

Taxon	Organism	RefSeq	GI	Genomic context (MgCV)	Conserved cysteine	Position on the alignment
1320309	Salmonella enterica subsp. enterica serovar Bovismorbificans str. 3114	YP_008506733	538363448	SicA > sipB > sipC > sipD > sipA > iacP	C	
295319	Salmonella enterica subsp. enterica serovar Paratyphi A str. ATCC 9150	YP_151912	56414837	SicA > sipB > sipC > sipD > sipA > iacP	C	
554290	Salmonella enterica subsp. enterica serovar Paratyphi A str. AKU_12601	YP_002143402	197363765	SicA > sipB > sipC > sipD > sipA > iacP	C	
321314	Salmonella enterica subsp. enterica serovar Choleraesuis str. SC-867	YP_217804	62181387	SicA > sipB > sipC > sipD > sipA > iacP	C	
568708	Salmonella enterica subsp. enterica serovar Typhimurium str. D23580	YP_005233874	378446242	SicA > sipB > sipC > sipD > sipA > iacP	C	
550538	Salmonella enterica subsp. enterica serovar Gallinarum str. 287/91	YP_00227629	205353828	SicA > sipB > sipC > sipD > sipA > iacP	C	
866913	Salmonella enterica subsp. enterica serovar 4/5/12:-: str. 08-1736	YP_008267091	526221304	SicA > sipB > sipC > sipD > sipA > iacP	C	
85569	Salmonella enterica subsp. enterica serovar Typhimurium str. DT104	YP_008671341	550902249	SicA > sipB > sipC > sipD > sipA > iacP	C	
936157	Salmonella enterica subsp. enterica serovar Weitevreden str. 2007-60-3289-1	YP_006887260	409246556	SicA > sipB > sipC > sipD > sipA > iacP	C	
1271862	Salmonella enterica subsp. enterica serovar Typhimurium var. 5- str. CFSAN001921	YP_008253938	525837204	SicA > sipB > sipC > sipD > sipA > iacP	C	
990282	Salmonella enterica subsp. enterica serovar Typhimurium str. UK-1	YP_005253374	378990210	SicA > sipB > sipC > sipD > sipA > iacP	C	
1171376	Salmonella enterica subsp. enterica serovar Typhimurium str. U288	YP_007904007	482905447	SicA > sipB > sipC > sipD > sipA > iacP	C	
718274	Salmonella enterica subsp. enterica serovar Typhimurium str. T000240	YP_005248630	378985474	SicA > sipB > sipC > sipD > sipA > iacP	C	
909946	Salmonella enterica subsp. enterica serovar Typhimurium str. ST4/74	YP_005243866	379702138	SicA > sipB > sipC > sipD > sipA > iacP	C	
216597	Salmonella enterica subsp. enterica serovar Typhimurium str. SL1344	YP_005182753	378700796	SicA > sipB > sipC > sipD > sipA > iacP	C	
99287	Salmonella enterica subsp. enterica serovar Typhimurium str. LT2	NP_461806	16766191	SicA > sipB > sipC > sipD > sipA > iacP	C	
568709	Salmonella enterica subsp. enterica serovar Typhimurium str. DT2	YP_008645647	549725457	SicA > sipB > sipC > sipD > sipA > iacP	C	
1008297	Salmonella enterica subsp. enterica serovar Typhimurium str. 798	YP_005398248	383497559	SicA > sipB > sipC > sipD > sipA > iacP	C	
588858	Salmonella enterica subsp. enterica serovar Typhimurium str. 140285	YP_005238994	378451634	SicA > sipB > sipC > sipD > sipA > iacP	C	1
