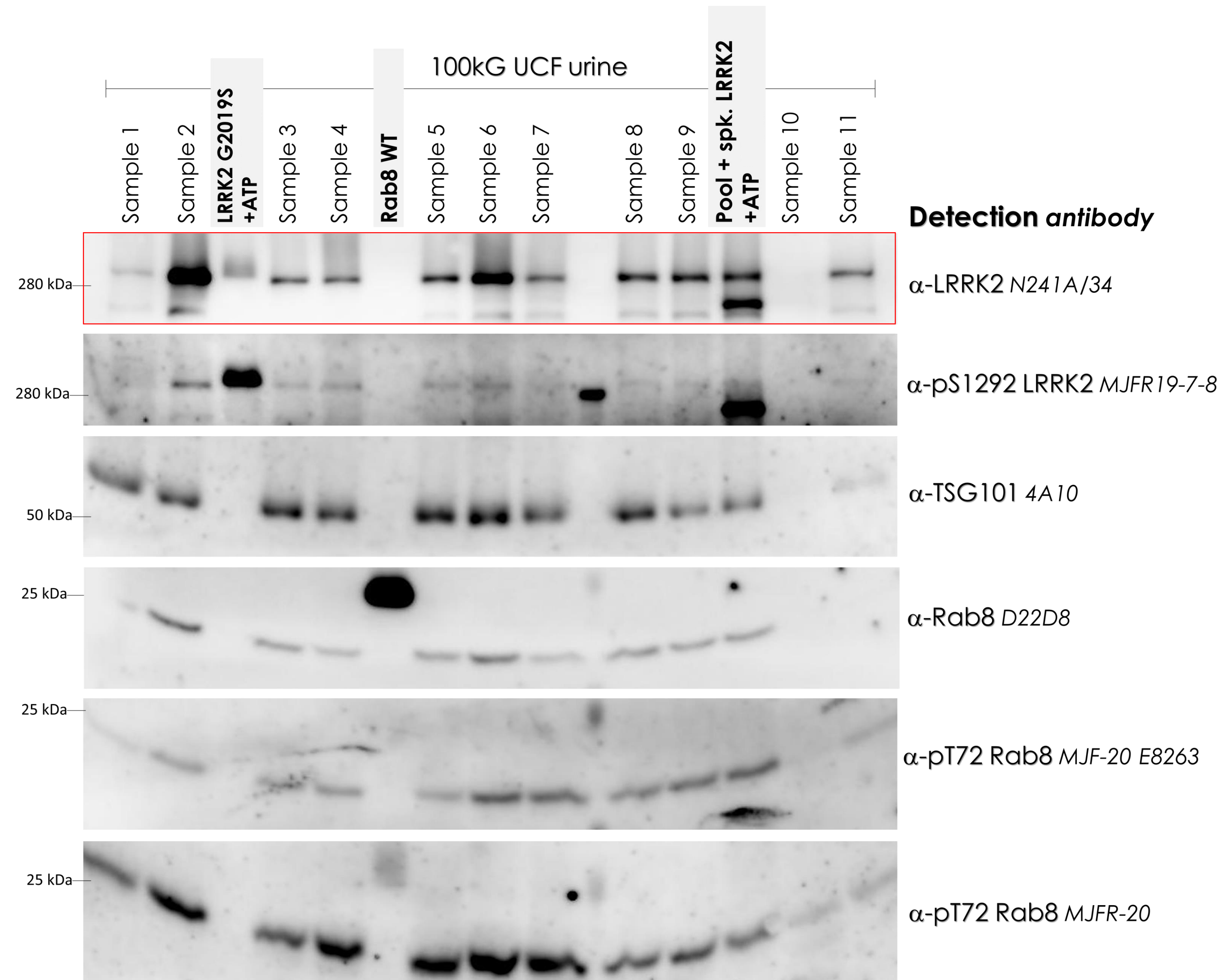
Suppl Figure S6



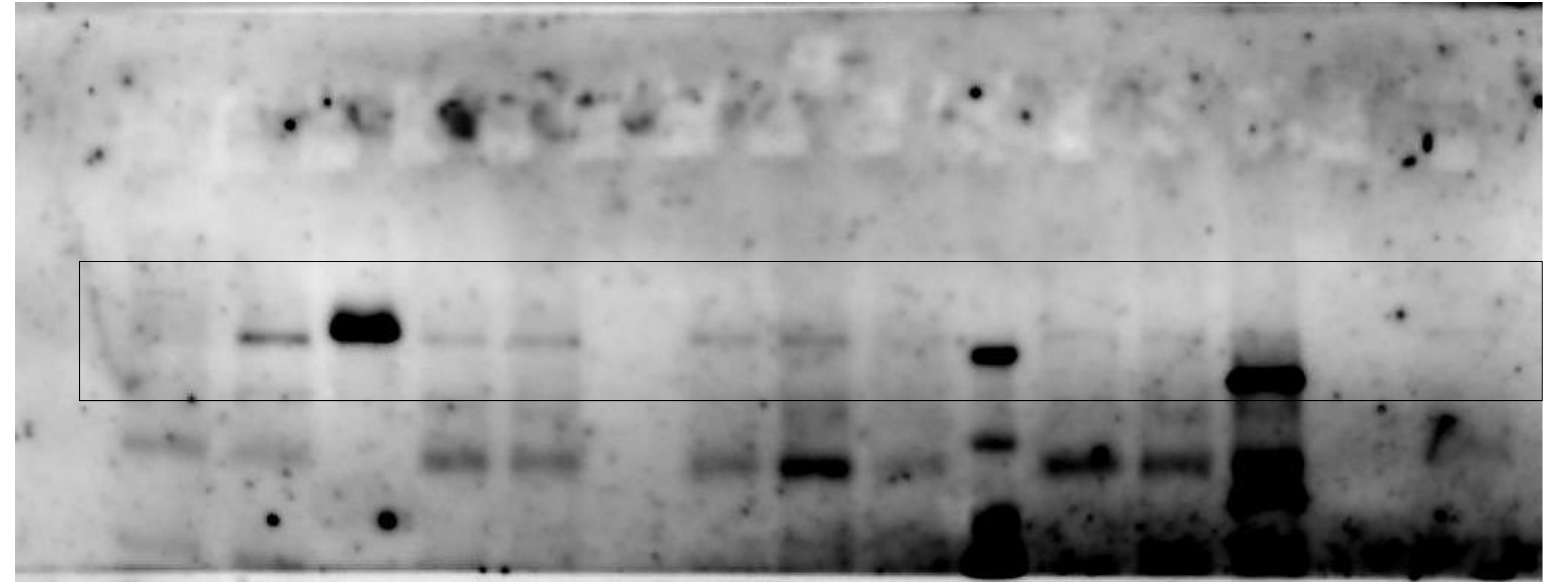
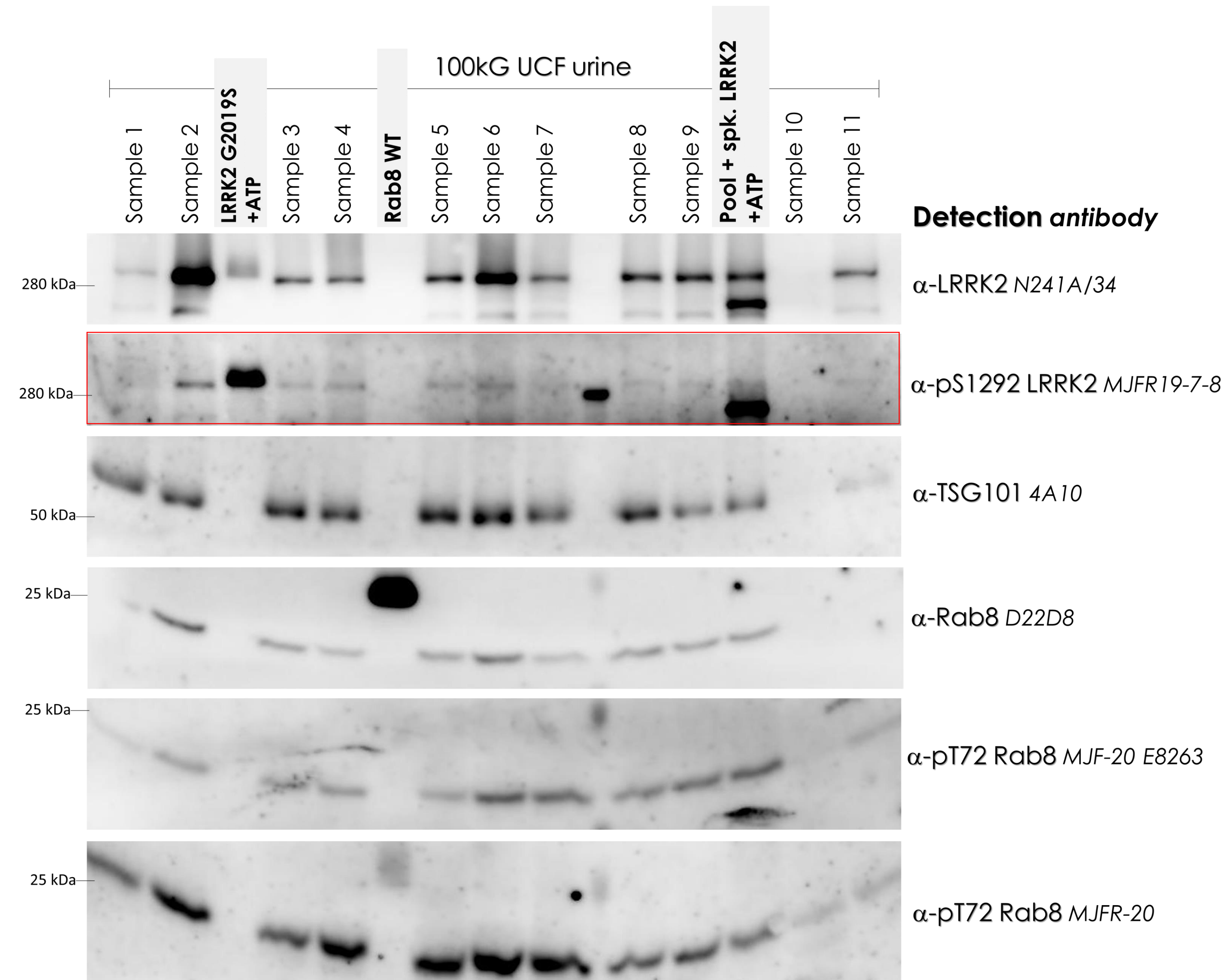
Suppl Figure S6



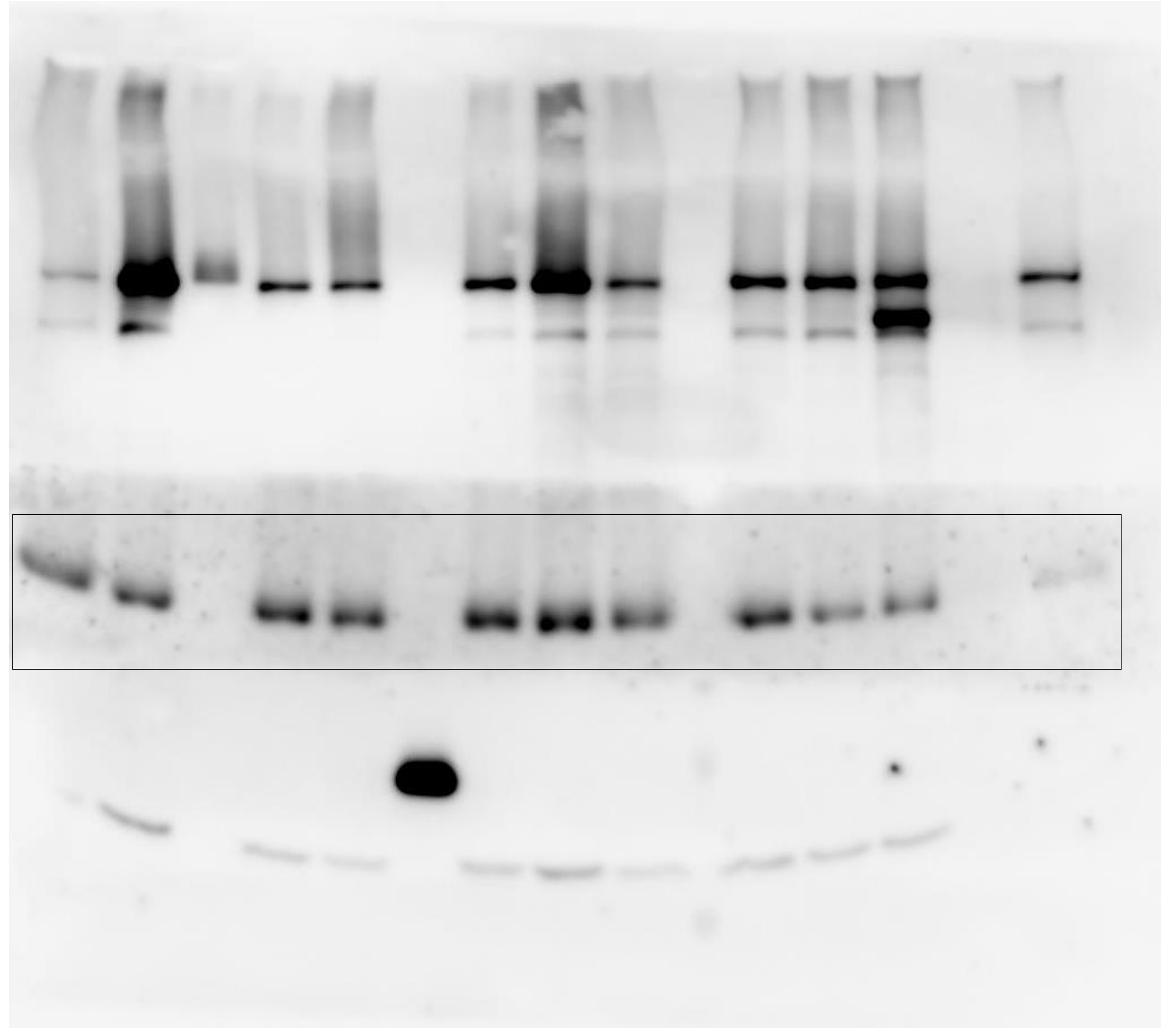
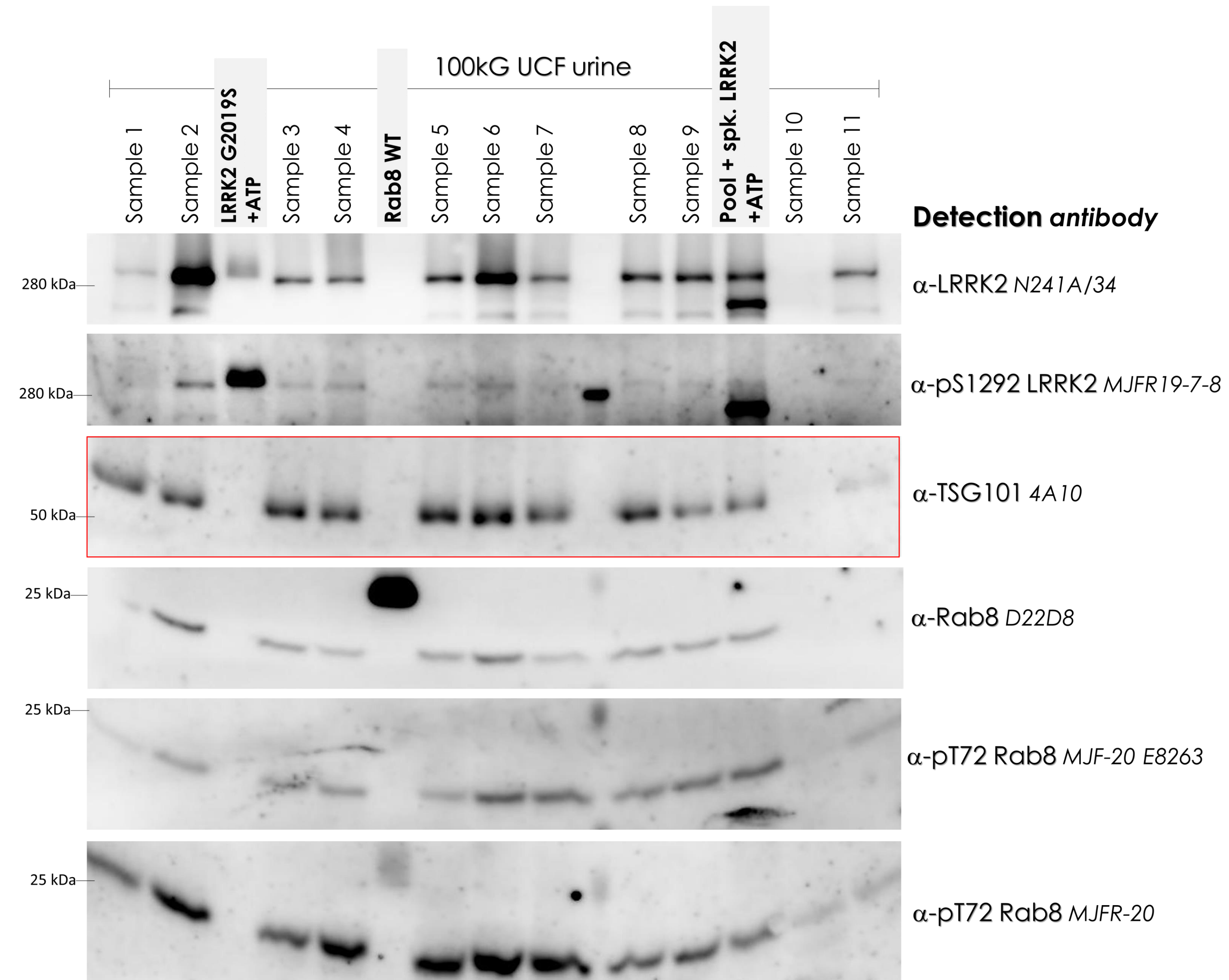
Suppl Figure 7



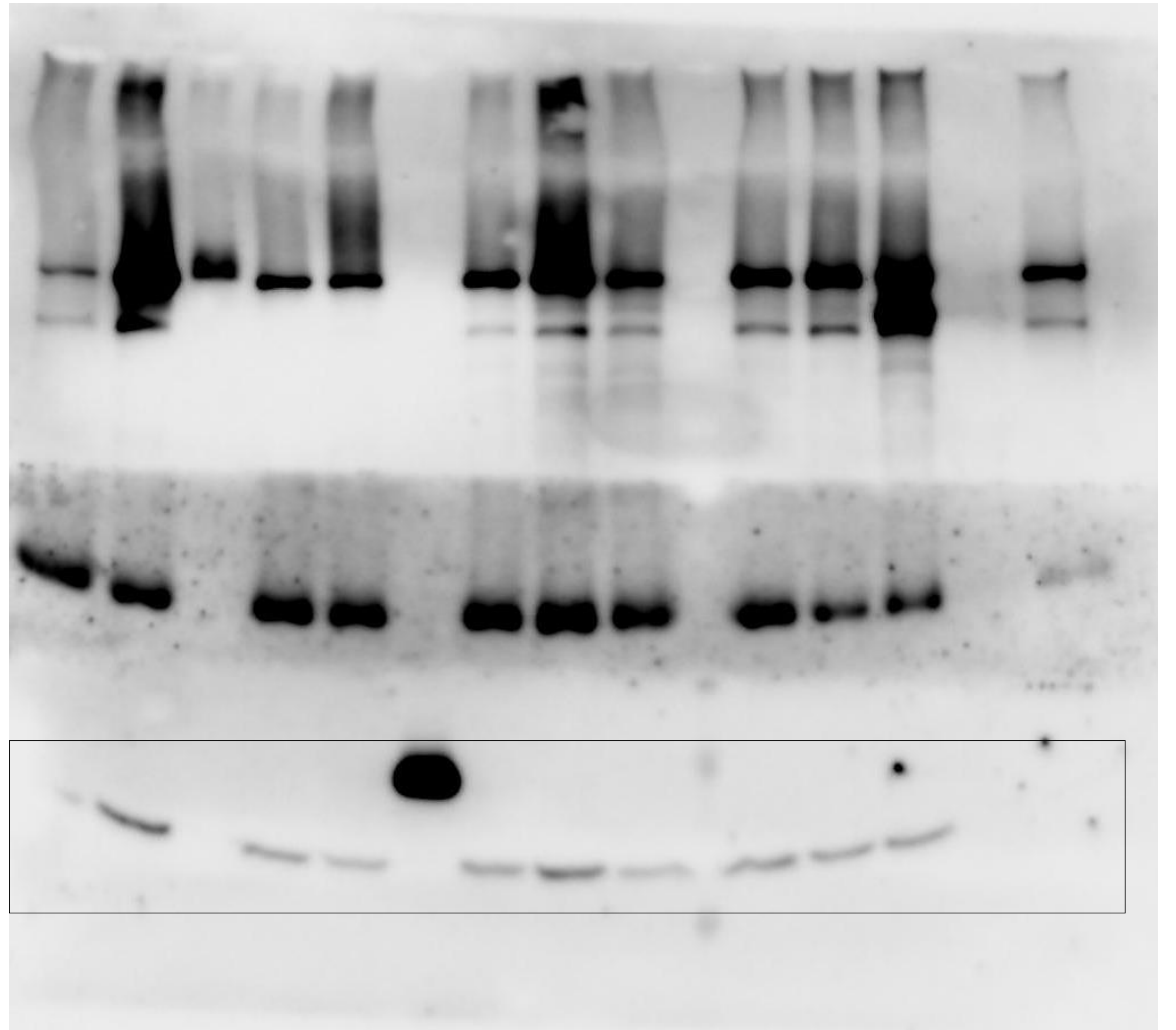
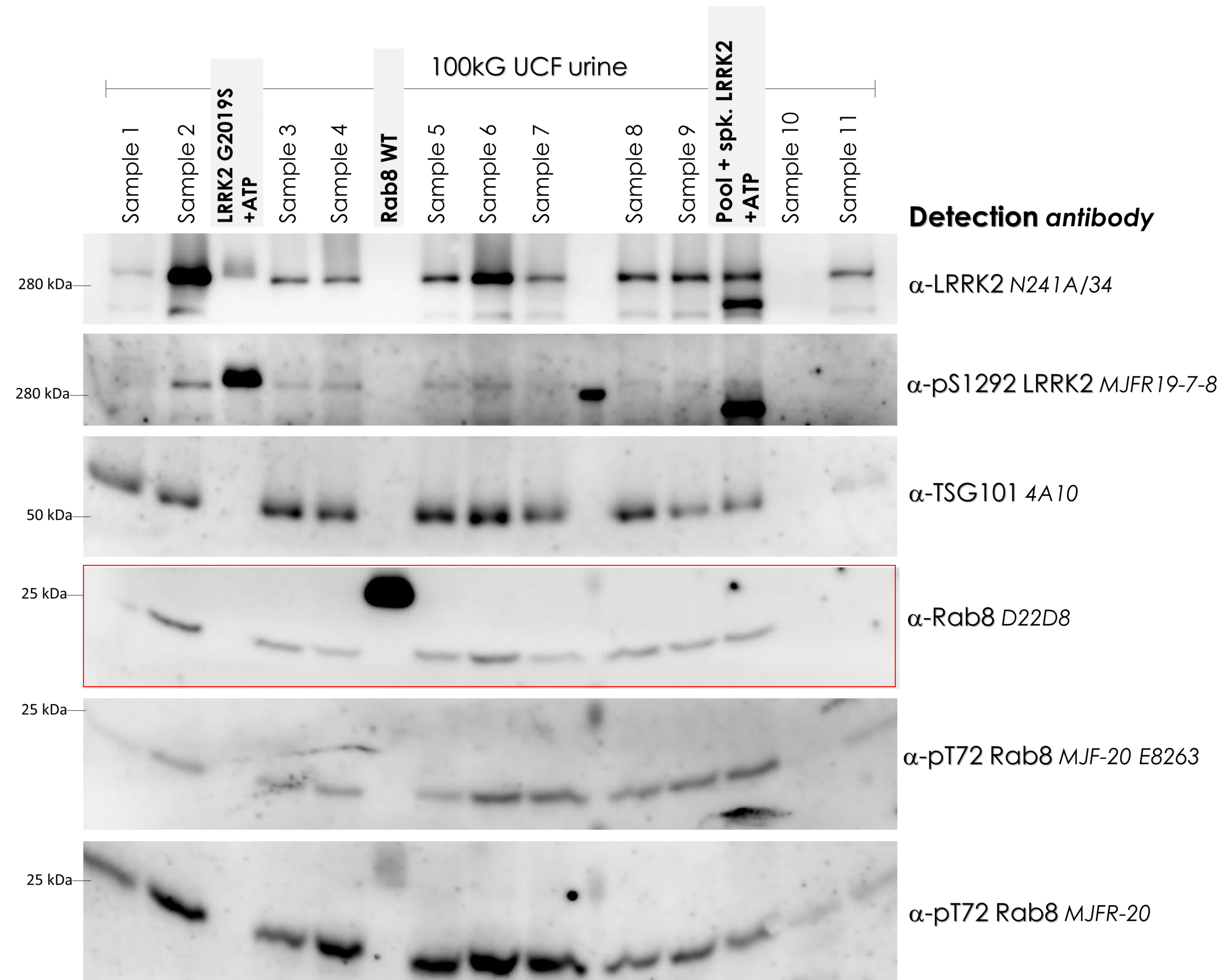
Suppl Figure 7



