

Supplementary Material for
Structural Analysis of the Homodimeric Reaction Center
Complex from the Photosynthetic Green Sulfur Bacterium
Chlorobaculum tepidum

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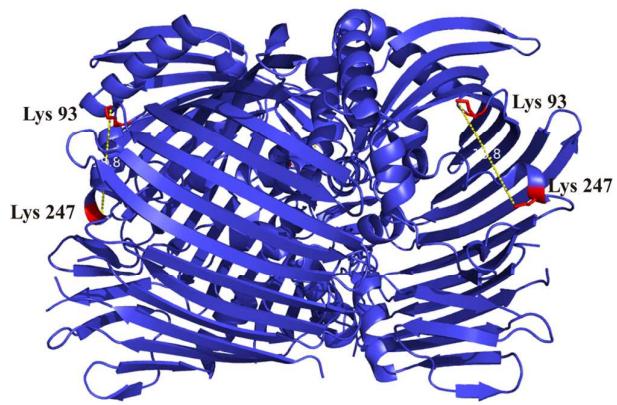
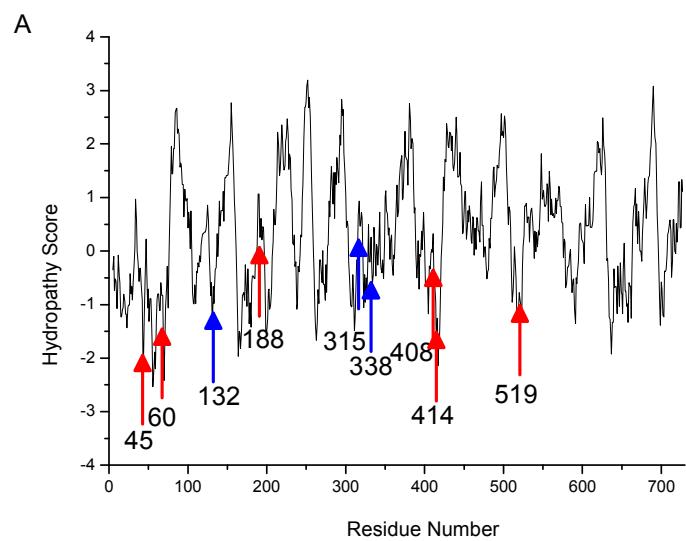


Figure S1. The intra-linked lysines ^{93}K and ^{247}K in the crystal structure of the FMO trimer and the distance between them is 18.8 Å



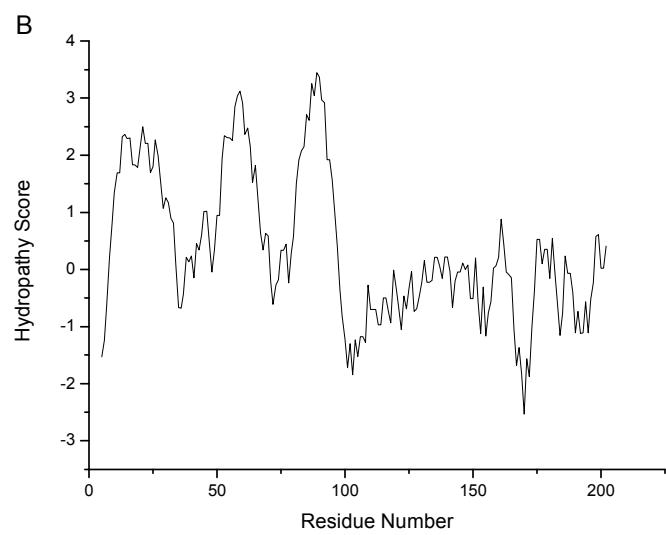


Figure S2. Hydropathy plots of (A) PscA (linked lysines in the cytoplasmic (red arrows) and periplasmic (blue arrows) side of the membrane) and (B) PscC