1064551	Salmonella enterica subsp. enterica serovar Thompson str. RM6836	YP_008614521	549480319	SicA > sipB > sipC > sipD > sipA > iacP	C	
1298917	Salmonella enterica subsp. enterica serovar Pullorum str. S06004	YP_008382148	529220768	SicA > sipB > sipC > sipD > sipA > iacP	C	
476213	Salmonella enterica subsp. enterica serovar Paratyphi C str. RK54594	YP_002638461	224584663	SicA > sipB > sipC > sipD > sipA > iacP	C	
1016998	Salmonella enterica subsp. enterica serovar Paratyphi B str. SP87	YP_001589762	161615797	SicA > sipB > sipC > sipD > sipA > iacP	C	
1267753	Salmonella enterica subsp. enterica serovar Javiana str. CFSAN001992	YP_007473536	452123288	SicA > sipB > sipC > sipD > sipA > iacP	C	
454169	Salmonella enterica subsp. enterica serovar Heidelberg str. SL476	YP_002046845	194449012	SicA > sipB > sipC > sipD > sipA > iacP	C	
1271864	Salmonella enterica subsp. enterica serovar Heidelberg str. CFSAN002069	YP_008252329	525829260	SicA > sipB > sipC > sipD > sipA > iacP	C	
1160717	Salmonella enterica subsp. enterica serovar Heidelberg str. B182	YP_006088973	386592573	SicA > sipB > sipC > sipD > sipA > iacP	C	
1124936	Salmonella enterica subsp. enterica serovar Heidelberg str. 41578	YP_008248603	525818675	SicA > sipB > sipC > sipD > sipA > iacP	C	
1081093	Salmonella enterica subsp. enterica serovar Gallinarum/pullorum str. RK55078	YP_005213993	378956506	SicA > sipB > sipC > sipD > sipA > iacP	C	
1225522	Salmonella enterica subsp. enterica serovar Gallinarum/pullorum str. CDC1983-67	YP_008482448	537438071	SicA > sipB > sipC > sipD > sipA > iacP	C	
550537	Salmonella enterica subsp. enterica serovar Enteritidis str. P125109	YP_002244798	207858147	SicA > sipB > sipC > sipD > sipA > iacP	C	
439851	Salmonella enterica subsp. enterica serovar Dublin str. CT_02021853	YP_002216854	198243016	SicA > sipB > sipC > sipD > sipA > iacP	C	
1173427	Salmonella enterica subsp. enterica serovar Bareilly str. CFSAN000189	YP_008307500	525946351	SicA > sipB > sipC > sipD > sipA > iacP	C	
209261	Salmonella enterica subsp. enterica serovar Typhi str. Ty2	NP_806488	29143146	SicA > sipB > sipC > sipD > sipA > iacP	C	
527001	Salmonella enterica subsp. enterica serovar Typhi str. Ty21a	YP_007927058	488655255	SicA > sipB > sipC > sipD > sipA > iacP	C	
1132507	Salmonella enterica subsp. enterica serovar Typhi str. P-stx-12	YP_005218431	378960945	SicA > sipB > sipC > sipD > sipA > iacP	C	
220341	Salmonella enterica subsp. enterica serovar Typhi str. CT18	NP_457279	16761662	SicA > sipB > sipC > sipD > sipA > iacP	C	
439843	Salmonella enterica subsp. enterica serovar Schwarzengrund str. CVM19633	YP_002115837	194735025	SicA > sipB > sipC > sipD > sipA > iacP	C	
877468	Salmonella enterica subsp. enterica serovar Newport str. USMARC-53124.1	YP_008361892	528820689	SicA > sipB > sipC > sipD > sipA > iacP	C	
423368	Salmonella enterica subsp. enterica serovar Newport str. SL254	YP_002042126	194444977	SicA > sipB > sipD > sipA > iacP	C	