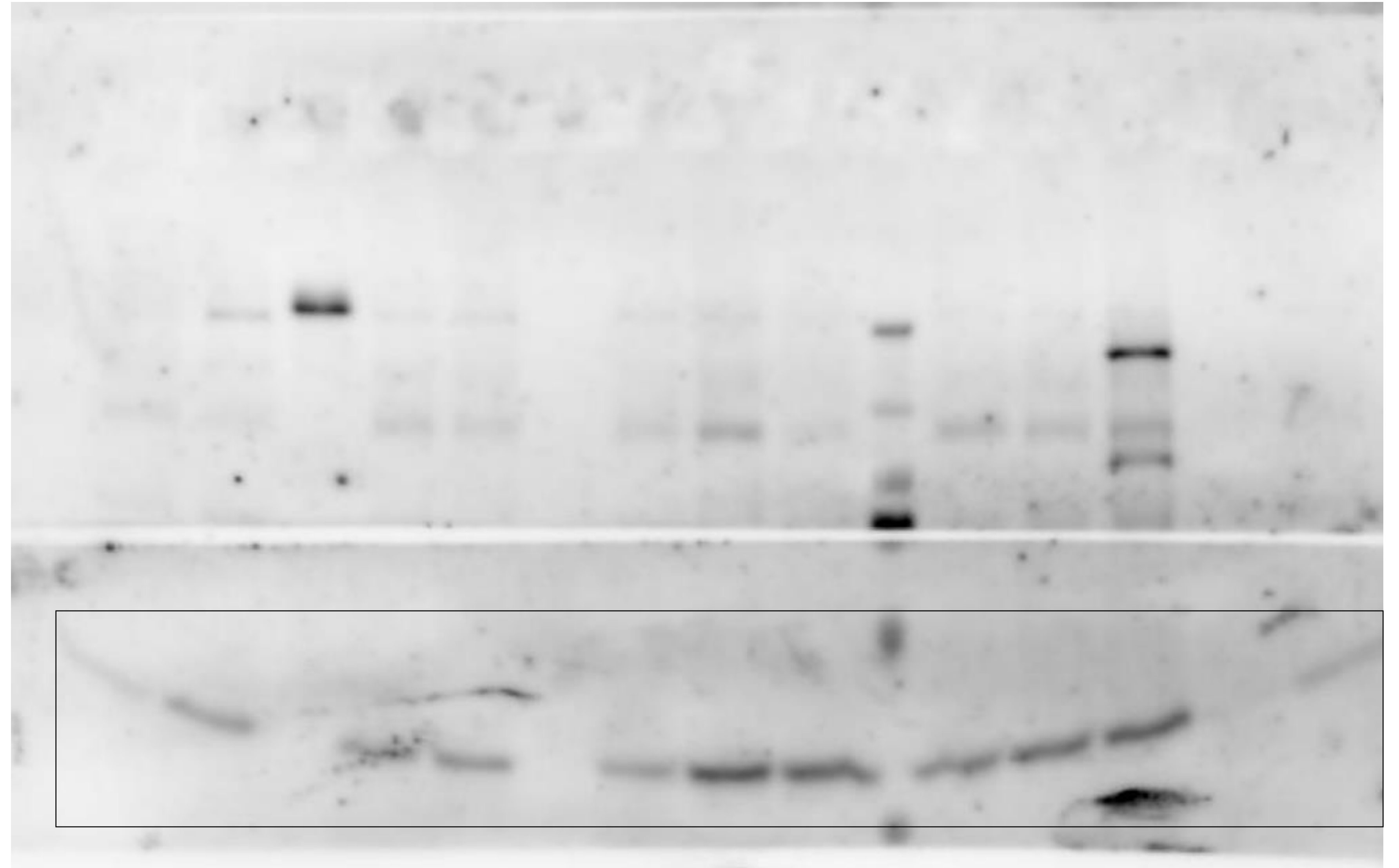
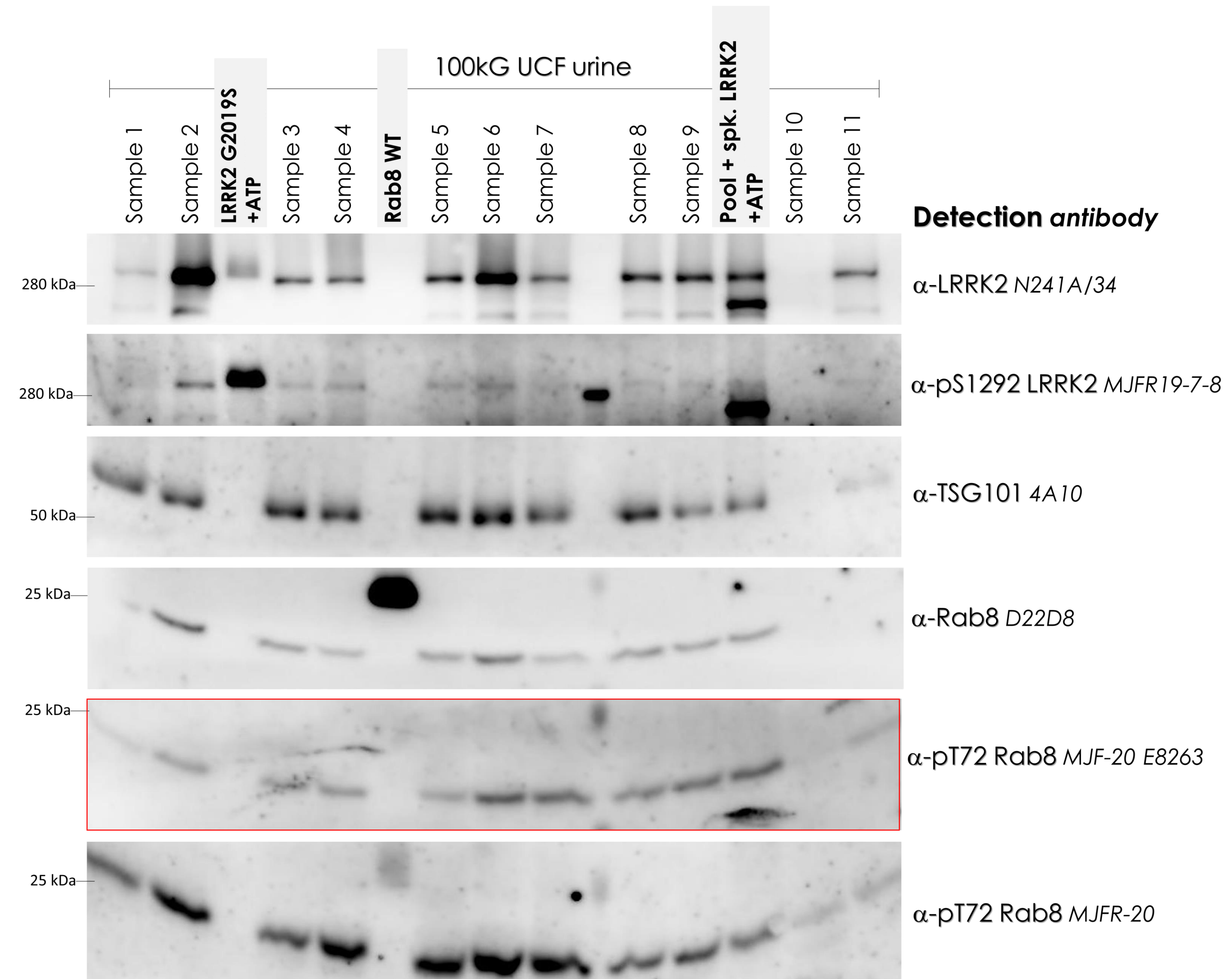
Suppl Figure 7



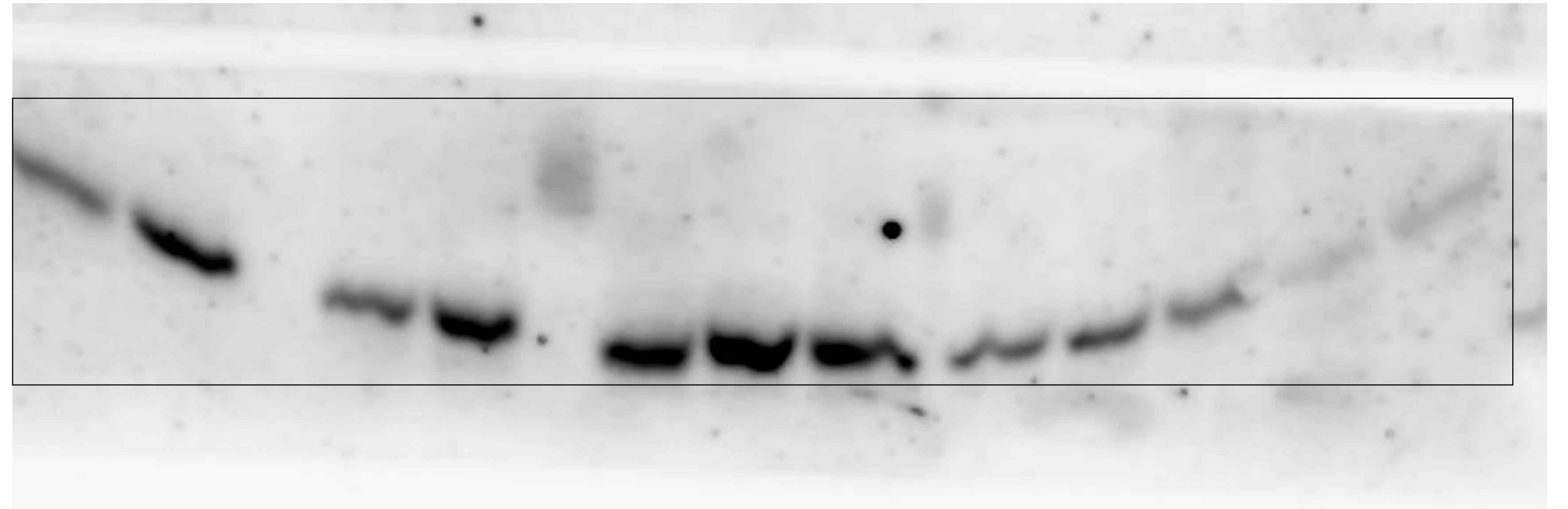
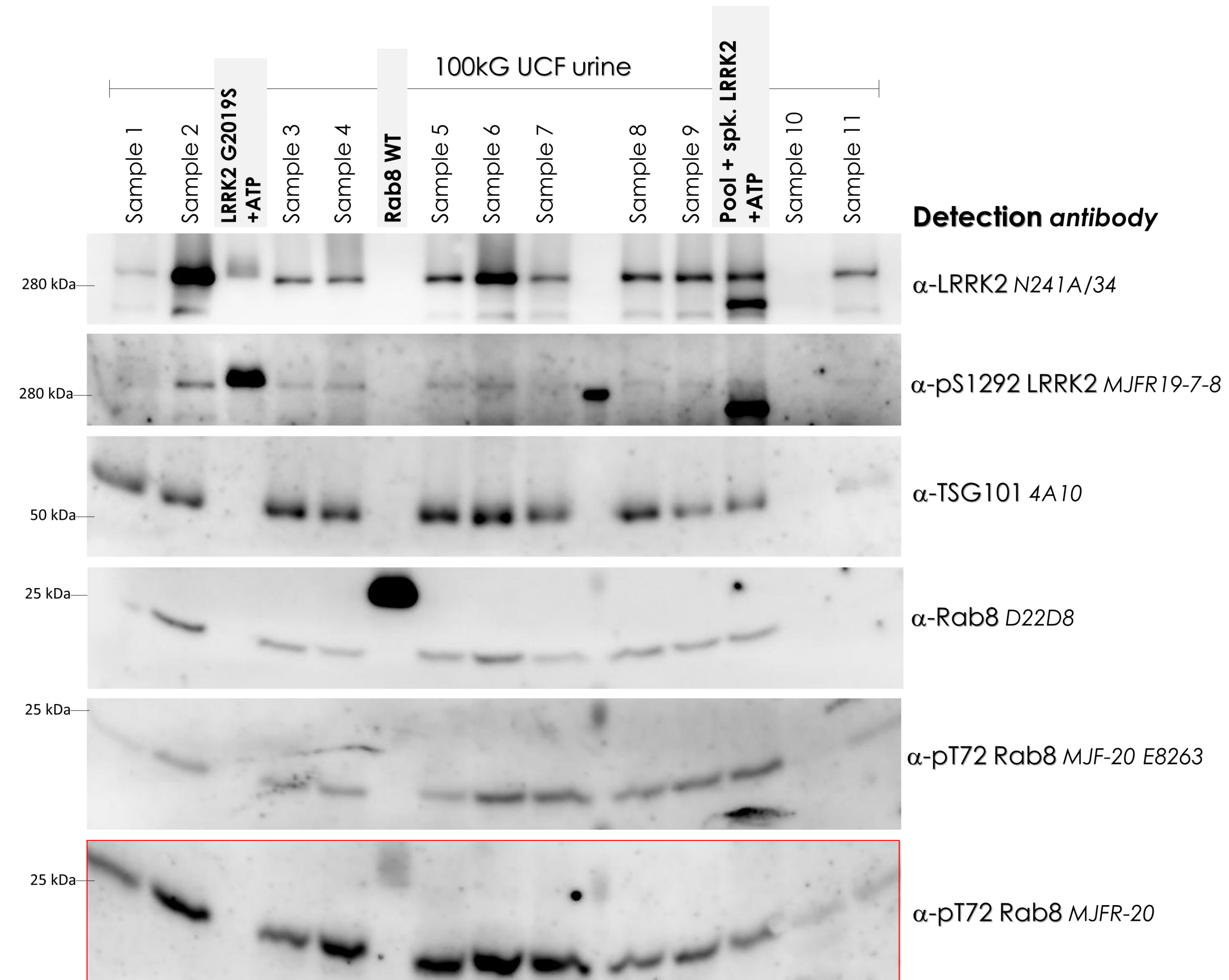
Suppl Figure 7



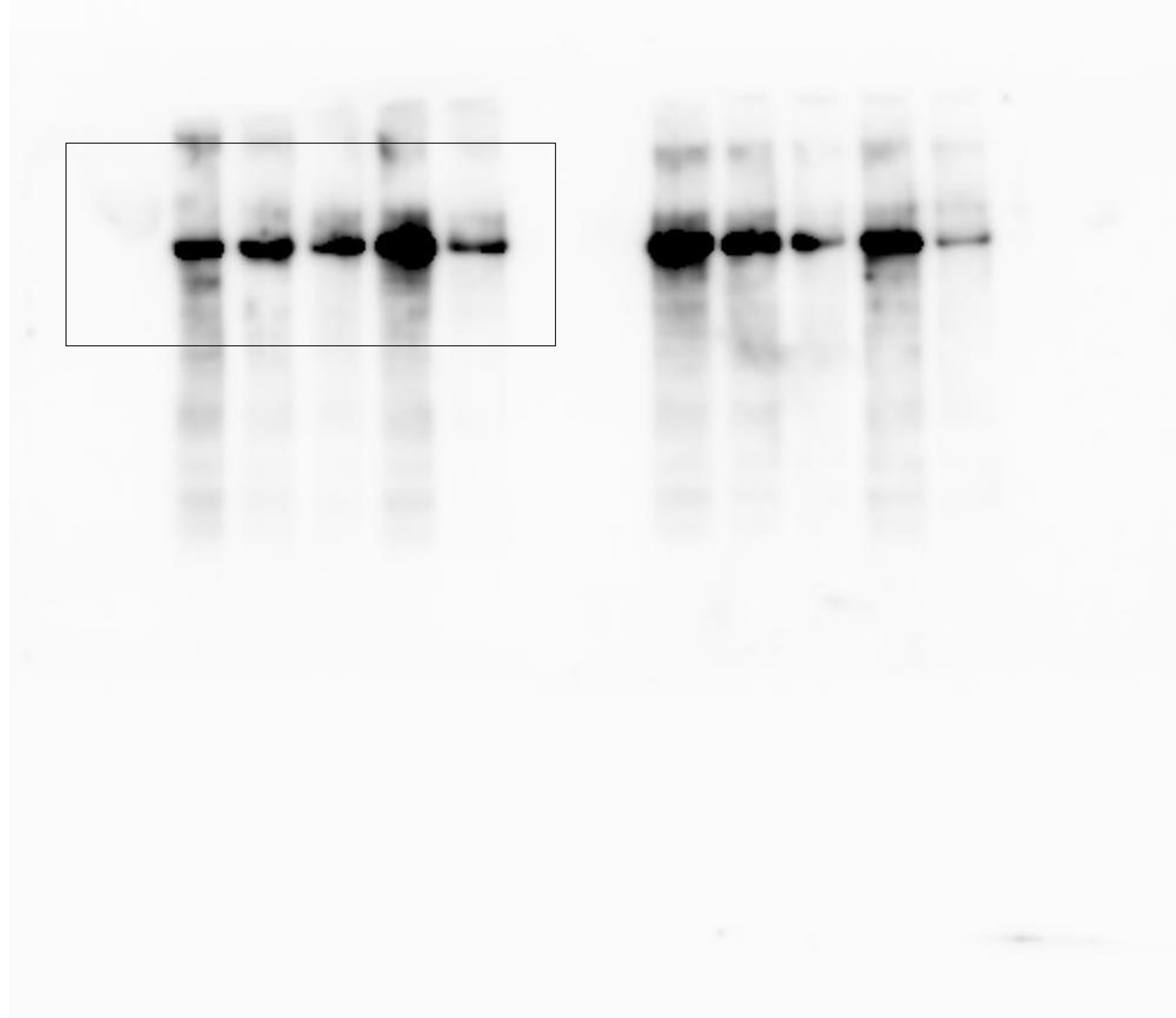
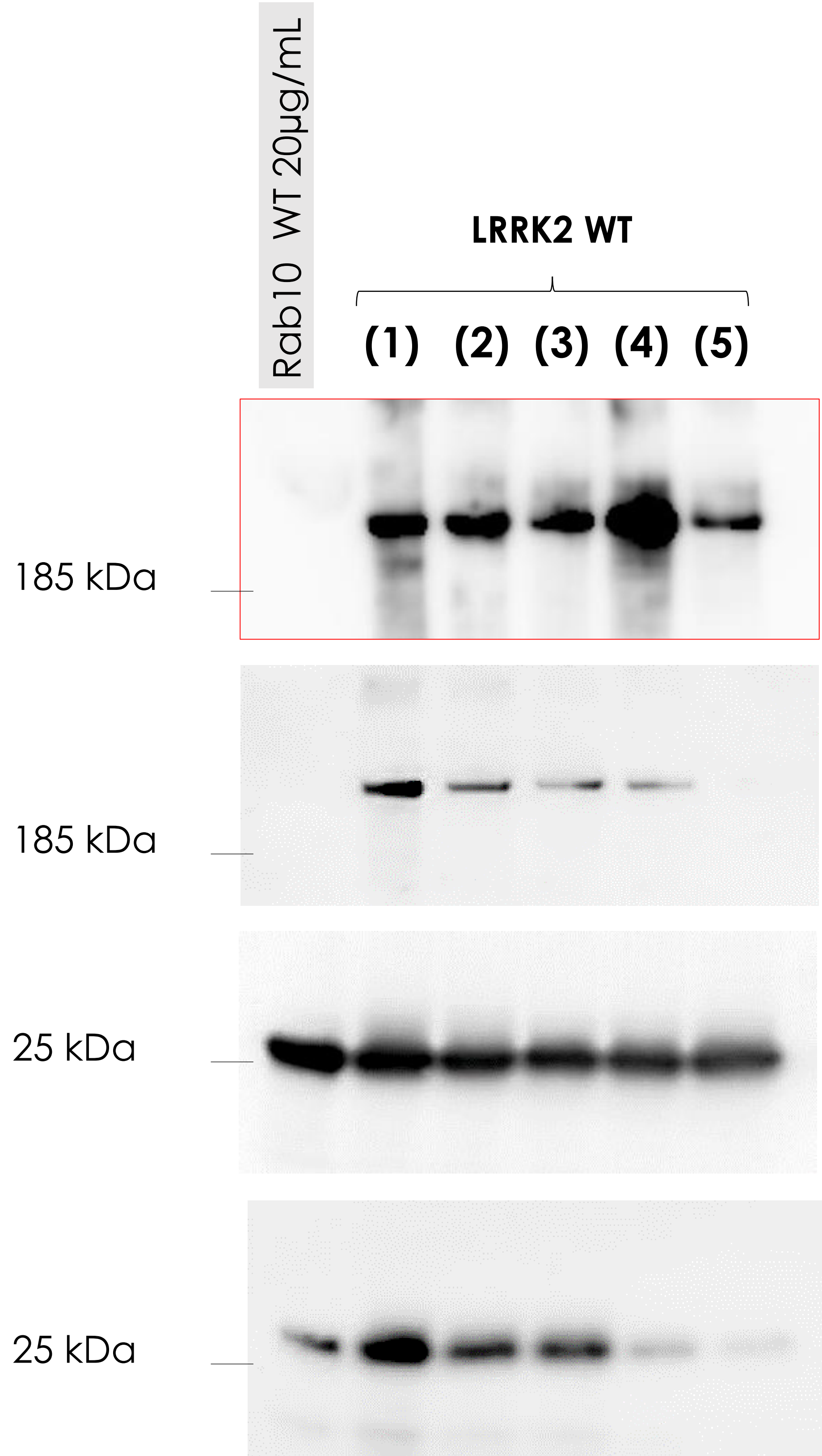
Suppl Figure 7



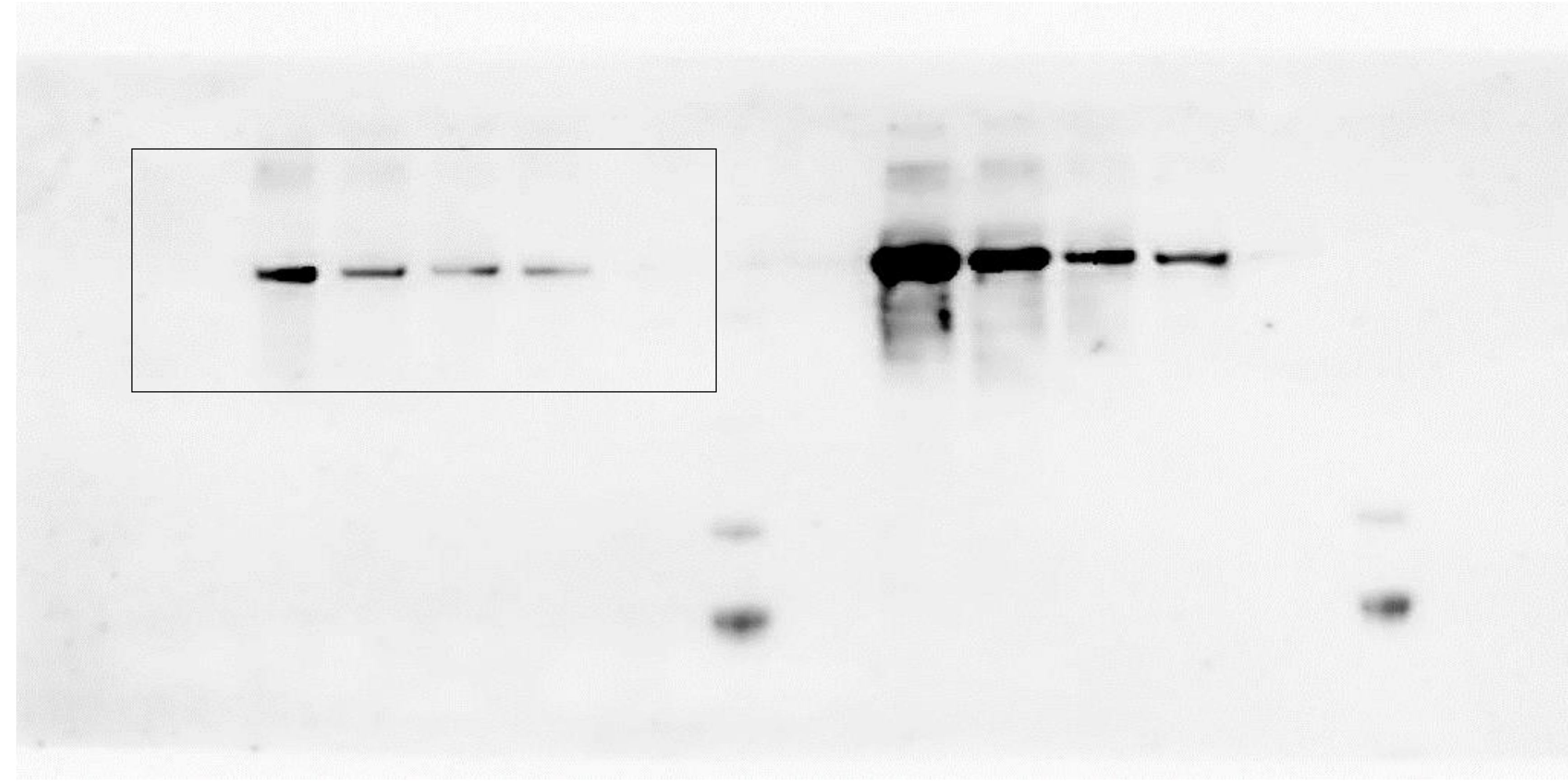
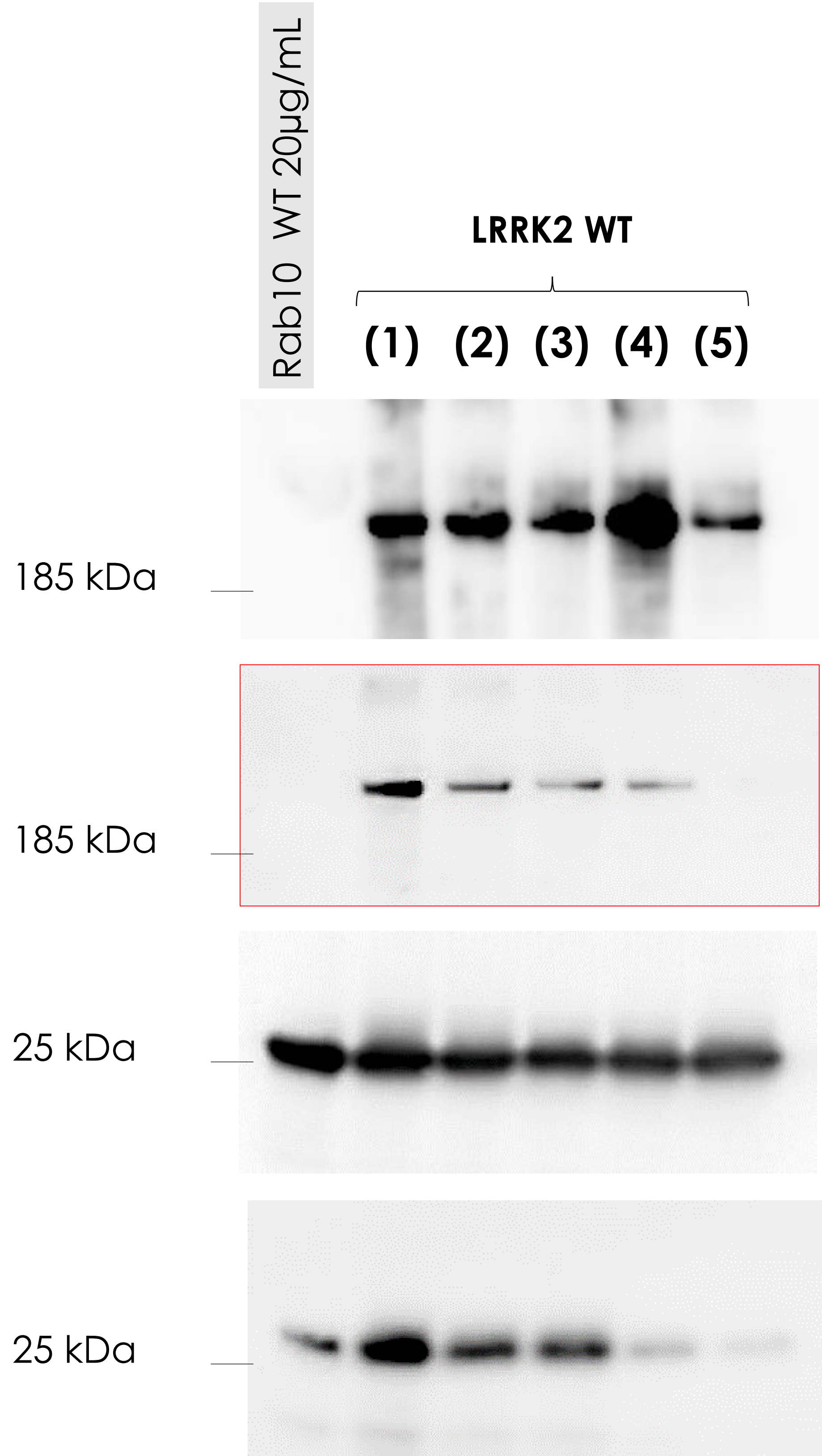
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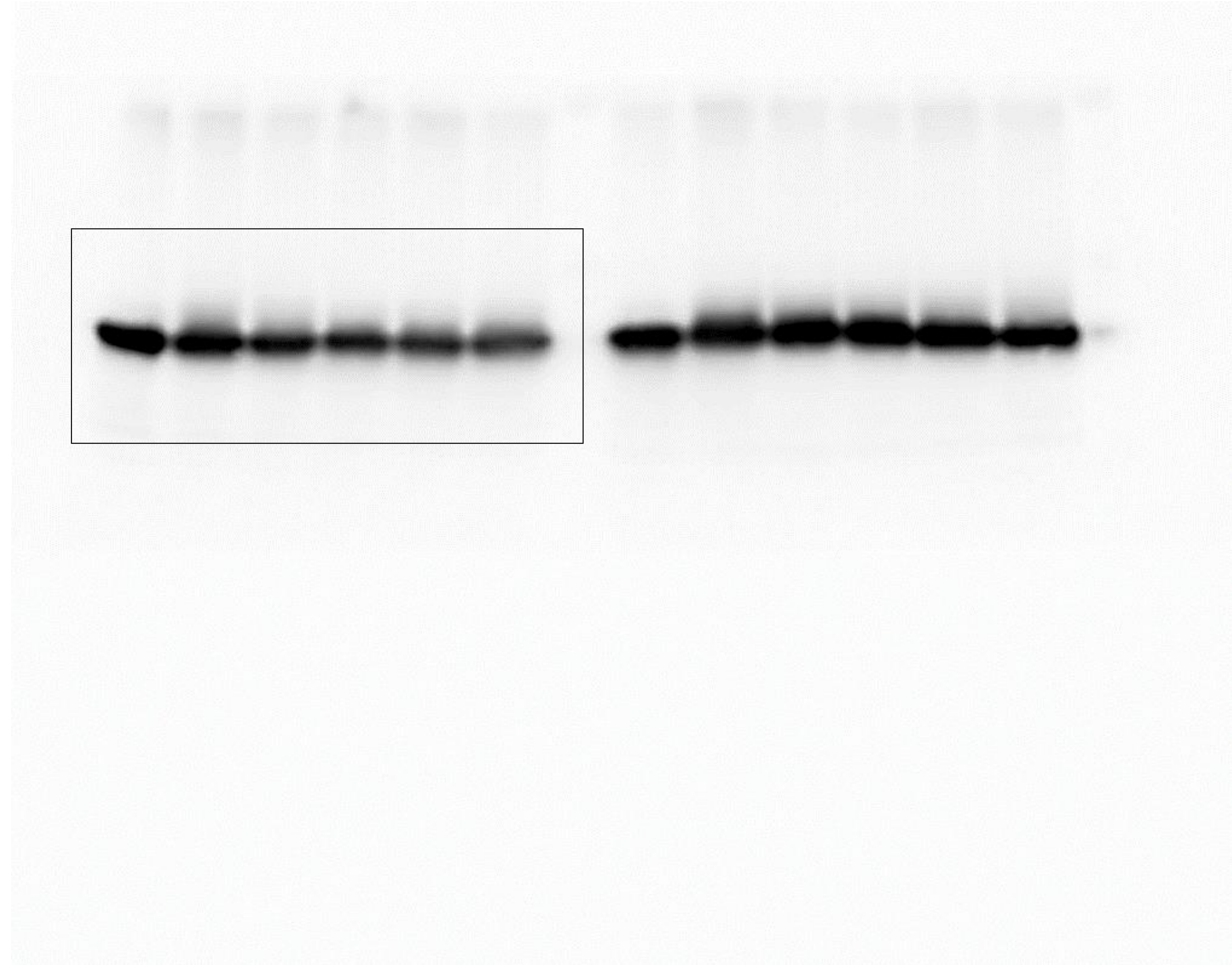
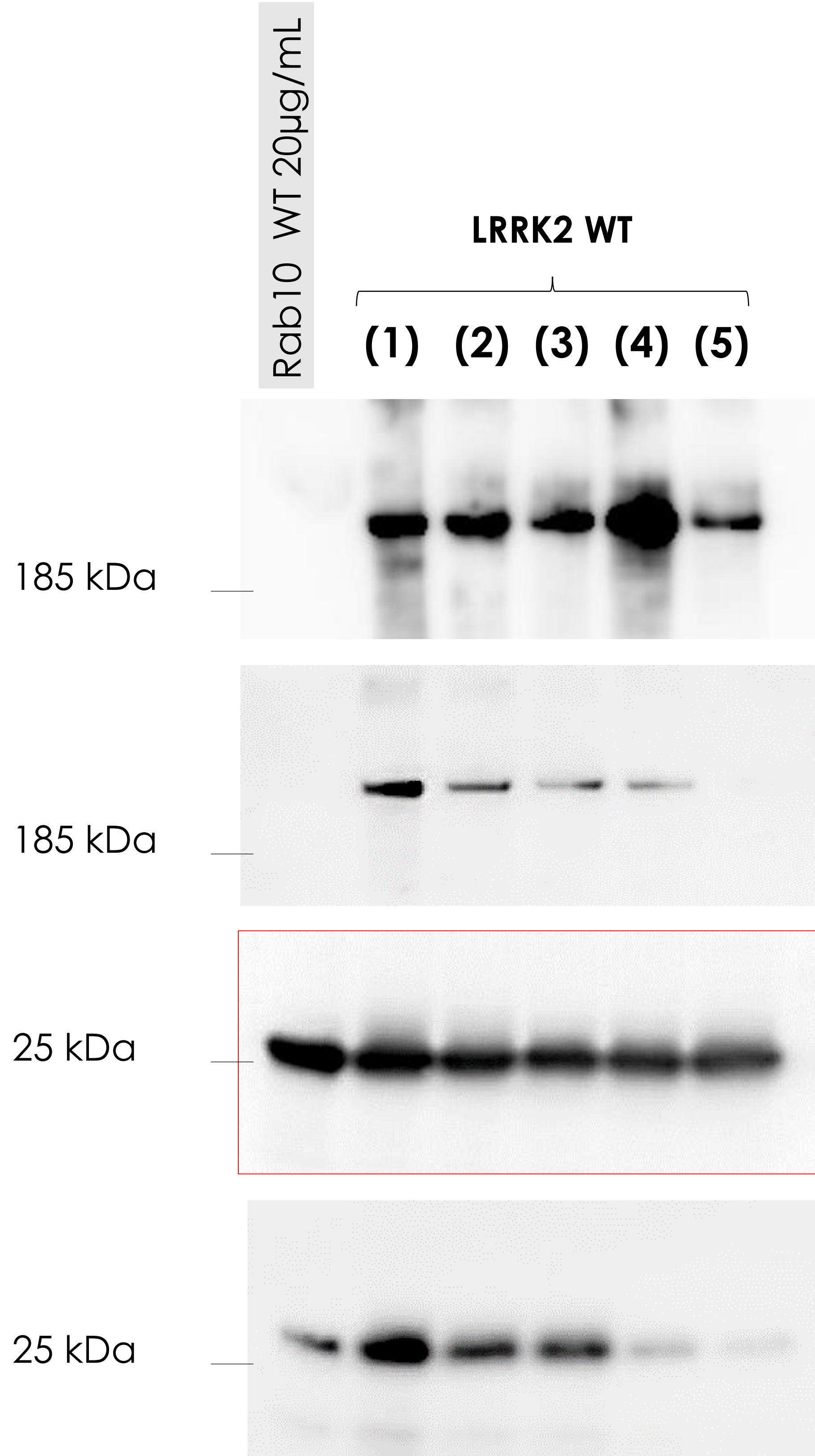
Suppl Figure 10



