



Supplementary information S4. Full length gels from figure 5. Each representative example is from a different gel. 75-150 kg: **A** gel as presented in manuscript, **B** original gel from A. To avoid distraction by the differences in the amount of protein between the groups, we adjusted the black/white intensity of the gel for presentation in the manuscript. We deemed this to be acceptable, since we are interested in the N2BA/N2B ratio within each gel. Importantly, for the quantitative analysis of the N2BA/N2B ratios original gels were used.