



Figure S5. CsCRUC β subunit has unique amino acids that may increase binding of SDS and increase relative mobility during electrophoresis. Sequences of predicted β subunits of camelina cruciferins were aligned using Clustal Omega and coloured for similarities using the BLOSUM 62 scoring matrix. Basic and hydrophobic amino acids with increased propensity to bind SDS [48, 49] and distinct to CsCRUC β are highlighted (red box). Note that while some of these amino acids are shared with CsCRUD β, CsCRUC is expressed at ~20-fold greater than CsCRUD (Figure S1).