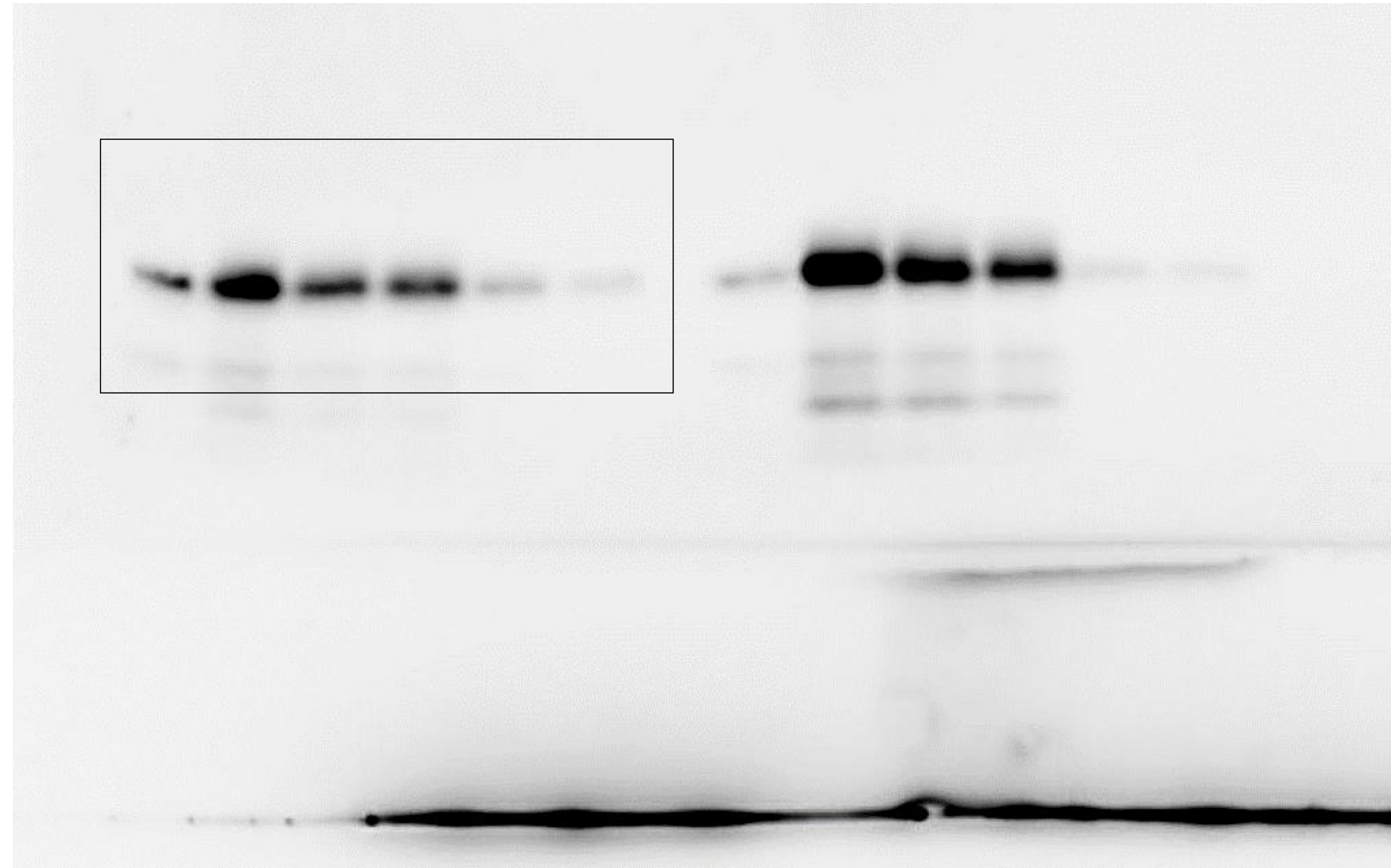
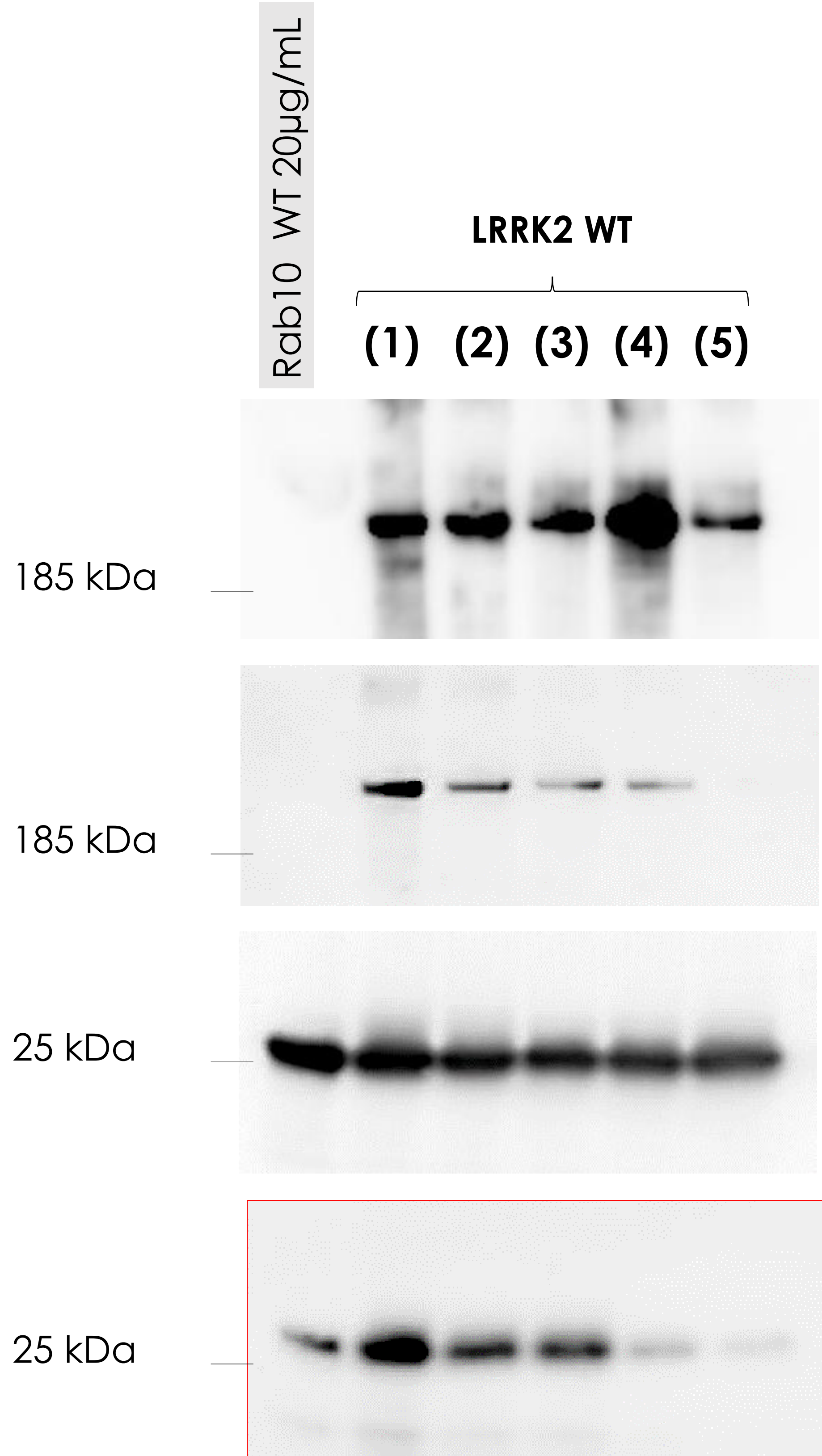
Suppl Figure 10



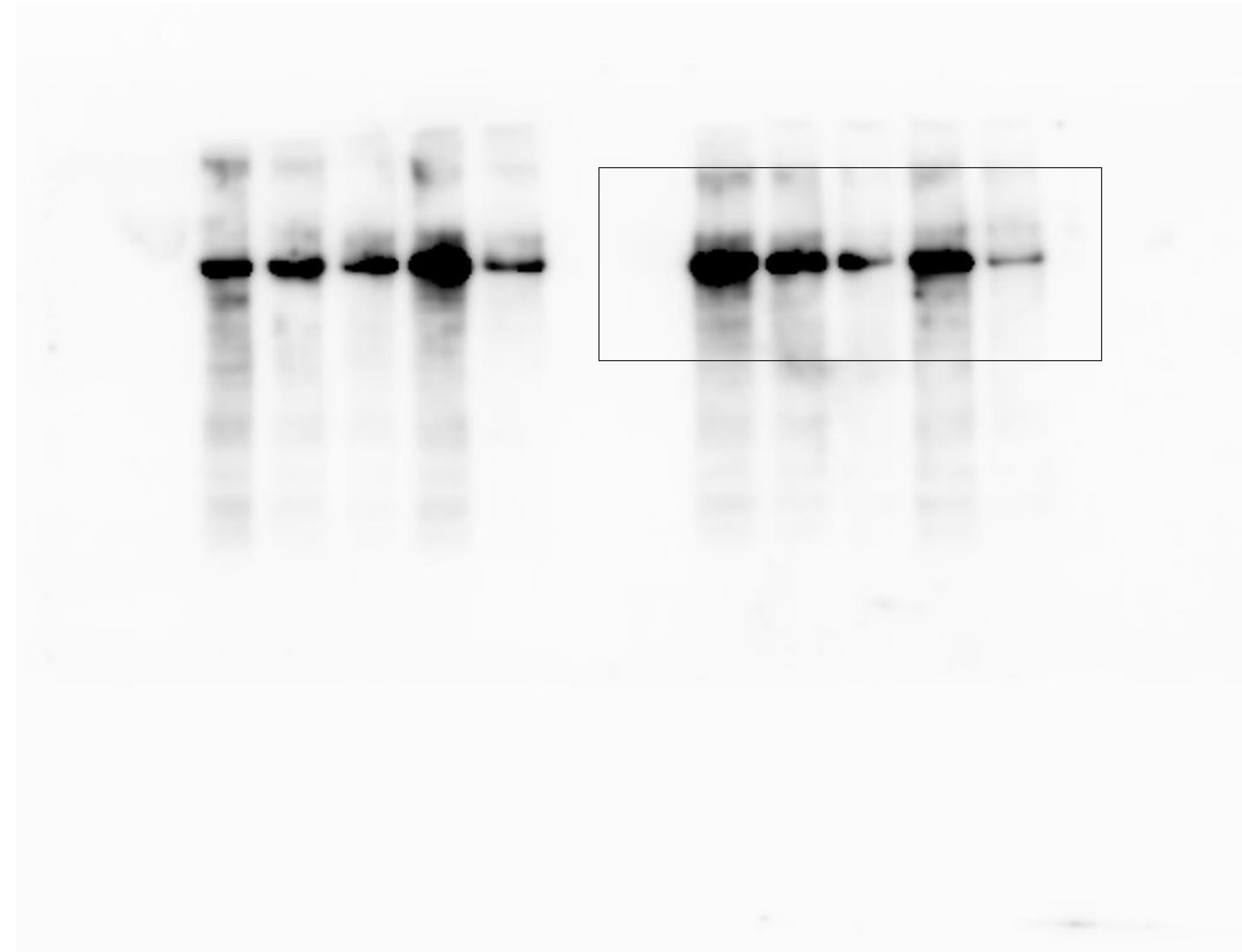
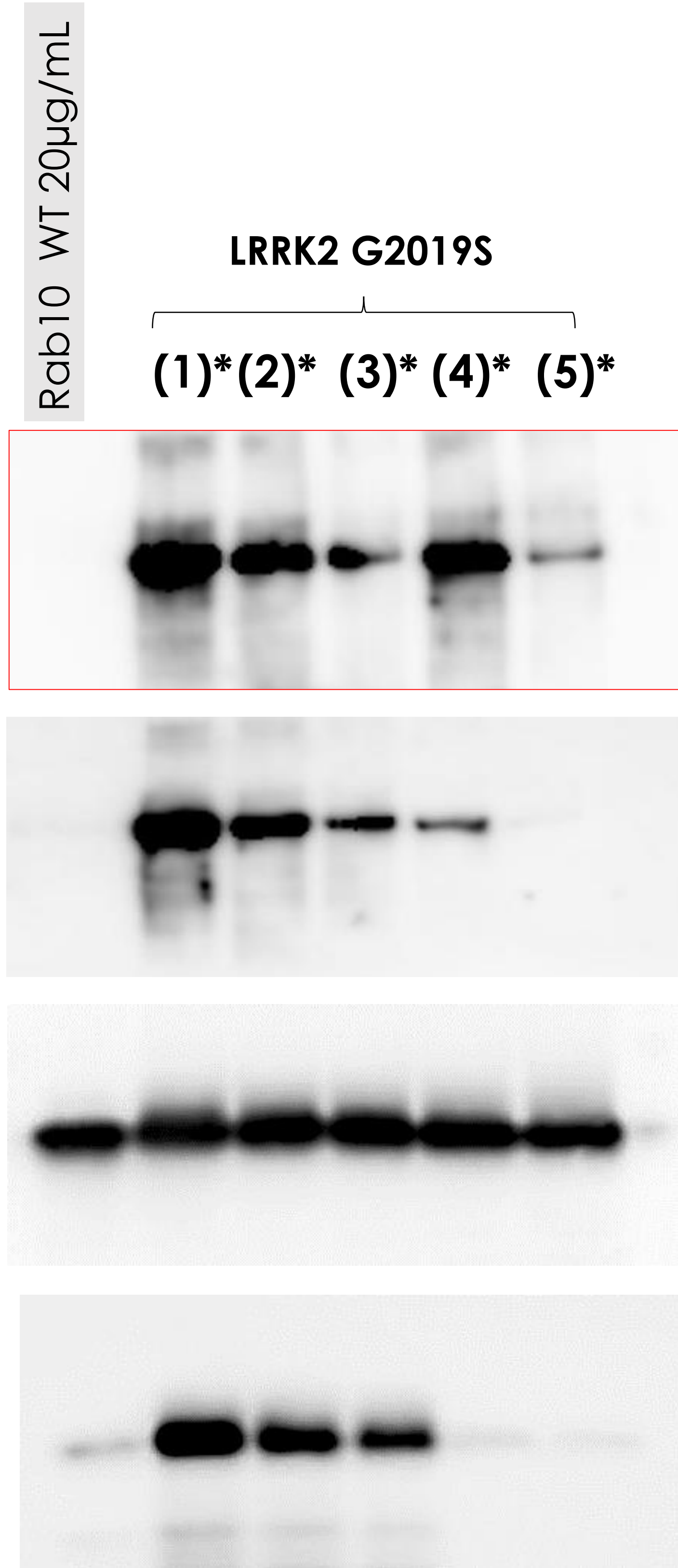
Suppl Figure 10



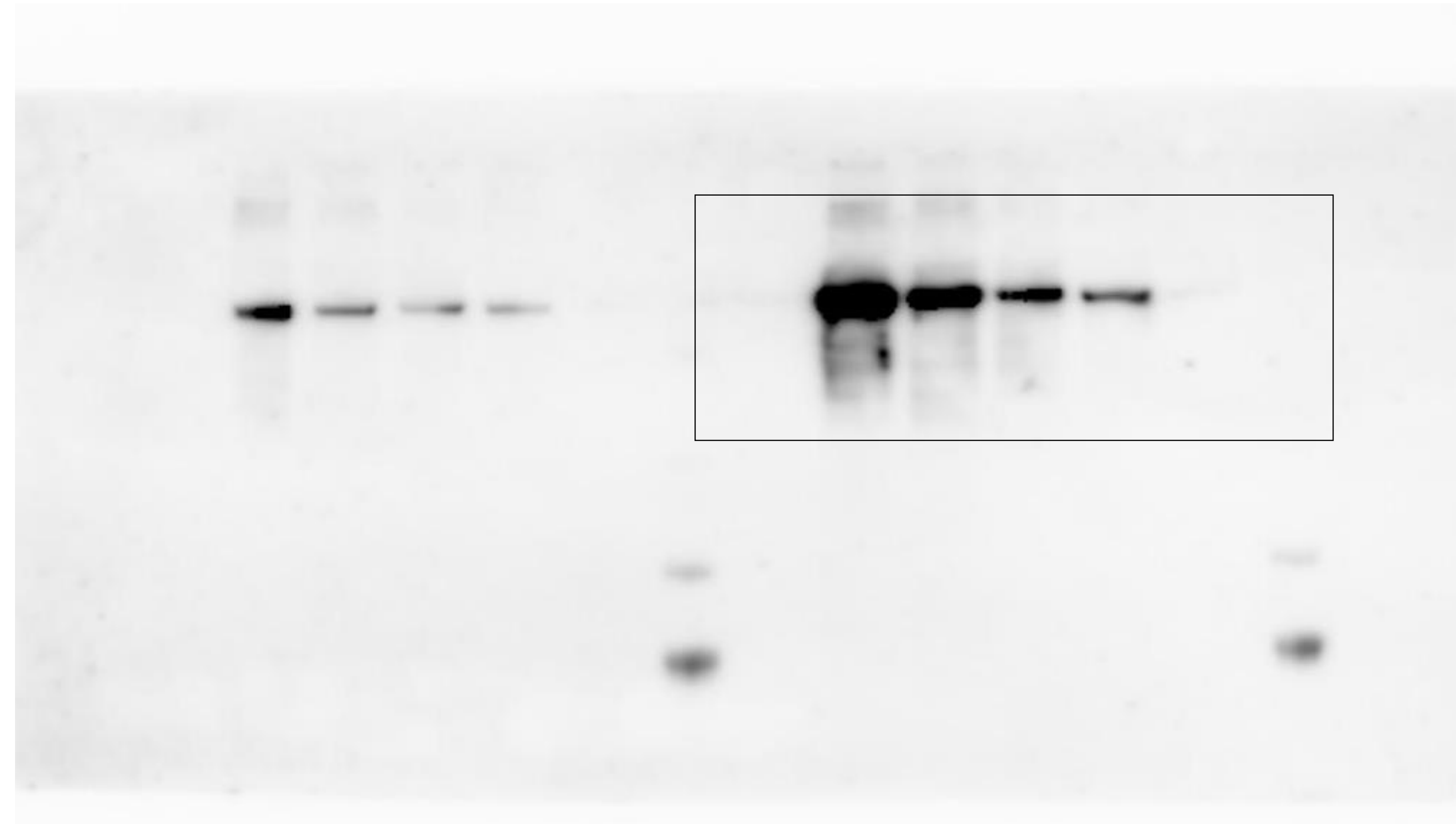
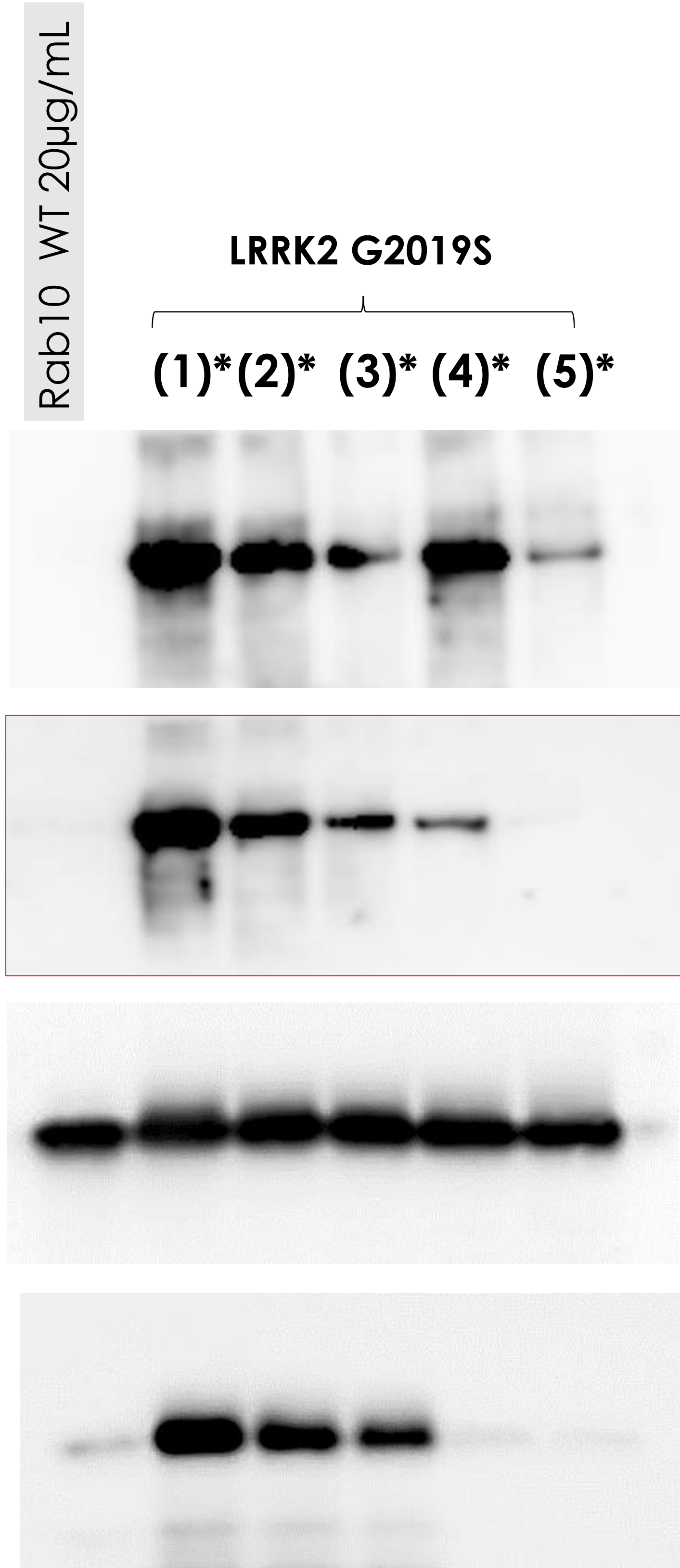
Suppl Figure 10