454166	Salmonella enterica subsp. enterica serovar Agona str. SL483	YP_002147782	197249542	SicA > sipB > sipC > sipD > sipA > iacP	C	
1406860	Salmonella enterica subsp. enterica serovar Agona str. 24249	YP_008862315	563654231	SicA > sipB > sipC > sipD > sipA > iacP	C	

218493	<i>Salmonella bongori</i> NCTC 12419	YP_004731325	340000441	Sica > sipB > sipC > sipD > sipA > iacP	C	2
11971719	<i>Salmonella bongori</i> NZ68-08	YP_008323503	526228860	Sica > sipB > sipC > sipD > sipA > iacP	C	
1271863	<i>Salmonella enterica</i> subsp. enterica serovar Cubana str. CFSAN002050	YP_008262016	525858673	Sica > sipB > sipC > sipD > sipA > iacP	C	
882884	<i>Salmonella enterica</i> subsp. enterica serovar 62:z4,z23:- str. RSK2980	YP_001569183	161502071	Sica > sipB > sipC > sipD > sipA > iacP	C	
243365	<i>Chromobacterium violaceum</i> ATCC 12472	NP_902289	34498074	Sica > sipB > sipC > sipD > sipA > iacP	C	3
1380774	<i>Pandoraea</i> sp. RB-44	YP_008879851	564915616	Sica > sipB > sipC > sipD > sipA	V	
1416914	<i>Pandoraea pnomenus</i> 3kgm	YP_008838747	560146288	Sica > sipB > sipC > sipD > sipA	V	
344609	<i>Shigella boydii</i> CDC 3083-94	YP_001883189	187734498	Sica > sipB > sipC > sipD > sipA > iacP	C	4
300267	<i>Shigella dysenteriae</i> Sd197	YP_406167	82524572	Sica > sipB > sipC > sipD > sipA > iacP	C	5
754093	<i>Shigella dysenteriae</i> 1617	YP_008832519	560133475	Sica > sipB > sipC > sipD > sipA > iacP	C	
198214	<i>Shigella flexneri</i> 2a str. 301	NP_858261	31983588	Sica > sipB > sipC > sipD > sipA > iacP	C	6
591020	<i>Shigella flexneri</i> 2002017	YP_005712020	384546108	Sica > sipB > sipC > sipD > sipA > iacP	C	
300269	<i>Shigella sonnei</i> S5046	YP_313345	74314927	Sica > sipB > sipC > sipD > sipA > iacP	C	7
216599	<i>Shigella sonnei</i> 53G	YP_005454433	383181838	Sica > sipB > sipC > sipD > sipA > iacP	C	
572265	<i>Candidatus</i> <i>Hamiltonella defensa</i> 5AT ( <i>Acyrthosiphon pisum</i> )	YP_002924283	238898602	Sica > sipB	C	25
216592	<i>Escherichia coli</i> O42	YP_006098293	387609437	Sica > sipB > SipD	V	
585056	<i>Escherichia coli</i> UMN026	YP_002414816	218707297	Sica > sipB > SipD	V	
439855	<i>Escherichia coli</i> SMS-3-5	YP_001745983	170681556	Sica > sipB > SipD	V	
585057	<i>Escherichia coli</i> IA139	YP_002410127	218702498	Sica > sipB > SipD	V	
1072459	<i>Escherichia coli</i> O7:K1 str. CE10	YP_006146280	386626552	Sica > sipB > SipD	V	26
1207075	<i>Pseudomonas putida</i> UW4	YP_007030620	426410521	Sica > sipB > sipC > sipD > iacP	C	15
1114970	<i>Pseudomonas fluorescens</i> F113	YP_005207210	378949722	Sica > sipB > sipC > sipD > iacP	C	16
343509	<i>Sodalis glossinidius</i> str. 'morisitans'	YP_454254	85058552	Sica > sipB	C	22
665029	<i>Erwinia amylovora</i> CFBP1430	YP_003530148	292487276	Sica > sipB > sipC > sipD > Y1 > Y2 > iacP	C	
