



Structural determination of KCC3 upon SPAK kinase phosphorylation. A) Size-exclusion chromatography (SEC) traces of untreated and SPAK-treated KCC3 samples. B) Represented 2D classes of SPAK-treated KCC3 sample. C) A 3.5 angstrom map that captures KCC3 in a novel dimeric architecture in which a 2-fold symmetry is broken, as oppose to all reported structures for CCCs that uniformly assume a 2-fold symmetry.