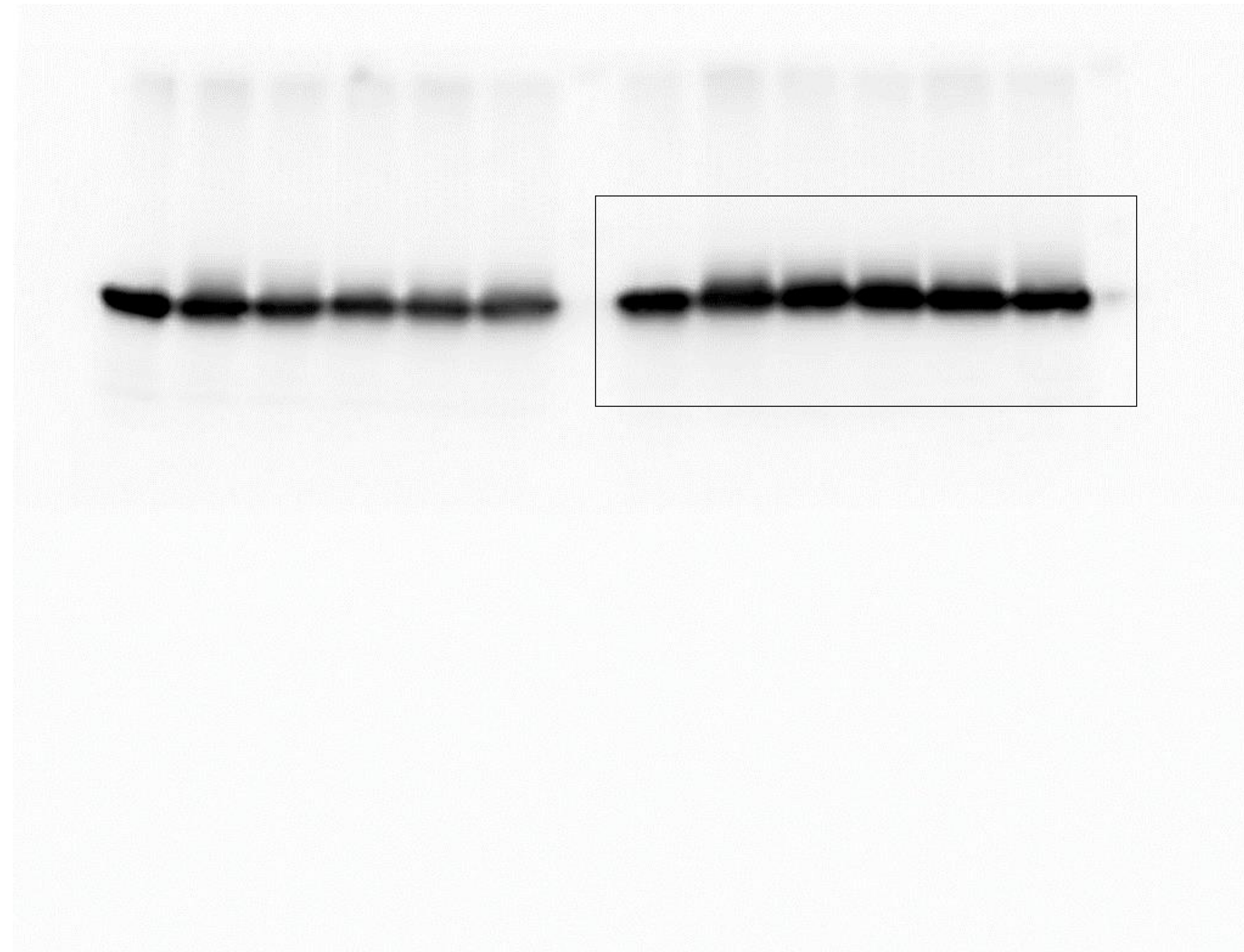
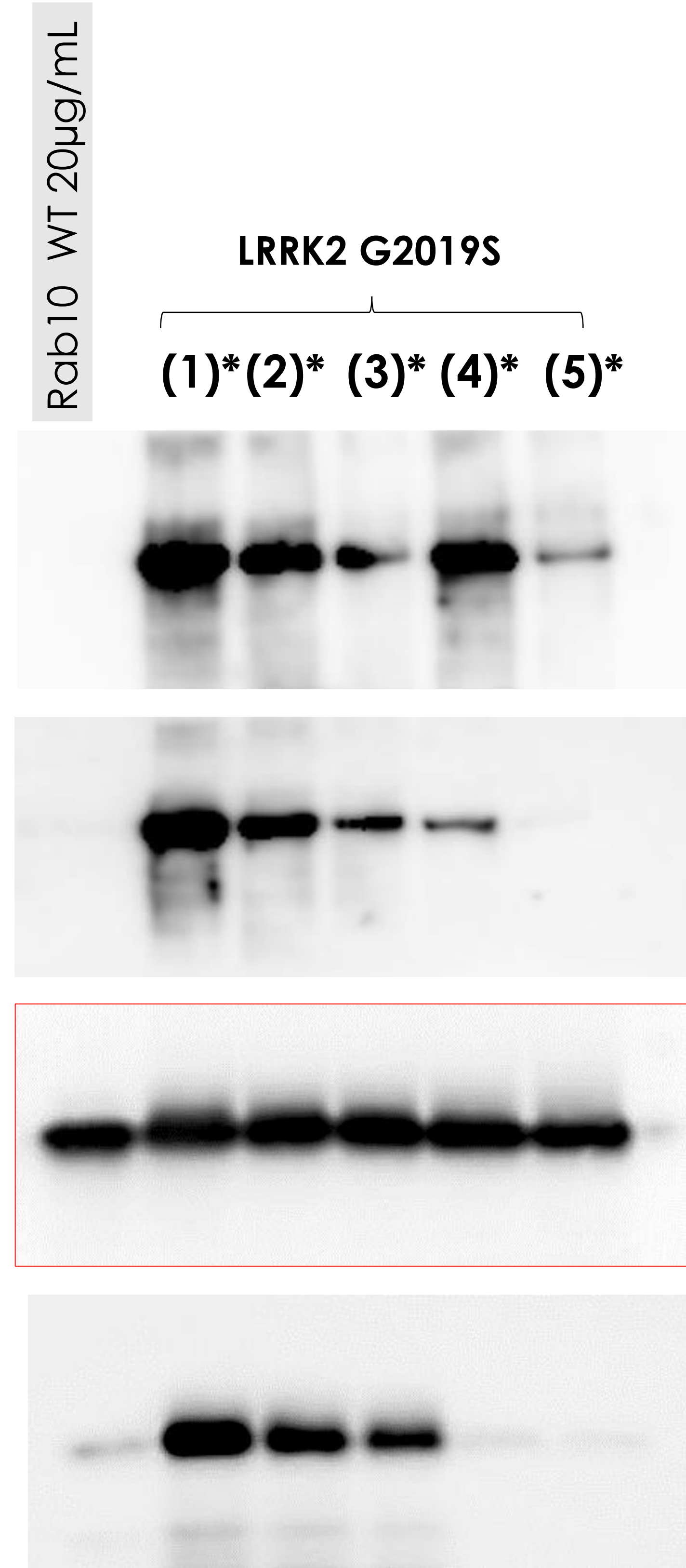
Suppl Figure 10



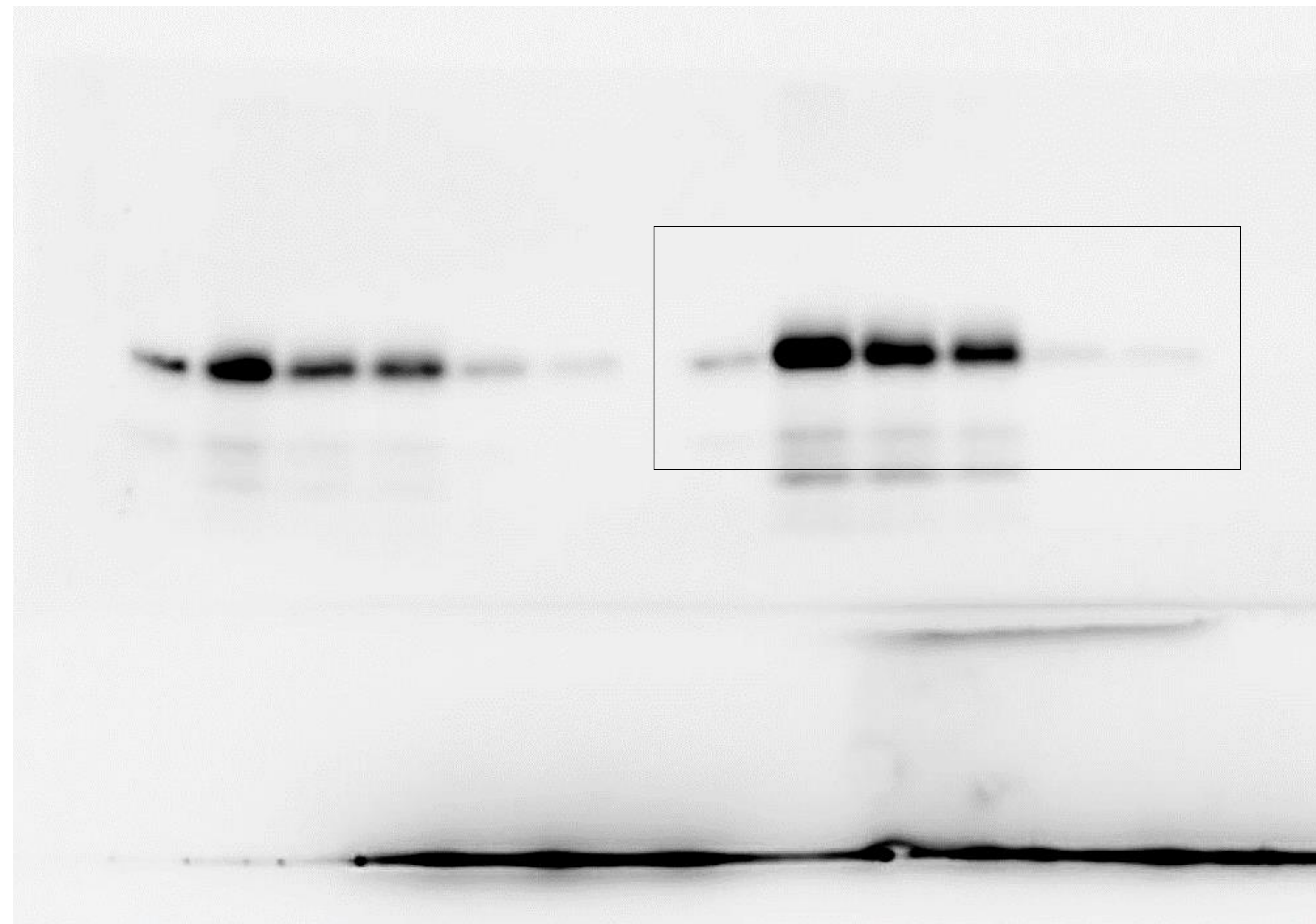
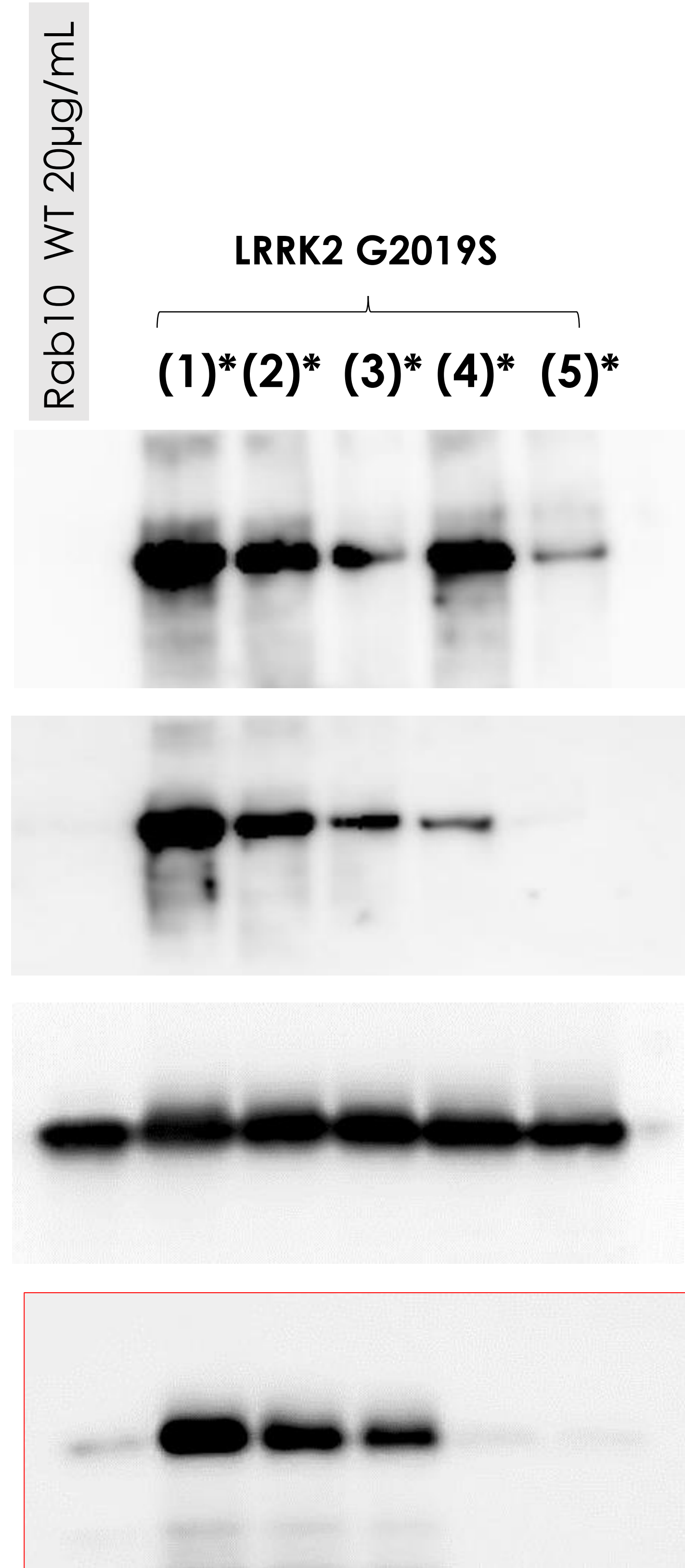
Suppl Figure 10

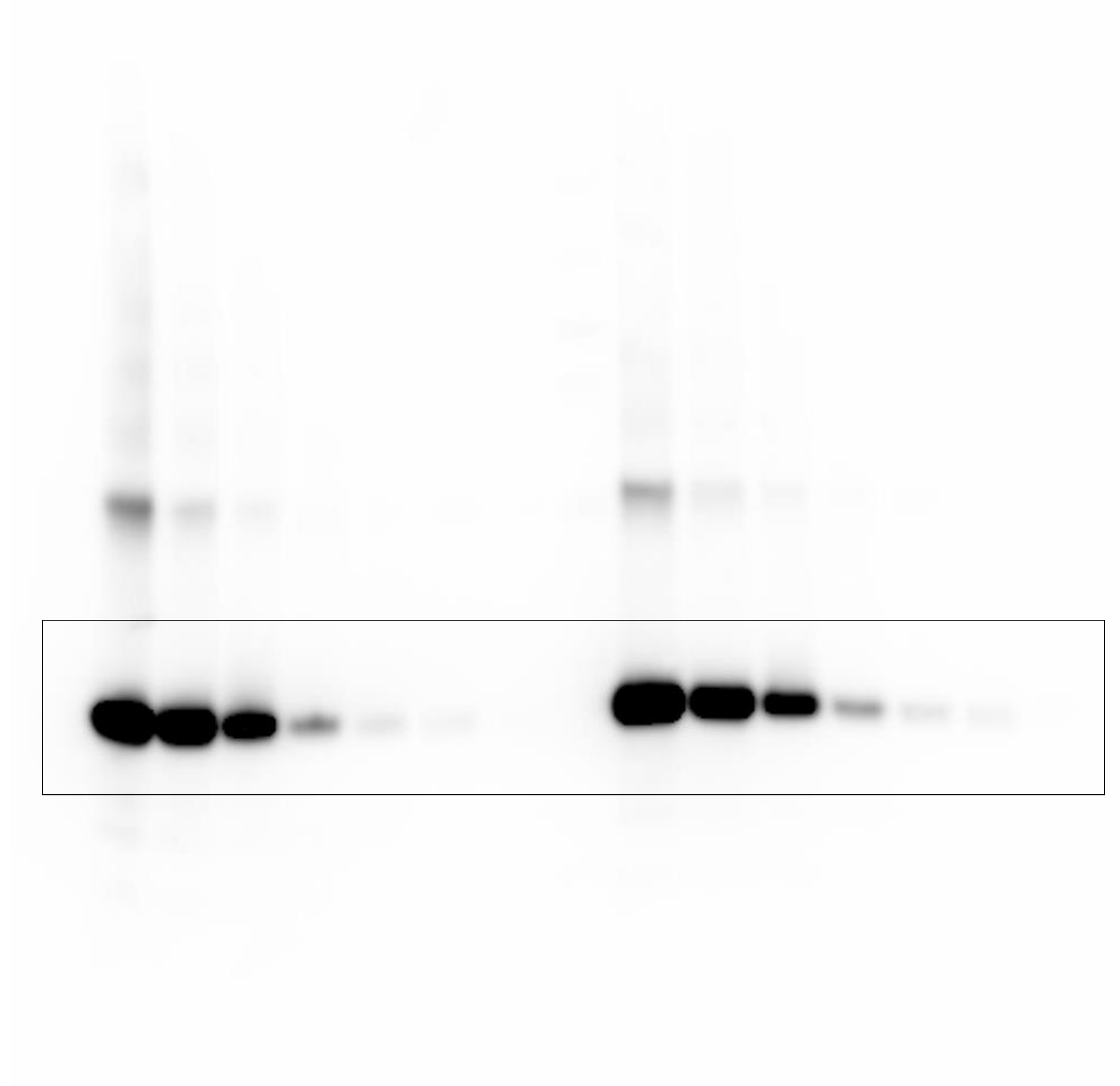
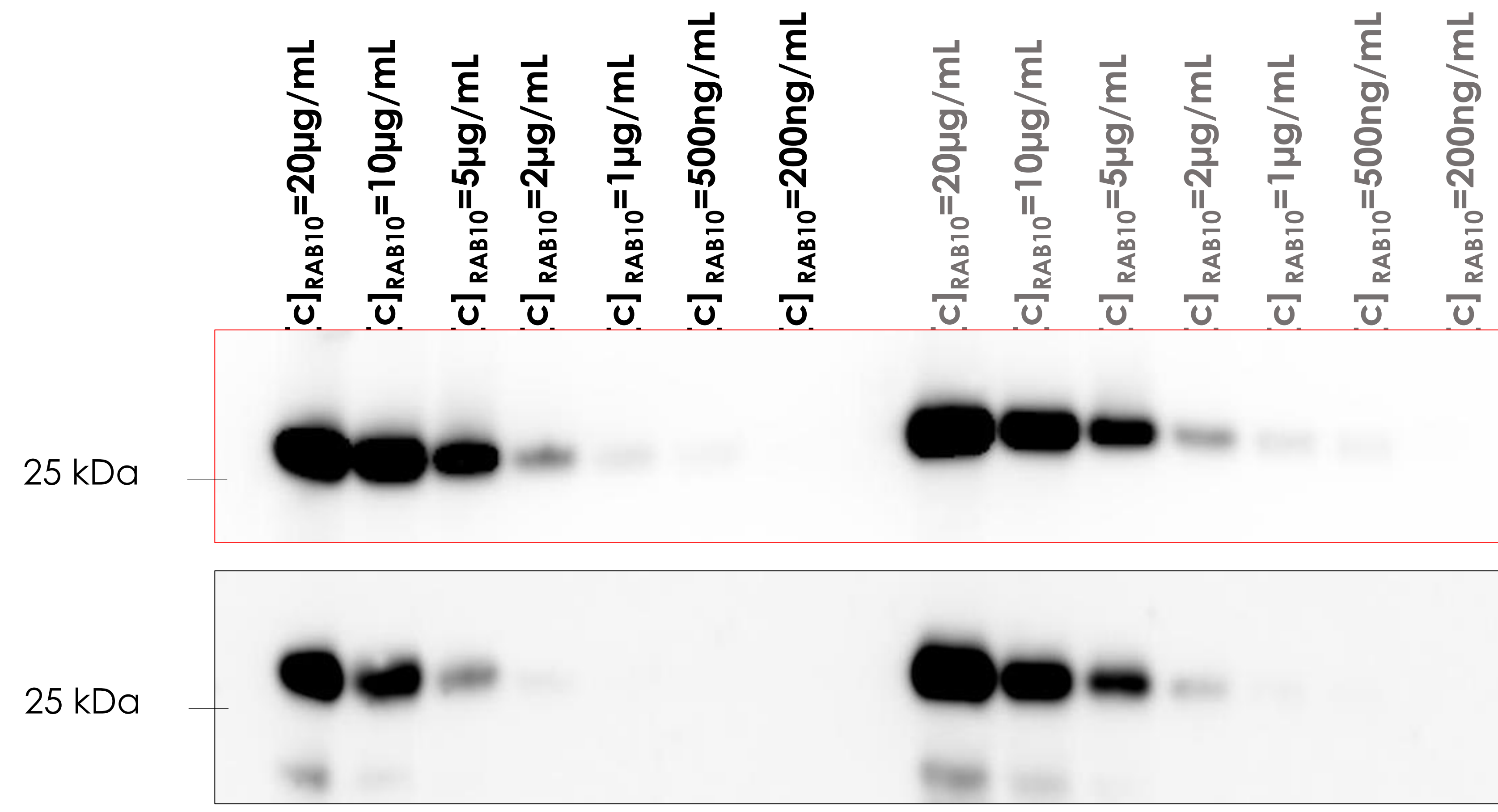


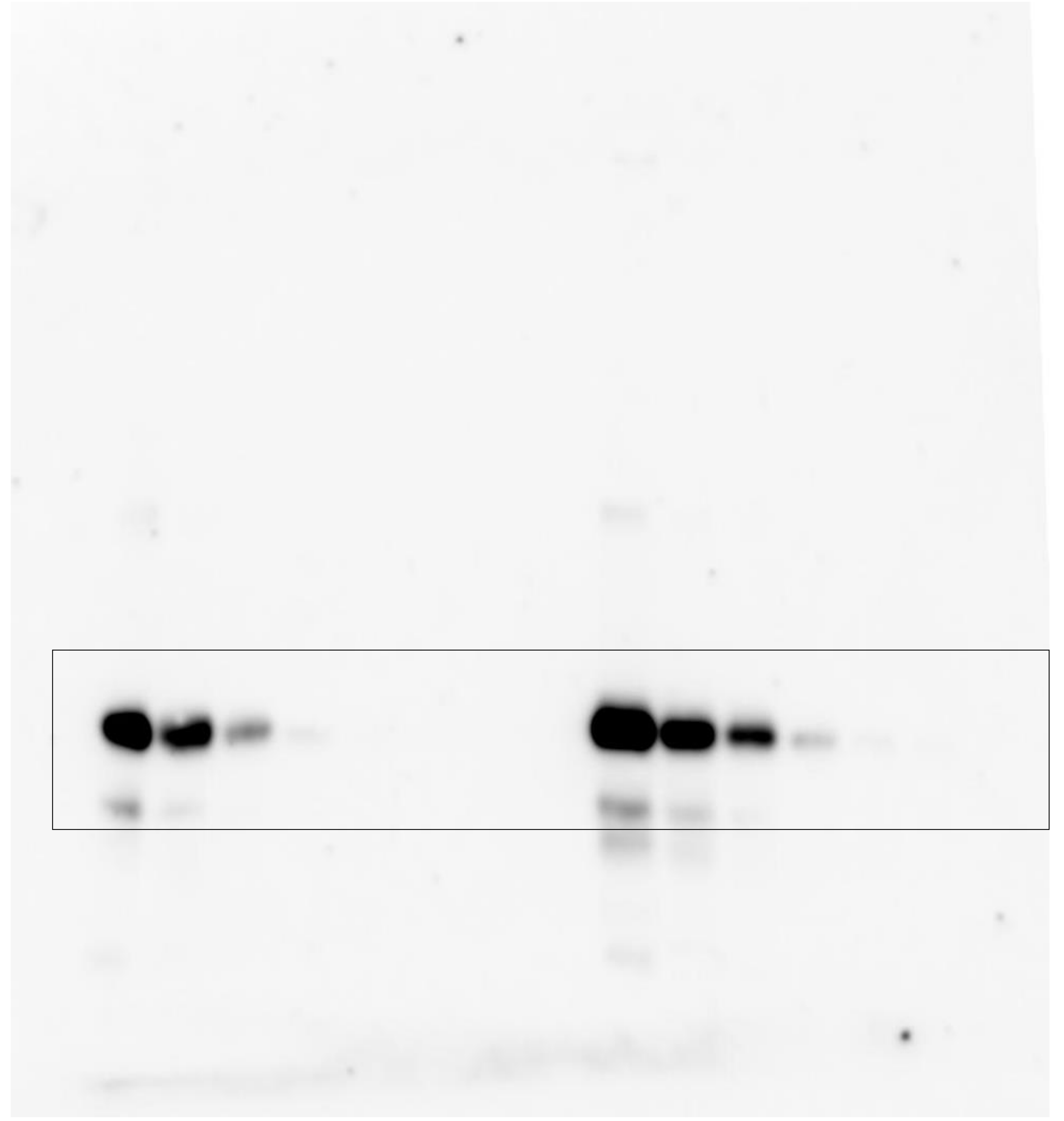
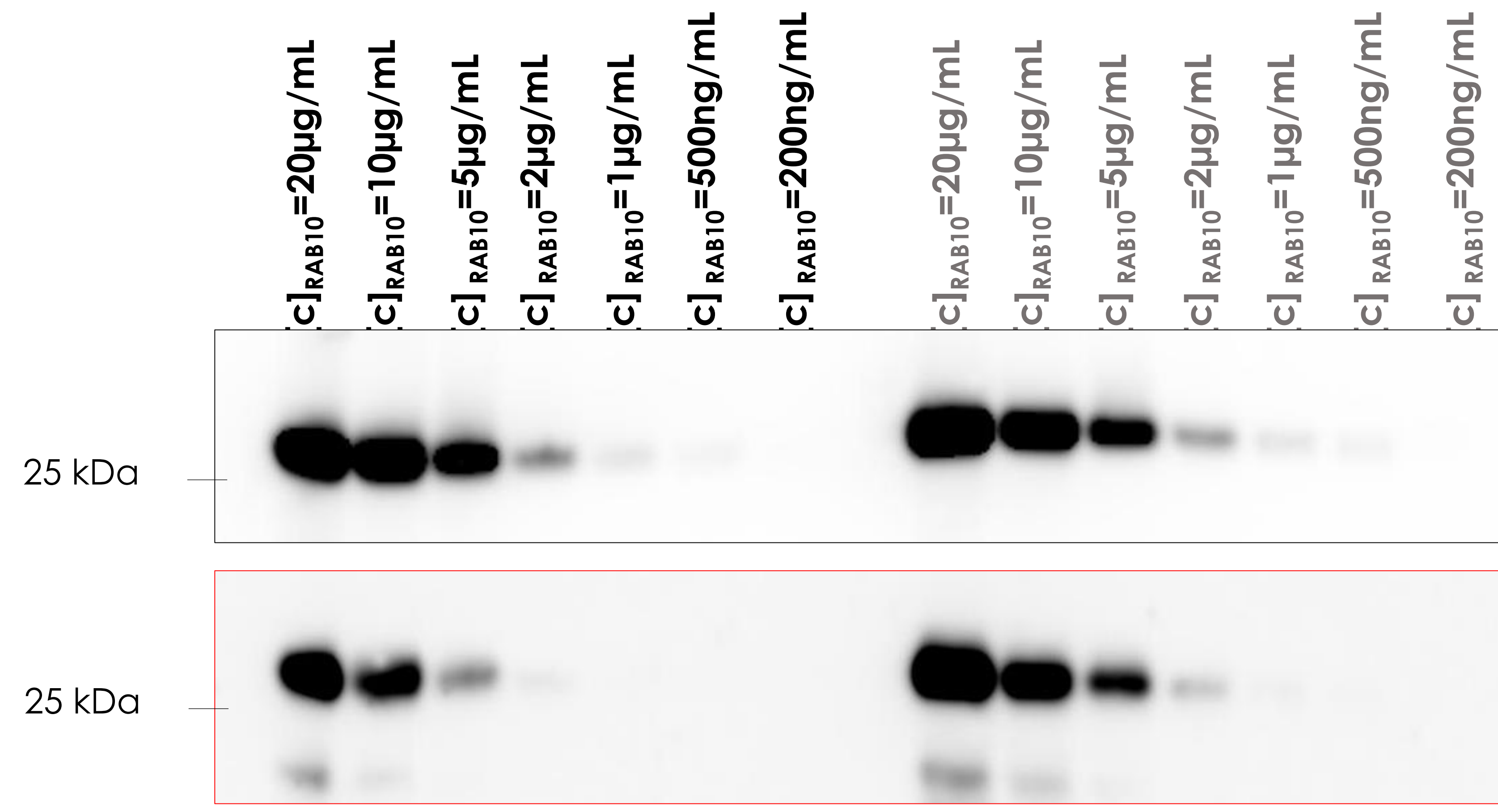
Suppl Figure 10



