

**S4 Fig.** **Structural comparison of crystal structures of S6K1 and homology models of S6K2.** The αC helix is shown in blue and the side chains of key residues mentioned in the text are rendered as sticks. **(a)** Crystal structure of S6K1 (PDB ID: 4L3J). **(b)** Homology model of S6K2 based on the structure in (a).