



**Additional file 2. Representative examples of 5-HT7R/CDK5 models proposed by Colabfold.**

Groups 1-3 are shown in **a-c**, respectively. 5-HT7R shown as light gray cartoon, p25 – violet cartoon. Model overlay was based on matching CDK5, which is shown in wire form for clarity with color corresponding to either 5-HT7R or p25. p25 residues which are involved in the CDK5 binding interface are highlighted in yellow.