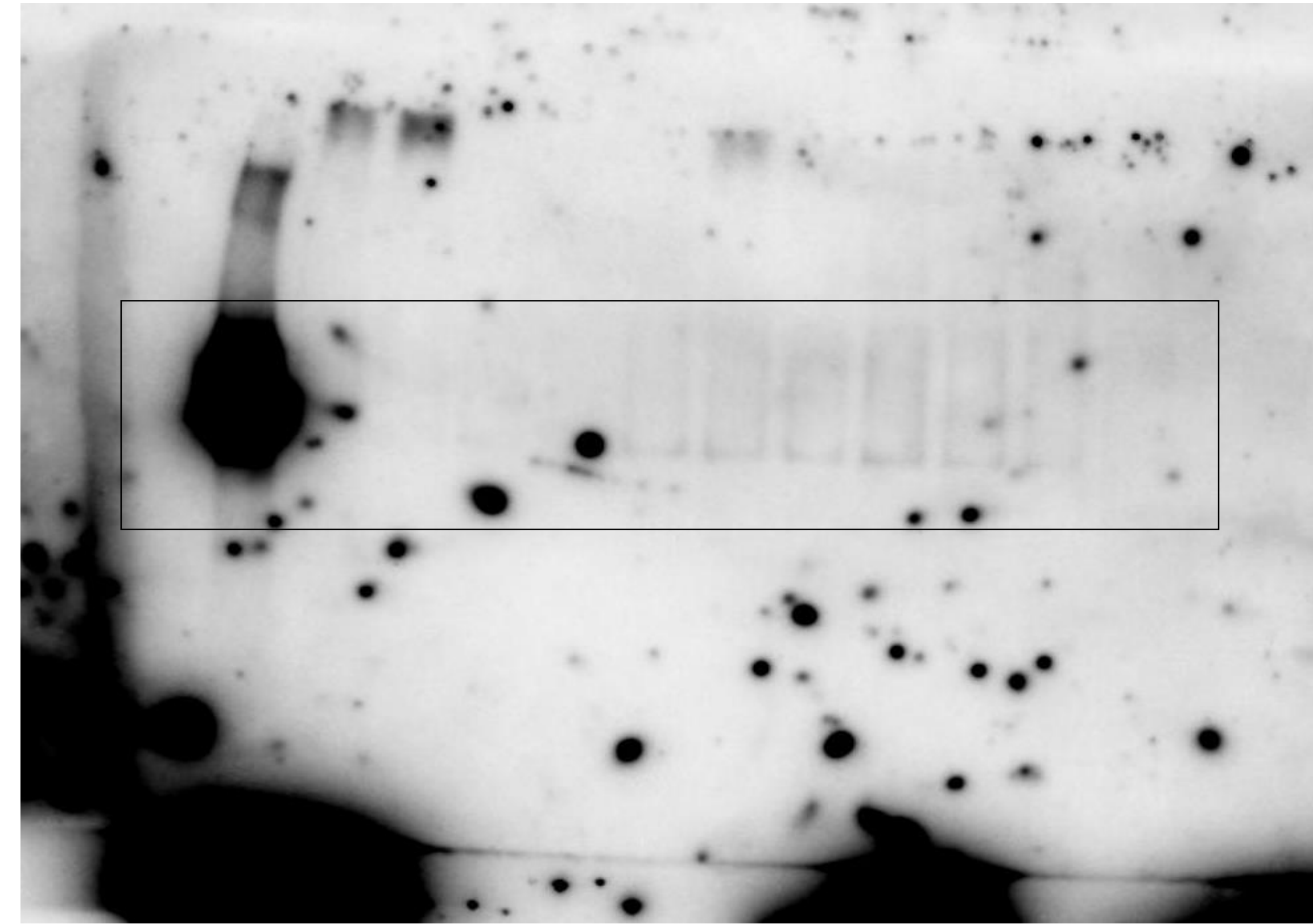
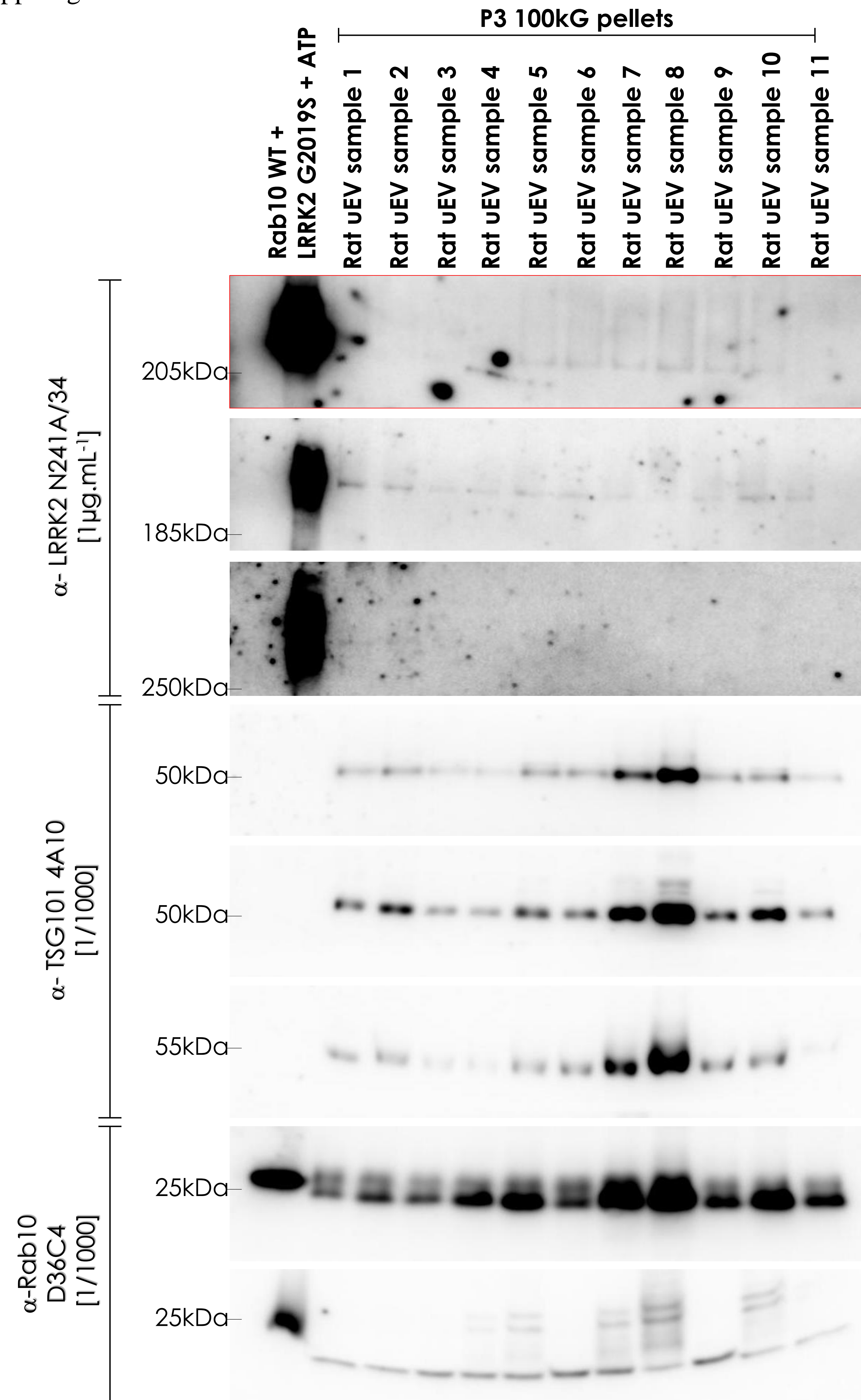
Suppl Figure 10



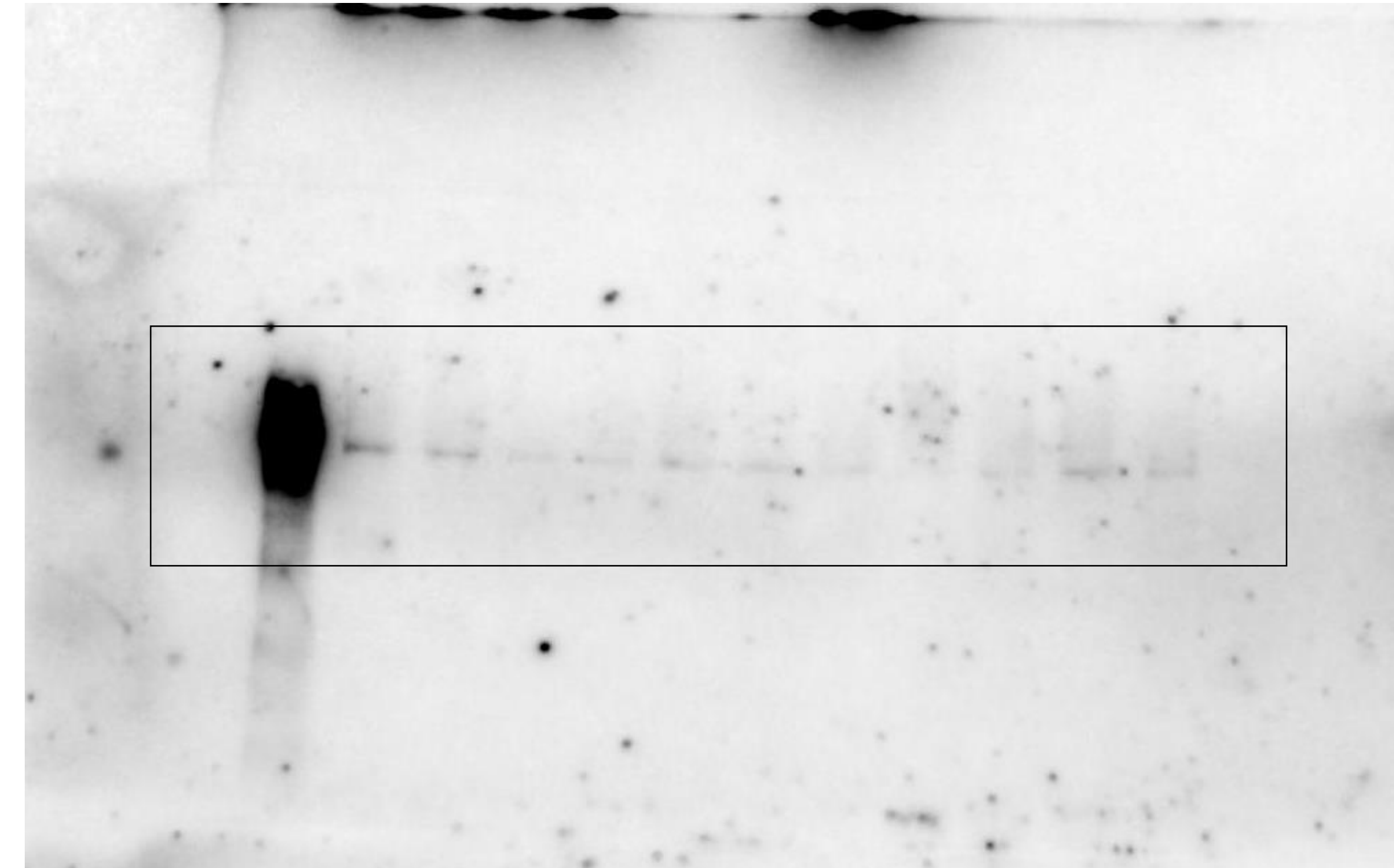
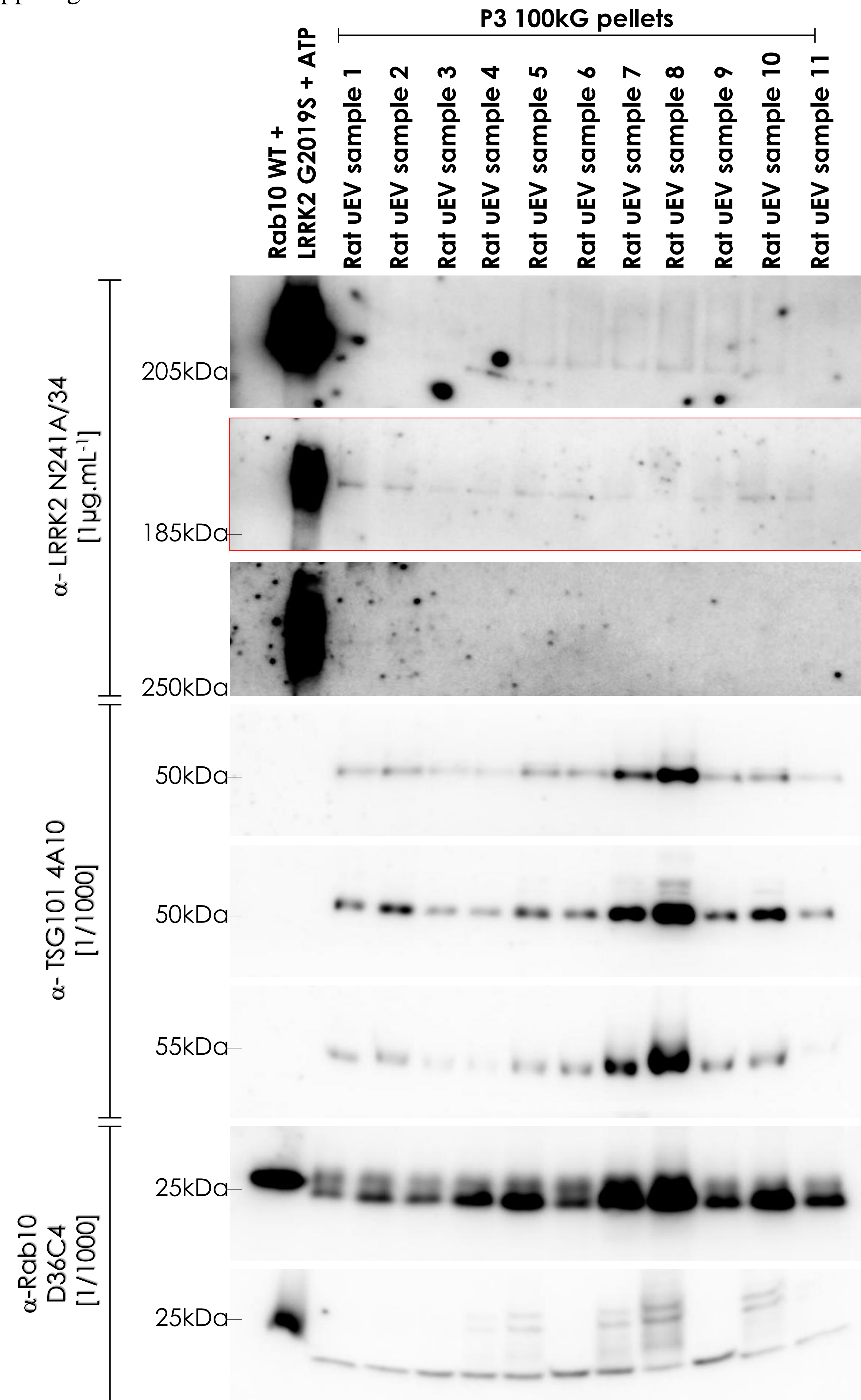




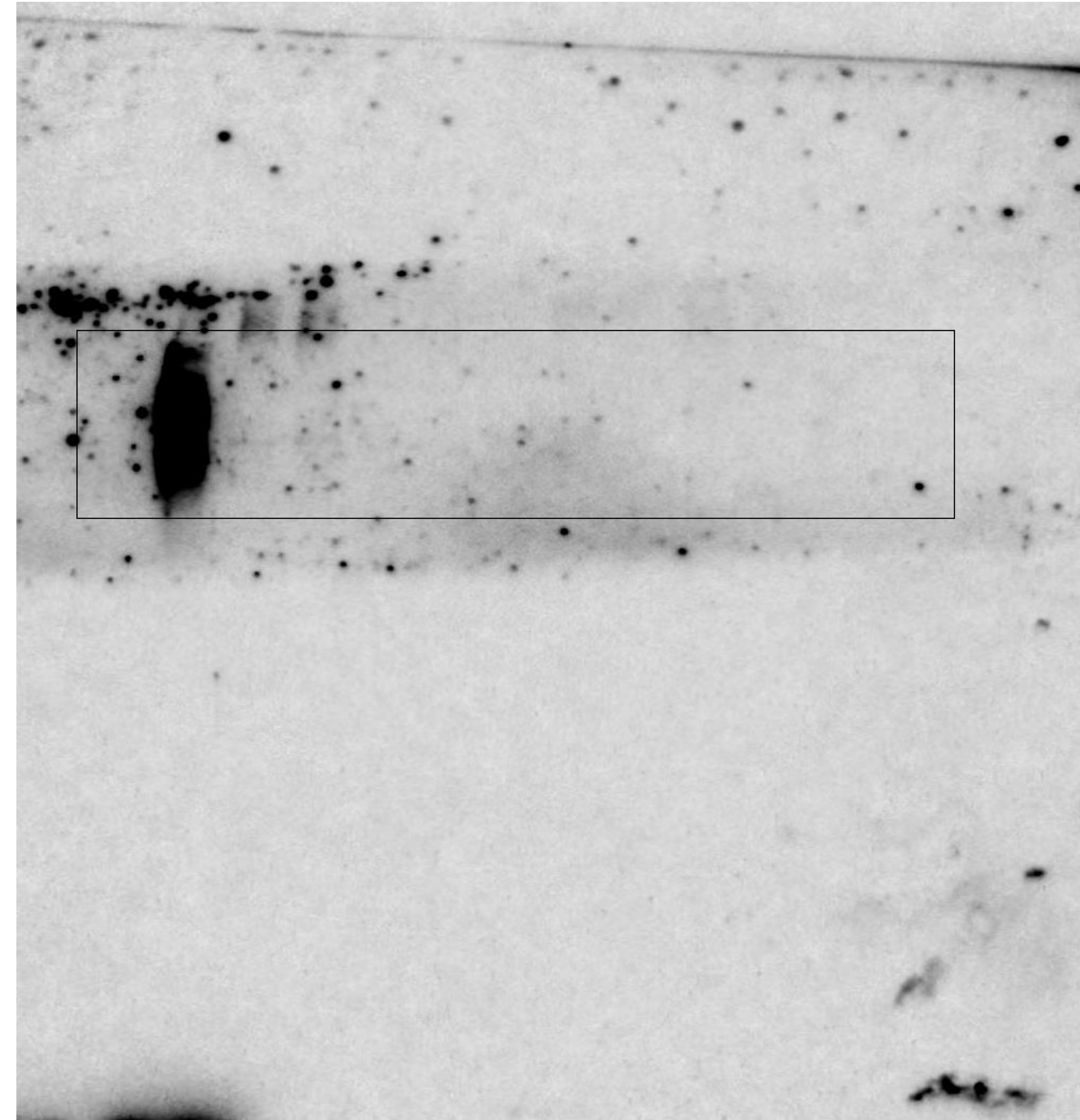
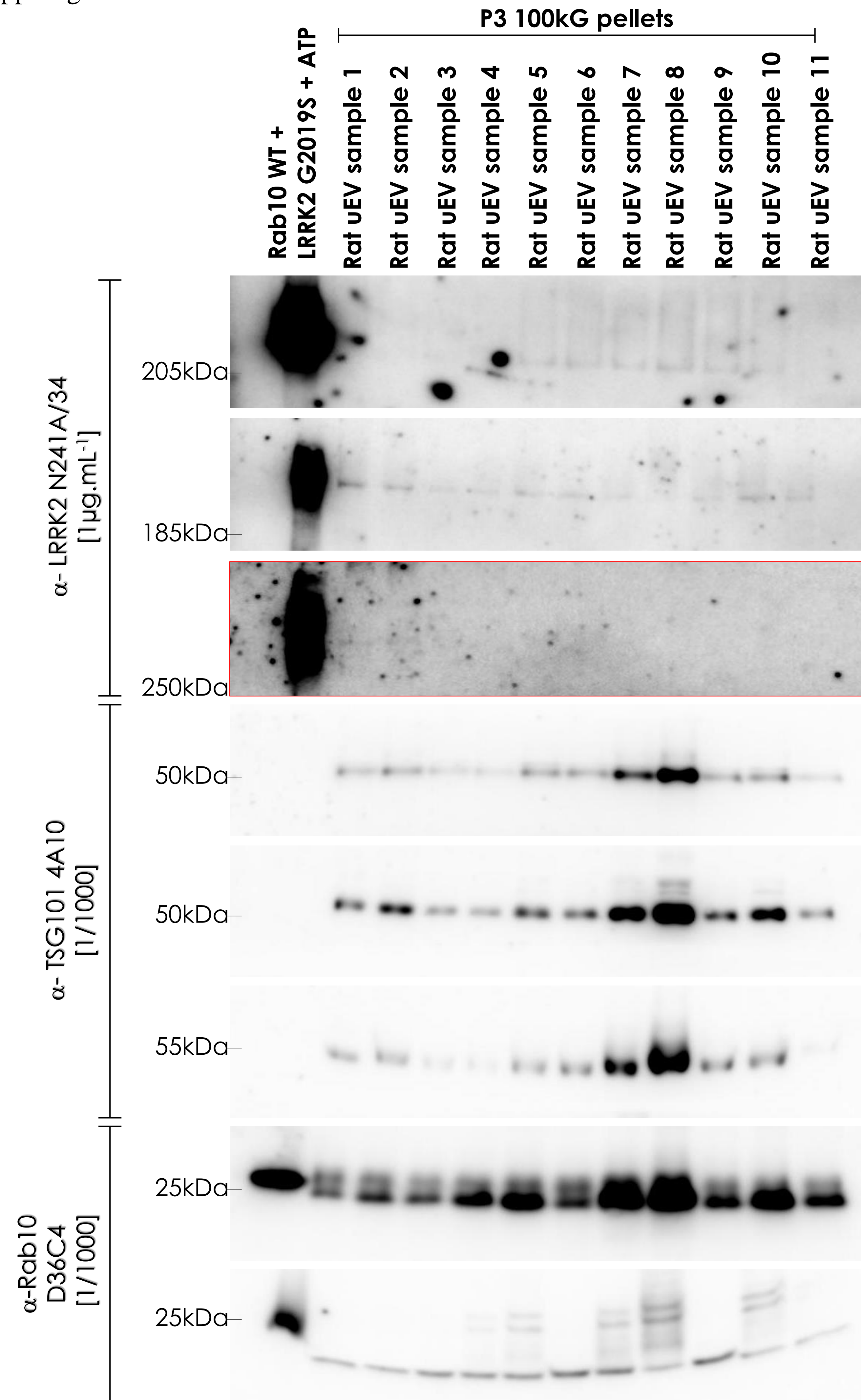
Suppl Figure 13a



