

**List of genes surrounding *Vibrio csrB1* copies used in Fig. 1**

Genome/ Chr	Gene start	Gene stop	Orien tation	Gene name/Locus tag	Annotation	Synteny group
<b>Vibrio_alginolyticus_NBRC_15630_ATCC_17749_aa3541752_C1</b>						
	1519512	1520294	<	N646_1432	tRNA pseudouridine synthase	a
	1520299	1520613	<	N646_1433	hypothetical protein	a
	1520690	1521727	>	N646_1434	hypothetical protein	a
	1521741	1522040	>	N646_1435	hypothetical protein	a
	1522000	1522440	<	N646_1436	acetyltransferase-related	a
	1523160	1522758	<		<b>Vibalg_CsrB1-ab</b>	
	1523417	1523710	>	N646_1437	hypothetical protein	a
	1523707	1524156	>	N646_1438	hypothetical protein	a
	1524351	1525340	>	N646_1439	hypothetical protein	b
					3-beta hydroxysteroid	
	1525337	1526323	>	N646_1440	dehydrogenase	b
	1526292	1527155	>	N646_1441	Zn-dependent hydrolase	b
	1527152	1528411	>	N646_1442	hypothetical protein	b
	1528399	1529511	>	N646_1443	hypothetical protein	b
<b>Vibrio_harveyi_ATCC_43516_aa15584351_C1</b>						
	1153869	1154636	<	AL538_05495	pseudouridine synthase	a
	1154642	1154956	<	AL538_05500	hypothetical protein	a
	1155033	1156070	>	AL538_05505	hypothetical protein	a
	1156084	1156383	>	AL538_05510	hypothetical protein	a
	1156343	1156849	<	AL538_05515	acetyltransferase	a
					hypothetical protein (possible	
	1157282	1157461	<	AL538_05520	artefact)	
	1157478	1157074	<		<b>Vibhar_CsrB1-ab</b>	
	1157735	1158028	>	AL538_05525	hypothetical protein	a
	1158025	1158474	>	AL538_05530	hypothetical protein	a
	1158830	1159660	>	AL538_05535	3-oxoacyl-ACP synthase	b
	1159657	1160643	>	AL538_05540	UDP-glucose 4-epimerase	b
					polysaccharide biosynthesis	
	1160612	1161475	>	AL538_05545	protein GumP	b
	1161472	1162731	>	AL538_05550	CoF synthetase	b
	1162719	1163831	>	AL538_05555	carboxylate--amine ligase	b
<b>Vibrio_coralliilyticus_RE98_aa7720651_C1</b>						
	707469	710294	>	IX92_03220	2-oxoglutarate	c
					dihydrolipoamide	
	710322	711527	>	IX92_03225	succinyltransferase	c
					succinyl-CoA synthetase	
	711737	712903	>	<i>sucC</i>	subunit beta	c

	712903	713775 >	IX92_03235	succinyl-CoA synthetase subunit alpha	c
	713860	714147 <	IX92_03240	hypothetical protein	a
	714402	714796 >		<i>Vibcor_CsrB1-ac</i>	
	714952	715470 >	IX92_03245	acetyltransferase	a
	715418	715717 <	IX92_03250	hypothetical protein	a
	715721	716758 <	IX92_03255	hypothetical protein	a
	716834	717148 >	IX92_03260	pseudouridine synthase	a
	717148	717870 >	IX92_03265	pseudouridine synthase	a
<i>Vibrio_tubiashii</i> _ATCC_19109_aa7721051_C1					
	874944	877769 >	IX91_04135	2-oxoglutarate dihydrolipoamide succinyltransferase	c
	877798	879006 >	IX91_04140	succinyl-CoA synthetase subunit beta	c
	879214	880380 >	<i>sucC</i>	succinyl-CoA synthetase subunit alpha	c
	880380	881252 >	IX91_04150	hypothetical protein	a
	881432	881719 <	IX91_04155	<i>Vibtub_CsrB1-ac</i>	
	881975	882373 >			
	882507	883025 >	IX91_04165	acetyltransferase	a
	882973	883272 <	IX91_04170	hypothetical protein	a
	883275	884312 <	IX91_04175	hypothetical protein	a
	884389	884703 >	IX91_04180	pseudouridine synthase	a
	884703	885428 >	IX91_04185	pseudouridine synthase	a
<i>Vibrio_anguillarum</i> _775_aa2176751_C1					
	2384953	2385675 <	VAA_01167	tRNA pseudouridine synthase	a
	2385669	2385989 <	VAA_01168	Amelogenin	a
	2386013	2387155 >	VAA_01169	hypothetical protein	a
	2387426	2387938 <	VAA_01170	Acetyltransferase	a
	2388562	2388166 <		<i>Vibang_CsrB1-ad</i>	
	2388795	2389082 >	VAA_01171	hypothetical protein	a
	2389087	2389539 >	VAA_01172	EMG2 protein	a
	2389591	2389716 <	VAA_01173	LSU ribosomal protein L36P	d
	2389720	2389977 <	VAA_01174	LSU ribosomal protein L31P	d
	2390096	2390791 >	VAA_01175	Putative transcriptional	d
	2390880	2392595 >	VAA_01176	Prolyl-tRNA synthetase	d
<i>Vibrio_cholerae</i> _O1_biovar_El_Tor_str_N16961_aa67451_C1					
	937854	939569 <	VC_0875	prolyl-tRNA synthetase	d
	939795	940490 <	VC_0876	conserved hypothetical protein (possible artefact)	d
	940506	940604 <	VC_0877		d
	940625	940882 >	VC_0878	ribosomal protein L31	d

