



NetSurfP - Protein Surface Accessibility and Secondary Structure Predictions

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# For publication of results, please cite:
# A generic method for assignment of reliability scores applied to solvent accessibility
# predictions.
# Bent Petersen, Thomas Nordahl Petersen, Pernille Andersen, Morten Nielsen and Claus
# Lundegaard
# BMC Structural Biology 2009, 9:51 doi:10.1186/1472-6807-9-51
#
# Column 1: Class assignment - B for buried or E for Exposed - Threshold: 25% exposure,
# but not based on RSA
# Column 2: Amino acid
# Column 3: Sequence name
# Column 4: Amino acid number
# Column 5: Relative Surface Accessibility - RSA
# Column 6: Absolute Surface Accessibility
# Column 7: Z-fit score for RSA prediction
# Column 8: Probability for Alpha-Helix
# Column 9: Probability for Beta-strand
# Column 10: Probability for Coil
E M  sp_Q93VI0_DNA-binding      1      0.739 147.974  -0.264   0.003   0.003   0.994
E A  sp_Q93VI0_DNA-binding      2      0.502  55.331  -1.093   0.056   0.142   0.802
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E A	sp_Q93VI0_DNA-binding	3	0.465	51.287	-1.360	0.064	0.216	0.721
E E	sp_Q93VI0_DNA-binding	4	0.633	110.585	-0.056	0.064	0.216	0.721
B F	sp_Q93VI0_DNA-binding	5	0.226	45.358	-0.643	0.064	0.216	0.721
E D	sp_Q93VI0_DNA-binding	6	0.597	86.013	-0.605	0.113	0.087	0.800
E G	sp_Q93VI0_DNA-binding	7	0.378	29.733	-1.411	0.113	0.087	0.800
E K	sp_Q93VI0_DNA-binding	8	0.510	104.928	0.447	0.216	0.235	0.548
B I	sp_Q93VI0_DNA-binding	9	0.164	30.377	-0.600	0.216	0.235	0.548
E E	sp_Q93VI0_DNA-binding	10	0.564	98.461	0.045	0.307	0.165	0.527
E S	sp_Q93VI0_DNA-binding	11	0.630	73.883	-1.807	0.191	0.086	0.723
E K	sp_Q93VI0_DNA-binding	12	0.559	115.027	0.039	0.053	0.043	0.903
E G	sp_Q93VI0_DNA-binding	13	0.435	34.242	-1.649	0.018	0.047	0.935
B L	sp_Q93VI0_DNA-binding	14	0.121	22.155	-0.508	0.018	0.047	0.935
E N	sp_Q93VI0_DNA-binding	15	0.273	40.026	-0.195	0.018	0.019	0.964
B P	sp_Q93VI0_DNA-binding	16	0.228	32.311	-0.550	0.181	0.016	0.803
B G	sp_Q93VI0_DNA-binding	17	0.143	11.286	-1.414	0.268	0.043	0.689
B L	sp_Q93VI0_DNA-binding	18	0.070	12.799	0.172	0.578	0.229	0.194
B I	sp_Q93VI0_DNA-binding	19	0.046	8.529	0.430	0.614	0.324	0.062
B V	sp_Q93VI0_DNA-binding	20	0.050	7.685	0.474	0.685	0.273	0.043
B L	sp_Q93VI0_DNA-binding	21	0.055	10.052	0.804	0.746	0.197	0.057
B L	sp_Q93VI0_DNA-binding	22	0.075	13.751	0.520	0.807	0.137	0.056
B V	sp_Q93VI0_DNA-binding	23	0.099	15.232	0.273	0.870	0.077	0.053
B I	sp_Q93VI0_DNA-binding	24	0.111	20.627	-0.274	0.831	0.044	0.125
B G	sp_Q93VI0_DNA-binding	25	0.173	13.591	-1.257	0.802	0.014	0.185
B G	sp_Q93VI0_DNA-binding	26	0.187	14.693	-1.378	0.782	0.003	0.216
B L	sp_Q93VI0_DNA-binding	27	0.188	34.404	-0.495	0.858	0.002	0.139
B L	sp_Q93VI0_DNA-binding	28	0.132	24.114	0.053	0.938	0.007	0.055
B L	sp_Q93VI0_DNA-binding	29	0.102	18.749	0.435	0.938	0.007	0.055
B T	sp_Q93VI0_DNA-binding	30	0.113	15.618	0.313	0.938	0.007	0.055

