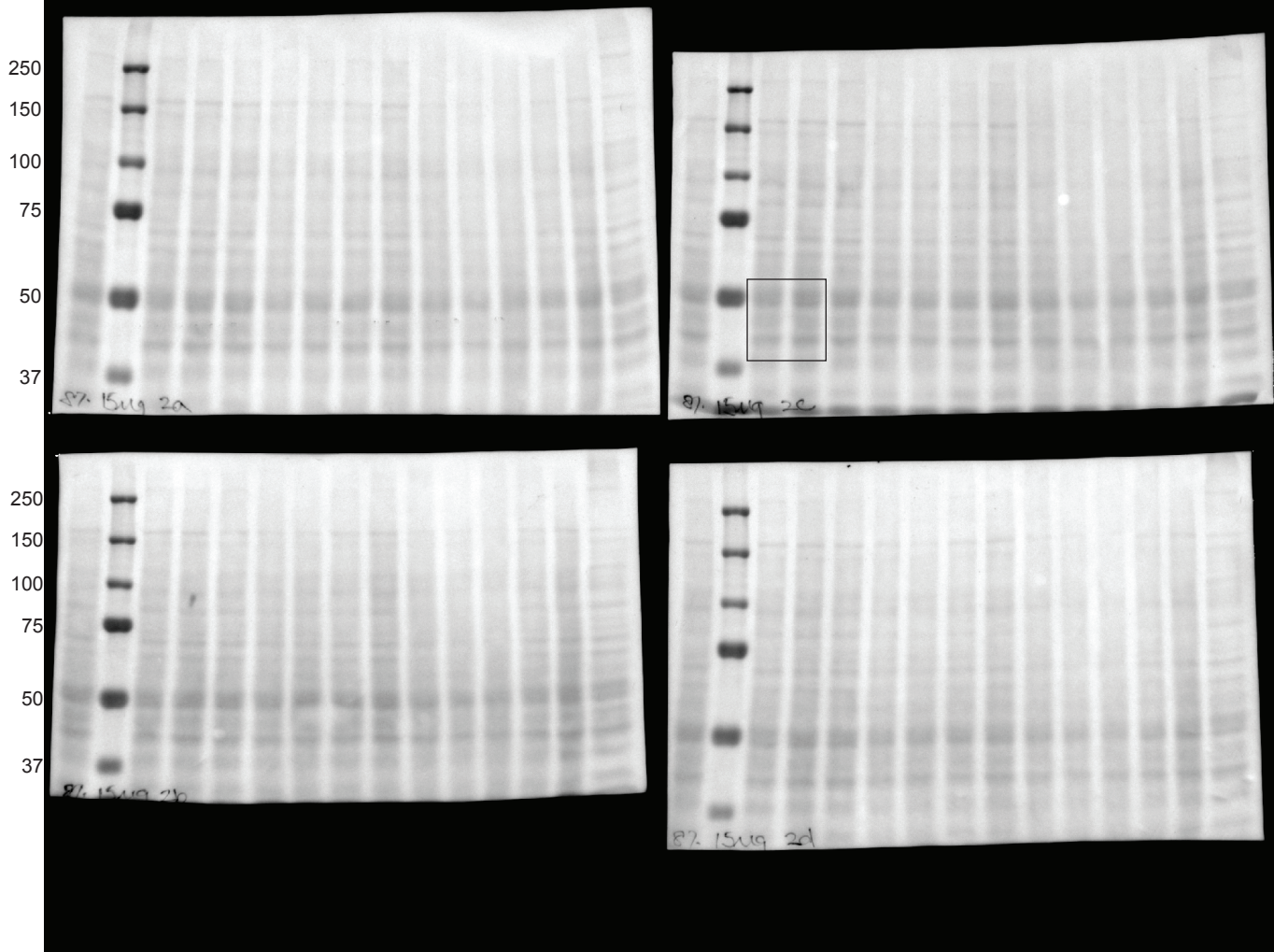


Ponceau

Figure 7-source data4. Original membranes corresponding to Figure 7, panel D.

