

Size Compatibility Matrix (SCM)

	Gly, G	Ala, A	Ser, S	Pro, P	Val, V	Thr, T	Cys, C	Leu, L	Ile, I	Asn, N	Asp, D	Gln, Q	Lys, K	Glu, E	Met, M	His, H	Phe, F	Arg, R	Tyr, Y	Trp, W
MW	57	71	87	97	99	101	103	113	113	114	115	128	128	129	131	137	147	156	163	186

	Gly, G	Ala, A	Ser, S	Pro, P	Val, V	Thr, T	Cys, C	Leu, L	Ile, I	Asn, N	Asp, D	Gln, Q	Lys, K	Glu, E	Met, M	His, H	Phe, F	Arg, R	Tyr, Y	Trp, W
Gly, G	2.689	4.659	6.911	8.319	8.6	8.881	9.163	10.57	10.57	10.71	10.85	12.68	12.68	12.82	13.1	13.95	15.36	16.62	17.61	19.16
Ala, A	4.659	6.63	8.881	10.29	10.57	10.85	11.13	12.54	12.54	12.68	12.82	14.65	14.65	14.79	15.07	15.92	17.33	18.59	19.58	17.19
Ser, S	6.911	8.881	11.13	12.54	12.82	13.1	13.39	14.79	14.79	14.93	15.07	16.9	16.9	17.04	17.33	18.17	19.58	19.16	18.17	14.93
Pro, P	8.319	10.29	12.54	13.95	14.23	14.51	14.79	16.2	16.2	16.34	16.48	18.31	18.31	18.45	18.73	19.58	19.01	17.75	16.76	13.53
Val, V	8.6	10.57	12.82	14.23	14.51	14.79	15.07	16.48	16.48	16.62	16.76	18.59	18.59	18.73	19.01	19.86	18.73	17.47	16.48	13.24
Thr, T	8.881	10.85	13.1	14.51	14.79	15.07	15.36	16.76	16.76	16.9	17.04	18.87	18.87	19.01	19.3	19.86	18.45	17.19	16.2	12.96
Cys, C	9.163	11.13	13.39	14.79	15.07	15.36	15.64	17.04	17.04	17.19	17.33	19.16	19.16	19.3	19.58	19.58	18.17	16.9	15.92	12.68
Leu, L	10.57	12.54	14.79	16.2	16.48	16.76	17.04	18.45	18.45	18.59	18.73	19.44	19.44	19.3	19.01	18.17	16.76	15.5	14.51	11.27
Ile, I	10.57	12.54	14.79	16.2	16.48	16.76	17.04	18.45	18.45	18.59	18.73	19.44	19.44	19.3	19.01	18.17	16.76	15.5	14.51	11.27
Asn, N	10.71	12.68	14.93	16.34	16.62	16.9	17.19	18.59	18.59	18.73	18.87	19.3	19.3	19.16	18.87	18.03	16.62	15.36	14.37	11.13
Asp, D	10.85	12.82	15.07	16.48	16.76	17.04	17.33	18.73	18.73	18.87	19.01	19.16	19.16	19.01	18.73	17.89	16.48	15.21	14.23	10.99
Gln, Q	12.68	14.65	16.9	18.31	18.59	18.87	19.16	19.44	19.44	19.3	19.16	17.33	17.33	17.19	16.9	16.06	14.65	13.39	12.4	9.163
Lys, K	12.68	14.65	16.9	18.31	18.59	18.87	19.16	19.44	19.44	19.3	19.16	17.33	17.33	17.19	16.9	16.06	14.65	13.39	12.4	9.163
Glu, E	12.82	14.79	17.04	18.45	18.73	19.01	19.3	19.3	19.3	19.16	19.01	17.19	17.19	17.04	16.76	15.92	14.51	13.24	12.26	9.022
Met, M	13.1	15.07	17.33	18.73	19.01	19.3	19.58	19.01	19.01	18.87	18.73	16.9	16.9	16.76	16.48	15.64	14.23	12.96	11.98	8.741
His, H	13.95	15.92	18.17	19.58	19.86	19.86	19.58	18.17	18.17	18.03	17.89	16.06	16.06	15.92	15.64	14.79	13.39	12.12	11.13	7.896
Phe, F	15.36	17.33	19.58	19.01	18.73	18.45	18.17	16.76	16.76	16.62	16.48	14.65	14.65	14.51	14.23	13.39	11.98	10.71	9.726	6.489
Arg, R	16.62	18.59	19.16	17.75	17.47	17.19	16.9	15.5	15.5	15.36	15.21	13.39	13.39	13.24	12.96	12.12	10.71	9.444	8.459	5.222
Tyr, Y	17.61	19.58	18.17	16.76	16.48	16.2	15.92	14.51	14.51	14.37	14.23	12.4	12.4	12.26	11.98	11.13	9.726	8.459	7.474	4.237
Trp, W	19.16	17.19	14.93	13.53	13.24	12.96	12.68	11.27	11.27	11.13	10.99	9.163	9.163	9.022	8.741	7.896	6.489	5.222	4.237	1