940879	941004 >	VC_0879	ribosomal protein L36	d
941187	942791 >	VC_0880	conserved hypothetical	d
942857	943306 <	VC_0881	conserved hypothetical	a
943303	943602 <	VC_0882	conserved hypothetical	a
943847	944216 <		<b>Vibcho_CsrC-ad</b>	
			hypothetical protein (possible artefact)	
944215	944328 <	VC_0883		
944367	944990 >	VC_0884	acetyltransferase-related	a
944947	945249 <	VC_0885	hypothetical protein	a
945253	946290 <	VC_0886	hypothetical protein	a
946379	946690 >	VC_0887	conserved hypothetical	a
			pseudouridine synthase Rlu	
946691	947425 >	VC_0888	family protein	a

Vibrio\_furnissii\_NCTC\_11218\_aa1843251\_C1

			pseudouridine synthase Rlu	
2798231	2798962 <	vf_u_A02697	family protein	a
2798962	2799273 <	vf_u_A02698	hypothetical protein	a
2799353	2800390 >	vf_u_A02699	hypothetical protein	a
2800654	2801115 <	vf_u_A02700	acetyltransferase-related	a
2801782	2801388 <		<b>Vibfur_CsrB1-ad</b>	
2802028	2802318 >	vf_u_A02701	hypothetical protein	a
2802315	2802770 >	vf_u_A02702	conserved hypothetical	a
			hypothetical efflux pump component MtrF	
2802844	2803575 <	vf_u_A02703	component MtrF	d
2803587	2804429 <	vf_u_A02704	efflux pump component MtrF	d
2804779	2805036 <	vf_u_A02705	50S ribosomal protein L31	d
2805277	2805972 >	vf_u_A02706	hypothetical protein	d
2806194	2807834 >	vf_u_A02707	prolyl-tRNA synthetase	d

Vibrio\_paraahaemolyticus\_RIMD\_2210633\_O3\_K6\_substr\_RIMD\_2210633\_aa1960951\_C1

			pseudouridine synthase Rlu	
2435538	2436278 <	VP2322	family protein	a
2436311	2436625 <	VP2323	conserved hypothetical	a
2436705	2437742 >	VP2324	hypothetical protein	a
2437756	2438055 >	VP2325	hypothetical protein	a
2438015	2438521 <	VP2326	acetyltransferase-related	a
2439139	2438734 >		<b>Vibpar_CsrB1-ad</b>	
2439396	2439683 >	VP2327	conserved hypothetical	a
2439686	2440129 >	VP2328	conserved hypothetical	a
2440260	2441846 <	VP2329	efflux pump component MtrF	d
			hypothetical protein (possible artefact)	
2442124	2442276 <	VP2330		d
2442470	2442730 <	VP2331	ribosomal protein L31P family	d
2442853	2443548 >	VP2332	conserved hypothetical	d

2443660	2445375 >	VP2333	prolyl-tRNA synthetase	d
Vibrio_tasmaniensis_LGP32_aa914651_C1				
2527324	2528082 <	VS_2357	tRNA pseudouridine synthase	a
2528073	2528387 <	VS_2358	hypothetical protein	a
2528475	2529515 >	VS_2359	hypothetical protein	a
2529600	2529908 >	VS_2360	hypothetical protein	a
2529874	2530392 <	VS_2361	acetyltransferase-related	a
2530496	2530908 <	VS_m2362	Vibtas_CsrB1-ad	
2531162	2531449 >	VS_2363	hypothetical protein	a
2531488	2531931 >	VS_2364	hypothetical protein	a
2532209	2533879 <	VS_2365	efflux pump component MtrF	d
2534310	2534570 <	VS_2366	Ribosomal protein L31	d
2534695	2535390 >	VS_2367	transcriptional regulator	d
2535492	2537207 >	VS_2368	prolyl-tRNA synthetase	d
Vibrio_vulnificus_YJ016_aa97451_C1				
2591668	2592405 <	VV2561	pseudouridylate synthase 23S	
2592405	2592719 <	VV2562	RNA-specific	a
2592799	2593836 >	VV2563	conserved hypothetical	a
2594099	2594602 <	VV2564	conserved hypothetical	a
2595179	2594780		acetyltransferase	a
2595437	2595730 >	VV2565	Vibvul_CsrB1-ad	
2595727	2596170 >	VV2566	conserved hypothetical	a
2596268	2597854 <	VV2568	conserved hypothetical	a
2597703	2597891 >	VV2567	putative p-aminobenzoyl-glutamate transporter	d
2598129	2598254 <	VV2569	hypothetical protein (possible artefact)	d
2598258	2598518 <	VV2570	ribosomal protein L36	d
2598638	2599333 >	VV2571	ribosomal protein L31	d
2599424	2601139 >	VV2572	conserved hypothetical	d
			prolyl-tRNA synthetase	d
Vibrio_nigripulchritudo_SFn1_aa8012751_C1				
2671577	2672311 <	truC	tRNA pseudouridine synthase	a
2672305	2672622 <	VIBNI_A2509	conserved hypothetical	a
2672705	2673742 >	VIBNI_A2510	conserved hypothetical	a
2673763	2674062 >	VIBNI_A2512	conserved hypothetical	a
2674097	2674464 <	VIBNI_Amisc_	Vibnig_CsrB1-ae	
2674810	2675091 >	VIBNI_A2514	conserved hypothetical	a
2675088	2675534 >	VIBNI_A2515	conserved hypothetical	a
2675794	2676567 <	VIBNI_A2516	conserved hypothetical	e
2676571	2677125 <	syd	Protein syd	e

