



APcyanase	1	MAELPPAKR ARVDDEKATLVARLLAAKEASGKS SFDEIAAALGLTNA YTANLFFNQAQLKPGTSEKLT AI IVPGISPEDLRAMQR	83	N-terminal domain
ECcyanase	1	MIQSQINRNIRLD LADAILLSKAKK LSFAE IADGTGLAEAFVTAALLG Q QALPADAARLVGA KL-DLDEDAILLQM	77	
APcyanase	84	A-PMRGFGPAILQ EPNVYRTYEAVTHYGEAIKALINEQC GDGIMS AIDFYLOV GTTTGKKG EKR VVTMN GKFLPHIEQVAADNTVPGPRD	173	C-terminal domain
ECcyanase	78	IPLRGCIDDRIPTD PTMYRFYEMLQVY GTTLKALVHEK FGDGI SAINFKLOV KKVADPE GGE FAVITLDGKYL PTKPF	156	

α -helix
 β -sheet