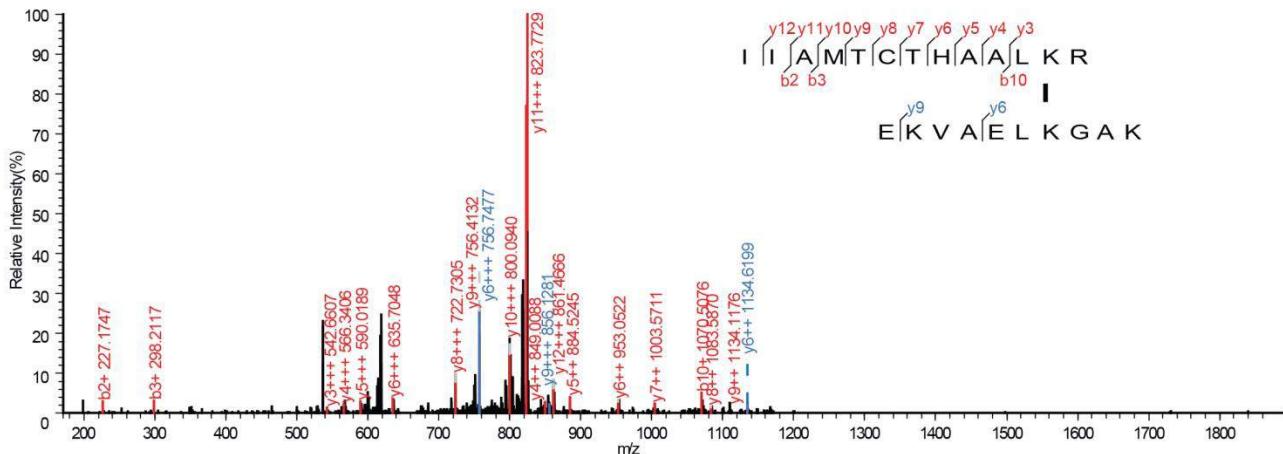
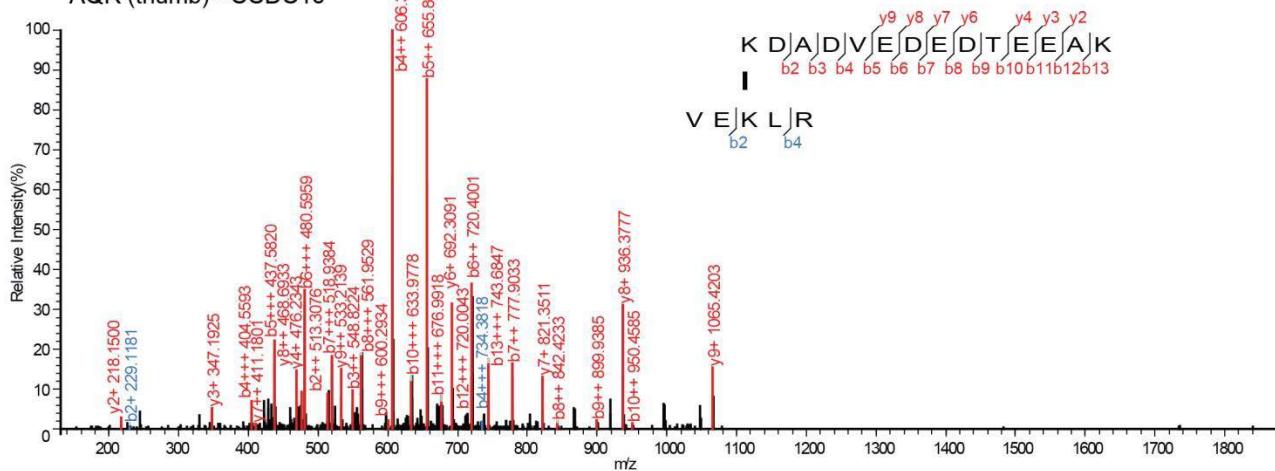


