

Table 9. Difference between composition-specific and standard BLOSUM-62 scores

A	-15	-55	-116	-76	-45	-60	-73	-23	-98	-54	-45	-77	-39	-92	-34	-52	-31	-79	-102	-34
R	4	-9	-83	-43	-20	-26	-40	2	-66	-27	-16	-40	-9	-61	-5	-25	-3	-49	-71	-8
N	48	22	-26	6	24	16	3	50	-20	15	25	-2	33	-19	38	21	44	-8	-28	34
D	19	-8	-62	-12	-5	-12	-20	20	-51	-11	-3	-30	4	-47	12	-8	13	-37	-58	6
C	21	-14	-74	-34	19	-20	-35	15	-57	-10	-1	-37	5	-47	6	-11	12	-35	-59	9
Q	23	-2	-65	-24	-3	1	-19	21	-46	-9	1	-24	11	-45	14	-6	15	-30	-54	8
E	22	-5	-66	-20	-6	-7	-14	19	-48	-12	-1	-27	6	-46	12	-8	14	-34	-56	7
G	-25	-59	-115	-77	-52	-64	-77	-14	-102	-61	-51	-80	-45	-94	-38	-57	-37	-82	-106	-42
H	54	27	-31	6	30	23	9	52	2	21	33	4	40	-9	44	25	46	1	-14	39
I	26	-6	-67	-25	5	-11	-26	21	-50	9	13	-28	17	-35	14	-7	20	-28	-50	23
L	23	-7	-70	-29	2	-13	-27	18	-51	1	15	-31	17	-35	12	-10	16	-29	-51	16
K	43	20	-45	-5	17	13	-2	41	-29	11	20	2	28	-25	33	14	36	-13	-34	29
M	30	1	-62	-23	8	-4	-20	25	-44	5	18	-23	31	-31	18	-2	23	-22	-46	22
F	62	34	-29	12	41	26	13	61	-7	39	51	9	55	17	52	32	56	19	-1	55
P	-31	-62	-123	-80	-56	-66	-80	-34	-106	-64	-54	-84	-48	-99	-23	-61	-39	-88	-110	-44
S	19	-14	-72	-32	-6	-18	-32	15	-57	-17	-8	-35	0	-51	7	-7	12	-41	-62	2
T	11	-21	-78	-41	-12	-26	-39	6	-65	-19	-11	-42	-3	-57	0	-17	12	-46	-67	-1
W	60	31	-32	7	39	26	10	59	-12	31	42	6	49	4	48	28	52	37	-5	47
Y	52	23	-38	0	29	17	2	48	-13	23	34	-1	39	-1	40	20	44	9	-5	41
V	13	-21	-83	-42	-10	-28	-41	6	-67	-11	-6	-44	0	-52	-1	-22	4	-46	-65	9
	A	R	N	D	C	Q	E	G	H	I	L	K	M	F	P	S	T	W	Y	V

The difference between the substitution matrices shown in Tables 7 and 8.