



**Additional file 8. Co-expression of CDK5 and 5-HT7R mutants.**

Representative confocal images of N1E-115 cells co-expressing CDK5-eCFP and eYFP-tagged 5-HT7R mutants E325G, K327S, E325G;K327S or  $\Delta$ R395. Scale bar: 50  $\mu$ m.