

		44	81
	Stenotrophomonas maltophilia	194363780	LTGTDLEVMVSRIAVED A QDGETTIPARKLFEIIRAL
	Xanthomonas albilineans	285016823	-----D- -----V---
	Xanthomonas campestris	21229480	-----I--TM--- -----D-L---
	Xanthomonas oryzae	166709897	-----I--TM--- -----D-L---
	Xanthomonas fuscans	294665123	-----I--TL--- -----D-L---
	Xanthomonas axonopodis	21240776	-----I--TL--- -----D-L---
	Xanthomonas vesicatoria	325915700	-----I--TM--- -----D-L---
	Xanthomonas gardneri	325922760	-----I--TM--- -----D-L---
	Pseudoxanthomonas suwonensis	319785622	-----IA-A---- -V---I-----V---
	Pseudoxanthomonas spadix	357415873	-----IA-S---- -----V---
	Rhodanobacter sp. 2APBS1	352080695	-----ATTEA-K LV---V-----D-V---
	Xylella fastidiosa Dixon	71275533	-----I-KTII-- -ES--I-----IY--V---
	Xylella fastidiosa 9a5c	15836607	-----I-KTII-- -ES--I-----IY--V---
	Xylella fastidiosa Temecula1	28197947	-----I-KTKI-- PES--I-----IY--V---
	Marinomonas sp. MWYL1	152994045	---S-----L-GHVPDE CEE-RI-V-----MD-CKS-
→	Thioalkalivibrio sp. HL-EbGR7	220933195	V-----L-AEASEVS -SP--A-V-----LD-C---
	Aeromonas hydrophila	117619320	-----IGQVYLNS D S---R-V-----LD-C-G-
	Alteromonas macleodii	196154828	-----LI-SVKL-G E FTE--I-V--K---D---GI
	Idiomarina loihiensis	56459114	-----L-AVPL-S A DM-AAV-V--K-FLD-C-S-
	Marinobacter aquaeolei	120552946	---NM---L-A-V-PVH V D-P-RI-V-----AD-C---
	Psychromonas ingrahamii	119947309	-----LIAV--L-N P SEN-VI-V-----LD-C-G-
	Shewanella amazonensis	119773156	M-----L-GEAT-HG D V-E-R--V--K--LD-VKS-
	Teredinibacter turnerae	254784275	-----IIG-VQL-S A PGN--I-V--K-FLD-C-S-
	Azotobacter vinelandii	226942172	-----L-G-VPL-E N -EP--I-V-----MD-CKS-
	Cellvibrio japonicus	192362292	-----IIG-LTL-Q A G-S--I-V-----VD-C-S-
	Pseudomonas aeruginosa	15595200	-----L-G-VVL-- A -EP--I-V-----MD-CKS-
	Arsenophonus nasoniae	284007064	-----AKVTLTQ P GES-SI-V-----F-D-W-G-
	Citrobacter koseri	157144343	-----M--A-V-LIQ P HEP-A-V-----F-D-C-G-
	Cronobacter sakazakii	156936081	-----M--A-V-LVQ P HEP-A-V-----F-D-C-G-
	Dickeya zeae	251787654	-----M--AHL-LTQ P HEP-A-V-----F-D-C-G-
	Edwardsiella ictaluri	238917985	-----M--A-VPLVQ P HEA-A-V-----FLD-C-G-
	Enterobacter cloacae	296100373	-----M--IA-VTLTQ P HDA-A-V-----F-D-C-G-
	Erwinia amylovora	292490135	-----M--A-V-LAQ D H-P-A-V-----F-D-C-G-
	Escherichia coli	284923784	-----M--A-V-LVQ S HEP-A-V-----F-D-C-G-
	Klebsiella pneumoniae	152972608	-----M--A-V-LVQ P HEA-A-V-----F-D-C-G-
	Morganella morganii	88697472	-----M--MAAVPLDQ P HEN---V-----FLD-W-G-
	Pantoea ananatis	291615642	-----M--A-V-LTQ P HET-A-V-----FLD-C-G-
	Pectobacterium carotovorum	253686411	-----M--AKV-LTQ P HEP-A-V-----D-C-G-
	Photorhabdus asymbiotica	253987485	-----M--MA-VTLSL P HEE-A-V-----F-D-W-G-
	Proteus mirabilis	197286951	-----M--MA-VLSLQ S HEI-A-V-----F-D-W-G-
	Providencia rettgeri	268593489	-----M--MANV-LTG E HEI-A-V-----F-D-W-G-
	Salmonella enterica	16762488	-----M--A-VTSLQ P HEP-A-V-----F-D-C-G-
	Serratia odorifera	270264120	-----M--A-V-LSQ P HEA-A-V-----F-D-C-G-
	Shigella flexneri	30065009	-----M--A-V-LVQ P HEP-A-V-----F-D-C-G-
	Sodalis glossinidius	85057980	-----M--AQV-LSA A HEP-A-V-----F-D-C-G-
	Xenorhabdus nematophila	300721091	-----T--KA-VTLTQ P HEQ-A-----F-D-W-G-
	Yersinia aldovae	238759585	-----M--A-V-LSH P HEQ-A-V-----F-D-W-G-
	Yersinia pestis	22127980	-----M--ACV-LSQ S HEP-A-V-----F-D-W-G-
	Alcanivorax borkumensis	110832863	M-----L-L-A-LPL-G E LEP---V-----VD-GKS-
	Oceanospirillum sp. MED92	89092265	M-----L-G-VTLDE P -EA-SV-V-----MD-CKS-
	Vibrio furnissii	260771048	M-A-----L--VTL-G D FEA-T--V-----FLD-C-G-

Figure S13

Partial sequence alignment of a conserved region of DNA polymerase III subunit beta showing a 1 aa deletion that is present in all Xanthomonadales. The CSI has also been found to be shared by *Marinomonas sp. MWYL1* and *Thioalkalivibrio sp. HL-EbGR7*.