

Supplementary Table ?? : Weights assigned to each feature or feature combination both standardized to have mean 0 and standard deviation 1.

Features	Weights
Mascot score	0.31062
Mascot score * Mascot score	0.05620
Mascot score * Best peptide Mascot score	-0.25288
Mascot score * Number of baits per prey	0.03587
Mascot score * Bidirectionality	-0.24263
Best peptide Mascot score	1.09992
Best peptide Mascot score * Best peptide Mascot score	-0.27573
Best peptide Mascot score * Number of baits per prey	-0.69297
Best peptide Mascot score * Bidirectionality	0.47462
Number of baits per prey	0.30352
Number of baits per prey * Number of baits per prey	0.29595
Number of baits per prey * Bidirectionality	0.00940
Bidirectionality	-0.47109
Number of common neighbors	0.46256
Number of common neighbors * Number of common neighbors	-0.56351
Number of common neighbors * Mascot Score	0.17698
Number of common neighbors * Best peptide Mascot score	0.24390
Number of common neighbors * Number of baits per prey	-0.24248
Number of common neighbors * Bidirectionality	0.31828
Constant offset	-2.73687