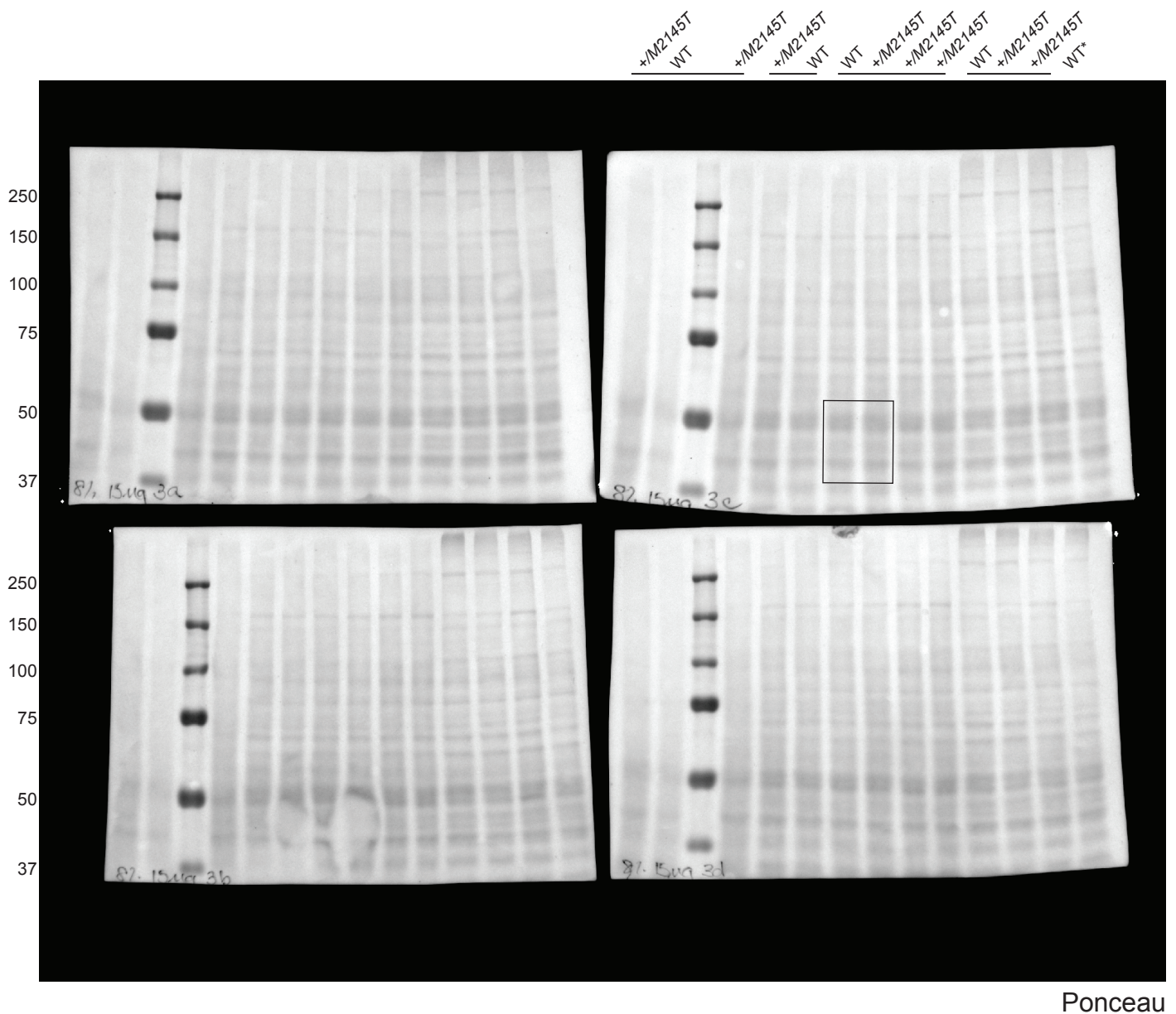
15 µg cortical crude synaptosome preps from P39-P42 mice were separated by gel electrophoresis and stained by Ponceau S prior to immunoblotting. The same samples were run on four separate gels (1a, 1b, 1c, 1d) in the same loading order. WT* indicates internal loading control. Lines denote littermates. Box indicates cropped image used in final figure.

