

Table S17: The ANN models of 5 hidden neurons for various proline peptides

	Spe	Sen	Tot	AUR
10-mer				
eisenberg+engelman	66.73228	68.6019	67.28095	0.726246
rose	66.68307	69.90521	67.62865	0.724594
eisenberg+rose	66.68307	69.3128	67.4548	0.722391
rose+janin	67.07677	70.26066	68.01113	0.722178
janin+engelman	66.33858	70.61611	67.59388	0.719622
rose+engelman	66.73228	70.37915	67.8025	0.715991
kyte+eisenberg	66.68307	68.6019	67.24618	0.71562
engelman	66.53543	68.24645	67.03755	0.715418
kyte+janin	66.68307	68.00948	67.07232	0.714364
eisenberg+janin	66.58465	68.00948	67.00278	0.714338
eisenberg	66.68307	70.7346	67.87204	0.713194
cornette+eisenberg	66.68307	67.77251	67.00278	0.708535
hopp+rose	66.48622	68.00948	66.93324	0.706549
kyte+rose	67.12598	67.65403	67.28095	0.706342
hopp+janin	66.48622	68.83886	67.17663	0.70003
hopp+engelman	66.7815	64.33649	66.06398	0.697573
cornette+janin	66.43701	66.11374	66.34214	0.6958
kyte	65.89567	64.09953	65.36857	0.69406
janin	66.63386	64.69194	66.06398	0.692548
hopp+cornette	66.73228	62.32227	65.43811	0.690755
hopp+eisenberg	66.68307	63.86256	65.85535	0.690345
hopp	64.51772	63.38863	64.18637	0.687477
cornette+engelman	66.73228	63.74408	65.85535	0.687235
kyte+engelman	66.7815	65.16588	66.30737	0.686195
cornette+rose	66.7815	65.40284	66.37691	0.683645
kyte+cornette	66.28937	58.88626	64.11683	0.682497
kyte+hopp	64.32087	60.54502	63.2128	0.661801
cornette	66.87992	53.90995	63.07371	0.654265
20-mer				
rose	66.63534	74.78448	69.10995	0.758248
rose+janin	66.58835	72.95259	68.52094	0.75739
hopp+janin	66.8703	69.07328	67.53927	0.747383
rose+engelman	65.41353	72.19828	67.47382	0.741276
hopp+eisenberg	66.58835	70.90517	67.89921	0.740715
kyte+rose	66.91729	67.67241	67.1466	0.740057
eisenberg+engelman	67.15226	68.21121	67.47382	0.739012
eisenberg+rose	68.23308	66.81034	67.80105	0.736602
eisenberg+janin	67.38722	70.25862	68.25916	0.733399
kyte+janin	66.77632	69.39655	67.57199	0.733217
kyte+eisenberg	67.5282	68.75	67.89921	0.732965
janin+engelman	66.77632	69.28879	67.53927	0.73272
cornette+janin	66.11842	67.99569	66.68848	0.731102
janin	66.77632	66.27155	66.62304	0.730859
hopp+engelman	66.91729	69.39655	67.67016	0.730577
eisenberg	66.35338	69.50431	67.31021	0.728352

cornette+rose	66.63534	69.39655	67.47382	0.726374
hopp+rose	66.63534	67.56466	66.91754	0.725468
cornette+eisenberg	67.4812	67.99569	67.63743	0.72461
kyte+engelman	66.68233	66.59483	66.65576	0.707152
kyte+hopp	67.01128	64.43966	66.23037	0.704432
hopp	66.58835	61.96121	65.18325	0.703897
cornette+engelman	67.57519	63.46983	66.32853	0.695022
hopp+cornette	65.22556	62.28448	64.33246	0.695017
kyte	66.8703	67.02586	66.91754	0.694159
engelman	66.68233	59.59052	64.5288	0.689106
kyte+cornette	66.72932	61.09914	65.01963	0.688713
cornette	66.68233	59.05172	64.36518	0.66287
30-mer				
janin	68.07339	72.84079	69.532	0.77297
rose	66.55963	74.60978	69.0226	0.765372
rose+janin	67.79817	72.42456	69.21363	0.762184
eisenberg+engelman	66.6055	71.59209	68.13117	0.758
kyte+janin	66.69725	70.75963	67.94015	0.756456
rose+engelman	66.69725	70.96774	68.00382	0.7561
janin+engelman	66.78899	71.59209	68.25852	0.754446
eisenberg+rose	66.78899	71.0718	68.09933	0.754102
eisenberg+janin	66.74312	73.04891	68.6724	0.751527
cornette+janin	67.01835	72.52862	68.70423	0.750133
hopp+janin	67.01835	70.75963	68.16301	0.746991
kyte+eisenberg	66.65138	69.30281	67.46259	0.745896
eisenberg	67.01835	67.42976	67.14422	0.744482
hopp+engelman	66.92661	69.71904	67.78096	0.742522
hopp+eisenberg	67.06422	68.78252	67.58994	0.737789
hopp+rose	68.53211	69.51093	68.83158	0.734537
hopp	66.83486	67.53382	67.04871	0.728328
cornette+rose	66.74312	65.76483	66.44381	0.727786
cornette+eisenberg	66.37615	66.28512	66.3483	0.7251
kyte+hopp	67.47706	65.24454	66.79401	0.724905
kyte+rose	66.74312	64.8283	66.15727	0.71951
kyte+engelman	68.11927	62.53902	66.41197	0.711142
cornette+engelman	66.69725	63.05931	65.58421	0.703831
hopp+cornette	66.00917	63.68366	65.29768	0.699065
kyte	65.3211	63.16337	64.66094	0.692963
engelman	66.74312	61.91467	65.26584	0.689869
kyte+cornette	66.88073	60.66597	64.97931	0.677299
cornette	66.83486	58.06452	64.15154	0.668816