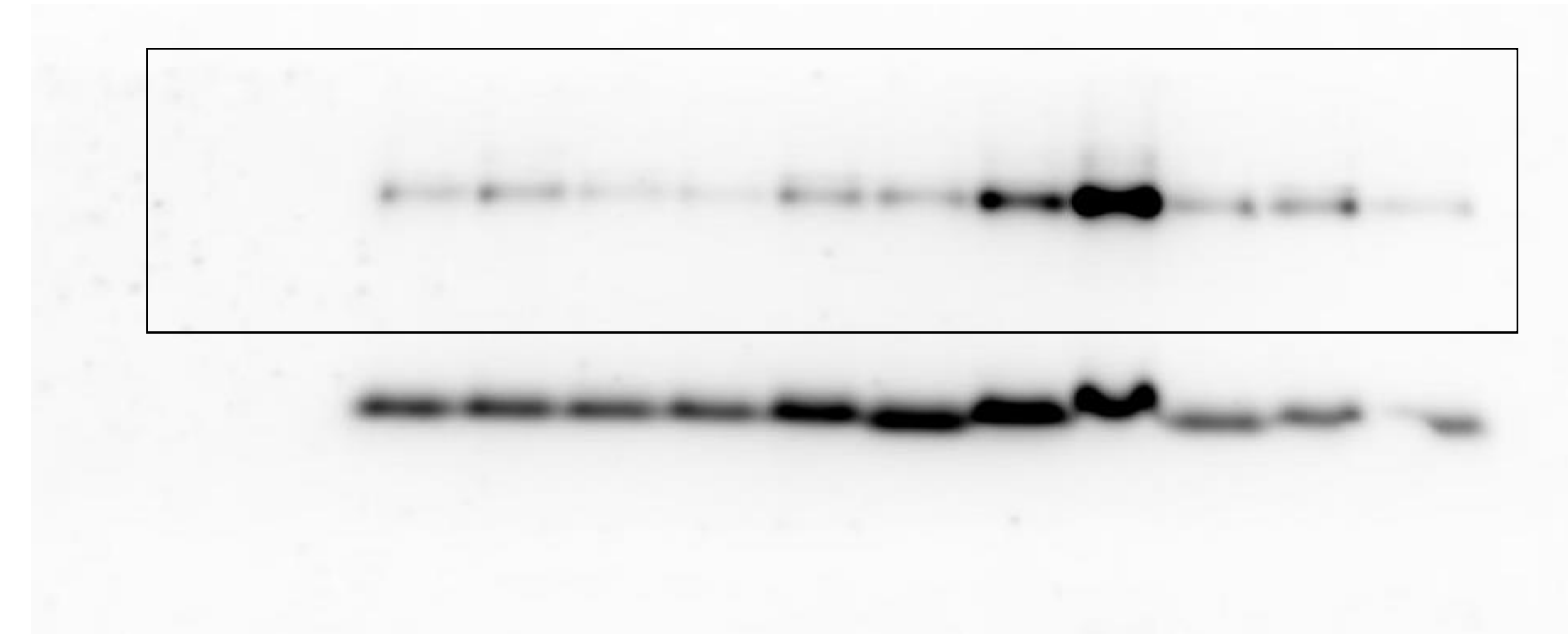
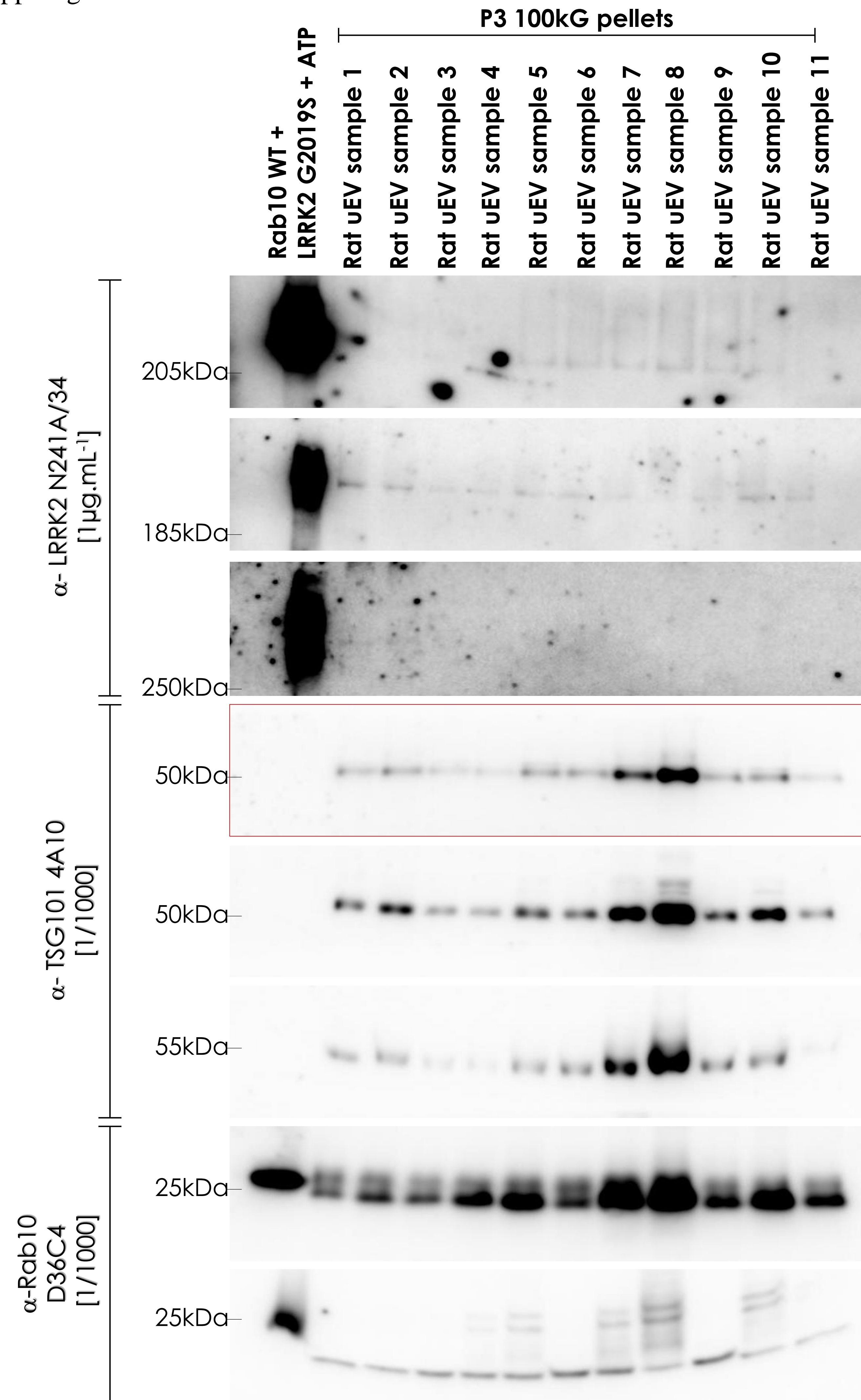
Suppl Figure 13a



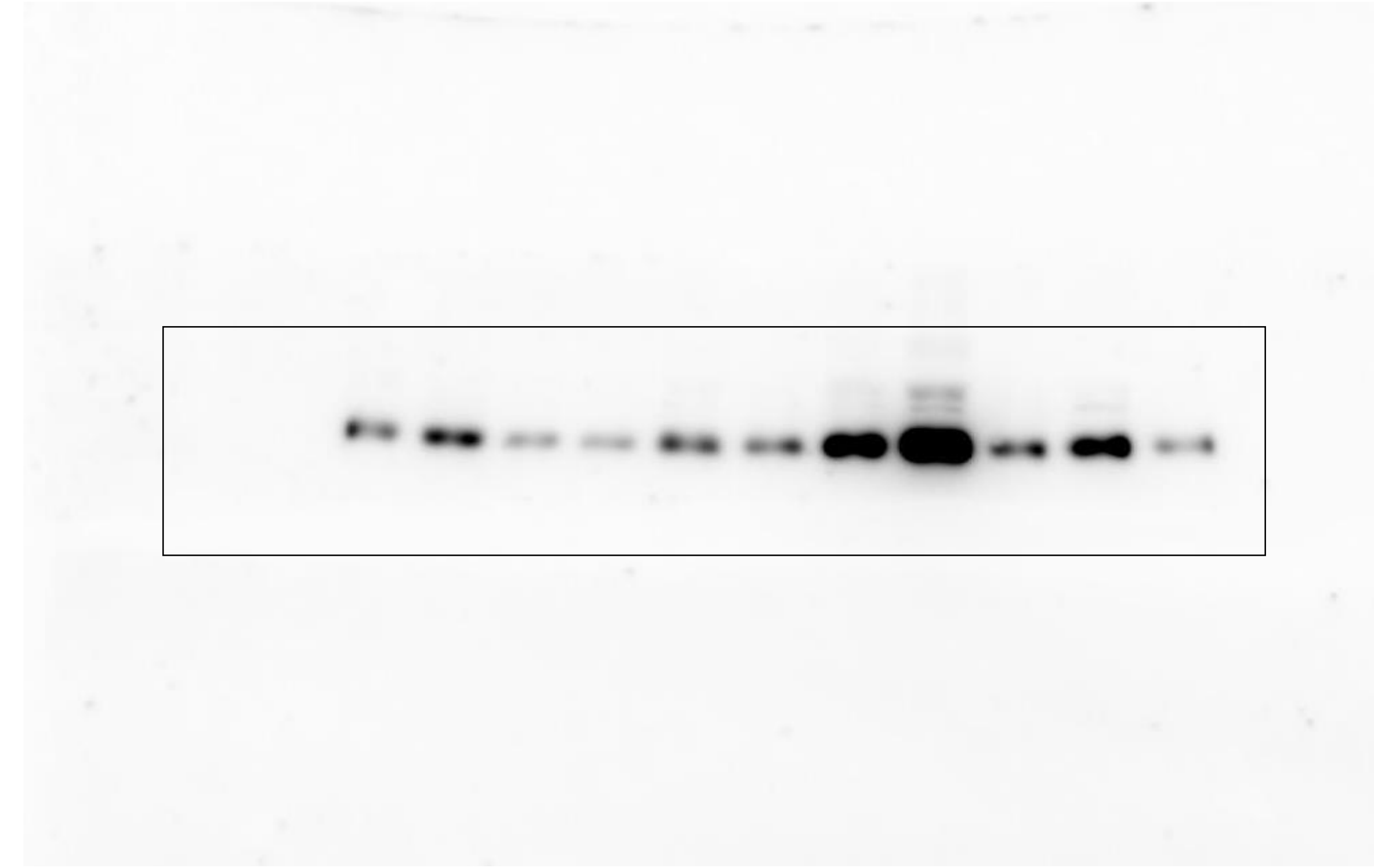
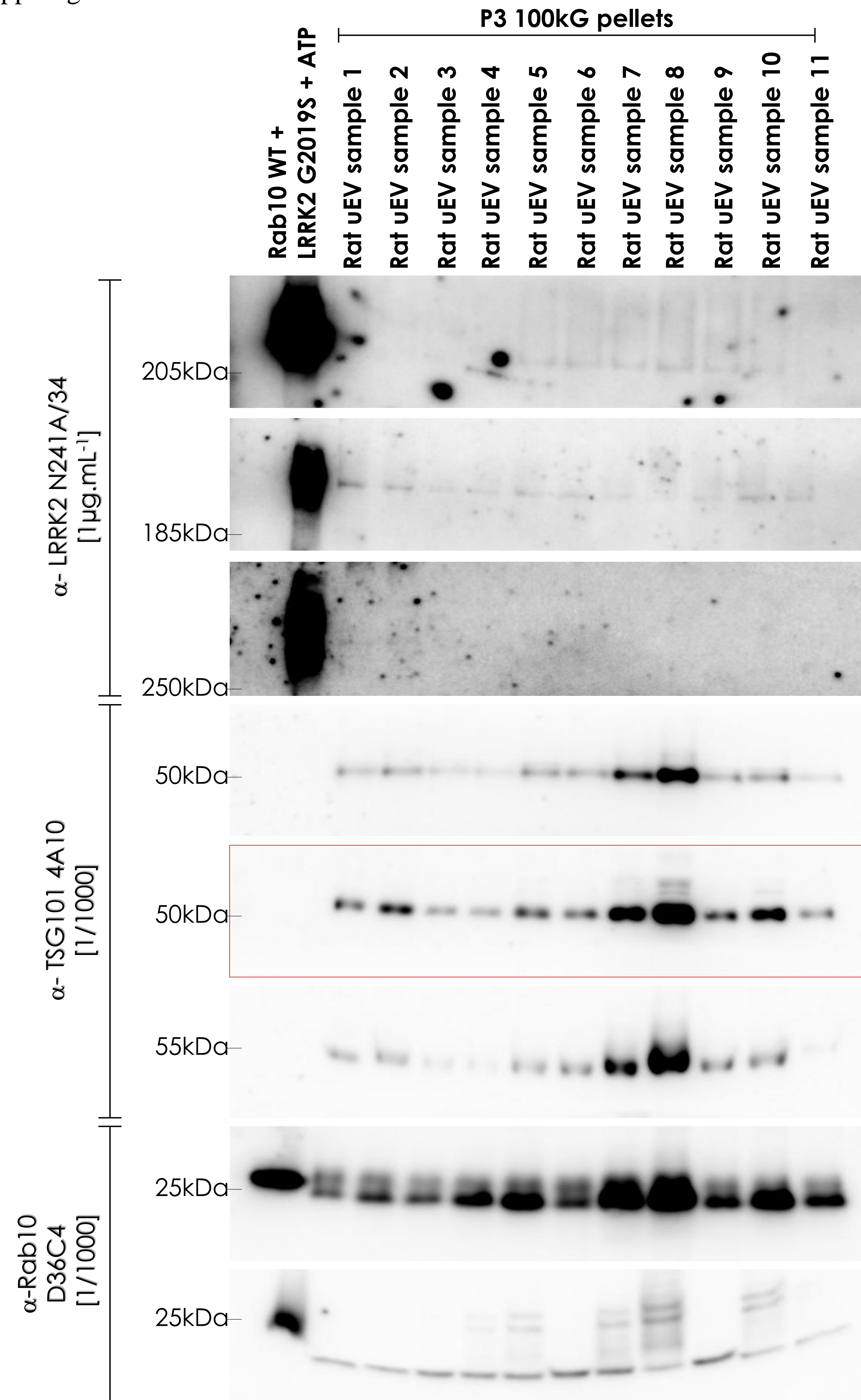
Suppl Figure 13a



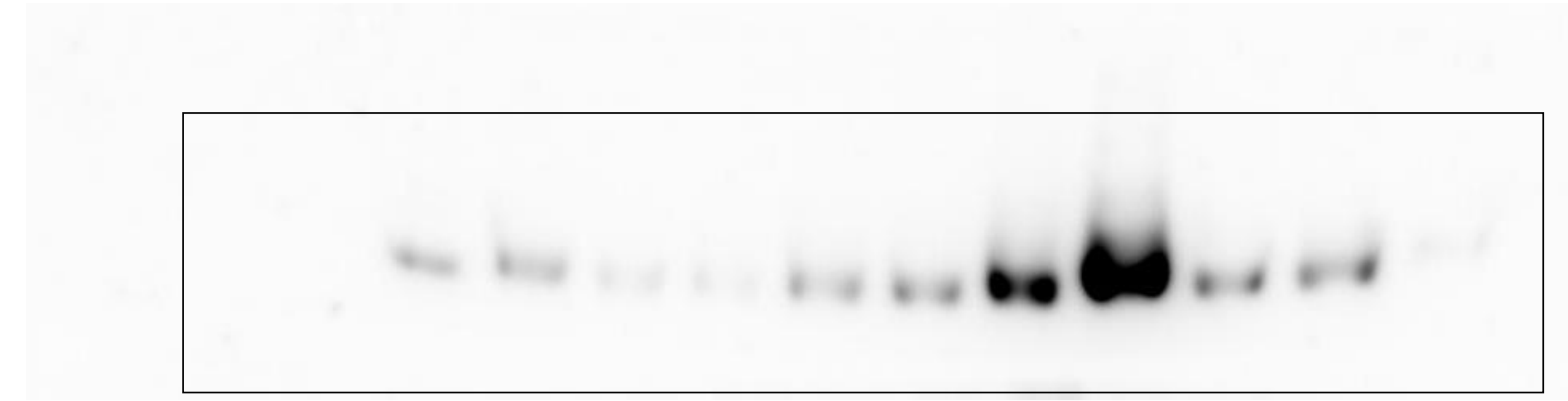
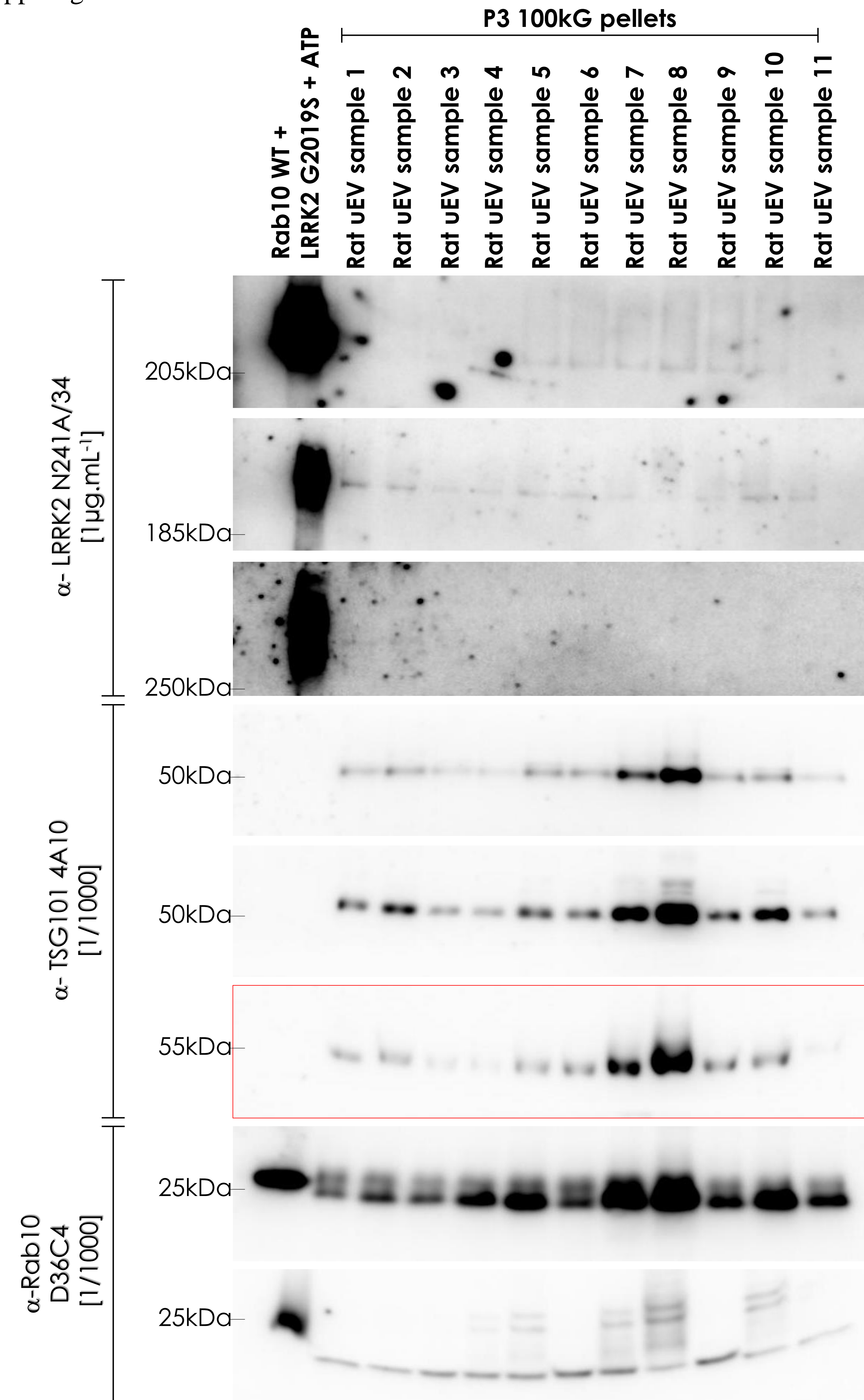
Suppl Figure 13a



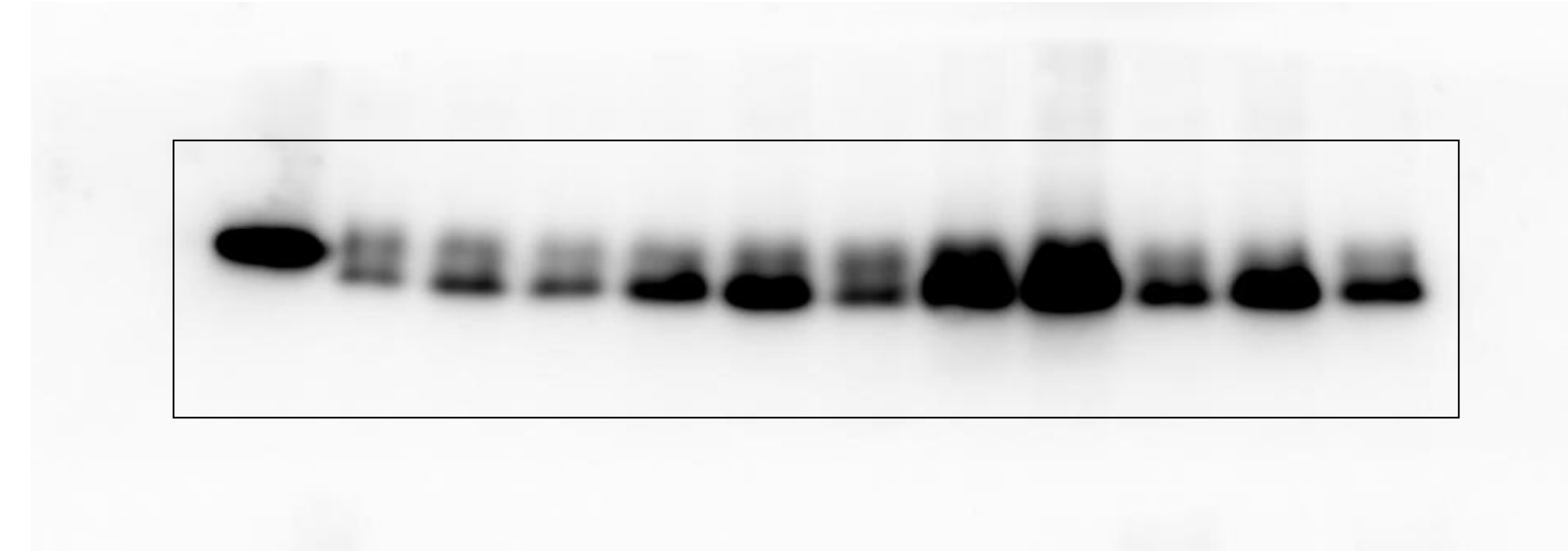
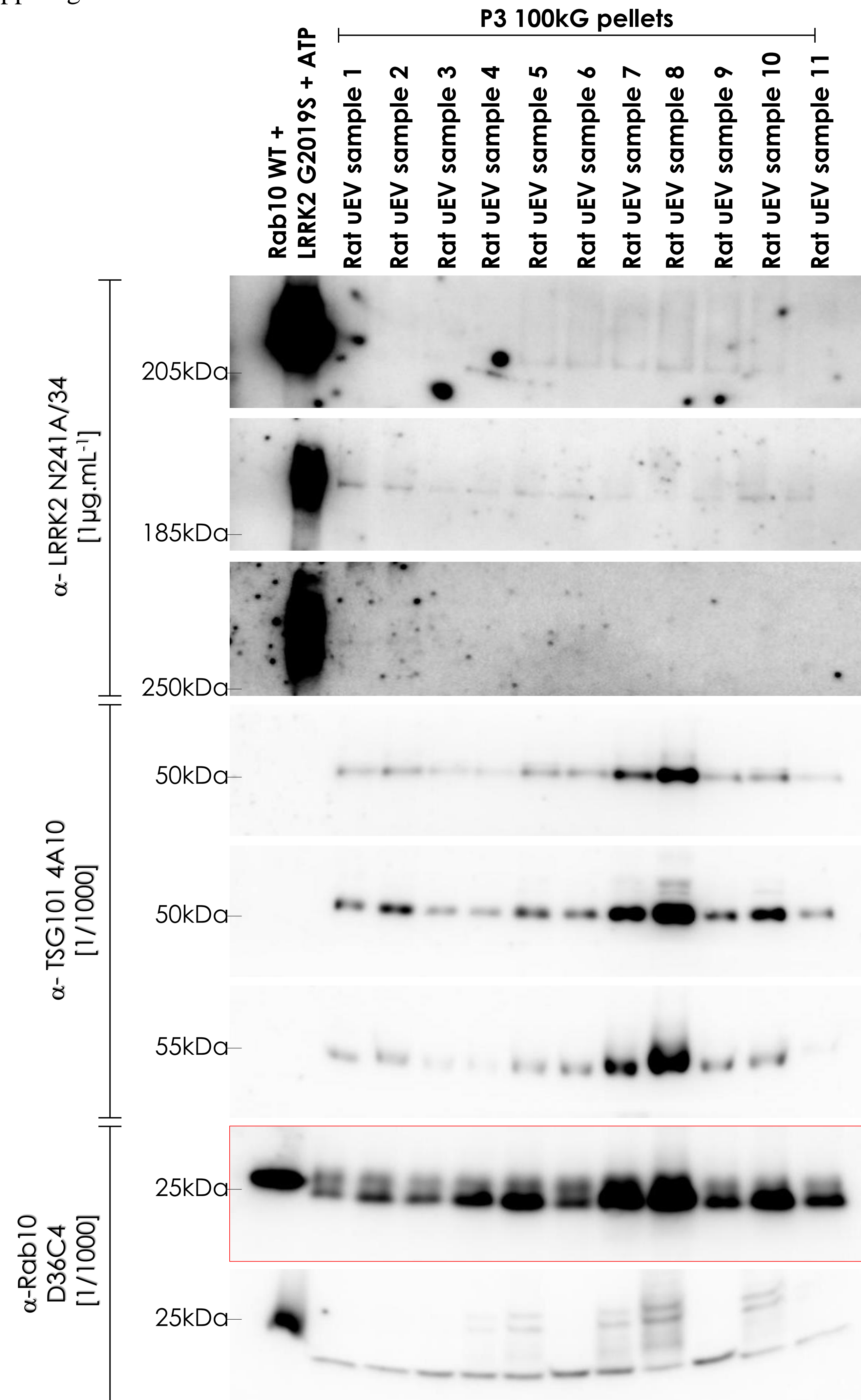
Suppl Figure 13a



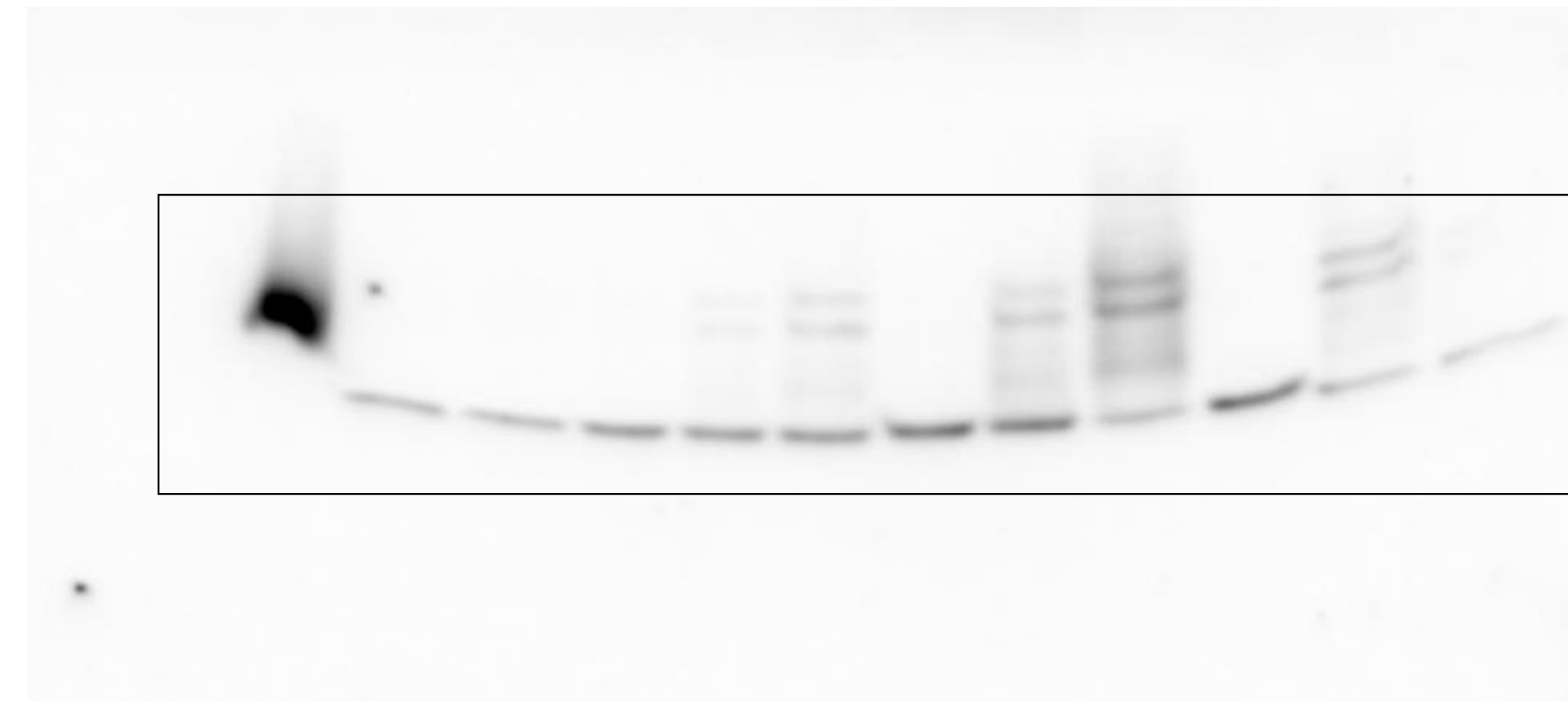
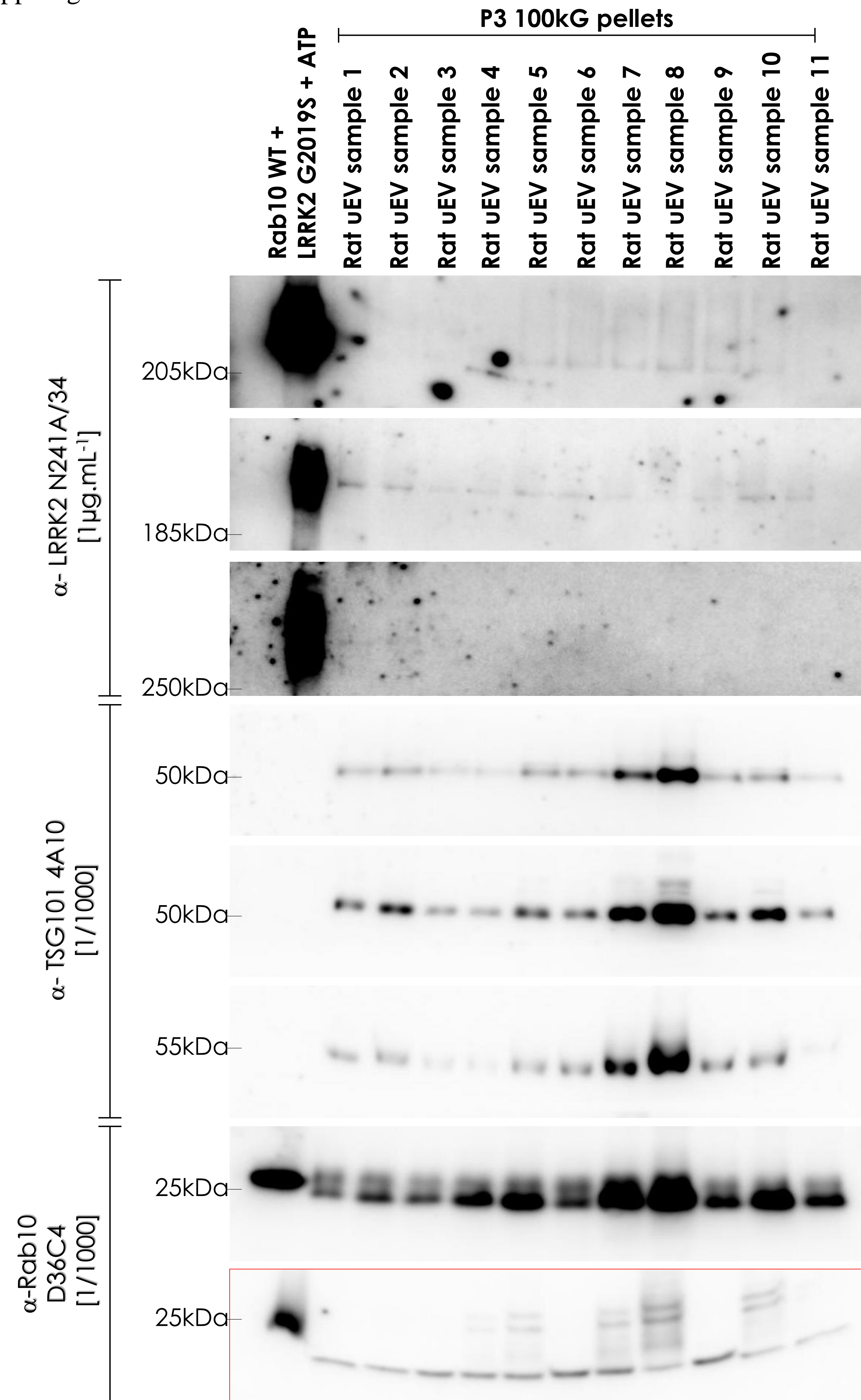
Suppl Figure 13a



