

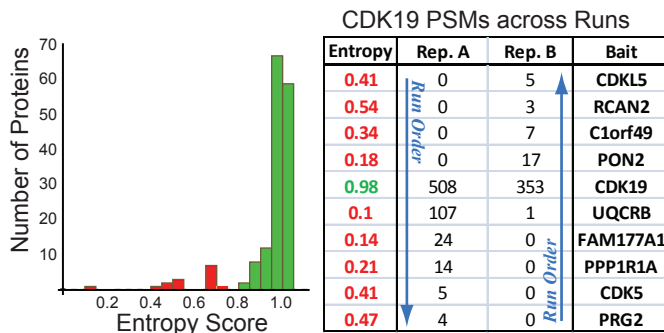
A

No.	Feature	Description
i	NWD Score	Primary CompPASS Score: incorporates total spectral counts, frequency of observation, and reproducibility across replicates
ii	Z Score	Secondary CompPASS Score: Z-score transformation of a protein's average PSM's compared to its abundance in all other IP's.
iii	Plate Z Score	Z-score transformation of a protein's average PSM's compared to its abundance in all other IPs on the same plate.
iv	Entropy	Detects LC carry-over and other inconsistent proteins
v	Unique Peptide Bins	Unique Peptide Count (binned). A single bin is used for 10+ peptides.
vi	Ratio	Fraction of IP's in which a given protein was detected
vii	Total PSMs	Sum of PSM's observed for a given protein across ALL IP's.
viii	Ratio Total PSM's	For a given protein, the ratio of observed PSM's within a single IP to the total PSM's across all IP's.
ix	Unique:Total Peptide Ratio	Ratio of unique to total peptide counts.

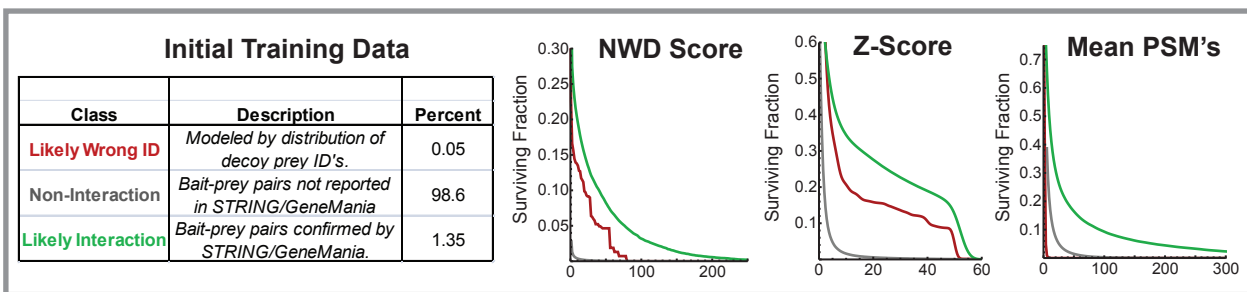
B

$$s_E = p_A \log_2(p_A) + p_B \log_2(p_B)$$

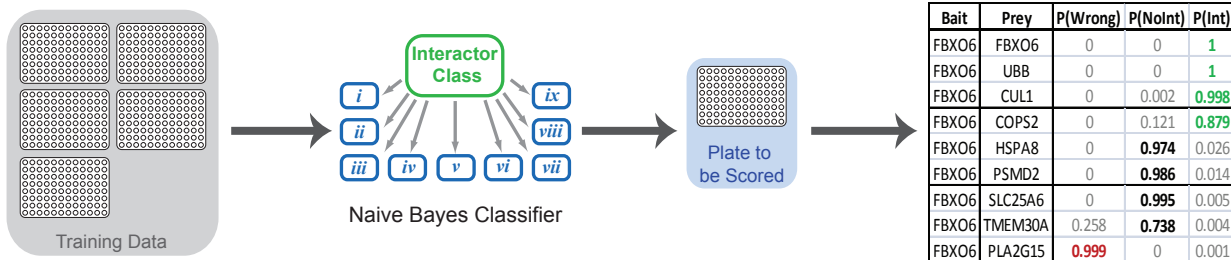
$$P_A = \frac{PSM_A + 0.5}{PSM_A + PSM_B + 1.0}$$



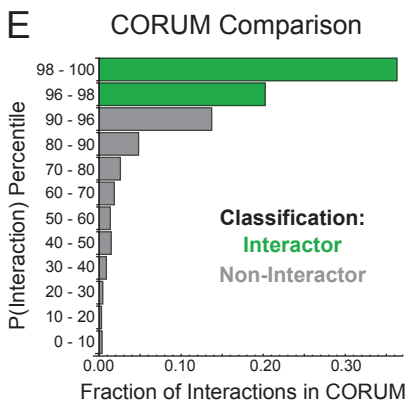
C



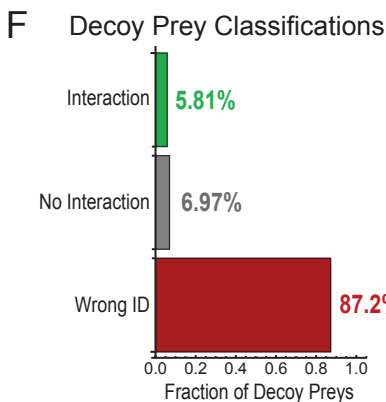
D



E



F



G