716540	<i>Erwinia amylovora</i> ATCC 49946	YP_003539721	292900352	Sica > sipB > sipC > sipD > Y1 > Y2 > iacP	C	10
465817	<i>Erwinia tasmaniensis</i> ET1/99	YP_001908602	188534805	Sica > sipB > sipC > sipD > Y1 > Y2 > iacP	C	11
465817	<i>Erwinia tasmaniensis</i> ET1/99	YP_001907829	188534032	Sica > sipB > sipC > sipD	C	21
665029	<i>Erwinia amylovora</i> CFBP1430	YP_003530949	292488072	Sica > sipB > sipC > sipD > Y1 > Y2 > iacP	C	
716540	<i>Erwinia amylovora</i> ATCC 49946	YP_003538652	292899283	Sica > sipB > sipC > sipD > Y3 > Y4 > iacP	C	8
215689	<i>Erwinia</i> sp. E1p617	YP_005819304	385788195	Sica > sipB > sipC > sipD	L	19
694499	<i>Erwinia pyrifoliae</i> Epl/96	YP_002648989	259908633	Sica > sipB > sipC > Y5 > iacP	L	9
644651	<i>Erwinia pyrifoliae</i> DSM 12163	YP_005802892	387871518	Sica > sipB > sipC > sipD	L	20
1266738	<i>Proteus mirabilis</i> B82000	YP_008399198	529238339	Sica > sipB > sipD	I	
529507	<i>Proteus mirabilis</i> H4320	YP_002152384	197286512	Sica > sipB > sipD	I	24
380358	<i>Xanthomonas albilineans</i> GPE PC73	YP_003375999	285018288	Sica > sipB > sipC	T	23
1249661	<i>Burkholderia thailandensis</i> MSMB121	YP_007920472	488607335	Sica > sipB > sipC > X > sipD > Y6 > iacP	C	14
271848	<i>Burkholderia thailandensis</i> E264	YP_439038	83717078	Sica > sipB > sipC > X > sipD > Y7 > iacP	C	
320373	<i>Burkholderia pseudomallei</i> 668	YP_001063156	126443663	Sica > sipB > sipC > X > sipD > Y8 > iacP	C	12
1335307	<i>Burkholderia pseudomallei</i> MSHR305	YP_008328618	526458406	Sica > sipB > sipC > X > sipD > Y9 > iacP	C	
320372	<i>Burkholderia pseudomallei</i> 1710b	YP_335730	76818804	Sica > sipB > sipC > X > sipD > Y10 > iacP	C	
884204	<i>Burkholderia pseudomallei</i> 1026b	YP_006278262	386865314	Sica > sipB > sipC > X > sipD > Y11 > iacP	C	
357348	<i>Burkholderia pseudomallei</i> 1106a	YP_001076107	126458255	Sica > sipB > sipC > X > sipD > Y12 > iacP	C	
1229785	<i>Burkholderia pseudomallei</i> BPC006	YP_006658905	403523336	Sica > sipB > sipC > X > sipD > Y13 > iacP	C	
1241583	<i>Burkholderia pseudomallei</i> NCTC 13179	YP_008740595	556574230	Sica > sipB > sipC > X > sipD > Y14 > iacP	C	
243160	<i>Burkholderia mallei</i> ATCC 23344	YP_106121	53716467	Sica > sipB > sipC > X > sipD > Y15 > iacP	C	
243160	<i>Burkholderia pseudomallei</i> K96243	YP_111538	53722553	Sica > sipB > sipC > X > sipD > Y16 > iacP	C	
320389	<i>Burkholderia mallei</i> NCTC 10247	YP_001077954	126447280	Sica > sipB > sipC > X > sipD > Y17 > iacP	C	13
412022	<i>Burkholderia mallei</i> NCTC 10229	YP_001025869	124382983	Sica > sipB > sipC > X > sipD > Y18 > iacP	C	
1157951	<i>Providencia stuartii</i> MRSN 2154	YP_006216503	386743324	Sica > sipB > sseC > sipC > Y19 > Y20 > Y21 > Y22 > iacP	C	18
393305	<i>Yersinia enterocolitica</i> subsp. <i>enterocolitica</i> 8081	YP_001007693	123443722	Sica > sipB > sipC > sipD > Y23 > iacP	C	17