



**Figure S2 Western blots showing IVT mixtures for GABPα-GST, GABPα-GST+ CREB and CREB.** Lanes 1-4 contain increasing amounts of GABPα-GST plasmid (2.5 ng, 8 ng, 30 ng and 100 ng), lanes 5-7 contain plasmid mixtures of GABPα-GST+ CREB in 1:1 ratio (2.5 ng, 8 ng and 30 ng), lane 8 is a negative control (IVT solution without plasmids), and lanes 9-11 show westerns of CREB (2.5 ng, 8 ng and 30 ng). GABPα-GST was detected using anti-GST HRP conjugate and CREB was detected using anti-T7 HRP conjugate.