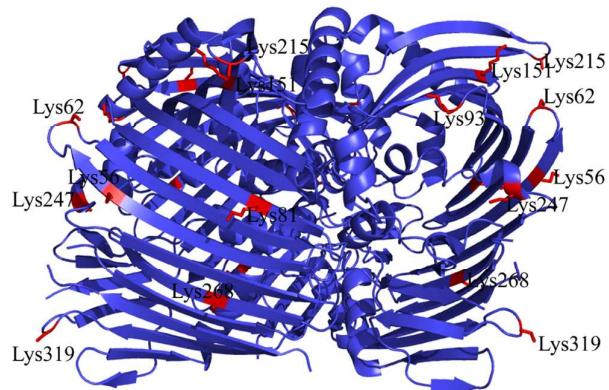


Figure S3. The mono-linked lysines of FMO

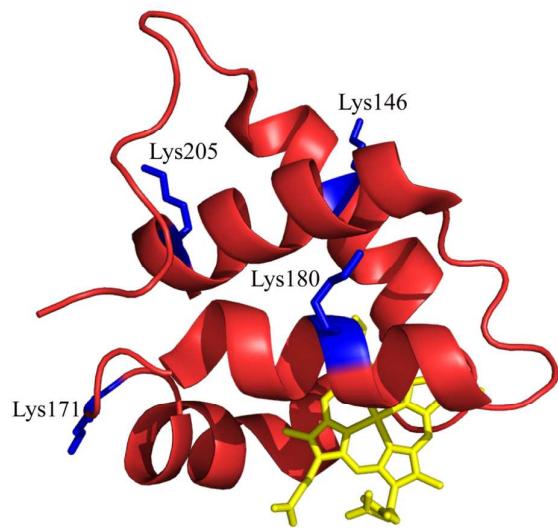


Figure S4. The mono-linked lysines of soluble domain of PscC

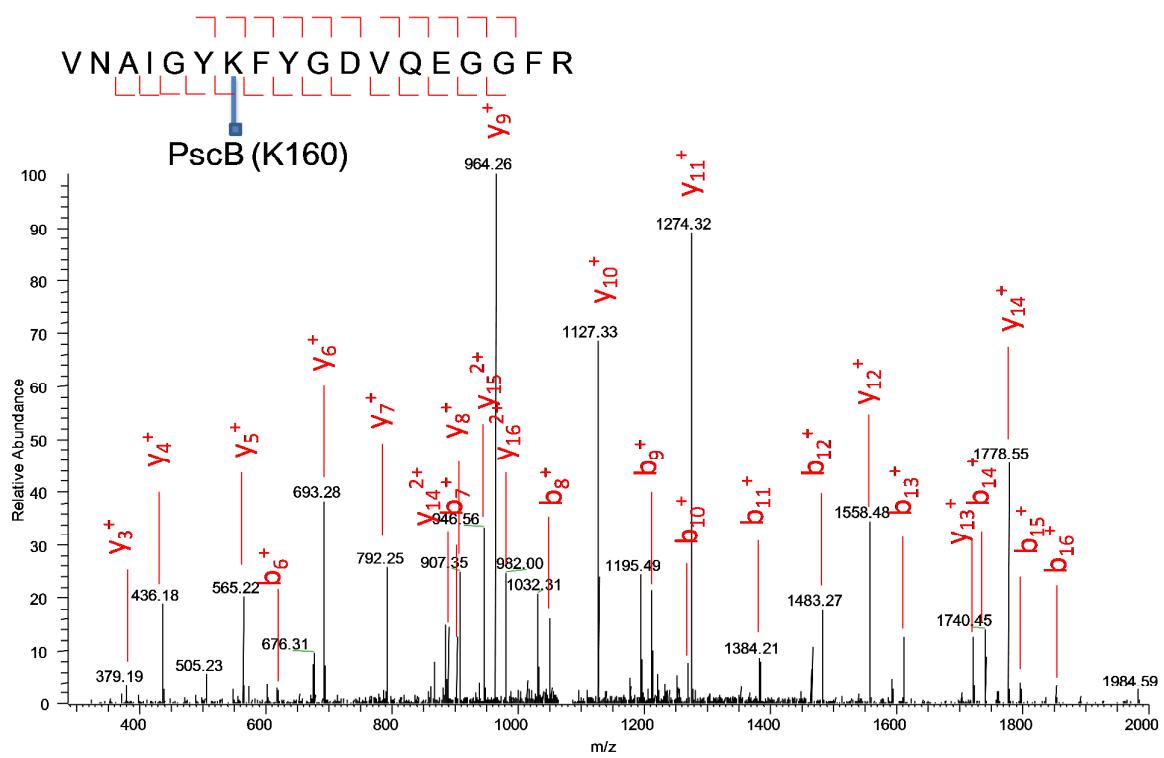


Figure S5. The MS/MS spectra of the mono-linked peptide of PscB (K160)