+/K1918X WT +/K1918X +/K1918X +/K1918X WT +/K1918X +/K1918X +/K1918X WT WT +/K1918X WT*



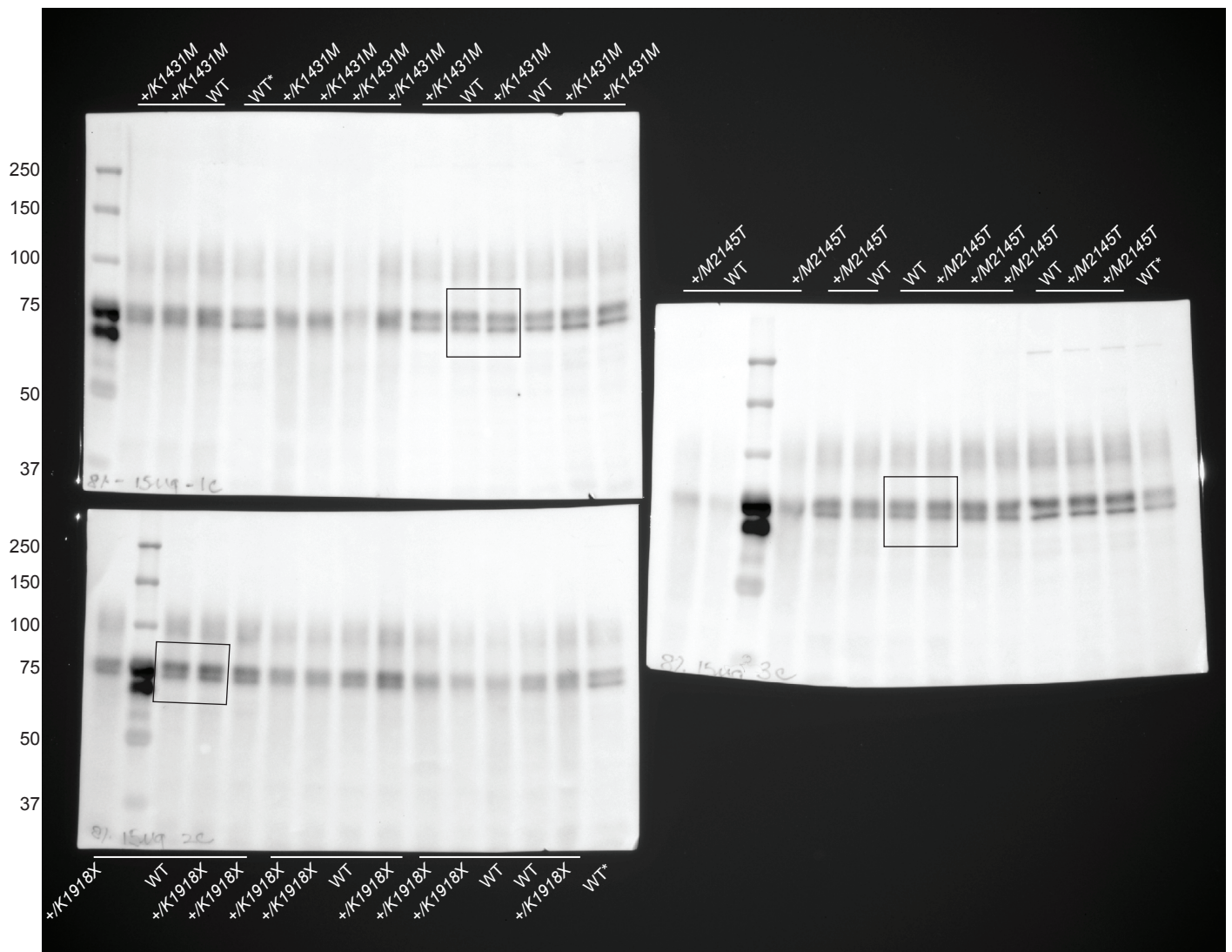
Ponceau

15 µg cortical crude synaptosome preps from P39-P42 mice were separated by gel electrophoresis and stained by Ponceau S prior to immunoblotting. The same samples were run on four separate gels (2a, 2b, 2c, 2d) in the same loading order. WT* indicates internal loading control. Lines denote littermates. Box indicates cropped image used in final figure.



