



**Figure S5. A model of regulation for TFE3 transcriptional activity by *FLCN* inactivation.** *FLCN* inactivation induces dephosphorylation and an additional post-translational modification of TFE3 that are necessary for its nuclear import and retention, and transcriptional activity. P, phosphorylation; PTM, post-translational modification; Enz, Enzyme; PPase, protein phosphatase.