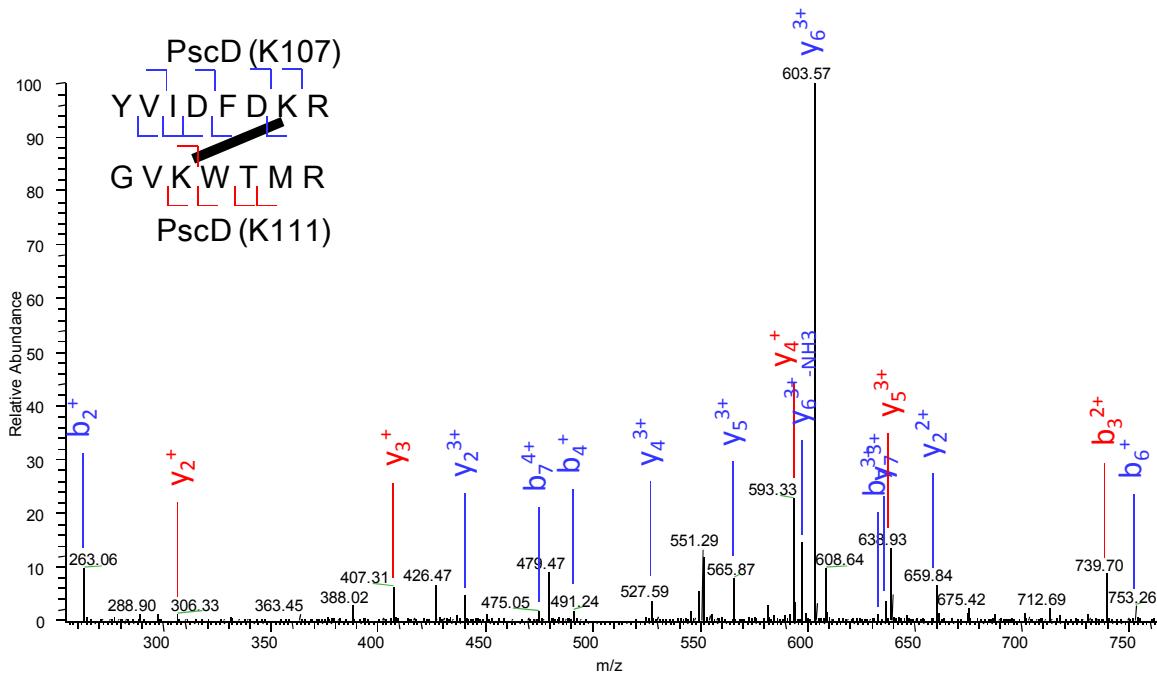
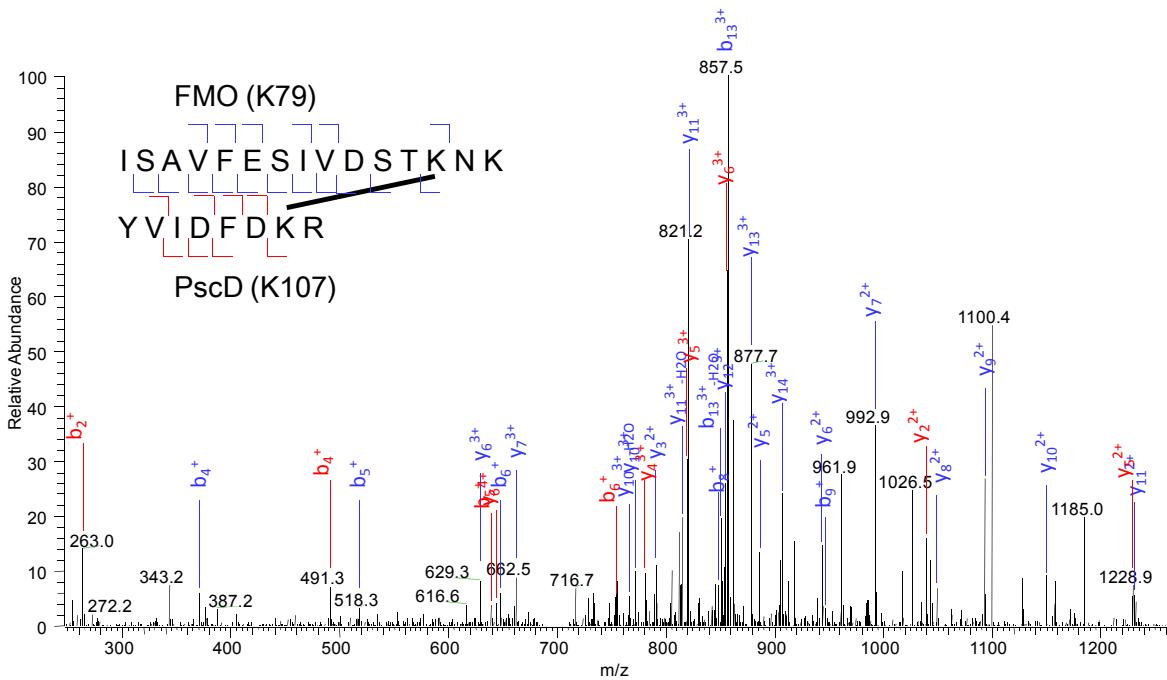
