



Supplementary Figure 1. Characterisation of antibodies that recognise METTL1. Bacterially expressed human GST-METTL1 and GST-METTL1[S27A] were left unphosphorylated (no kinase, NK) or maximally phosphorylated with PKB α and 100 ng aliquots spotted on to a nitrocellulose membrane and immunoblotted with three antibodies (each at 1 mg protein per ml). These were a phospho-specific antibody (pSer27) raised against the peptide CYRQAHpSNPMADH (where pS is phosphoserine), corresponding to residues 20-33 of METTL1, or an antibody raised against GST-METTL1 itself (METTL1) which recognises phosphorylated and unphosphorylated METTL1 equally well. The experiments with the pSer27 antibody were carried out in the absence (none) or presence (10 mg/ml) of the competitor peptides indicated.