

Table S19: The ANN models with 15 hidden neurons for various proline peptides

	Spe	Sen	Tot	AUR
10-mer				
rose	66.7815	72.1564	68.35883	0.726454
eisenberg+rose	66.97835	65.04739	66.41168	0.708407
janin	66.68307	61.96682	65.29903	0.705475
eisenberg+engelmann	66.87992	65.16588	66.37691	0.703322
cornette+rose	66.83071	65.28436	66.37691	0.702958
rose+engelmann	66.58465	63.62559	65.71627	0.701119
eisenberg	66.7815	60.18957	64.84701	0.692993
cornette	66.68307	61.72986	65.22949	0.690536
hopp+rose	66.7815	64.81043	66.20306	0.690366
eisenberg+janin	66.7815	60.66351	64.98609	0.688628
cornette+eisenberg	66.73228	60.54502	64.91655	0.684622
kyte+janin	66.68307	61.96682	65.29903	0.684593
kyte+eisenberg	66.73228	61.37441	65.15994	0.684081
kyte	66.92913	61.13744	65.22949	0.682757
kyte+rose	66.7815	60.54502	64.95132	0.682473
engelmann	66.48622	58.64929	64.18637	0.681911
cornette+janin	66.58465	63.15166	65.57719	0.681799
janin+engelmann	66.68307	62.44076	65.43811	0.678062
kyte+engelmann	66.68307	59.24171	64.4993	0.677581
hopp+engelmann	66.53543	61.37441	65.02086	0.676952
kyte+cornette	66.63386	59.71564	64.60362	0.676795
rose+janin	66.83071	62.20379	65.47288	0.674835
hopp	66.58465	59.71564	64.56885	0.674375
hopp+janin	66.7815	58.64929	64.39499	0.673293
hopp+eisenberg	66.83071	58.76777	64.46453	0.667188
kyte+hopp	66.87992	56.3981	63.80389	0.666532
hopp+cornette	66.63386	55.21327	63.28234	0.665732
cornette+engelmann	66.63386	56.75355	63.73435	0.654965
20-mer				
rose	66.82331	72.09052	68.42277	0.743363
cornette+rose	66.63534	68.31897	67.1466	0.729495
janin	66.63534	66.81034	66.68848	0.727245
rose+engelmann	66.72932	68.31897	67.21204	0.726019
kyte+rose	66.68233	63.25431	65.64136	0.721736
janin+engelmann	67.01128	67.02586	67.01571	0.717954
kyte+janin	66.68233	65.40948	66.29581	0.71753
eisenberg+rose	66.63534	64.65517	66.03403	0.715725
hopp+eisenberg	66.49436	65.625	66.23037	0.715305
cornette+janin	66.44737	64.00862	65.70681	0.714167
rose+janin	66.68233	65.08621	66.19764	0.713132
hopp+rose	66.72932	66.59483	66.68848	0.712712
hopp+janin	66.68233	66.37931	66.59031	0.711175
eisenberg+engelmann	66.82331	63.25431	65.73953	0.707348
kyte+eisenberg	66.77632	63.57759	65.80497	0.707202
eisenberg	66.72932	62.82328	65.54319	0.702731

eisenberg+janin	66.49436	63.68534	65.64136	0.702431
hopp+engelman	66.82331	62.93103	65.64136	0.700025
kyte+engelman	66.63534	61.53017	65.08508	0.696875
cornette+eisenberg	66.68233	60.88362	64.92147	0.690183
hopp	66.82331	59.80603	64.69241	0.679711
kyte+hopp	66.54135	60.12931	64.59424	0.678994
cornette	66.58835	61.31466	64.98691	0.675569
kyte+cornette	66.58835	58.72845	64.20157	0.672497
kyte	66.72932	57.11207	63.8089	0.671728
engelman	66.58835	57.32759	63.77618	0.662975
cornette+engelman	66.72932	57.32759	63.87435	0.662264
hopp+cornette	66.72932	57.65086	63.97251	0.657389
30-mer				
kyte+eisenberg	66.65138	71.27992	68.06749	0.742979
janin	66.83486	69.09469	67.52627	0.741878
eisenberg+engelman	66.74312	69.92716	67.71729	0.740804
kyte+janin	67.15596	68.47034	67.5581	0.72864
hopp+rose	66.69725	68.26223	67.17606	0.725479
cornette+eisenberg	67.11009	67.63788	67.27157	0.725409
rose	66.78899	67.22164	66.92136	0.723173
eisenberg+janin	66.46789	70.55151	67.71729	0.722337
hopp+eisenberg	66.83486	67.63788	67.08055	0.722166
hopp+janin	66.69725	65.03642	66.18911	0.721908
kyte+rose	66.65138	67.22164	66.82585	0.720942
eisenberg	66.6055	65.66077	66.31646	0.71872
janin+engelman	67.20183	68.67846	67.65361	0.716789
rose+janin	67.24771	64.41207	66.38013	0.708959
cornette+janin	65.91743	67.22164	66.31646	0.707053
cornette+rose	66.74312	63.78772	65.8389	0.70703
eisenberg+rose	66.74312	64.93236	66.18911	0.706429
hopp+engelman	66.55963	67.01353	66.6985	0.706067
kyte+engelman	66.92661	65.24454	66.41197	0.704294
rose+engelman	67.11009	63.47555	65.99809	0.701078
cornette+engelman	66.69725	61.91467	65.234	0.691377
hopp	66.74312	61.91467	65.26584	0.688578
kyte+hopp	66.92661	62.33091	65.52053	0.688153
cornette	66.65138	60.77003	64.85196	0.682113
hopp+cornette	66.88073	61.18626	65.13849	0.675391
kyte	66.78899	61.08221	65.04298	0.671913
engelman	66.78899	55.77523	63.41929	0.664122
kyte+cornette	66.6055	57.23205	63.73766	0.65925