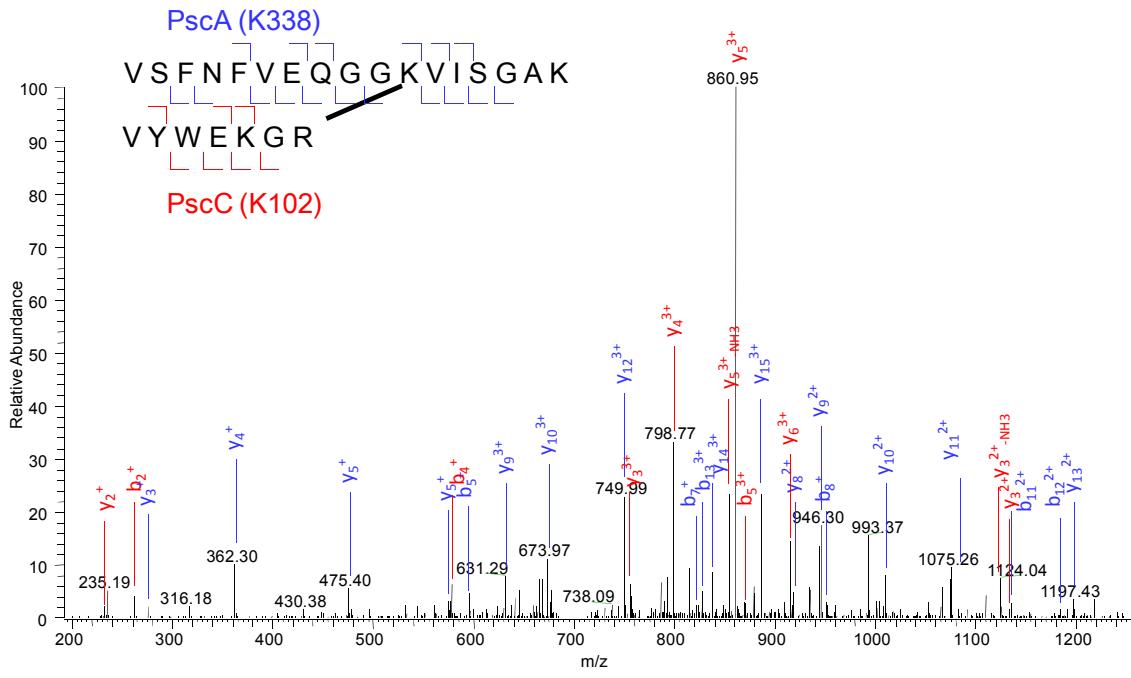
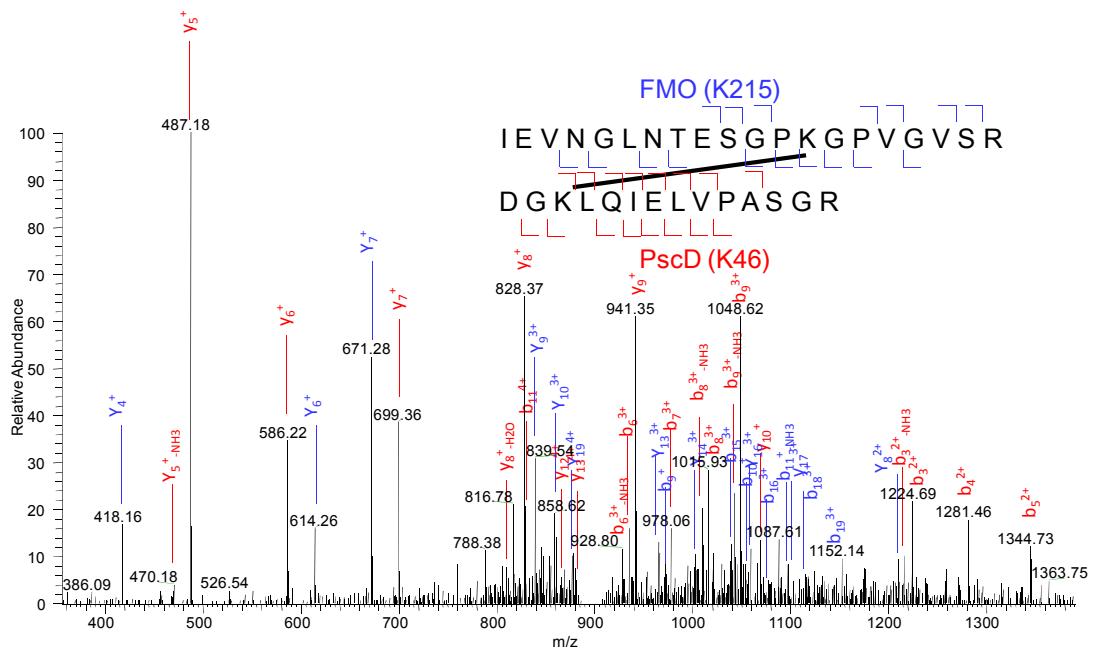


