

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Experimental data for the cell cycle protein peptide tiling SIMBA pooled screens.

File Name: Supplementary Data 2

Description: The cyclin binding motifs identified in the cell cycle protein peptide tiling SIMBA experiment.

File Name: Supplementary Data 3

Description: Experimental data for mutational scanning SIMBA pooled screens.

File Name: Supplementary Data 4

Description: Median SIMBA scores and p-values for mutational scanning SIMBA experiments.

File Name: Supplementary Data 5

Description: DMS data from two distinct libraries (library 1 and library 2) that were tested independently.

File Name: Supplementary Data 6

Description: Combined set of cyclin binding motifs from peptide tiling and mutational scanning SIMBA experiments.