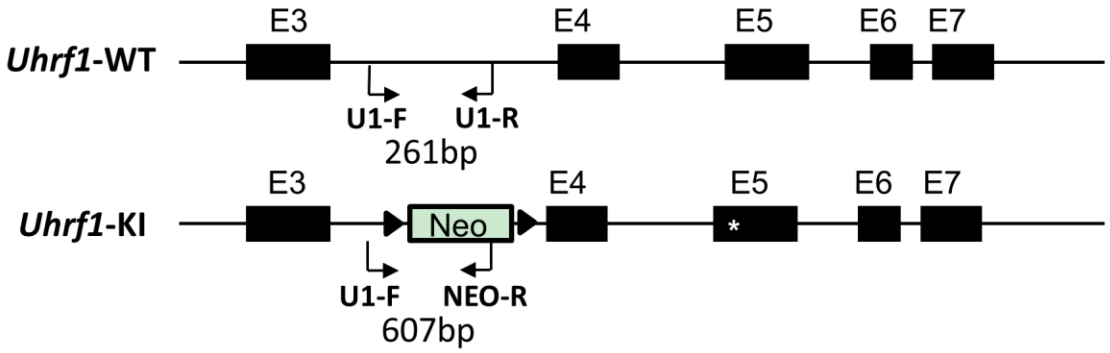
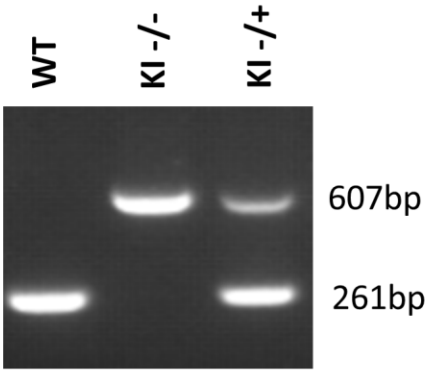
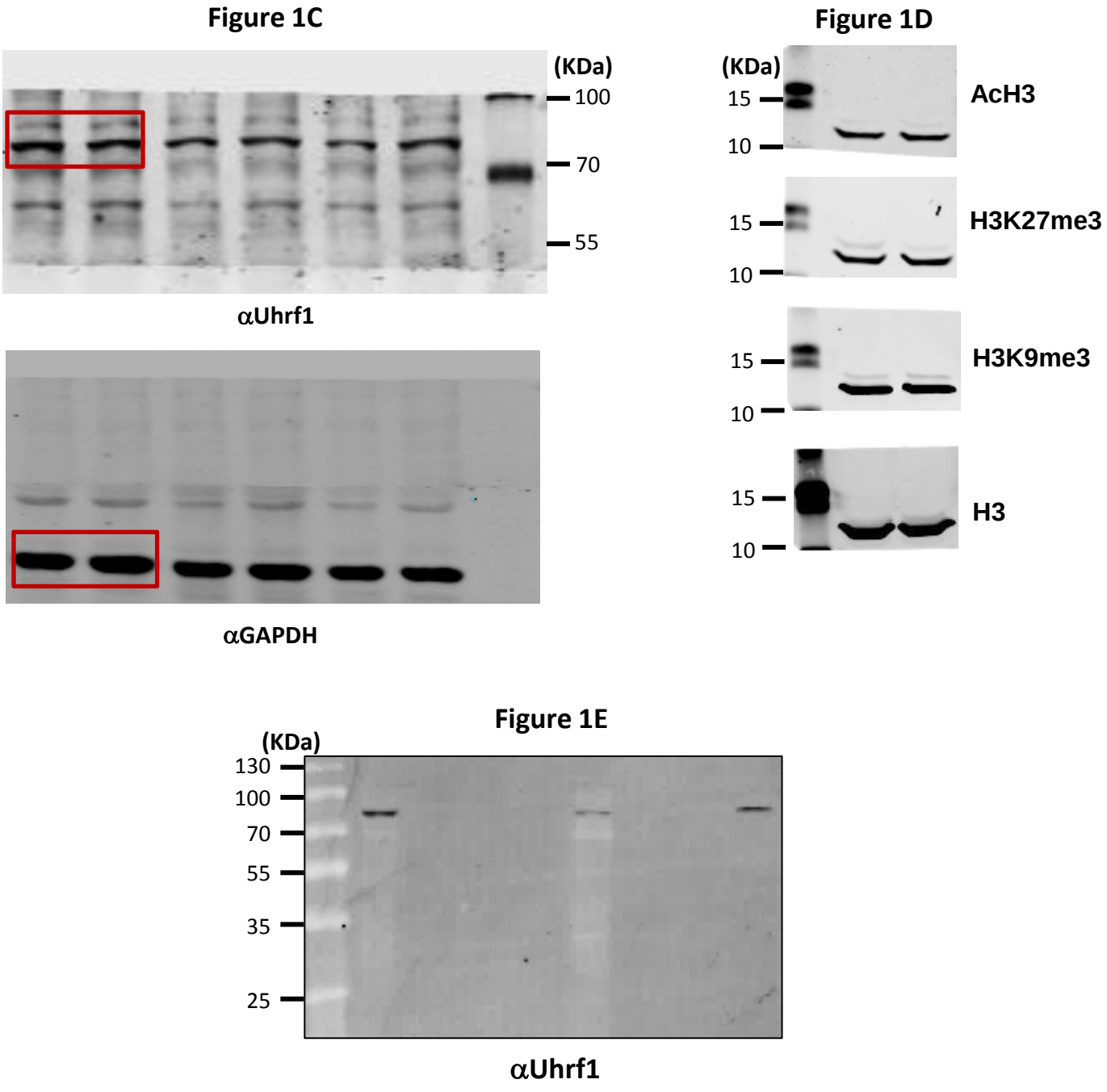


