



Supplemental Figure 1. Multiple-sequence alignment of monomeric RFPs and their tetrameric predecessors. Modified amino acid residues are highlighted in different colors; cyan: residues involved in interface interactions; green: residues in the interior of the β -can; magenta: residues interacting with the chromophore; yellow: external residues; gray: GFP-termini of mCherry. The chromophore is underlined; β -strands are indicated by arrows.