Figure S6. The MS/MS spectra of the intra-linked peptide between PscD K107 and K111





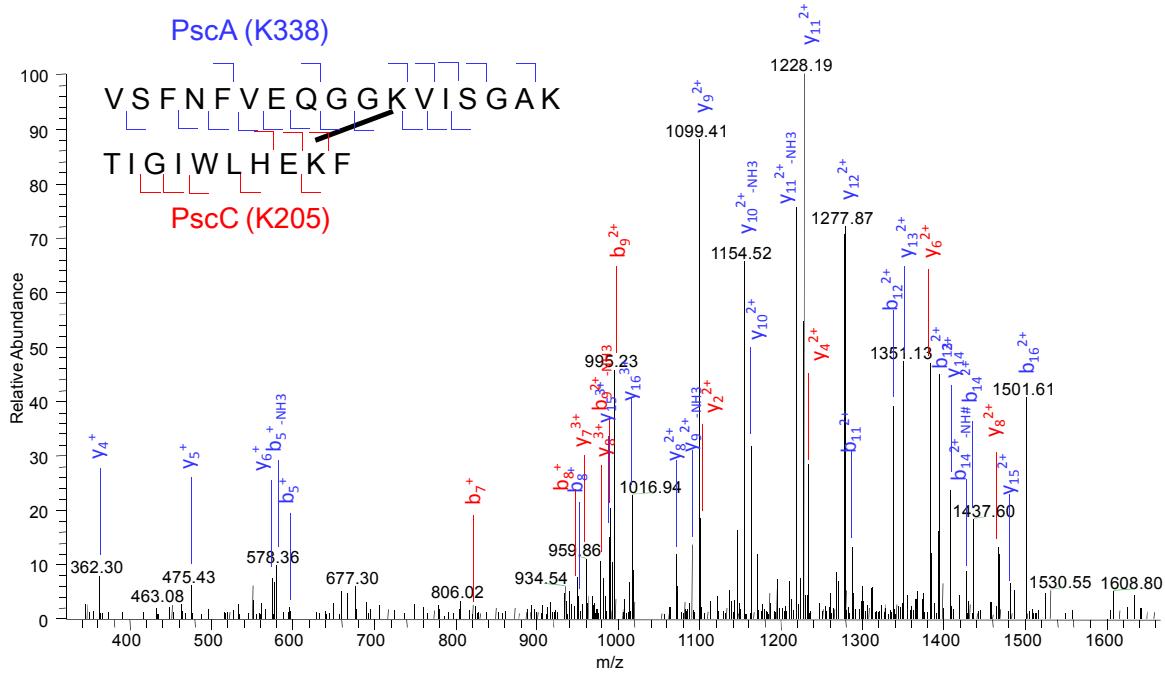
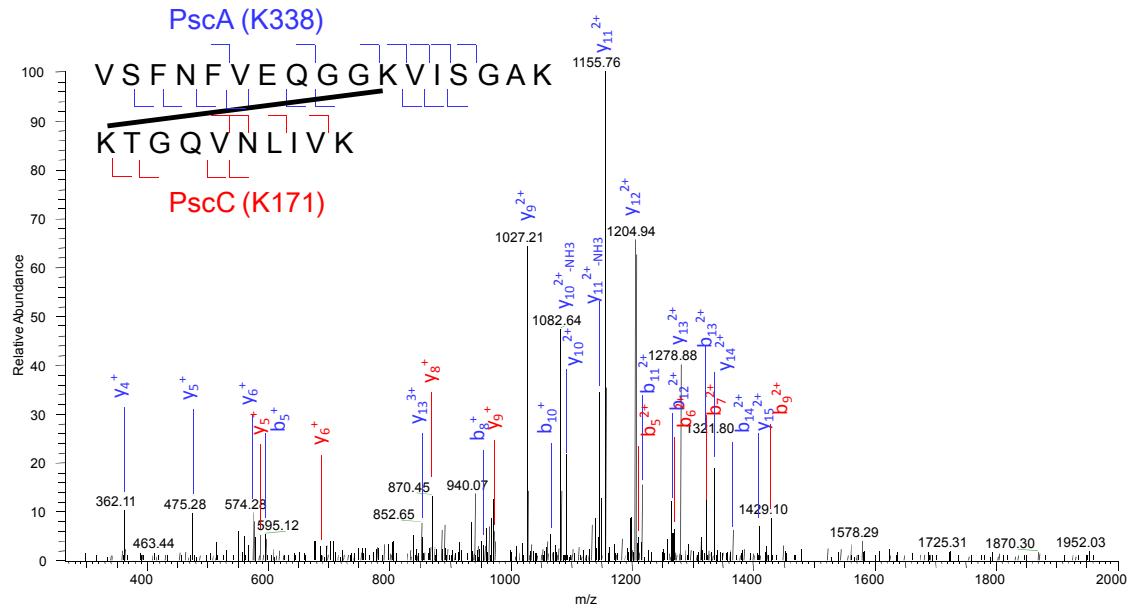


