



type 3

type 1

		60		70		80		90																														
2za7_A/	- - -	D	V	A	L	E	G	V	C	H	F	F	R	E	L	A	E	E	K	R	E	G	A	E	R	L	L	K	M	Q	N	Q	R	G	G	R	A	
1bg7_A/	- - -	D	I	A	L	H	N	V	A	K	F	F	K	E	Q	S	H	E	E	R	E	H	A	E	K	L	M	K	D	Q	N	K	R	G	G	R	I	
1r03_A/	- - -	D	V	A	L	N	N	F	S	R	Y	F	L	H	Q	S	R	E	E	T	E	H	A	E	K	L	M	R	L	Q	N	Q	R	G	G	R	I	
1z6o_A/	-NYQ	T	N	R	A	G	F	S	K	L	F	K	K	L	S	D	E	A	W	S	K	T	I	D	I	I	K	H	V	T	K	R	G	D	K	M		
1z6o_M/	-KDV	V	N	R	P	G	F	A	Q	L	F	F	D	A	A	S	E	E	R	E	H	A	M	K	L	I	E	Y	L	L	M	R	G	E	L	T		
1eum_A/	- - -	Y	H	T	F	E	G	A	A	A	F	L	R	R	H	A	Q	E	E	M	T	H	M	Q	R	L	F	D	Y	L	T	D	T	G	N	L	P	
1krq_A/	- - -	E	N	S	L	D	G	A	G	A	F	L	F	A	H	A	S	E	E	S	D	H	A	K	K	L	I	T	Y	L	N	E	T	D	S	H	V	
3e6s_A/	- - -	Q	N	D	W	E	G	M	A	A	Y	M	L	A	E	S	A	E	E	R	E	H	G	L	G	F	V	D	F	A	N	K	R	N	I	P	I	
2jd7_A/	- - -	D	L	G	L	E	G	F	A	N	W	M	K	A	Q	A	E	E	I	G	H	A	L	R	F	Y	N	Y	I	Y	D	R	N	G	R	V		
1vlg_A/	- - -	A	E	G	F	K	G	F	A	H	W	M	K	K	Q	A	Q	E	E	L	T	H	A	M	K	F	Y	E	Y	I	Y	E	R	G	G	R	V	
1otk_A/	- - -	G	H	A	P	E	L	E	I	D	L	A	L	A	N	I	G	L	D	L	L	G	Q	A	R	N	F	L	S	Y	A	A	E	L	A	G	E	
1oqu_A/	- - -	P	D	A	E	T	M	H	E	E	A	V	Y	T	N	I	A	F	M	E	S	V	H	A	K	S	Y	S	N	I	F	M	-	T	L	A	S	T
1r2f_A/	- - -	A	D	A	I	T	P	H	E	E	A	V	L	S	N	I	S	F	M	E	A	V	H	A	R	S	Y	S	S	I	F	S	-	T	L	C	Q	T
1uzr_A/	- - -	P	D	A	L	T	P	H	E	E	A	V	L	T	N	I	A	F	M	E	S	V	H	A	K	S	Y	S	Q	I	F	S	-	T	L	C	S	T
1mxr_A/	- - - -	L	P	P	E	L	E	T	W	V	E	T	W	A	F	S	E	T	I	H	S	R	S	Y	T	H	I	I	R	N	I	V	N	D	P			

type 3

type 1

2za7_A/	--	V	N	V	L	N	L	R	S	V	V	S	N	V	S	S	V	L	S	N	V	V	S	V	L	S	V	V	V	C	V	N	N	R	H	D	R	
1bg7_A/	--	V	N	V	L	N	L	S	S	S	V	V	S	N	V	S	S	V	V	S	N	V	V	S	V	L	S	V	V	V	C	V	N	N	R	H	D	H
1r03_A/	--	V	N	V	L	N	L	S	N	V	V	S	N	V	S	S	V	V	S	N	V	V	S	V	L	S	V	V	V	C	V	N	N	R	H	D	H	
1z6o_A/	-DP	V	N	V	Q	N	L	S	N	V	V	S	N	V	S	S	V	L	S	N	V	S	S	V	V	S	Q	V	V	S	V	N	N	R	H	H	R	
1z6o_M/	-DP	V	N	V	L	N	L	S	N	V	V	S	N	V	S	S	V	V	S	V	V	V	S	V	V	S	V	V	V	C	V	V	S	V	P	D	P	
1eum_A	--	V	V	V	L	P	L	S	S	L	L	S	N	V	V	S	V	V	S	V	V	V	S	V	L	S	C	V	V	C	V	V	V	V	H	H	R	
1krq_A/	--	V	V	V	L	N	L	S	N	L	L	S	N	V	V	S	V	V	S	N	V	V	S	V	L	S	V	V	V	C	V	V	V	V	H	D	R	
3e6s_A/	--	V	V	V	L	N	Q	S	N	L	V	S	N	V	S	S	V	V	S	N	V	V	S	V	L	S	V	V	L	C	V	V	V	V	H	P	H	
2jd7_A/	--	V	V	V	L	N	L	S	S	L	L	S	N	L	R	S	C	V	P	L	V	S	V	L	S	V	V	V	V	C	V	V	V	V	H	D	R	
1vlg_A/	--	V	V	V	L	N	L	S	S	L	L	S	N	V	S	N	V	V	S	N	V	V	S	V	L	S	Q	V	V	C	V	V	N	V	H	H	H	
1otk_A/	--P	P	D	P	D	P	V	V	N	V	V	S	N	V	L	S	V	L	S	N	V	L	S	Q	L	S	Q	Q	V	S	C	V	V	V	V	H	D	
1oqu_A/	--V	V	D	P	D	P	S	S	N	V	S	S	P	S	S	S	V	V	S	V	R	S	V	N	S	V	V	N	C	V	-	N	H	H	D	P		
1r2f_A/	--V	V	D	P	D	P	S	S	N	V	S	S	P	S	S	S	V	V	S	V	R	S	V	N	S	V	V	N	C	V	-	N	H	H	D	P		
1uzr_A/	--V	V	D	P	D	P	S	S	N	V	S	S	N	S	S	S	V	V	S	V	R	S	V	N	S	V	V	N	C	V	-	N	H	H	D	P		
1mxr_A	--	-	-	-	N	S	N	S	S	N	V	S	S	N	S	S	R	S	V	V	S	V	R	L	N	V	N	S	V	V	N	Q	V	N	R	D	P	S