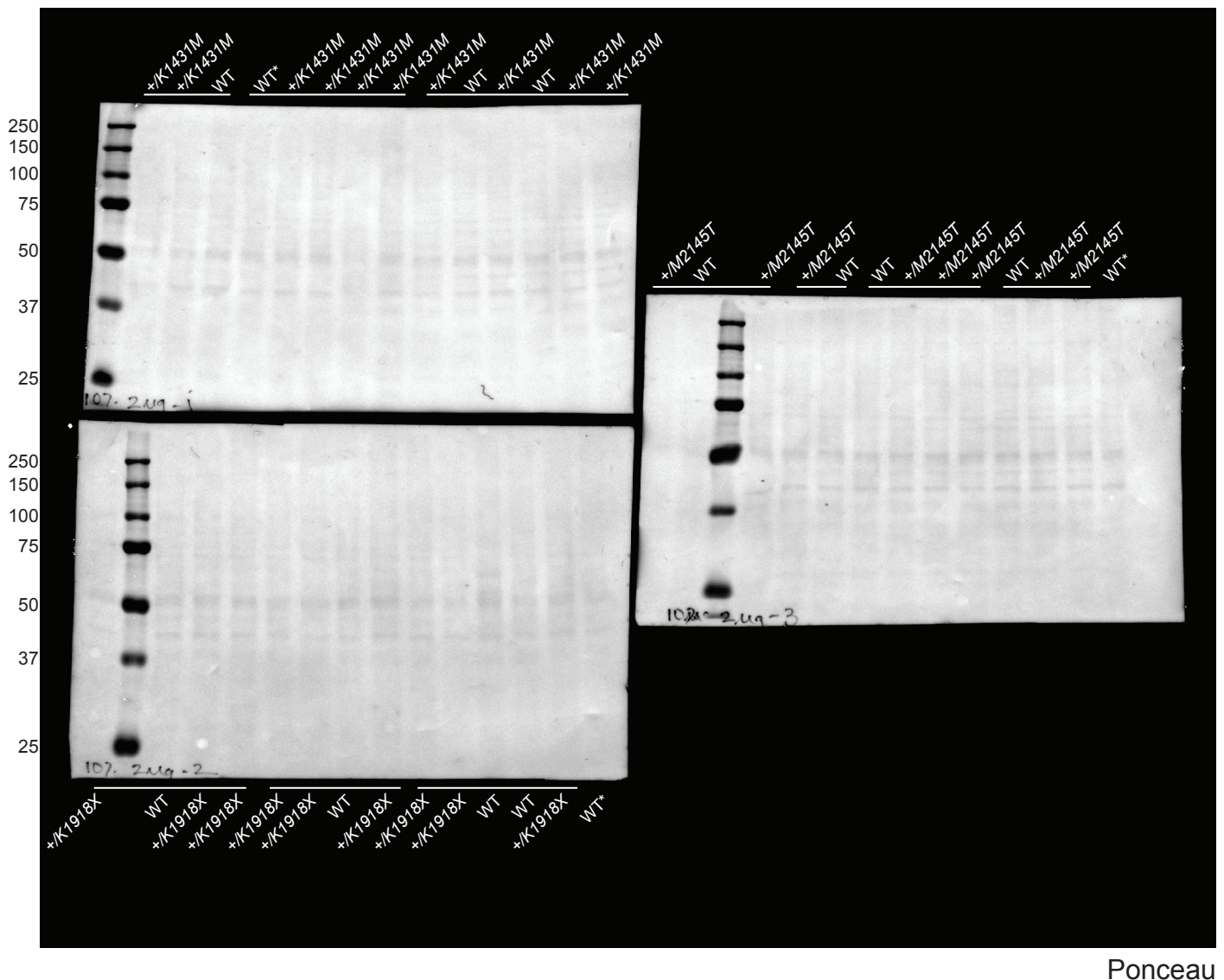
Ponceau

15 μ g cortical crude synaptosome preps from P39-P42 mice were separated by gel electrophoresis and stained by Ponceau S prior to immunoblotting. The same samples were run on four separate gels (3a, 3b, 3c, 3d) in the same loading order. WT* indicates internal loading control. Lines denote littermates. Box indicates cropped image used in final figure.

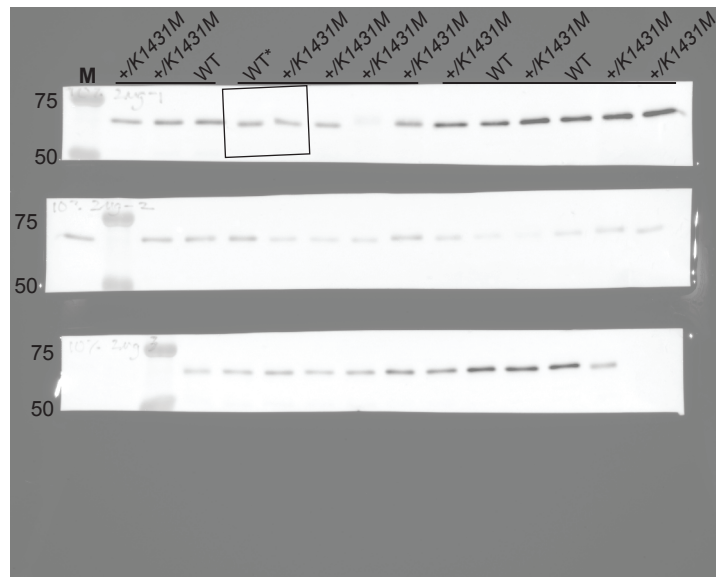


WB: Syt3

15 µg cortical crude synaptosome preps from P39-P42 mice were separated by gel electrophoresis and immunoblotted