

23	--LFVNITFVRNAVAKGAV	C	LDGSPPAYHLDRGSGTGINSWLIQLE	GGGW	C	NNVTN	C	VSRMHT--RLGSS	AtPAE8		
85	LNEDLRLHLLLN---	TSVT	C	NDGSPAGYYLKESRGS--RRWLLFLE	GGWY	C	FNREN	C	DSRYDTMRRLMSS	4UYU_A	
89	KKMVENLAFSAILS	SNKKQYNPDFYNWNRVKVRY	C	DGASFTGD	V	EAVNPATNLHFRGARVWLAVMQELLAK	AtPAE8				
150	RDWPRTRTGTGILSSQPEENPYWWNANMVFI	PY	C	-----SSD	V	WSGASSKEYAFMGALIIQEVVRELLGR	4UYU_A				
159	GMINAENAVLSGC	S	AGGLASLMHCDSFRALLPM---	GTKVKCLSDAGF	F	LNTRDVSGVQYIKTY--FED	AtPAE8				
219	GLSGAKVLLLAGS	S	AGGTGVLLNVDRVAEQLEKLGYPAIQVRGLADSGW	F	LDNKQYRHTD	C	VDTIT	C	APT	4UYU_A	
223	VVTLHGSAK---	NLPR	S	CTSRLTP---AM	C	FF	PQYVARQIRTP	PL	FILNAAY	AtPAE8	
289	EA	I	RRGIRYWNGVVPER	C	RRQFQEGEEWN	C	FF	GYKVYPTLRSPV	FV	QWLF	
										EAQLTV-----DNVHL	4UYU_A
287	WQSCQLDIKNCHPSQIKVMQDFRLEFLSAVIGLGRSSSRGMFIDS	C	YT	H	C	QTETQTSWFWQDSPILNRTT	AtPAE8				
357	QEGLRLYIQNLGRELRLHTLKDVPASFAPA-----	CL	S	H	---	EIIIRSHWTDVQV-KGTS	4UYU_A				
357	IAKAVGDWVYDRTLQKID-	C	PYP-CNPT	C	HH----	RVFTPLDAPPI-----*	AtPAE8				
407	LPRALH	C	WDRSL	C	PVHLVDS	C	PWPHCNPS	C	PT-----*	4UYU_A	