B F	sp_Q93VI0_DNA-binding	31	0.096	19.207	0.354	0.938	0.007	0.055
B L	sp_Q93VI0_DNA-binding	32	0.096	17.504	0.290	0.938	0.007	0.055
B V	sp_Q93VI0_DNA-binding	33	0.096	14.755	-0.014	0.879	0.010	0.111
B G	sp_Q93VI0_DNA-binding	34	0.094	7.382	-0.989	0.879	0.010	0.111
B N	sp_Q93VI0_DNA-binding	35	0.128	18.725	-0.655	0.858	0.002	0.139
B F	sp_Q93VI0_DNA-binding	36	0.088	17.702	0.070	0.879	0.010	0.111
B I	sp_Q93VI0_DNA-binding	37	0.070	13.006	-0.072	0.879	0.010	0.111
B L	sp_Q93VI0_DNA-binding	38	0.046	8.478	0.283	0.911	0.033	0.057
B Y	sp_Q93VI0_DNA-binding	39	0.096	20.408	0.700	0.911	0.033	0.057
B T	sp_Q93VI0_DNA-binding	40	0.132	18.322	0.386	0.879	0.010	0.111
B Y	sp_Q93VI0_DNA-binding	41	0.147	31.499	0.536	0.879	0.010	0.111
B A	sp_Q93VI0_DNA-binding	42	0.115	12.695	-1.271	0.802	0.014	0.185
E Q	sp_Q93VI0_DNA-binding	43	0.455	81.245	0.081	0.622	0.015	0.363
E K	sp_Q93VI0_DNA-binding	44	0.638	131.319	-0.097	0.339	0.016	0.645
E N	sp_Q93VI0_DNA-binding	45	0.627	91.764	-1.145	0.109	0.005	0.886
B L	sp_Q93VI0_DNA-binding	46	0.119	21.826	0.080	0.016	0.005	0.979
E P	sp_Q93VI0_DNA-binding	47	0.415	58.818	0.299	0.016	0.005	0.979
E P	sp_Q93VI0_DNA-binding	48	0.408	57.952	-1.063	0.058	0.017	0.925
E R	sp_Q93VI0_DNA-binding	49	0.476	108.889	-0.310	0.058	0.017	0.925
E K	sp_Q93VI0_DNA-binding	50	0.588	120.910	-0.309	0.058	0.017	0.925
E K	sp_Q93VI0_DNA-binding	51	0.639	131.381	0.053	0.058	0.017	0.925
E K	sp_Q93VI0_DNA-binding	52	0.516	106.100	0.110	0.058	0.017	0.925
E P	sp_Q93VI0_DNA-binding	53	0.421	59.740	-0.685	0.115	0.016	0.868
B V	sp_Q93VI0_DNA-binding	54	0.206	31.616	-1.209	0.257	0.016	0.727
E S	sp_Q93VI0_DNA-binding	55	0.444	52.084	-0.488	0.430	0.016	0.555
E K	sp_Q93VI0_DNA-binding	56	0.548	112.826	0.182	0.694	0.003	0.303
E K	sp_Q93VI0_DNA-binding	57	0.567	116.735	0.186	0.717	0.014	0.269
E K	sp_Q93VI0_DNA-binding	58	0.511	105.195	0.477	0.802	0.014	0.185

B M	sp_Q93VI0_DNA-binding	59	0.204	40.740	-0.201	0.717	0.014	0.269
E K	sp_Q93VI0_DNA-binding	60	0.469	96.453	0.356	0.802	0.014	0.185
E K	sp_Q93VI0_DNA-binding	61	0.480	98.818	0.244	0.858	0.002	0.139
E E	sp_Q93VI0_DNA-binding	62	0.565	98.775	0.219	0.923	0.002	0.076
E K	sp_Q93VI0_DNA-binding	63	0.416	85.674	0.655	0.858	0.002	0.139
B M	sp_Q93VI0_DNA-binding	64	0.137	27.394	0.114	0.858	0.002	0.139
E K	sp_Q93VI0_DNA-binding	65	0.593	121.918	0.425	0.782	0.003	0.216
E Q	sp_Q93VI0_DNA-binding	66	0.642	114.751	0.654	0.502	0.002	0.495
E G	sp_Q93VI0_DNA-binding	67	0.519	40.869	-1.603	0.246	0.004	0.750
B V	sp_Q93VI0_DNA-binding	68	0.195	29.910	-0.090	0.058	0.017	0.925
E Q	sp_Q93VI0_DNA-binding	69	0.621	110.911	0.025	0.058	0.017	0.925
E V	sp_Q93VI0_DNA-binding	70	0.283	43.497	-0.278	0.018	0.019	0.964
E P	sp_Q93VI0_DNA-binding	71	0.542	76.881	-1.169	0.016	0.005	0.979
E G	sp_Q93VI0_DNA-binding	72	0.713	56.097	-2.476	0.003	0.003	0.994
E E	sp_Q93VI0_DNA-binding	73	0.910	158.960	0.396	0.003	0.003	0.994