

Ala	4																				
Arg	-1	5																			
Asn	-2	0	6																		
Asp	-2	-2	1	6																	
Cys	0	-3	-3	-3	9																
Gln	-1	1	0	0	-3	5															
Glu	-1	0	0	2	-4	2	5														
Gly	0	-2	0	-1	-3	-2	-2	6													
His	-2	0	1	-1	-3	0	0	-2	8												
Ile	-1	-3	-3	-3	-1	-3	-3	-4	-3	4											
Leu	-1	-2	-3	-4	-1	-2	-3	-4	-3	2	4										
Lys	-1	2	0	-1	-3	1	1	-2	-1	-3	-2	5									
Met	-1	-1	-2	-3	-1	0	-2	-3	-2	1	2	-1	5								
Phe	-2	-3	-3	-3	-2	-3	-3	-3	-1	0	0	-3	0	6							
Pro	-1	-2	-2	-1	-3	-1	-1	-2	-2	-3	-3	-1	-2	-4	7						
Ser	1	-1	1	0	-1	0	0	0	-1	-2	-2	0	-1	-2	-1	4					
Thr	0	-1	0	-1	-1	-1	-1	-2	-2	-1	-1	-1	-1	-2	-1	1	5				
Trp	-3	-3	-4	-4	-2	-2	-3	-2	-2	-3	-2	-3	-1	1	-4	-3	-2	11			
Tyr	-2	-2	-2	-3	-2	-1	-2	-3	2	-1	-1	-2	-1	3	-3	-2	-2	2	7		
Val	0	-3	-3	-3	-1	-2	-2	-3	-3	3	1	-2	1	-1	-2	-2	0	-3	-1	4	
	Ala	Arg	Asn	Asp	Cys	Gln	Glu	Gly	His	Ile	Leu	Lys	Met	Phe	Pro	Ser	Thr	Trp	Tyr	Val	