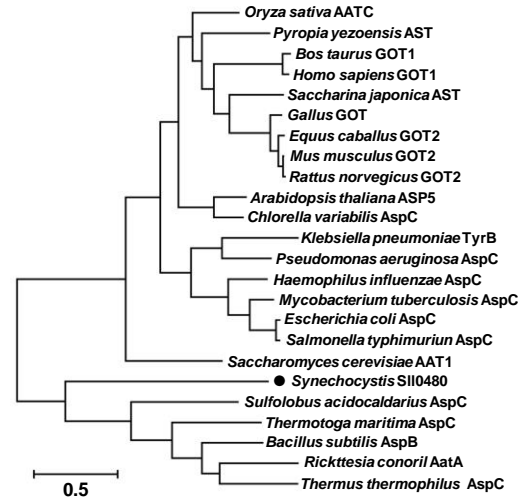


A



B

<i>Synechocystis</i> SII0480	AFTTANPNAQV I K L G I G D V T E P L P L A C R Q A M A - K A	58
<i>Chlorella variabilis</i> AspC	EAFKRD TNSKKMNLGVGAYRDDNGKPYVLP SVRKA	
<i>Escherichia coli</i> AspC	EAFKRD TNSKKMNLGVGAYRDDNGKPYVLP SVRKA	
<i>Bacillus subtilis</i> AspB	EAFKRD TNSKKMNLGVGAYRDDNGKSYV LNCV RKA	
<i>Rickettsia conorii</i> AatA	DLFRADERPGK I N L G I G V Y K D E T G K T P V L T S V K K	
<i>Sulfolobus acidocaldarius</i> AspC	EAYKRD TNSKKMNLGVGAYRDDNGKPYVLP SVRKA	
<i>Mycobacterium tuberculosis</i> AspC	EAFKAD TNGMKLNLGVGAYRTEELQP YV LNVV KKA	
<i>Saccharomyces cerevisiae</i> AAT1	RSVQKEKGIKIVNFGIGQP - - - - DFPTFKIRDE	
<i>Arabidopsis thaliana</i> ASP5	DSFRQDPRENK I N L G I G V Y K D E T G K T P V L S C V K K A	
<i>Oryza sativa</i> AATC	DAFNKDKDPKKVSLGVGAYRGDDGKPFV LNTV RKA	
<i>Equus caballus</i> GOT2	SAFLADEAPNK I S L G V G A F R T D E G K P Y V L P V V K R V	
<i>Homo sapiens</i> GOT1	EAFKSETRENK I N L G I G V Y K D A Q G T T P I M H A V K E A	
	109	176
<i>Synechocystis</i> SII0480	CDTGN I L D I F G K D N T	KKVDL I Y L C F P N N P T G A T
<i>Chlorella variabilis</i> AspC	RVGASFLQRFFKFSR	QSVLL LHACAHN - P T G V D
<i>Escherichia coli</i> AspC	RVGASFLQRFFKFSR	QSVLL LHACAHN - P T G V D
<i>Bacillus subtilis</i> AspB	RVGANFLQRFFKFSR	KS I I L L H A C A H N - P T G V D
<i>Rickettsia conorii</i> AatA	RVAADF LAKNTSVKR	GDV V L F H G C C H N - P T G I D
<i>Sulfolobus acidocaldarius</i> AspC	RIGANFLQRFFKFSR	QS I I L L H A C A H N - P T G V D
<i>Mycobacterium tuberculosis</i> AspC	RLAAL I E R Y F P G A K	GS F I L L H G C A H N - P T G I D
<i>Saccharomyces cerevisiae</i> AAT1	SLYLAFLLYVNP GDE	- - - M V V L N N P H N - P T G M V
<i>Arabidopsis thaliana</i> ASP5	R I A A D F I A K Q T S A K R	GDV I L L H G C C H N - P T G I D
<i>Oryza sativa</i> AATC	RVAGDLFARFRGAGS	ES I F L L H A C A H N - P T G V D
<i>Equus caballus</i> GOT2	RVG I T F L G R F L R T S G	GSV I V L H G C A H N - P T G A D
<i>Homo sapiens</i> GOT1	R I A A E F I K R Q T K A Q N	GDV V L L H G C C H N - P T G I D

C

