

Table S7. NES prediction for 500 budding yeast proteins.

Prediction method	Number of NESs predicted	Percentage of proteins containing predicted NESs
Traditional consensus	2,941	93
Improved consensus	4,039	96
Wregex ^a	5,268	98
NESsential ^b	2,985	96
NESmapper ^c	801	69

The input 500 proteins were randomly selected from the *Saccharomyces cerevisiae* protein database.

^a Prediction with relaxed PSSM configuration.

^b NESs with the probability values of ≥ 0.1 selected.

^c Prediction with optimized NES profiles. NESs with a score of ≥ 4 were selected.