*** TATCCA → GCTGCA(YP187/188AA)**

U1-F:GTGGCAGTATAGATTCTCACC
U1-R:CTACCTGGCAGCAAAGC
NEO-R:TATCGCCTTCTTGACGAGTTC



Supplementary Figure 1. Strategy for genotyping of Uhrf1 YP187/188AA KI mice by PCR. The top panel illustrates the genomic difference between WT and KI mice. The middle panel shows the primer sequences for PCR reaction. The lower panel shows a representative genotyping result for WT, homozygous KI -/- and heterozygous KI -/+ mouse.



Supplementary Figure 2. Whole uncropped Western blots for Figure 1C, 1D and 1E. Molecular weight markers are as indicated. Labeling and order are consistent with Figure 1.

Figure 3E

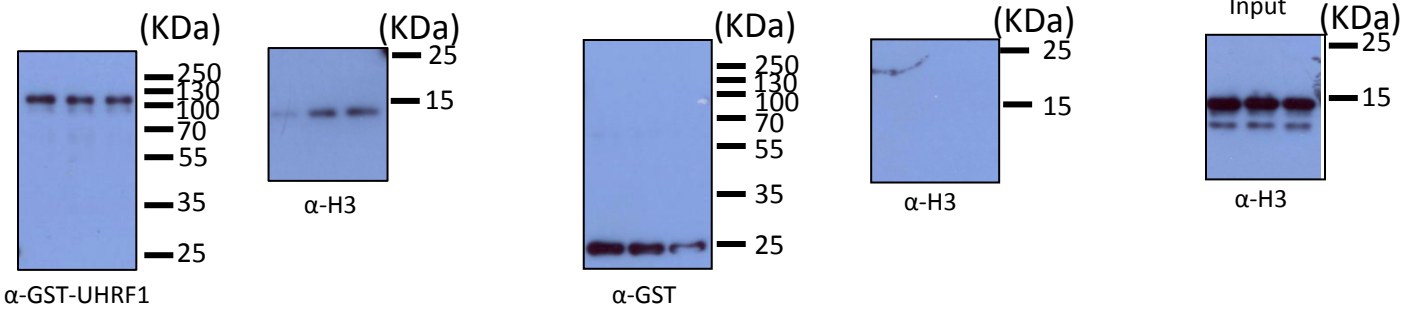


Figure 3G

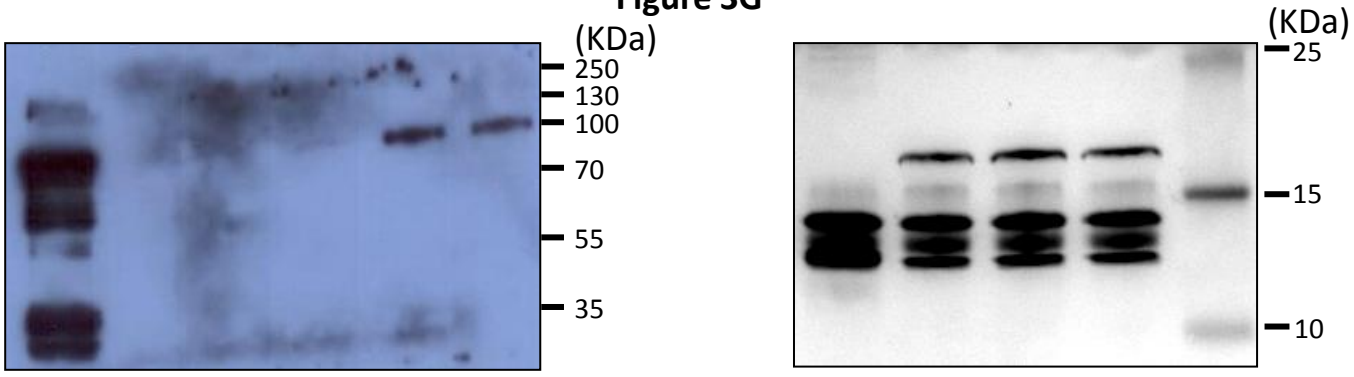


Figure 3H

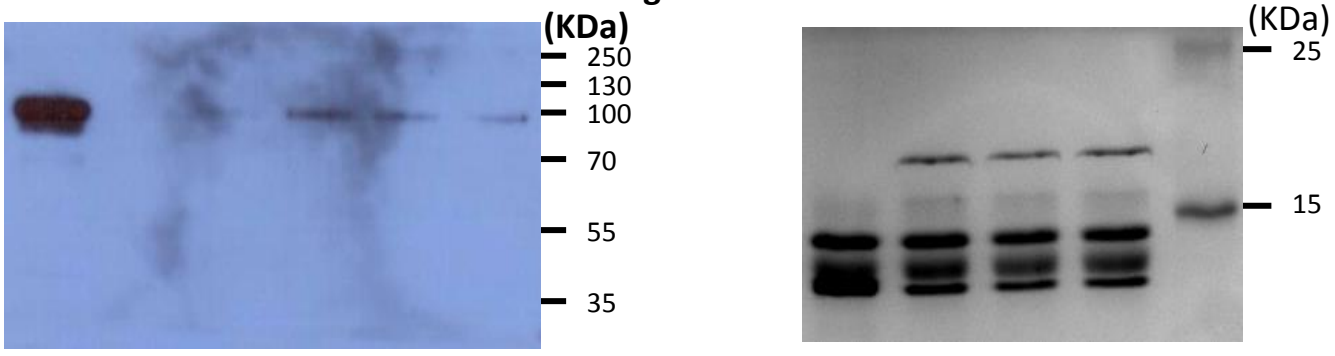
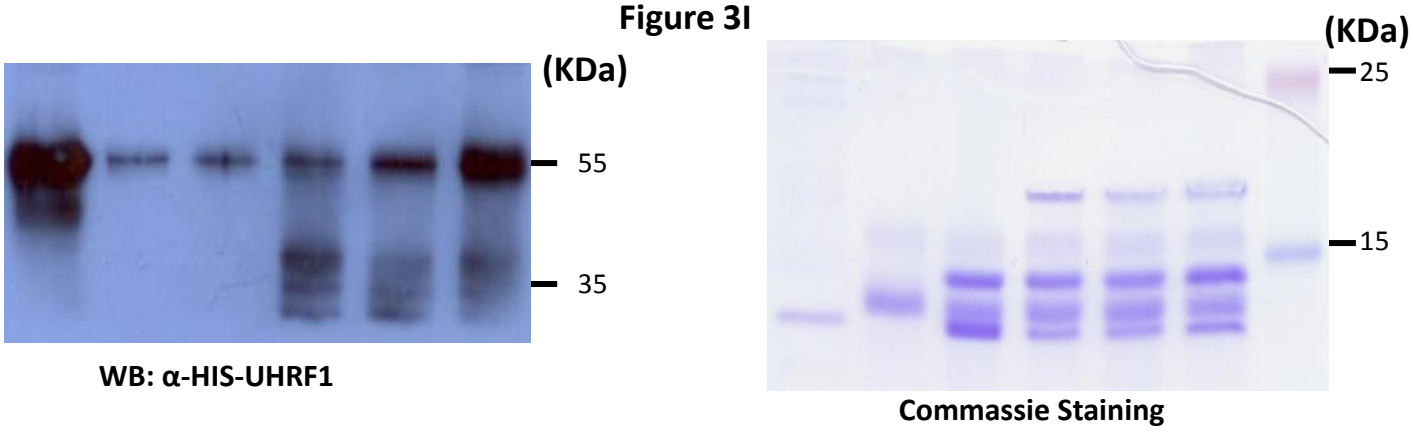
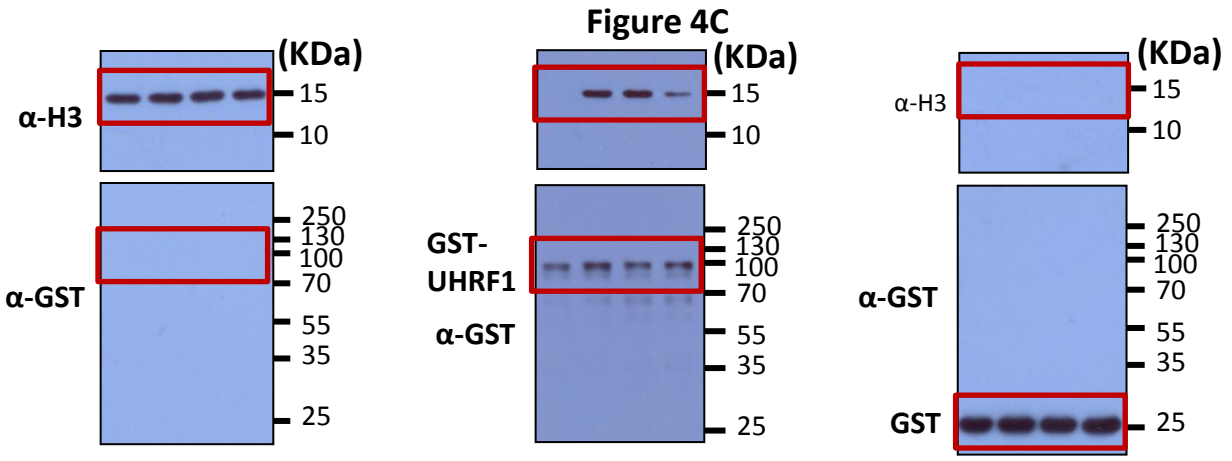
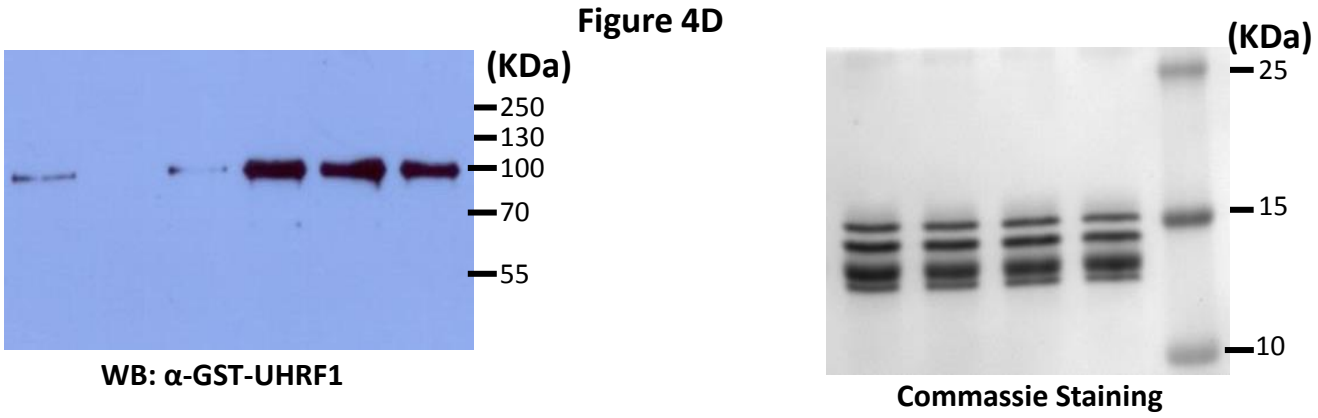