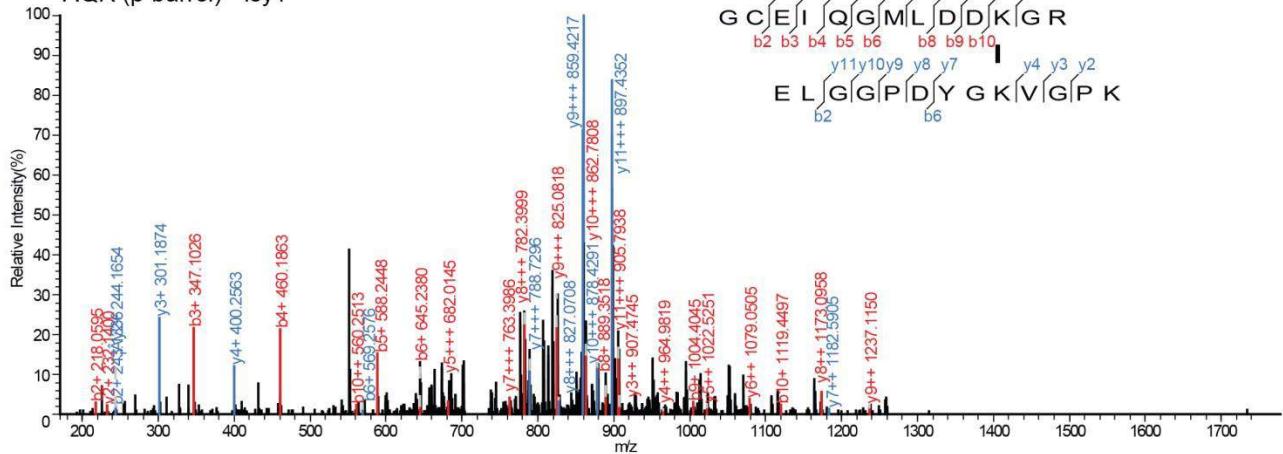
AQR (RecA1) - CCDC16

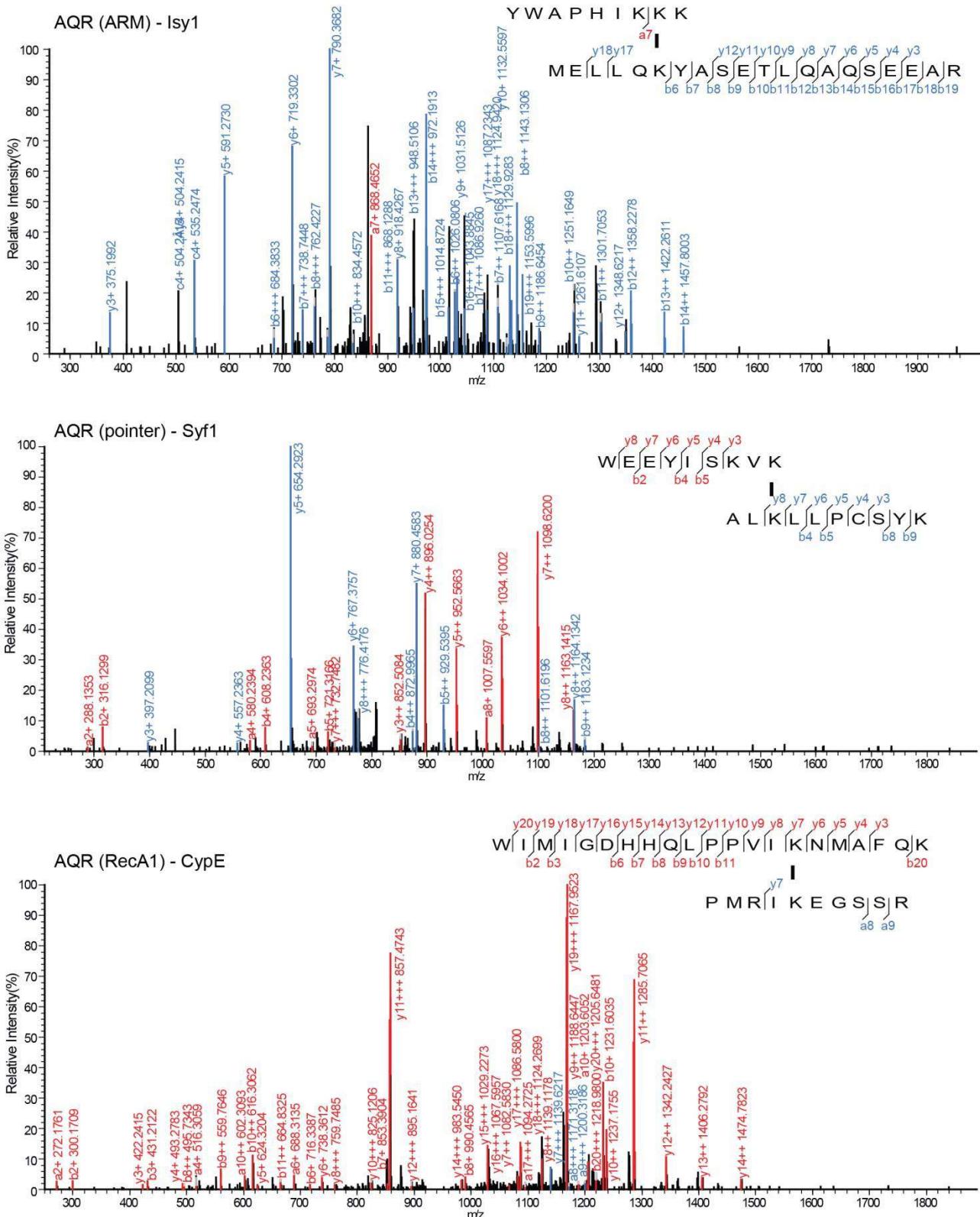


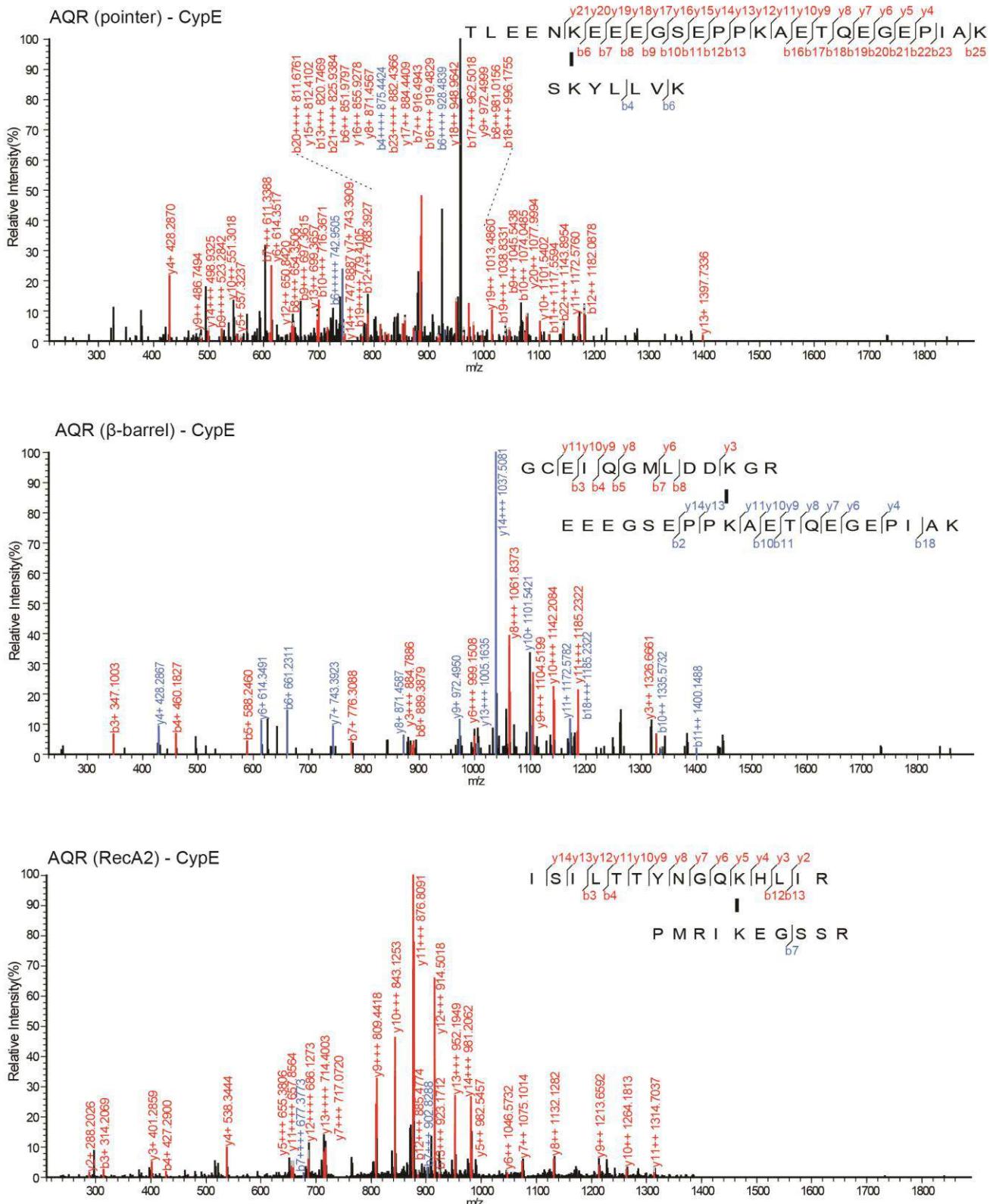
AQR (thumb) - CCDC16



AQR ( $\beta$ -barrel) - lsy1







**Data S2. Protein-protein interactions within the IBC. Related to Figure 5.**

Interprotein crosslinking spectra showing interactions identified between the different Aquarius domains and members of the IBC, shown schematically in Figure 5A and listed in Supplemental Table S2. One spectrum is shown *per* pair of interacting proteins. CID generated b and y ions indicate fragmentation of the peptide bond conserving the charge at the N- or C-terminus, respectively. Fragments belonging to each of the cross-linked peptides are indicated by either red (first peptide) or blue (second peptide).