Figure S7. The MS/MS spectra of the confirmed cross-linked peptides

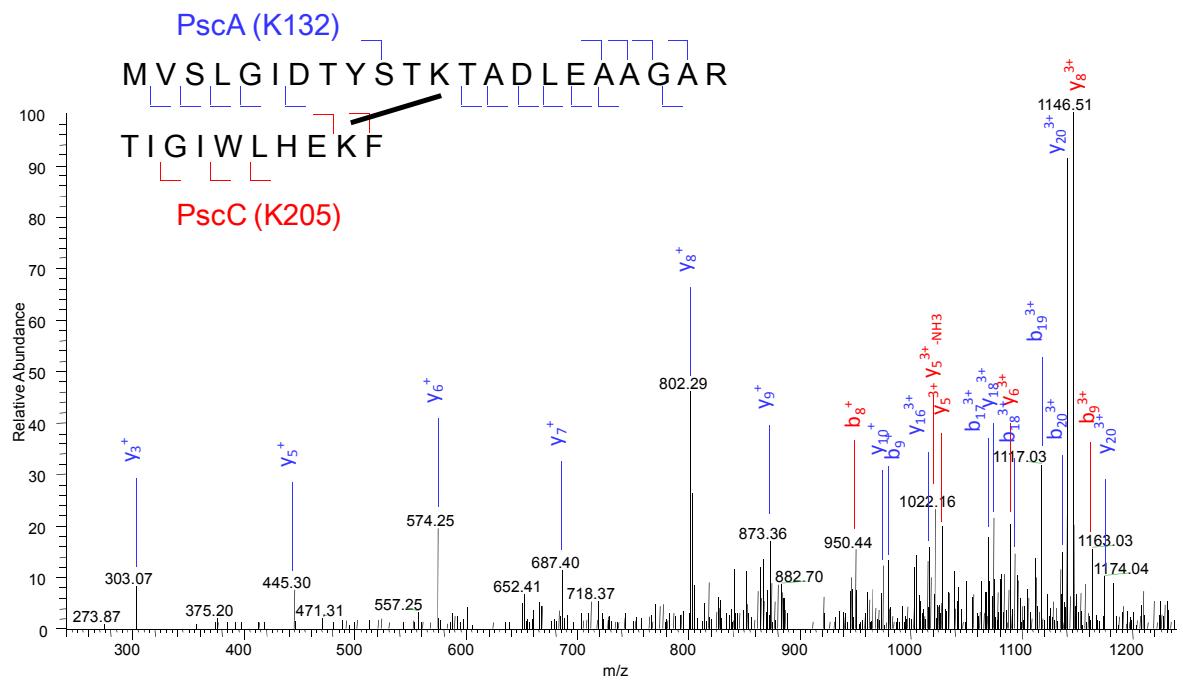


Figure S8. The MS/MS spectrum of the likely cross-linked peptides