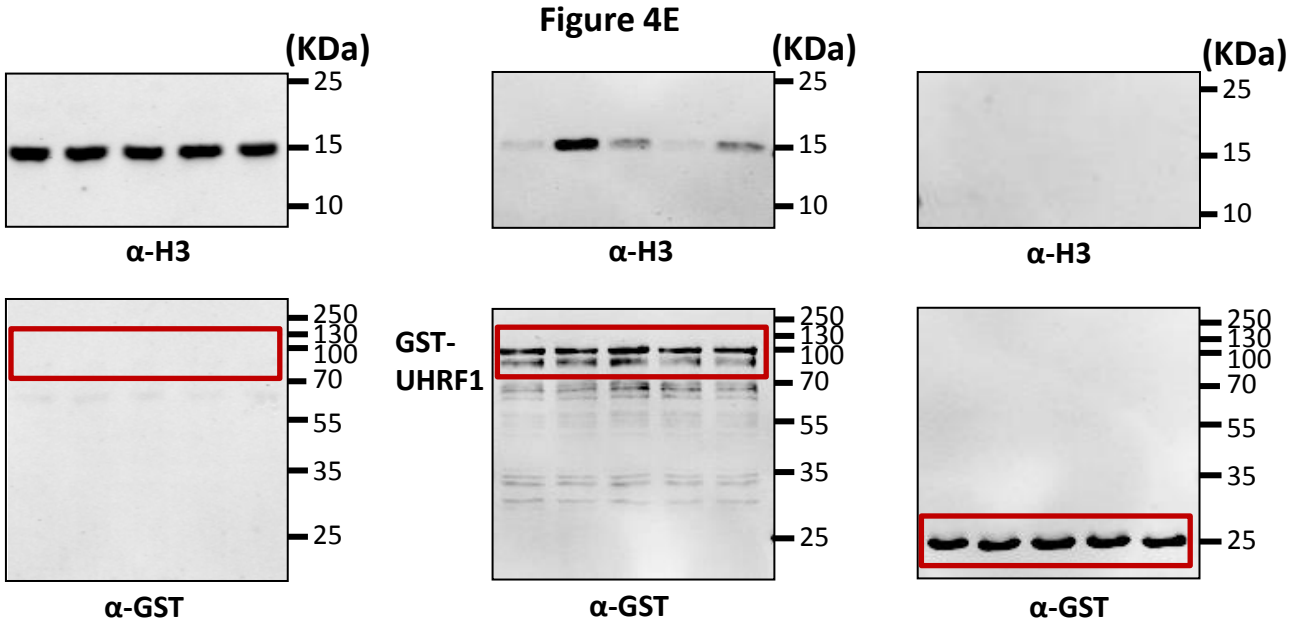
Figure 3I



Supplementary Figure 3. Whole uncropped Western blots for Figure 3. Molecular weight markers are as indicated. Labeling and order are consistent with Figure 3.