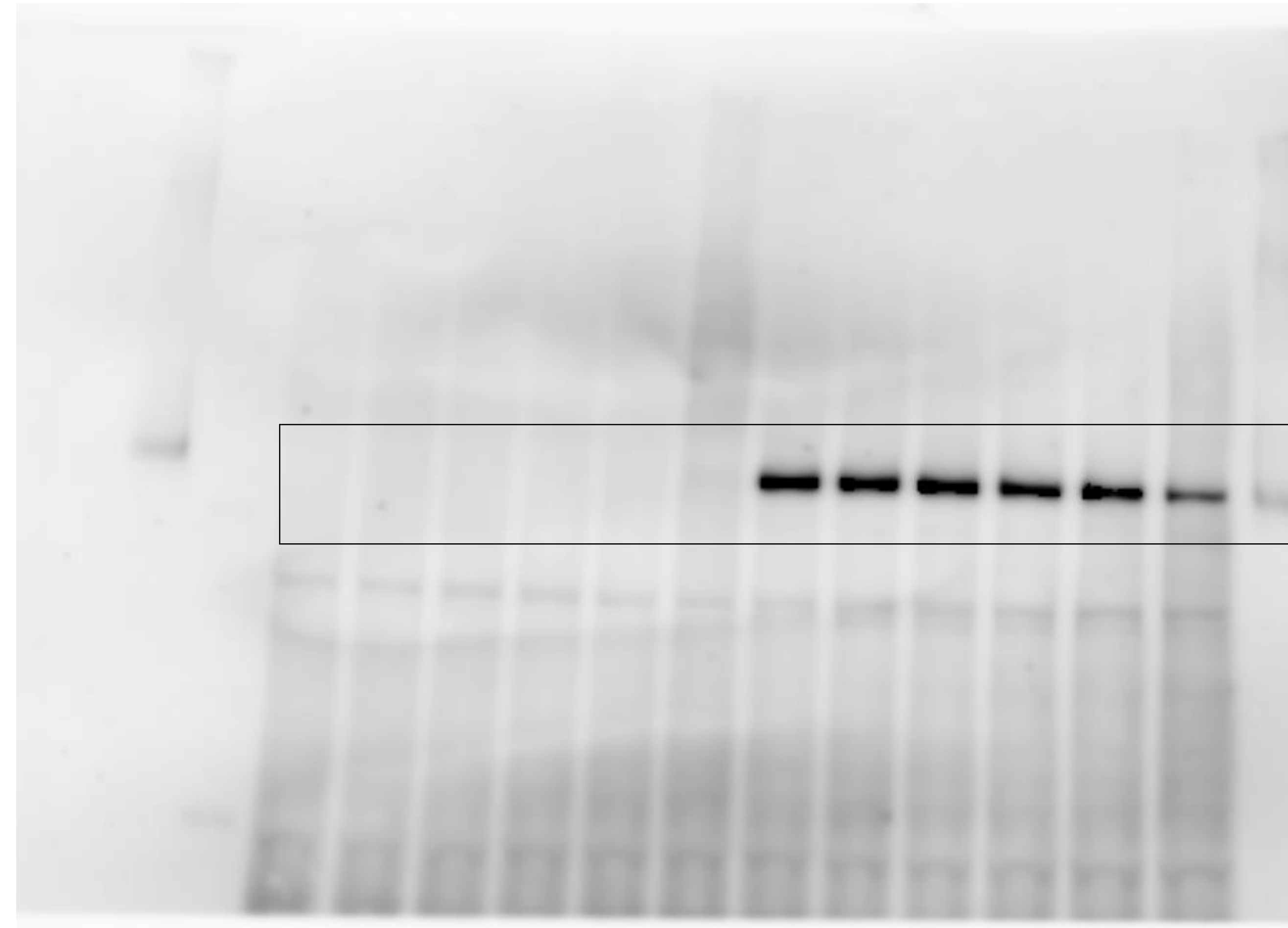
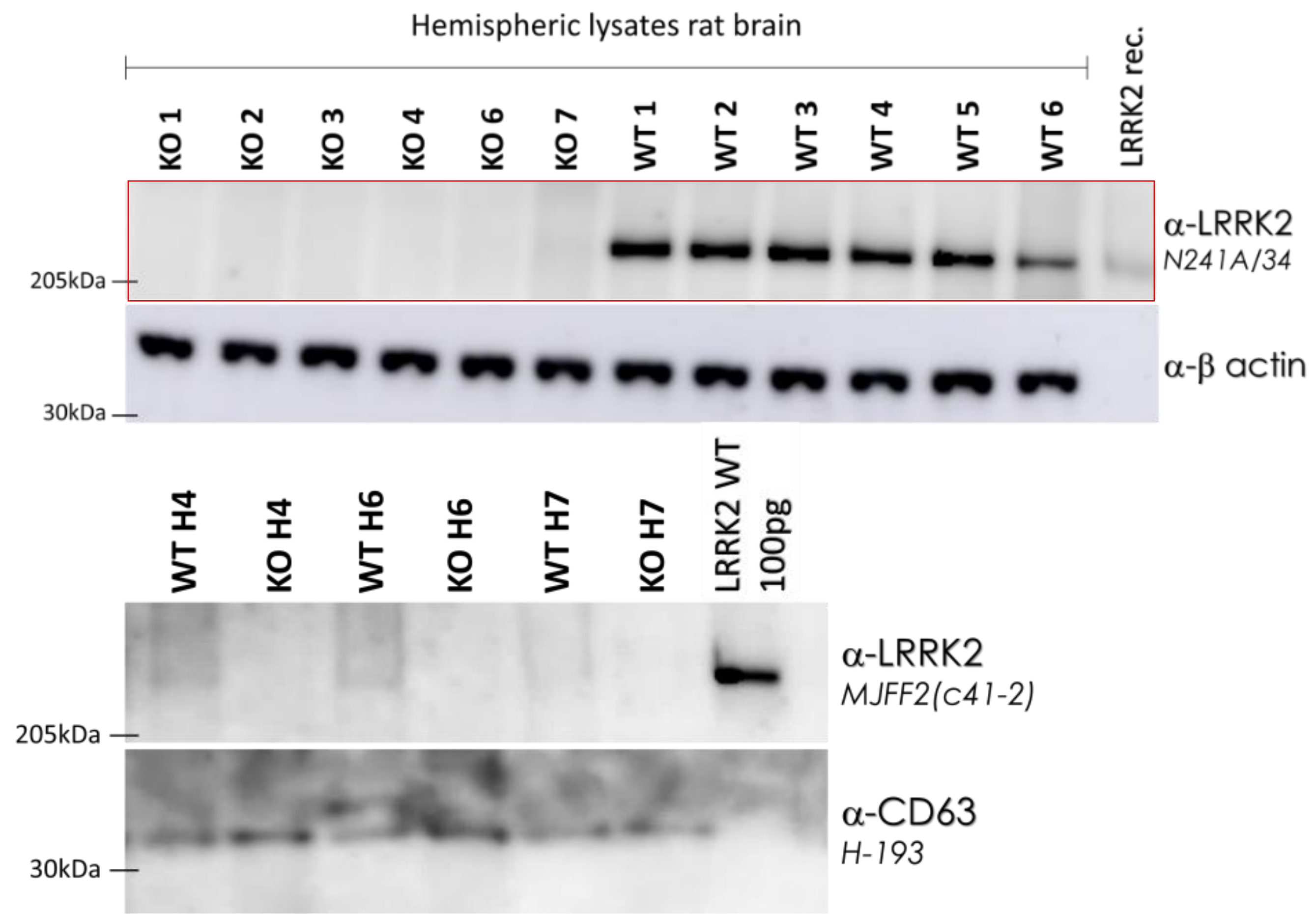
Suppl Figure 13a



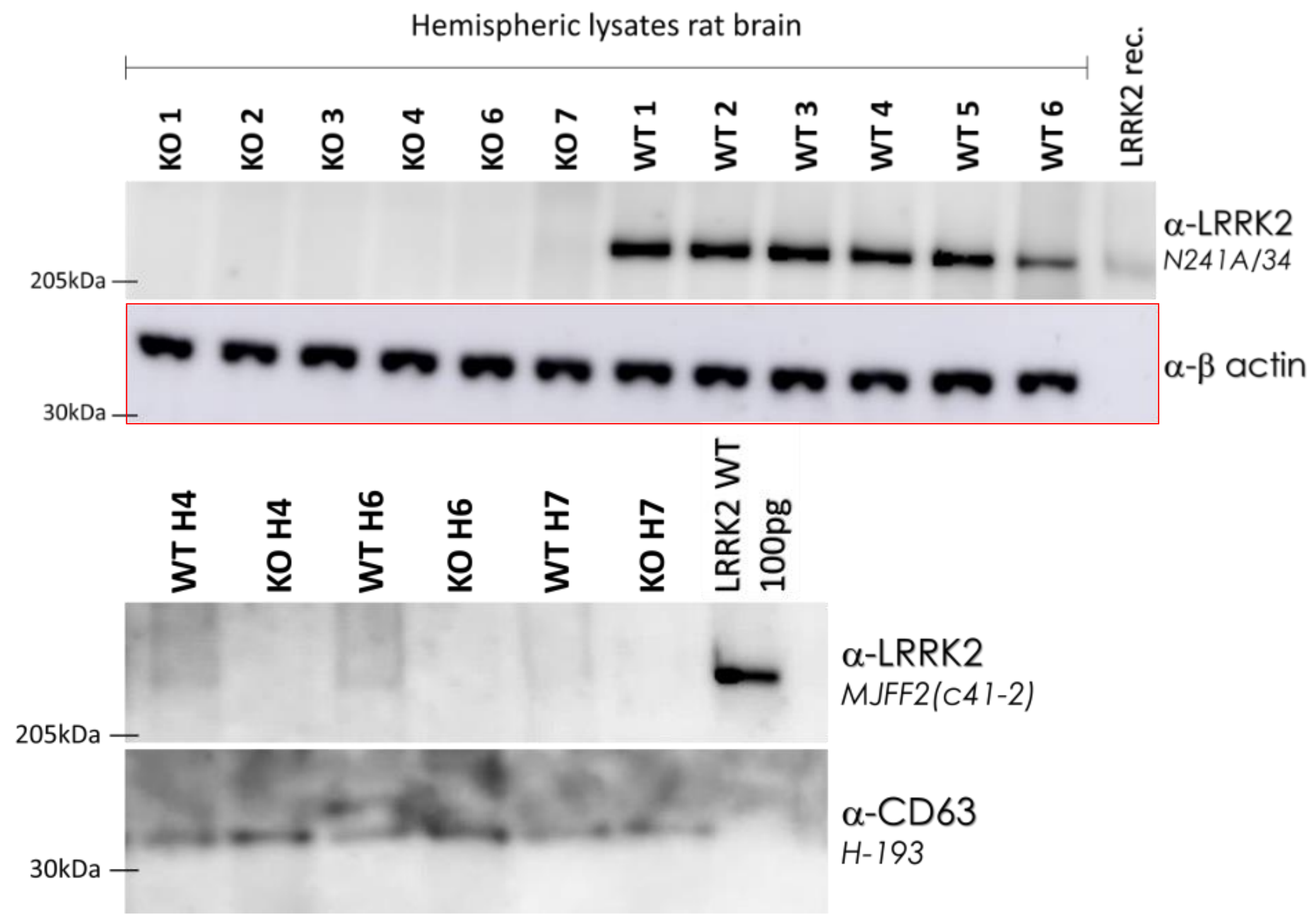
Suppl Figure 13a



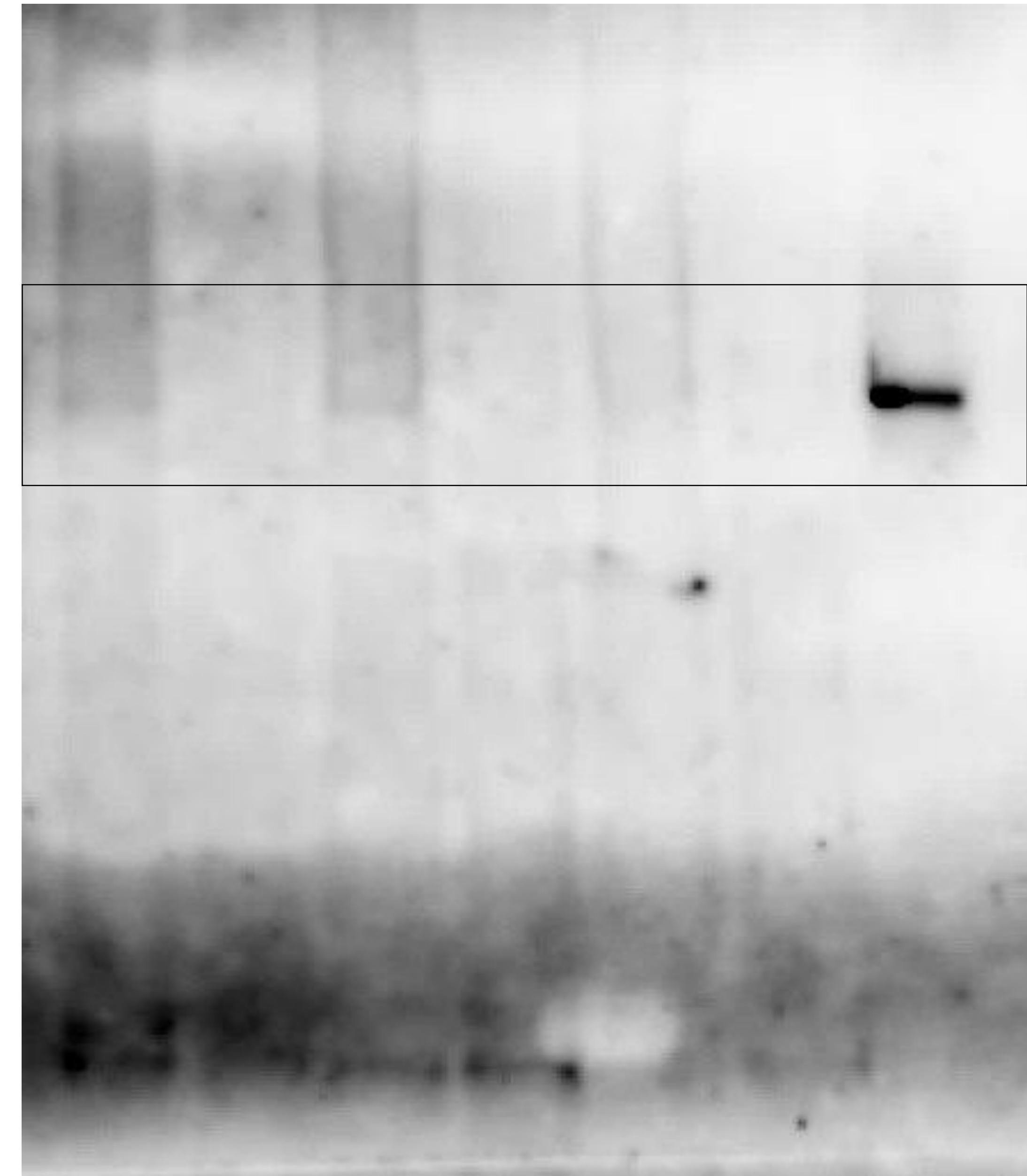
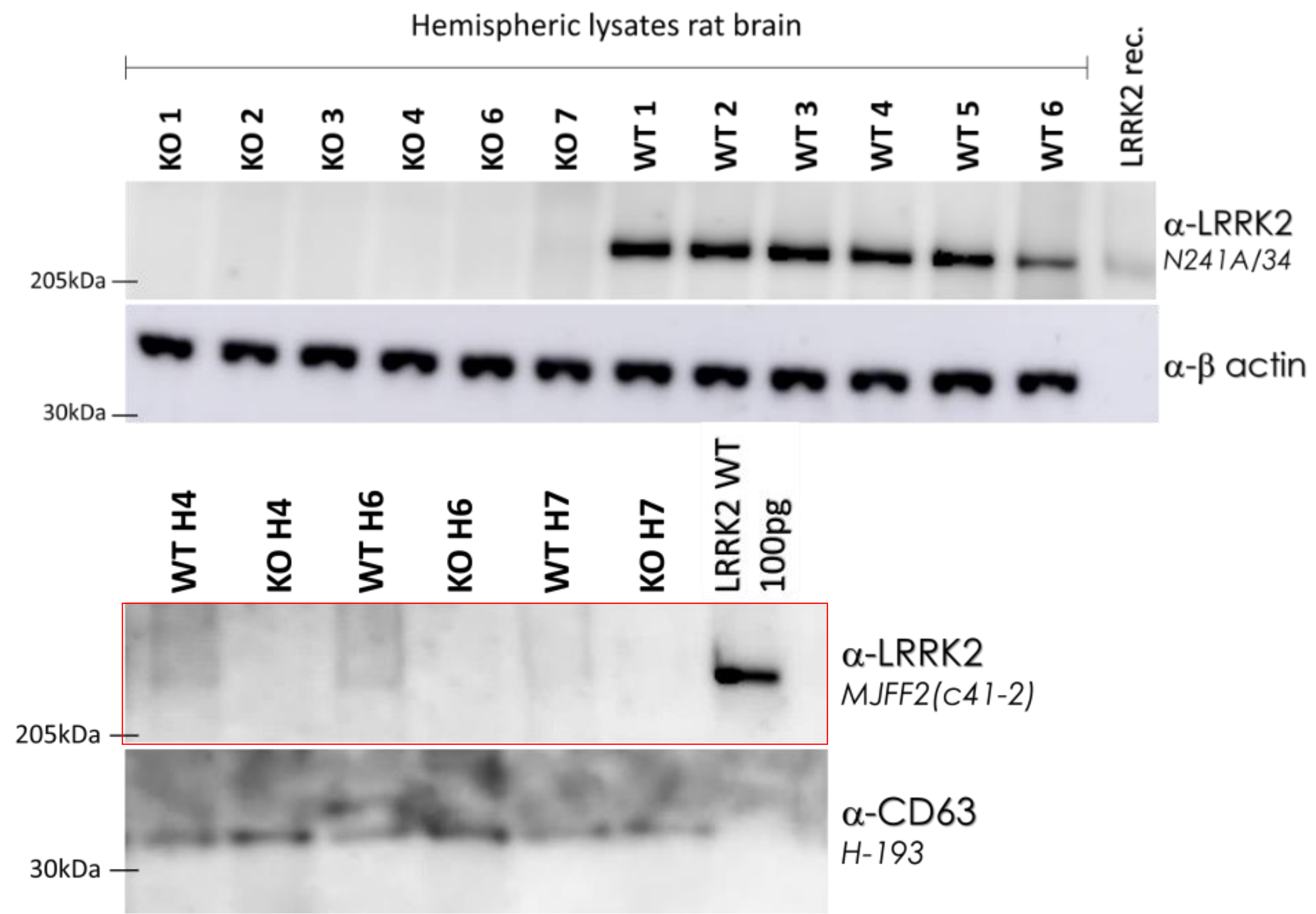
Suppl Figure 13b



