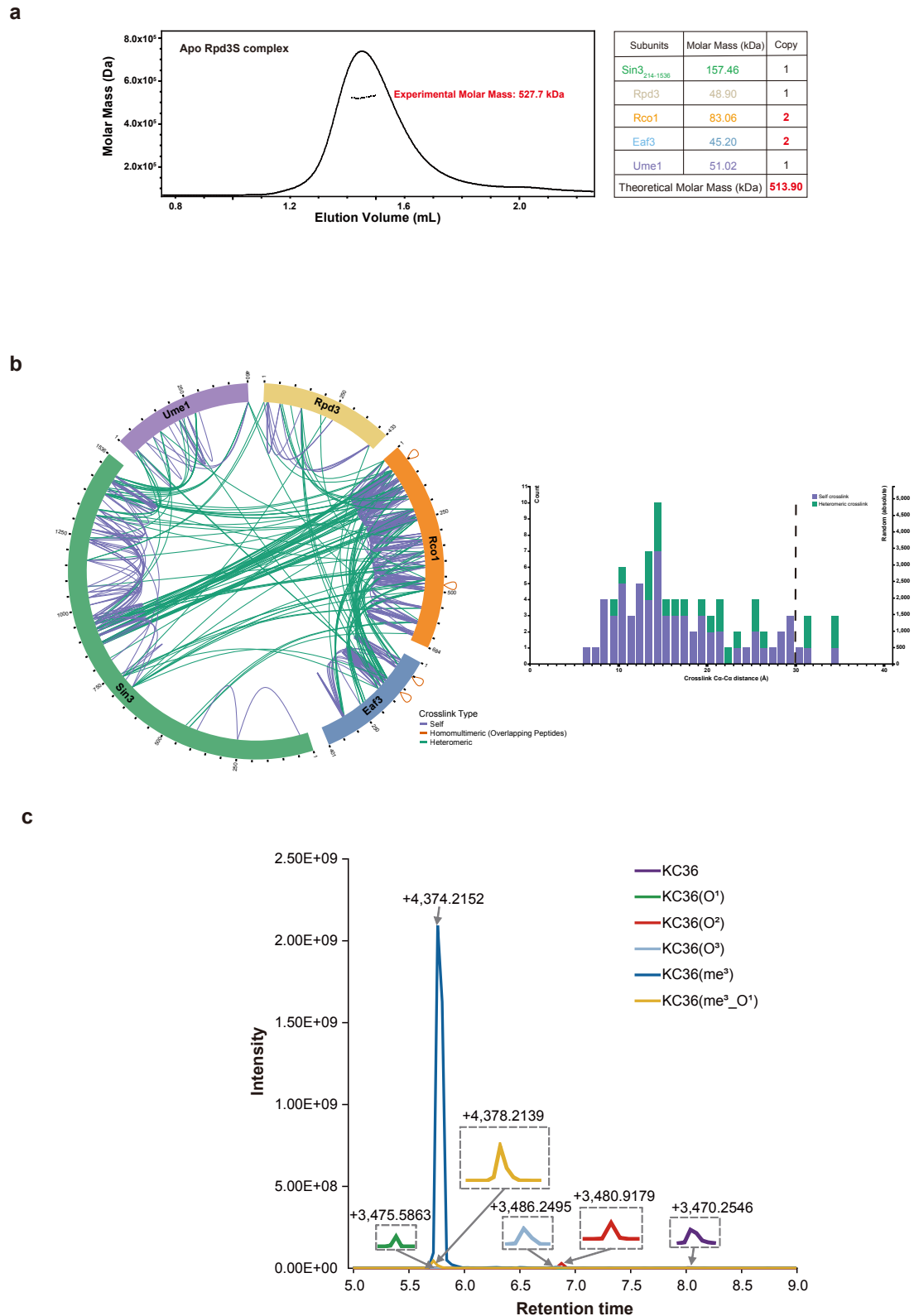




Supplementary information, Fig. S2. SEC-MALS, XL-MS and LC-MS/MS analyses. a, The molecular weight of apo Rpd3S was determined by SEC-MALS. The weight-average molar mass for the complex is plotted versus the elution volume, showing molar-mass values

over the peak width. The right table shows the molecular weights of Rpd3S subunits and the theoretical molar mass of Rpd3S containing two copies of Rco1 and Eaf3 is 513.90 kDa, which is similar to 527.7 kDa of the experimental molar mass. **b**, Circular plot displaying all the identified lysine-lysine inter-subunit crosslinks obtained by XL-MS for apo Rpd3S. **c**, LC-MS/MS extracted ion chromatograms of tryptic H3K_C36 and H3K_C36-me³ peptides (-KSAPATGGVCKPHR-), peaks with different types of cysteine oxidation were also included. The charge state and m/z of each peptide were labelled above the peaks.