

Table S18: The ANN models of 10 hidden neurons for various proline peptides

	Spe	Sen	Tot	AUR
10-mer				
kyte+rose	66.58465	68.95735	67.28095	0.719885
rose	66.63386	68.00948	67.03755	0.719385
eisenberg	66.48622	66.46919	66.48122	0.711542
eisenberg+janin	66.68307	66.35071	66.58554	0.707912
kyte+janin	67.12598	65.28436	66.58554	0.707703
eisenberg+rose	66.83071	65.04739	66.30737	0.70404
rose+janin	66.73228	64.69194	66.13352	0.699609
janin	66.53543	65.28436	66.16829	0.698532
rose+engelmann	66.7815	64.21801	66.02921	0.698116
cornette+rose	66.7815	63.27014	65.75104	0.698008
hopp+rose	66.68307	63.50711	65.75104	0.696674
cornette+janin	66.63386	65.28436	66.23783	0.695436
eisenberg+engelmann	66.83071	63.50711	65.85535	0.690831
cornette	66.83071	61.01896	65.12517	0.689138
cornette+engelmann	66.68307	62.67773	65.50765	0.689016
kyte+eisenberg	66.7815	61.84834	65.3338	0.686089
cornette+eisenberg	66.48622	62.44076	65.29903	0.683328
kyte+hopp	66.7815	61.25592	65.15994	0.681777
kyte	66.7815	63.74408	65.89013	0.681309
hopp+cornette	66.58465	59.36019	64.46453	0.681227
hopp+eisenberg	66.68307	60.78199	64.95132	0.678678
janin+engelmann	66.73228	61.84834	65.29903	0.677619
hopp	66.68307	59.24171	64.4993	0.676147
engelmann	66.58465	59.00474	64.36022	0.671916
kyte+engelmann	66.7815	60.18957	64.84701	0.669123
hopp+engelmann	66.58465	59.12322	64.39499	0.665381
kyte+cornette	66.87992	55.92417	63.66481	0.660006
hopp+janin	67.02756	57.81991	64.32545	0.654479
20-mer				
rose+janin	66.63534	71.44397	68.09555	0.750628
rose	66.58835	71.33621	68.0301	0.749323
hopp+janin	67.01128	69.71983	67.83377	0.735382
eisenberg+janin	66.68233	69.28879	67.47382	0.734158
janin	67.19925	68.53448	67.60471	0.732719
kyte+rose	66.54135	68.53448	67.1466	0.729963
janin+engelmann	66.58835	67.67241	66.91754	0.729348
eisenberg+rose	66.77632	67.67241	67.04843	0.724174
cornette+rose	66.68233	66.81034	66.7212	0.721315
eisenberg+engelmann	66.68233	65.40948	66.29581	0.718265
rose+engelmann	66.68233	65.625	66.36126	0.717051
kyte+janin	66.63534	65.51724	66.29581	0.715882
hopp+eisenberg	66.68233	64.43966	66.00131	0.712268
cornette+janin	66.68233	64.43966	66.00131	0.712029
hopp+rose	66.82331	65.73276	66.49215	0.70571
eisenberg	66.63534	62.28448	65.31414	0.703996
kyte+engelmann	66.91729	64.87069	66.29581	0.701474
hopp+engelmann	66.68233	62.93103	65.54319	0.700493
kyte+eisenberg	66.63534	64.00862	65.8377	0.696856
cornette+eisenberg	66.58835	60.99138	64.88874	0.691506
kyte+hopp	66.72932	60.12931	64.72513	0.684091
kyte	66.44737	58.94397	64.16885	0.678444
hopp+cornette	66.68233	58.18966	64.1034	0.678443
hopp	66.77632	56.68103	63.71073	0.67682
engelmann	66.35338	59.59052	64.29974	0.674067

cornette	66.72932	57.43534	63.90707	0.673865
kyte+cornette	66.8703	57.5431	64.03796	0.659326
cornette+engelman	66.77632	59.05172	64.43063	0.656041
30-mer				
janin+engelman	66.97248	74.60978	69.30914	0.76492
rose+janin	66.6055	72.11238	68.29035	0.763213
rose	66.78899	73.25702	68.76791	0.762077
eisenberg+janin	67.01835	72.52862	68.70423	0.757021
hopp+janin	66.88073	72.11238	68.48138	0.75642
kyte+janin	66.51376	71.48803	68.03566	0.752134
janin	66.69725	72.00832	68.32219	0.751256
hopp+eisenberg	66.6055	70.75963	67.87647	0.74796
kyte+rose	66.69725	69.30281	67.49443	0.744686
rose+engelman	66.65138	70.86368	67.94015	0.741753
kyte+eisenberg	66.74312	69.61498	67.62178	0.738682
eisenberg+engelman	66.6055	67.95005	67.01687	0.736007
eisenberg	66.74312	67.95005	67.11238	0.729554
hopp+rose	66.65138	66.90947	66.73034	0.729436
cornette+janin	66.46789	67.63788	66.82585	0.727105
eisenberg+rose	66.65138	65.76483	66.38013	0.726995
cornette+rose	66.97248	66.59729	66.85769	0.725217
hopp+engelman	66.46789	66.59729	66.50748	0.719081
cornette+eisenberg	66.69725	67.3257	66.88953	0.718934
kyte+hopp	66.6055	63.5796	65.67972	0.709906
kyte+engelman	66.69725	63.89178	65.8389	0.709122
hopp+cornette	66.69725	64.51613	66.02993	0.702403
hopp	66.74312	62.12279	65.32951	0.700094
cornette+engelman	66.6055	65.14048	66.15727	0.699945
cornette	66.51376	63.5796	65.61605	0.694665
kyte+cornette	66.69725	62.43496	65.39319	0.683478
engelman	66.69725	59.52133	64.50175	0.678789
kyte	66.69725	58.16857	64.08787	0.67642