for synaptotagmin3 (Syt3). WT* indicates internal loading control. Lines denote littermates. Boxes indicate cropped images used in final figure.

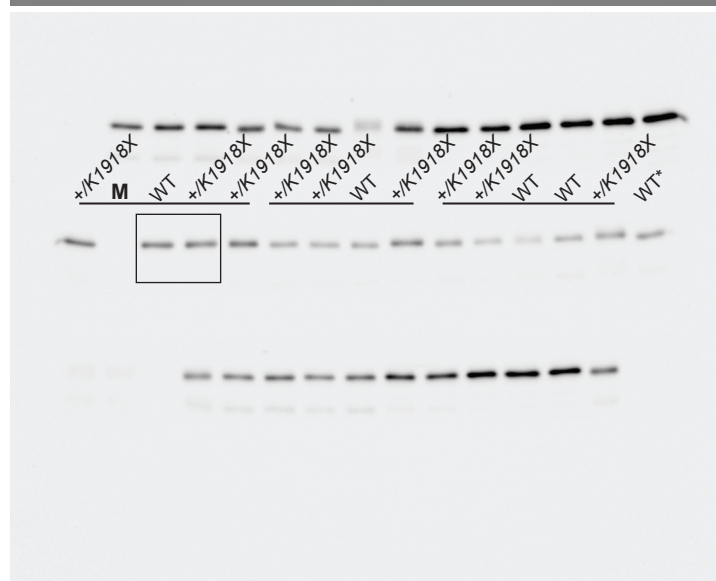


2 µg cortical crude synaptosome preps from P39-P42 mice were separated by gel electrophoresis and stained by Ponceau S prior to immunoblotting. WT* indicates internal loading control. Lines denote littermates. Stained membranes were cut prior to blotting. Note: these membranes were used for normalization of Western blots (Munc18, Syt) but were not shown in final figures.



