

Description of Additional Supplementary Files

File Name: Supplementary Data 1.

Description: MS1 intensities from label-free quantification ADP-ribosylome analysis of H₂O₂- and untreated HeLa cell lysate enriched either with WT Af1521 or eAf1521. Related to Figure 2, 3 and Supplementary Figure 2, 3. For statistics a two-sided t-test was performed.

File Name: Supplementary Data 2.

Description: PSMs from ADP-ribosylome analysis of H₂O₂- and untreated HeLa cell lysate enriched either with WT Af1521 or eAf1521. Related to Figure 2 and Supplementary Figure 2, 3.

File Name: Supplementary Data 3.

Description: ADPr sites from ADP-ribosylome analysis of H₂O₂- and untreated HeLa cell lysate enriched either with WT Af1521 or eAf1521. Related to Figure 2.

File Name: Supplementary Data 4.

Description: PSMs from ADP-ribosylome analysis of H₂O₂-treated HeLa cell lysate enriched with eAf1521 using different starting material amounts. Related to Figure 2 and Supplementary Figure 2.