

Table S2: The RF models built on the 20-mer lysine peptides

	Spe	Sen	Tot	AUR
rose	79.93779	78.89908	79.78723	0.888075
hopp+cornette	82.42613	81.65138	82.31383	0.884387
rose+janin	79.62675	80.73394	79.78723	0.880527
kyte+hopp	80.40435	80.73394	80.45213	0.87905
eisenberg+janin	80.55988	80.73394	80.58511	0.878373
rose+engelmann	81.02644	79.81651	80.85106	0.877631
hopp+rose	80.09331	80.73394	80.18617	0.877331
cornette+eisenberg	79.16019	79.81651	79.25532	0.876832
hopp+eisenberg	79.78227	80.73394	79.92021	0.875276
kyte+rose	80.24883	80.73394	80.31915	0.874749
kyte+cornette	78.84914	77.98165	78.7234	0.874727
cornette+janin	80.09331	81.65138	80.31915	0.874713
cornette	79.62675	80.73394	79.78723	0.872473
eisenberg+rose	79.00467	79.81651	79.12234	0.872216
kyte+engelmann	81.33748	81.65138	81.38298	0.87166
janin	78.84914	78.89908	78.85638	0.870468
cornette+rose	78.38258	77.98165	78.32447	0.870418
kyte	80.09331	79.81651	80.05319	0.870204
janin+engelmann	78.84914	79.81651	78.98936	0.868763
eisenberg	76.82737	77.06422	76.8617	0.866766
kyte+eisenberg	76.98289	77.06422	76.99468	0.866602
cornette+engelmann	77.44946	77.98165	77.5266	0.865753
hopp+engelmann	79.47123	79.81651	79.52128	0.865232
hopp+janin	80.55988	79.81651	80.45213	0.864704
hopp	79.31571	78.89908	79.25532	0.864276
engelmann	79.16019	77.98165	78.98936	0.861929
eisenberg+engelmann	78.84914	80.73394	79.12234	0.861372
kyte+janin	77.91602	77.06422	77.79255	0.854681