

SatA NMR structureEE...LL...EE.L...EEE-----TT-----	EEE..HHHHH		
Site A Ligands	9 14	32 36			
<i>S. POC 7942</i>	MTSTTLVRCACEPCLCNVDPKAIQR	-----NG	-----LYKQSEACADG	HTGGSKGQGHG	---CNCHG
<i>S. vulcerus</i>	MTTVTQMPACPHLCIVSLNDAINV	-----DG	-----KPKUSEVCAAGT	C-KENSQGGHAG	---GGGSA
<i>S. WH8120</i>	MSTAIRACPRPTCMVAEESAIVL	-----QG	-----KPFQSTSCSTG	H-ANNEPCHGEGSCGCKQGE	
<i>Anabaena POC 7120</i>	MTTVQMPACPSLCLISVEDAINK	-----EG	-----KYKUSEGCABG	H-KTIKQGNHNG	---GGC
<i>N. magnetotacticum</i>	MASVDVENVRCAPDQVCVVSLSKAVKR	-----DD	-----KSPQDDECAEG	H-PDHAGCDHAG	---CTCHG
<i>P. aeruginosa</i>	MNSETACPRPTCQPG-ADAVR	-----DG	-----QHVOCAACAGG	H-PQGEPCRDAD	---CPC
<i>P. putida KT2440</i>	MNDQRCACTHOSCTVD-ANALQR	-----DG	-----KANOCEACASG	HRRKGEPCRMQD	---CHC
<i>P. fluorescens</i>	MADRRDCPGRCRTIKEGEHSYV	-----AHG	-----KHVOCEACAHH	H-KSGEECSGAG	---CQCAHPE
<i>E. coli (ydaE)</i>	MTKKIRLAYHLCKKDVEESKAIE	RMLHFMRGILSKDEBRK	KYKUSEACAER	DOMAHEL	
<i>L. pneumophila</i>	MTKKIRLAYHLCKKDVEESKAIE	RMLHFMRGILSKDEBRK	KYKUSEACAER	DOMAHEL	
<i>S. typhi</i>	MTKKIRLAYHLCKKIEESKIITR	RPLHFMRGVIPTTEMKK	KYKSEICAEK	DOMAHEL	
<i>S. typhimurium</i>	MLK--QGGY--GRKSIDCKEVKNTLL	YINGSQLARKEKENC	SROCAEY	DOMAHE8	
<i>K. pneumophila</i>	-----KGGY--GRKAIE-GKPVVSTLL	YLOGNQLARKEKENC	SERCASY	DOMAHE	