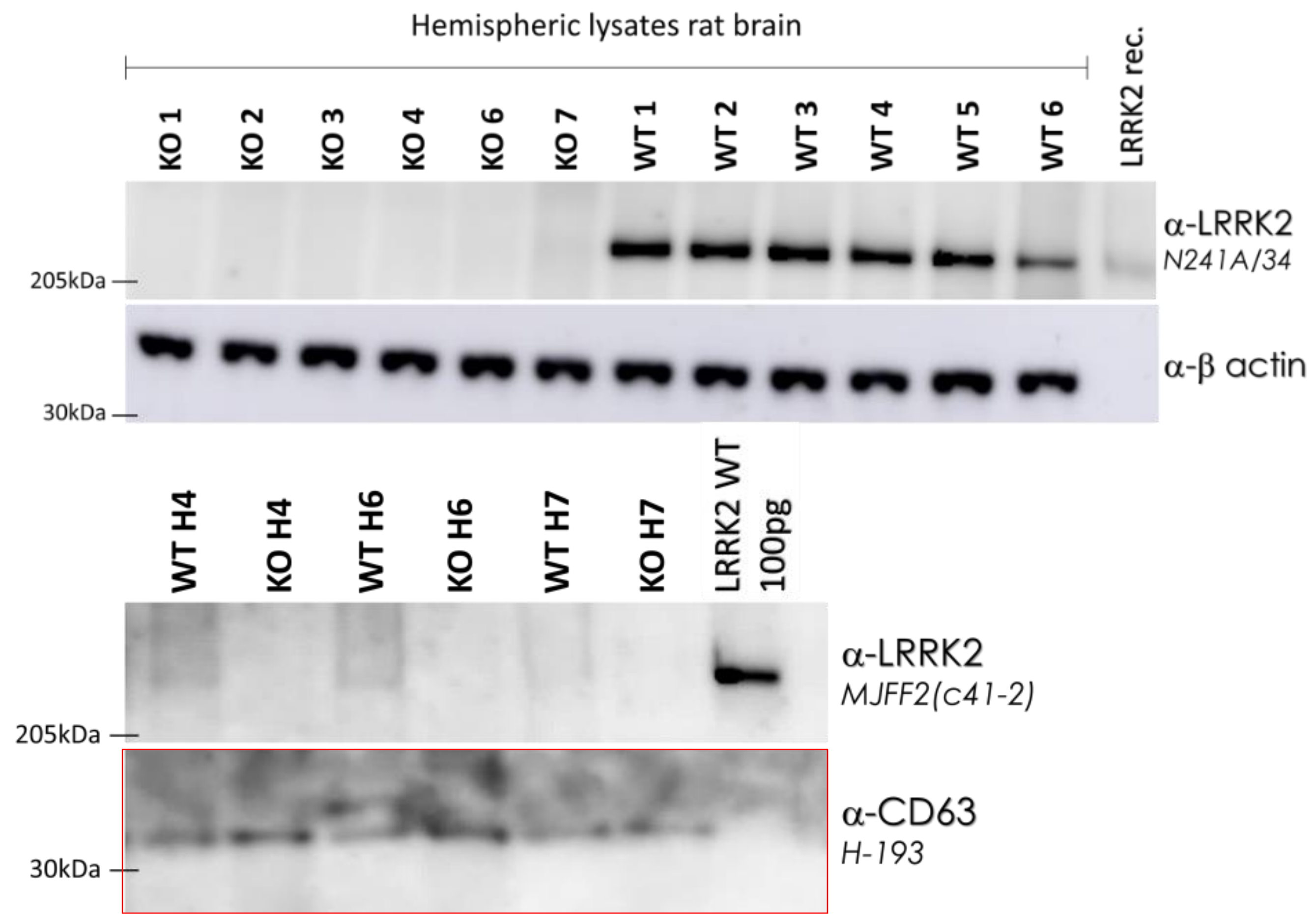
Suppl Figure 13b

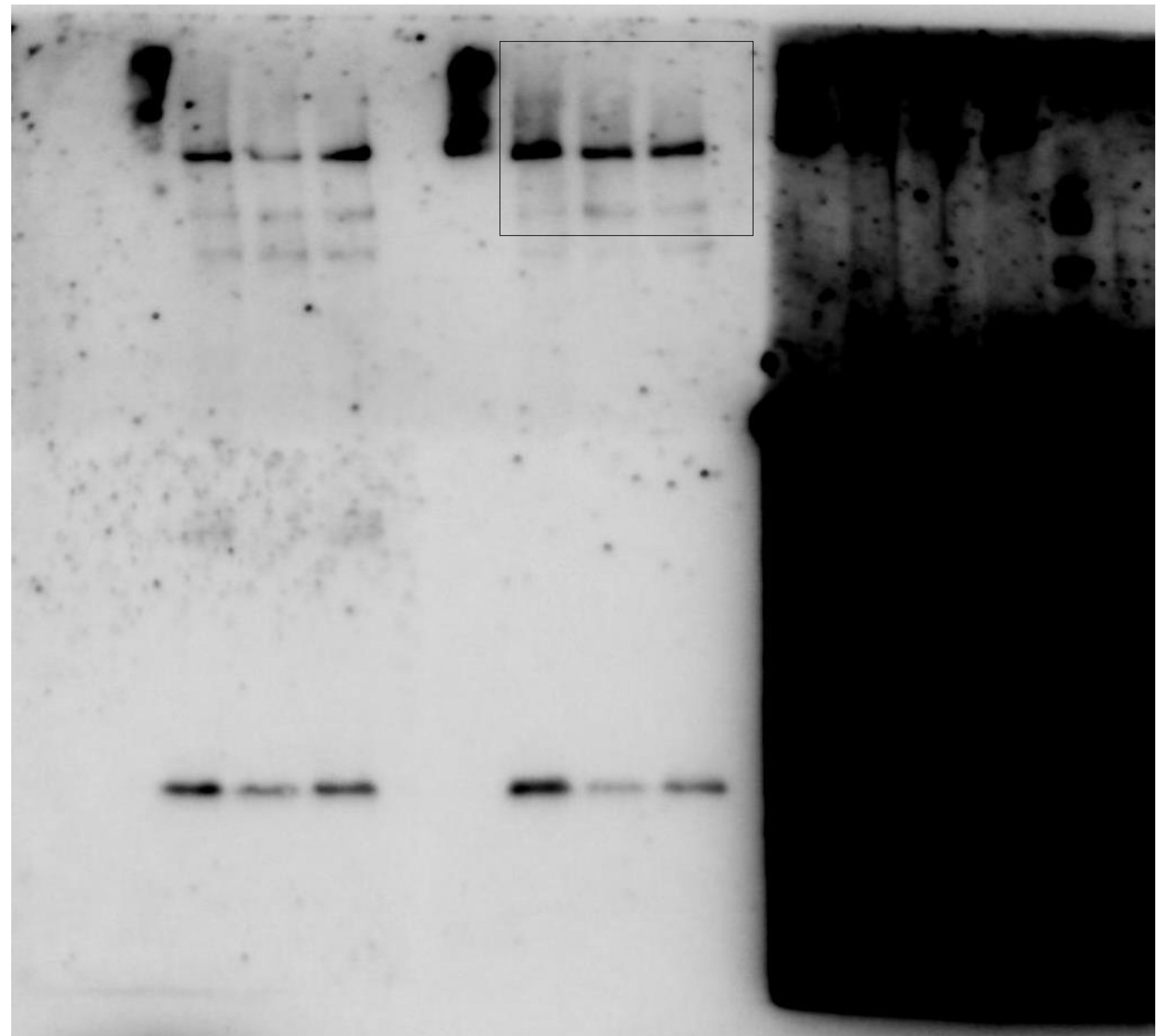
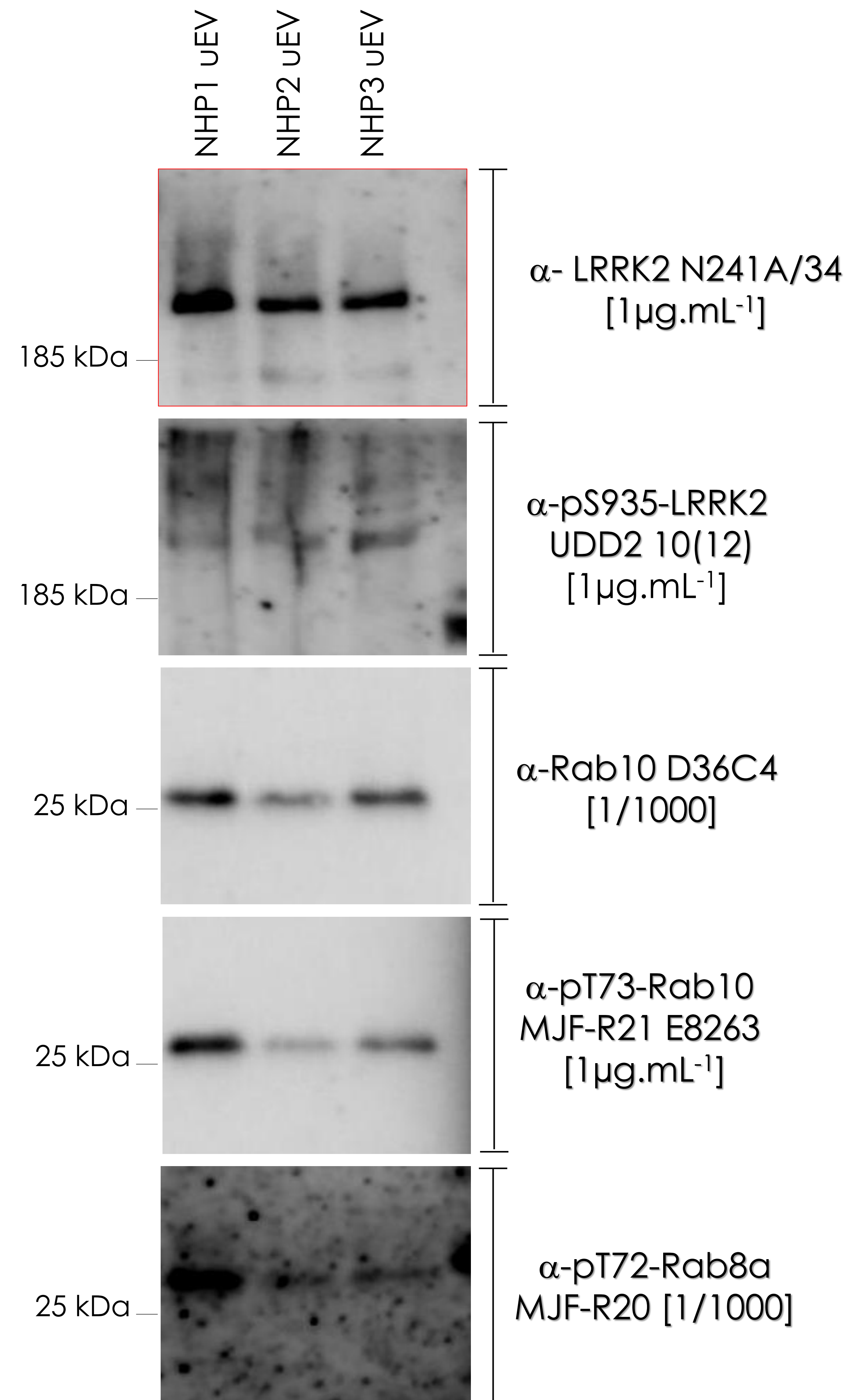


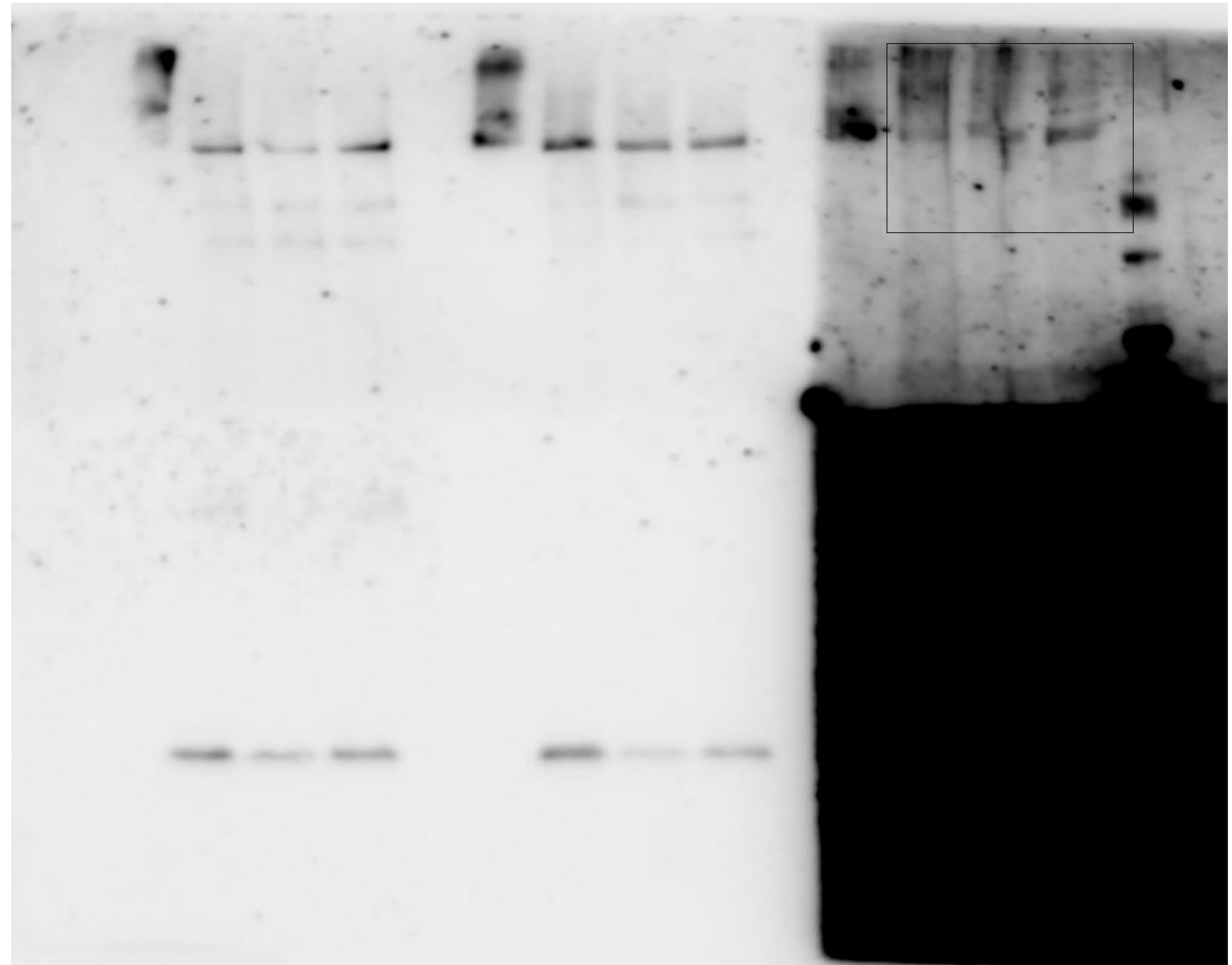
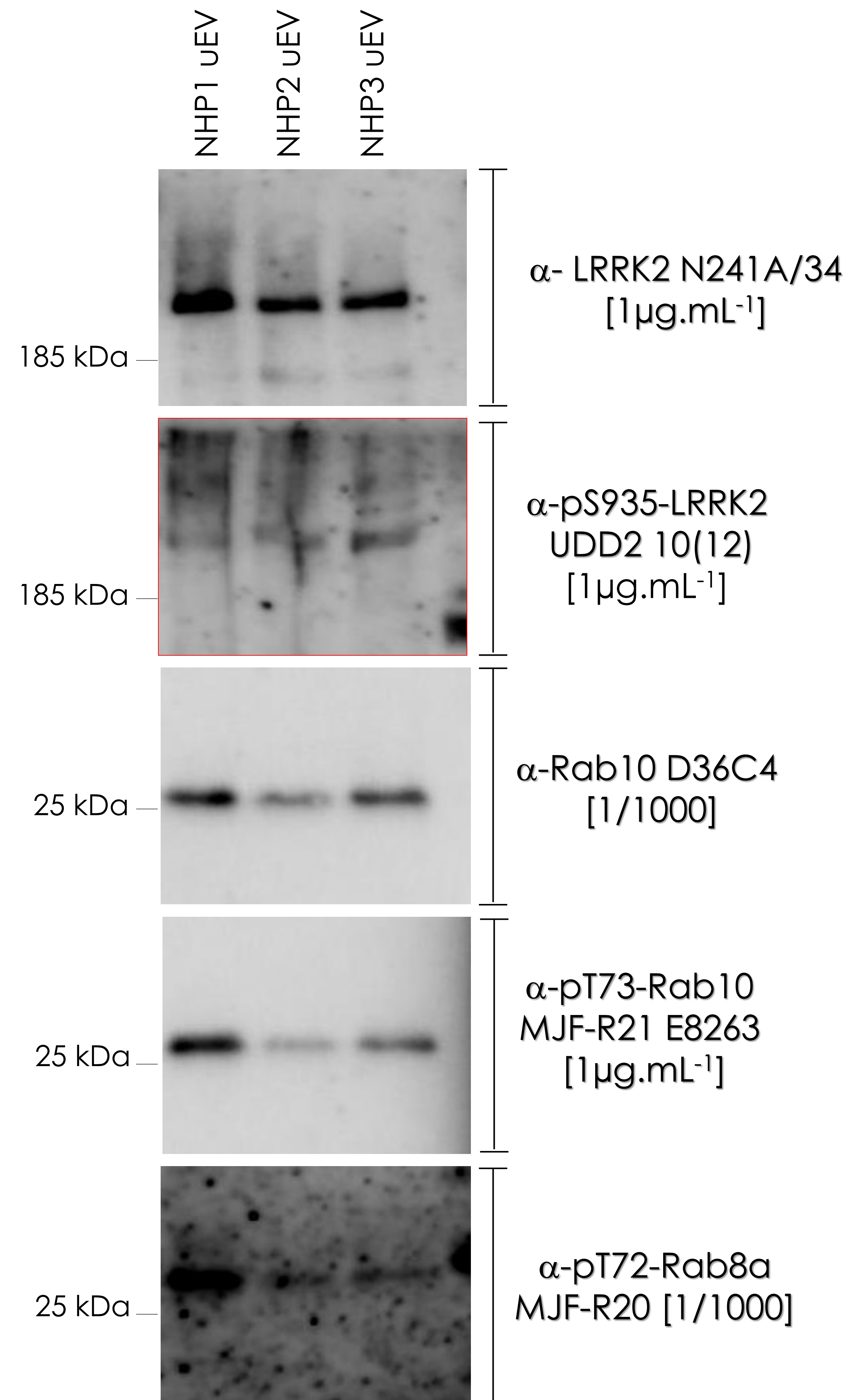
Suppl Figure 13b

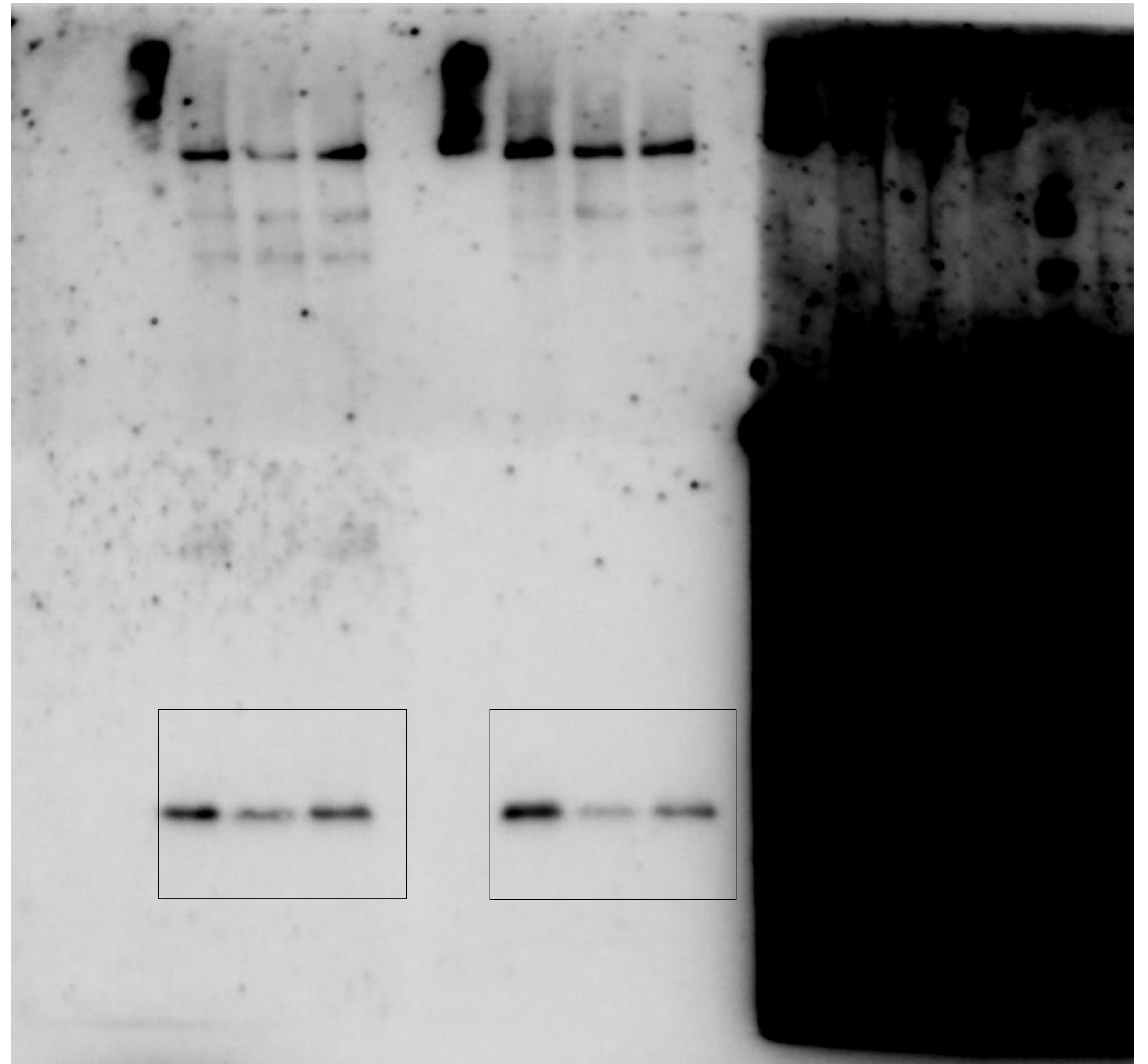
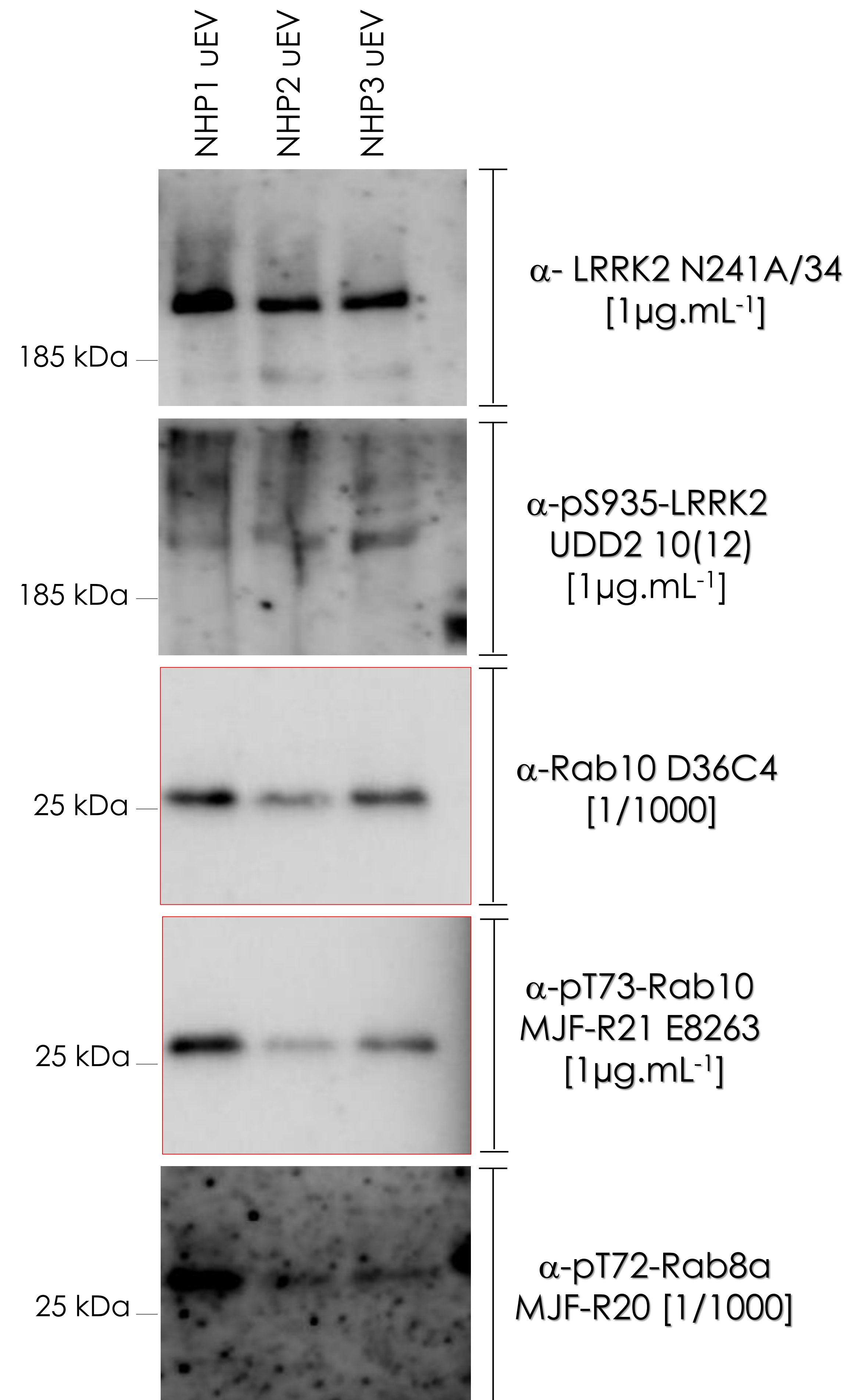


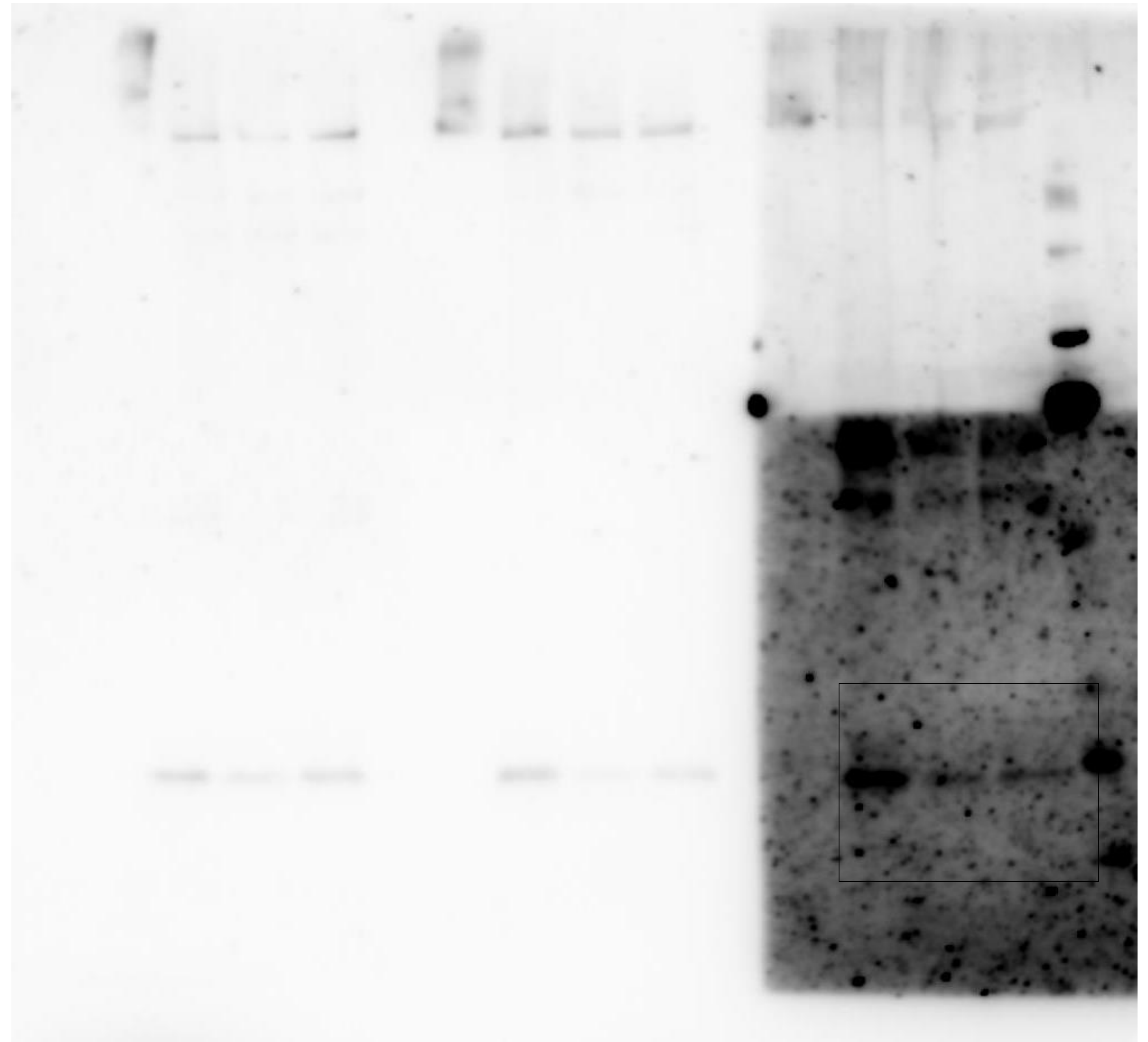
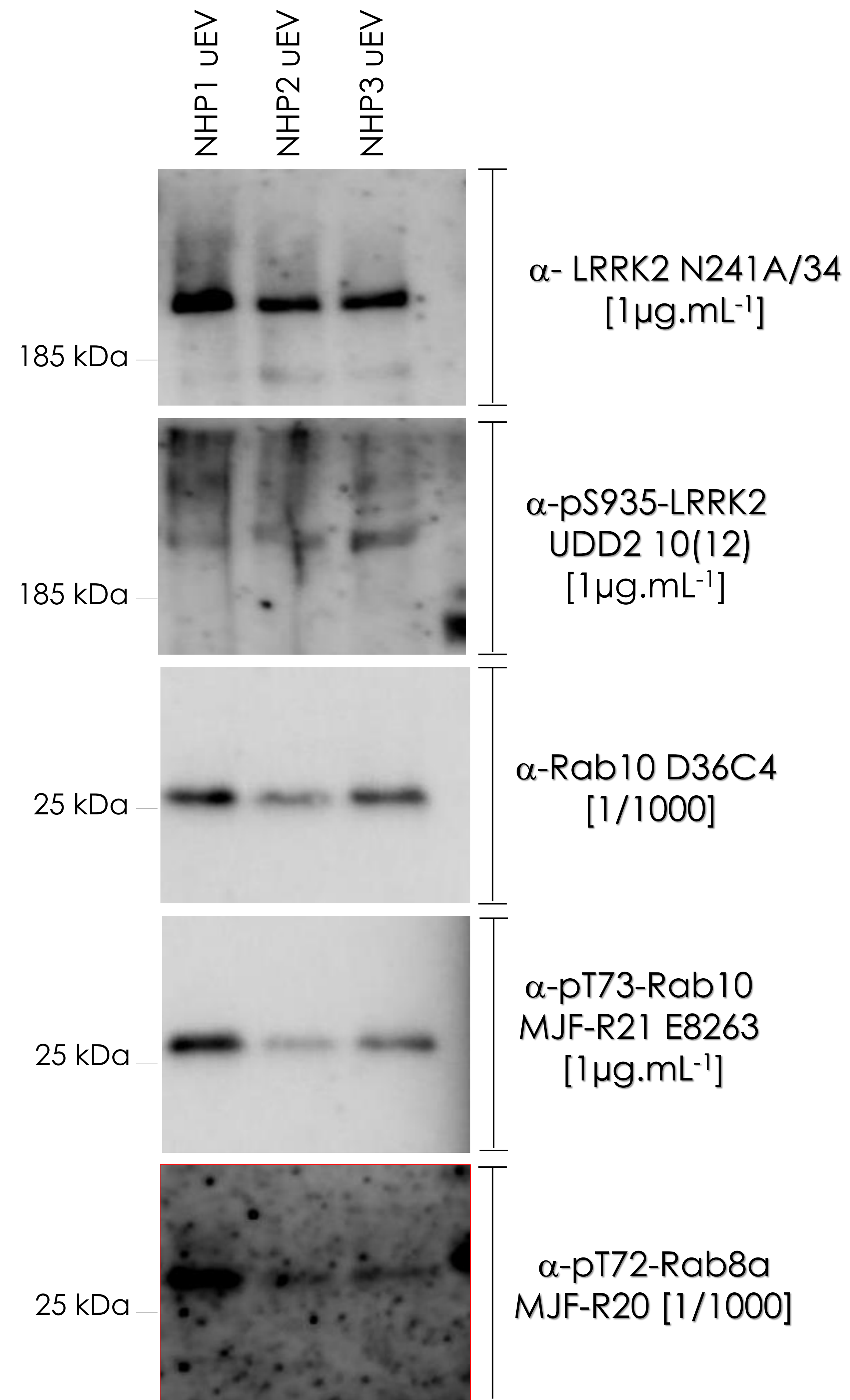
Suppl Figure 13b











Suppl Figure 14b

