

Additional table 6: Average q -score $\bar{q}$ for the SABmark alignments, split between superfamily alignments and so-called "twilight zone" alignments. Matrices with the highest performances are highlighted in bold.

	Matrix	average Q -score
Twilight Zone	BLOSUM50	0.3913
	BLOSUM62	0.3914
	PAM250	0.3710
	PFASUM31	0.4034
	PFASUM43	0.4002
	PFASUM60	0.4048
	VTML160	0.3997
	VTML200	0.3885
Superfamilies	BLOSUM50	0.6342
	BLOSUM62	0.6343
	PAM250	0.6115
	PFASUM31	0.6417
	PFASUM43	0.6378
	PFASUM60	0.6407
	VTML160	0.6379
	VTML200	0.6381