

# Bacteroidetes and Chlorobi Signature (ATP Synthase $\alpha$ )

Crit. Rev. Microbiol. 30 (2004) 123-143

		295		346
<b>Bacteroidetes and Chlorobi</b>	Cyt. hutchinsonii	23136160	GDVFYLSRLLERAAKINKSD EIAAAMNDLPESLKGIVK GGGSLTALPIIET	
	Bact. thetaiotaomicron	29346128	--I-----I-EE -V-RE-----V-----	
	Bact. fragilis	Sanger817	--I-----INQE -V-RE-----K-----	
	Tan. forsythensis	TIGR203275	--I-----ISQQ DV-EQ-----V-K-----	
	Pre. intermedia	TIGR246198	-----R--DQQ ---EQ-----CM-H-----	
<b>Other Proteobacteria</b>	Cb. tepidum	21674843	-----TDDI -V-KK-----P--PL-----V-----	
	Bru. melitensis	17986533	-----L-DEN -----L-----V-----	
	C. crescentus	16127679	-----L-EDN -----S-----	
	Ri. prowazekii	15604635	-----MS-EK -----	
	A. tumefaciens	15889879	-----LSDM -----A-----V-----	
	Rho. rubrum	114525	-----L-DDN -----A-----V-----	
	Geo. metallireducens	23054149	-----LSDDC -----A-----	
	Des. vulgaris	5811566	-----V-D-L -----A-----	
	Myx. xanthus	584805	----V-----LSDDE -----A-----	
	Hel. pylori	18075728	----I-----LCDEK -----A-----V-----	
<b><math>\beta, \gamma</math>-Proteobacteria</b>	Camp. jejuni	13509079	-----S-L-DEL -----A-----	
	E. coli	41030	-----MLQRV-AEY+VE-FTKGVEVKG KT-----	
	X. fastidiosa	22997185	-----RVSEEY+VEKFTQGEVKG KT-----	
	Pas. multocida	15603357	-----SRV-EEY+VERFTNGEVKG KT-----	
	Buch. aphidicola	2827020	-----SRVS-EH+VKNVTGKITG KT-----	
	Nit. europaea	22954244	-----RV-ADY+VEK-TGGKVKG KT-----	
	Ral. solanacearum	17548036	-----RV-AEH+IEKITNGEVKG KT-----V-----	
	Nei. meningitidis	15677766	-----RV-EHE+VEKLTNGEVKG KT-----	
<b>Other Gram-ve Bacteria</b>	Burk. fungorum	22984570	-----RVSEDY+VEKFTNGEVKG KS-----V-----	
	Aqu. aeolicus	15606090	-----L-DDL -----A-----	
	Lep. interrogans	24215479	-----LDDKY -----A-----	
	Nostoc sp. PCC 7120	17227501	----I-----LSDLE -----K-M-----	
	Synechocystis PCC 6803	16329327	----I-----LSDAL -----M-----V-----	
	Synechococcus PCC 6301	114529	-----LSDAL -----M-----V-----	
	Thermosyn. elongatus	22297978	-----L-DAL -----M-----VV-----	
	Cfx. aurantiacus	22970020	-----RL-EEY -----V-----	
	Fuso. nucleatum	19703702	-----LSDLE -----I-----	
	T. maritima	15644360	--I-----VRL-DKL -----I-----V-----	
<b>Gram-positive Bacteria</b>	Clo. pasteurianum	14715604	-----LSDKL -----I-----	
	Clo. acetobutylicum	15896121	-----LSQKL -----I-----	
	Bif. longum	23336546	-----C--VSDDL -----M-G--V-----	
	Thermobifida fusca	23018732	-----C--LSDEM -----A--G-----	
	Myc. leprae	15827574	-----C--LADHL -----G-----	
	Cor. efficiens	25027869	-----LSDDL -----A--I-----	
	Str. coelicolor	21223731	-----C--LSDAE -----A--M-G--V-----	
	Lis. monocytogenes	16804569	-----L-D-L -----I----FV-----	
	Bac. subtilis	16080736	-----LSDAK -----A--I----FV-----	
	Bac. anthracis	21397779	-----LSDAK -----F-----	
	Oceano. iheyensis	23100432	-----LSDAK -----FV-----	
	Sta. aureus	15925095	-----L-DDL -----I-----	
	Lac. lactis	15082071	-----LSDDL -----M----F-----	
	Ent. faecium	22991786	-----LSDDL -----M----FV-----	
	Strep. pyogenes	19745845	-----S--VSDDL -----I----F-----	
M. genitalium	12045263	-----C-L-DEN -----I-----		