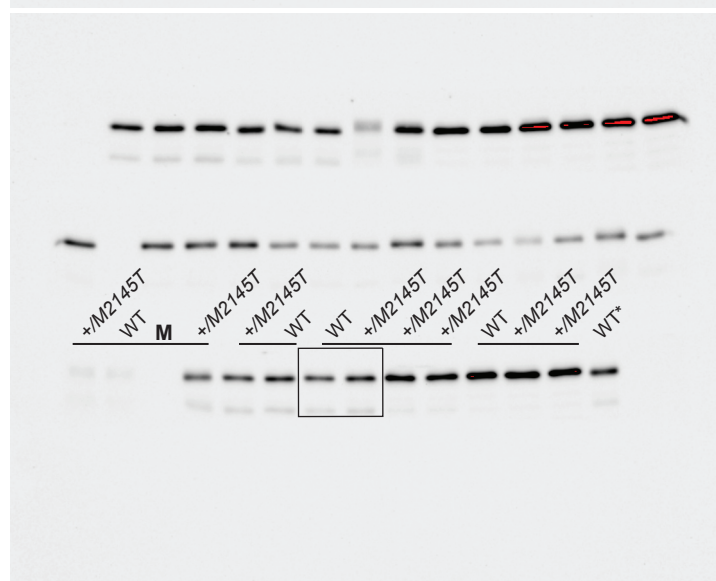
< K1431M litters

WB: Munc18



< K1918X litters

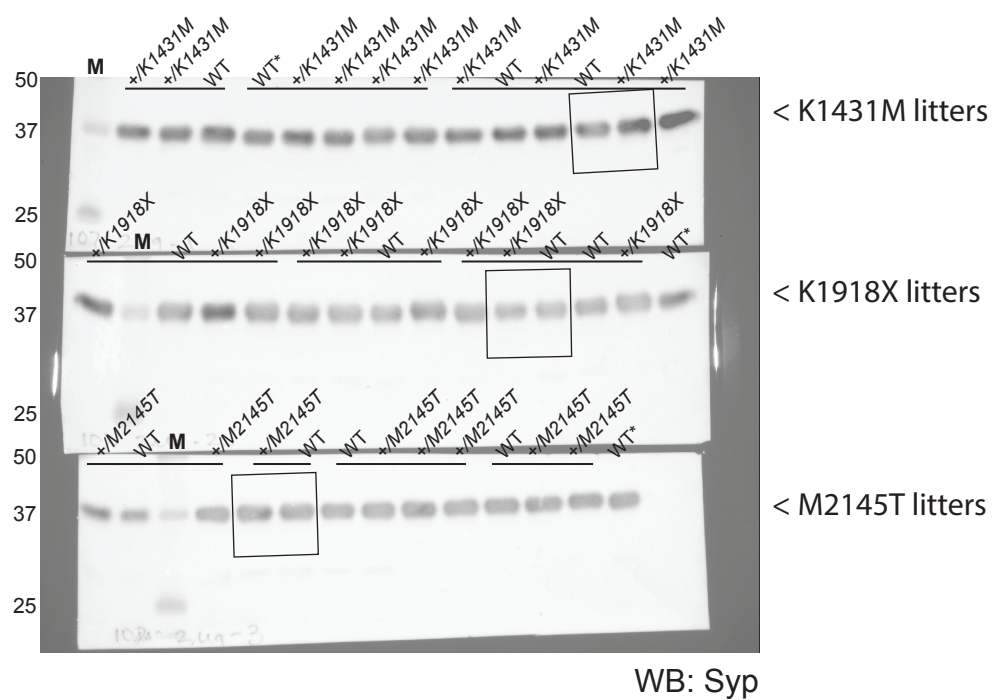
WB: Munc18



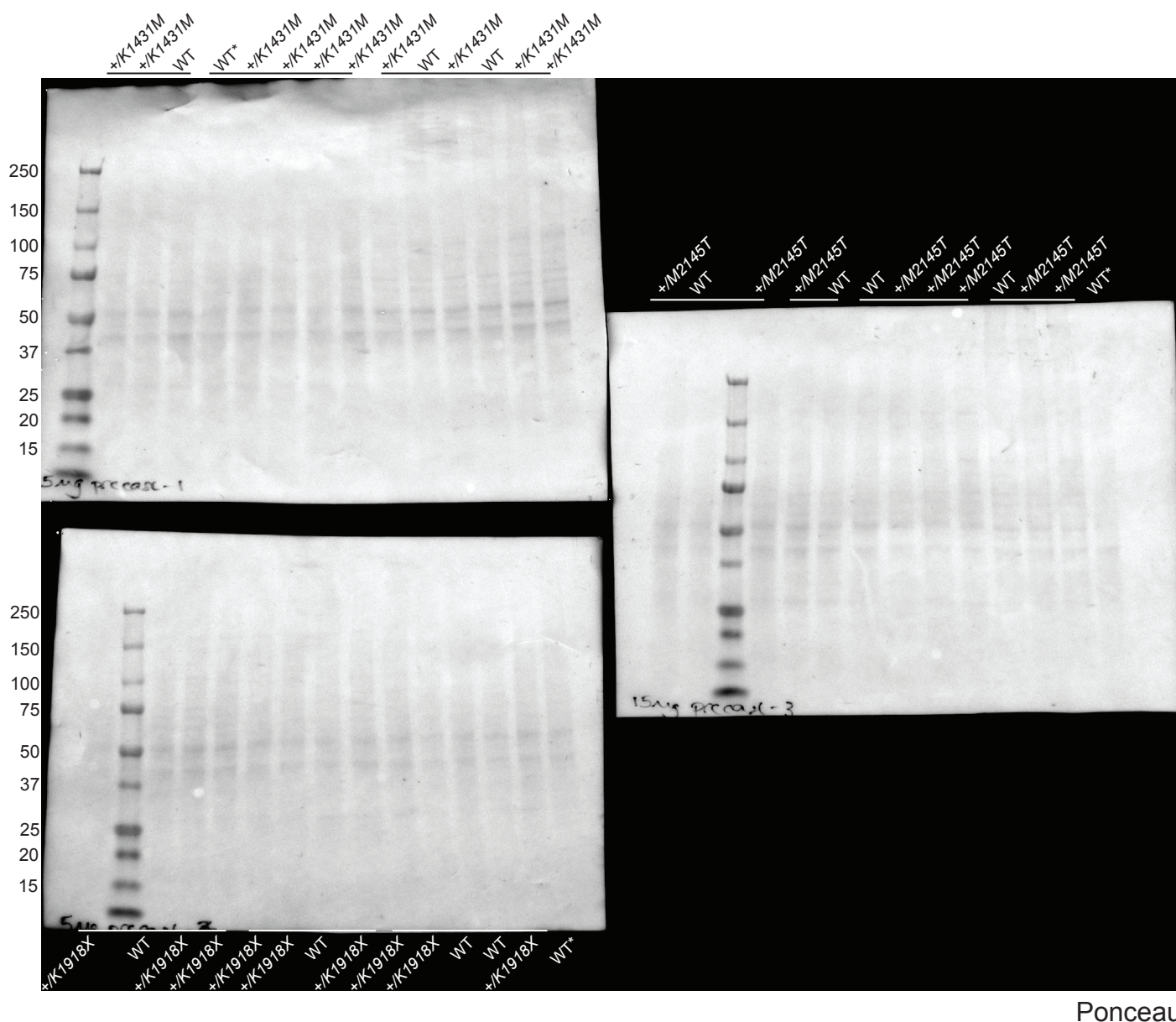
< M2145T litters

WB: Munc18

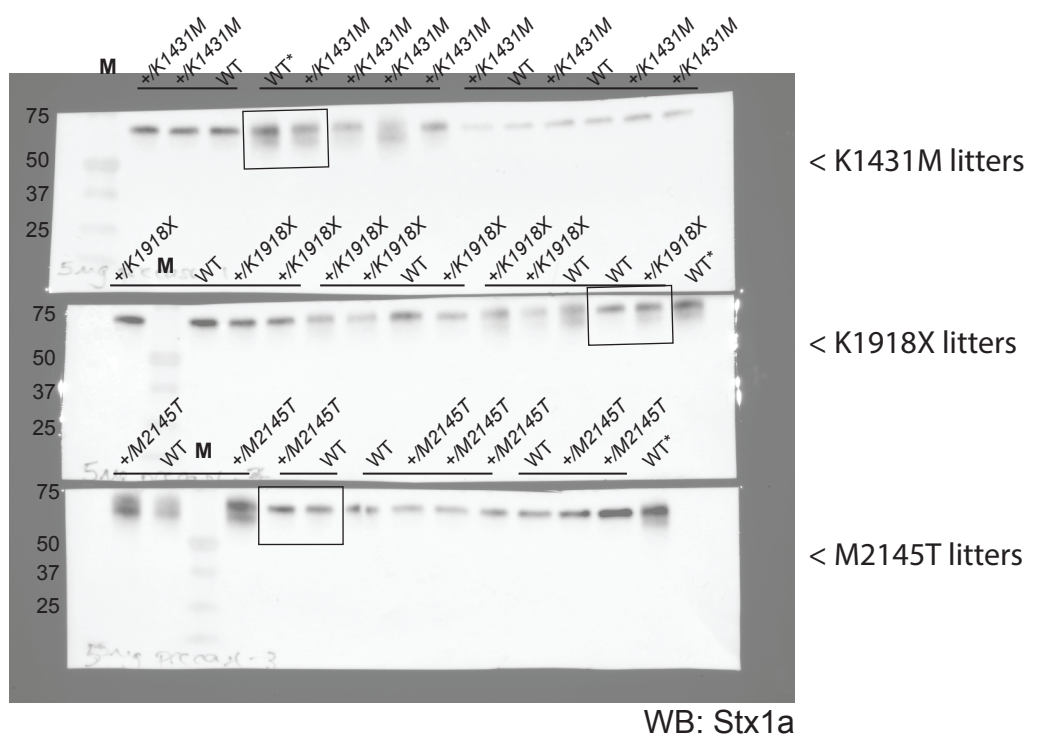
2 μ g cortical crude synaptosome preps from P39-P42 mice were separated by gel electrophoresis and immunoblotted for syntaxin binding protein 1 (Stxbp1, also known as Munc18-1). Lines denote littermates. The same blot at different exposures (30-60 sec) are shown. Boxes indicate cropped images used in final figure. M: Bio-Rad Protein Plus All Blue Protein Standard.



2 μ g cortical crude synaptosome preps from P39-P42 mice were separated by gel electrophoresis and immunoblotted for synaptophysin (Syp). WT* indicates internal loading control. Lines denote littermates. Boxes indicate cropped images used in final figure. M: Bio-Rad Protein Plus All Blue Protein Standard.



5 μg cortical crude synaptosome preps from P39-P42 mice were separated by gel electrophoresis and stained by Ponceau S prior to immunoblotting. WT* indicates internal loading control. Lines denote littermates. Stained membranes were cut prior to blotting. Note: these membranes were used for normalization of Western blots (Stx1a) but were not shown in final figures.



5 μ g cortical crude synaptosome preps from P39-P42 mice were separated by gel electrophoresis and immunoblotted for syntaxin1a (Stx1a). WT* indicates internal loading control. Lines denote littermates. Boxes indicate cropped images used in final figure. M: Bio-Rad Protein Plus All Blue Protein Standard.