

Supplementary figure. Comparison between human KHK-A and KHK-C. Ribbon diagrams of KHK-A in the presence and absence of fructose + AMPPNP, KHK-C subunits A and B. For all structures, the subunit is shown in the same orientation. The open and closed states of the KHK-C subunits can be compared with the superpositioning of KHK-C subunits A and B using 129 C_{α} atoms of the central α/β fold. The alternative splicing of the KHK gene results in a different sequence for a single region of the chain between the two isoforms (residues 72 to 115), shown in red. The figures were generated using PyMol (DeLano, 2002).

