

Title: Supplementary Data 1:

Description: Annotations of 15 essential protein domains targeted by small molecular drugs approved by FDA or in clinical trials.

Title: Supplementary Data 2:

Description: Averaged Z-scores of 159 genes in three different cell lines in the Munoz dataset, essentiality is assessed with threshold of -0.4.

Title: Supplementary Data 3:

Description: Annotation of 175 CKHS regions in 83 proteins called by ProTiler.

Title: Supplementary Data 4:

Description: Annotations of Pfam domains and their CKHS states for 51 multi-domain proteins in the Munoz dataset.

Title: Supplementary Data 5:

Description: Proteome-wide prediction of CKHS regions.