

Table S1: Prediction results using the RF model built on the 10-mer lysine peptides

	Spe	Sen	Tot	AUR
hopp+eisenberg	76.51888	75.75758	76.41243	0.858088
cornette	78.16092	77.77778	78.10734	0.848866
kyte+cornette	77.66831	78.78788	77.82486	0.845126
cornette+janin	78.48933	78.78788	78.53107	0.843393
kyte+rose	80.45977	78.78788	80.22599	0.842365
hopp+rose	78.16092	77.77778	78.10734	0.841295
rose	75.69787	75.75758	75.70621	0.841129
rose+janin	75.36946	75.75758	75.42373	0.838342
kyte+janin	77.1757	76.76768	77.11864	0.835473
eisenberg+janin	75.53366	74.74747	75.42373	0.83262
cornette+eisenberg	76.68309	76.76768	76.69492	0.830978
rose+engelman	77.01149	76.76768	76.9774	0.830713
hopp+engelman	75.86207	75.75758	75.84746	0.830041
cornette+rose	77.3399	77.77778	77.40113	0.829825
janin+engelman	75.69787	76.76768	75.84746	0.825861
cornette+engelman	76.68309	75.75758	76.55367	0.823846
eisenberg+engelman	74.87685	75.75758	75	0.822328
kyte+engelman	76.19048	76.76768	76.27119	0.821292
eisenberg	74.71264	76.76768	75	0.820454
hopp+janin	77.83251	78.78788	77.9661	0.819766
eisenberg+rose	74.05583	73.73737	74.0113	0.819111
hopp+cornette	77.66831	78.78788	77.82486	0.819053
janin	74.54844	74.74747	74.57627	0.817759
kyte+hopp	73.89163	73.73737	73.87006	0.814209
engelman	73.39901	74.74747	73.58757	0.806265
kyte+eisenberg	72.7422	73.73737	72.88136	0.803884
kyte	70.77176	71.71717	70.90395	0.794969
hopp	73.07061	73.73737	73.16384	0.788584