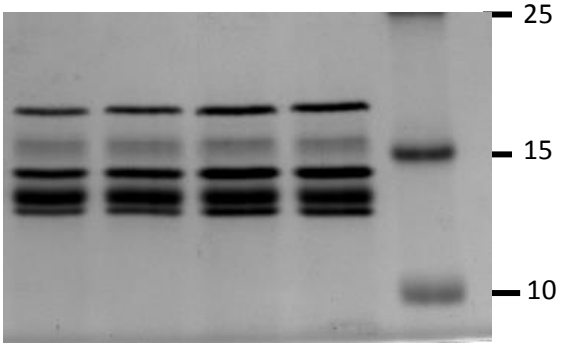




Supplementary Figure 4. Whole uncropped Western blots for Figure 4. Molecular weight markers are as indicated. Labeling and order are consistent with Figure 4.

Figure 5B

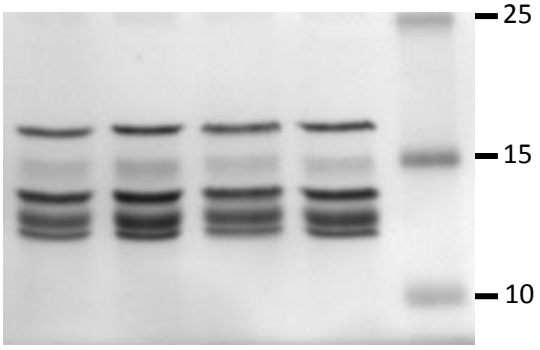
WB: α-GST-UHRF1



Commassie Staining

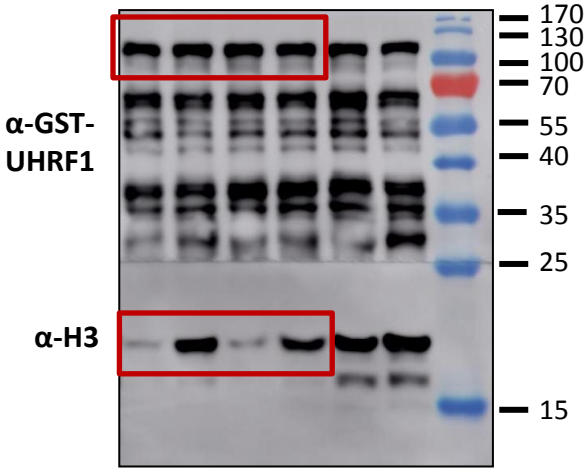
Figure 5D

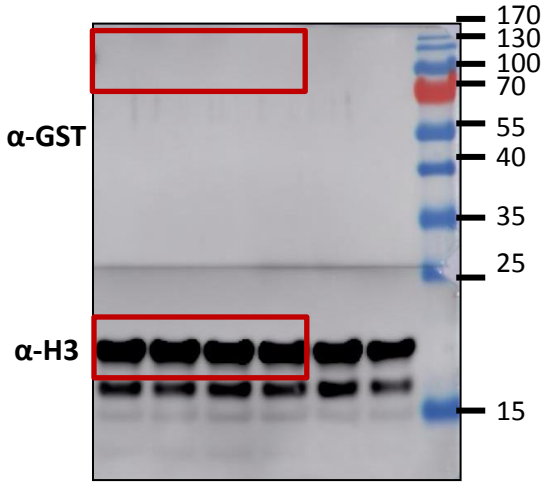
WB: α-GST-UHRF1



Commassie Staining

Figure 5F





Supplementary Figure 5. Whole uncropped Western blots for Figure 5. Molecular weight markers are as indicated. Labeling and order are consistent with Figure 5.