2677227	2678072 >	<i>queF</i>	NADPH-dependent 7-cyano-7-deazaguanine reductase	e
2678101	2680365 >	VIBNI_A2519	TPR-repeat-containing protein	e
			putative ATPase involved in DNA repair fused with GGDEF	
2680475	2682037 >	VIBNI_A2520	domain family protein	e
2682195	2683559 >	VIBNI_A2521	Putative lysine decarboxylase	e
2683638	2684408 >	<i>xni</i>	exonuclease Xni	

Photobacterium\_profundum\_SS9\_aa1962551\_C1

			putative pseudouridine synthase Rlu family protein	a
3407314	3408051 <	PBPRA2973	conserved hypothetical	a
3408054	3408374 <	PBPRA2974	conserved hypothetical	a
3408549	3409595 >	PBPRA2975	conserved hypothetical	a
3409656	3409970 >	PBPRA2976	conserved hypothetical	a
3410047	3410482 >		<b>Phobac_CsrB1-ae</b>	
3412543	3412773 >	PBPRA2977	hypothetical protein	
3412812	3413087 >	PBPRA2978	conserved hypothetical	a
3413273	3414658 >	PBPRA2979	hypothetical Tn5 transposase	
			putative Zn-ribbon-containing protein	e
3414715	3415488 <	PBPRA2980	hypothetical Syd protein	e
3415491	3416057 <	PBPRA2981	conserved hypothetical	e
3416201	3417046 >	PBPRA2982	hypothetical protein	e
3417164	3419443 >	PBPRA2983	hypothetical GGDEF domain family protein	e
3419581	3421140 >	PBPRA2984	conserved hypothetical	e
3421435	3422808 >	PBPRA2985	putative	
3422834	3423670 >	PBPRA2986		

Vibrio\_fischeri\_ES114\_aa118051\_C1

651924	652703 <	<i>xni</i>	exonuclease IX (5'-3')	e
652798	654156 <	<i>ygdH</i>	conserved protein	e
			diguanilate cyclase/phosphodiesterase domain 1 (GGDEF)	e
654308	655870 <	VF_0596	hypothetical protein	e
656046	658292 <	VF_0597	hypothetical protein	e
658364	659209 <	<i>queF</i>	hypothetical protein	e
659314	659865 >	<i>syd</i>	predicted protein	e
659947	660720 >	VF_0600	hypothetical protein	e
660762	661211 <	<i>yail</i>	conserved protein	e
661211	661480 <	VF_0602	conserved hypothetical	e
661821	662241 >		<b>Vibfis_CsrB1-ef</b>	
662465	663820 >	VF_0603	PTS system cellobiose-utilization IIC component	f

663853	664158 >	VF_0604	PTS system cellobiose- utilization IIB component	f
664198	665607 >	<i>bglA</i>	6-phospho-beta-glucosidase A	f
665634	666569 >	VF_0606	glucokinase	f
666581	666904 >	VF_0607	PTS system cellobiose- utilization IIA component	f
666974	667978 >	<i>ascG</i>	DNA-binding transcriptional repressor LacI family	f

Aliivibrio\_salmonicida\_LFI1238\_aa1964951\_C1

779521	780294 <	<i>exo</i>	5'-3' exonuclease	e
780377	781735 <	VSAL_I0695	conserved hypothetical	e
781864	783426 <	VSAL_I0696	conserved hypothetical	e
783603	785834 <	VSAL_I0697	putative exported protein	e
785945	786790 <	<i>queF</i>	7-cyano-7-deazaguanine	e
786899	787447 >	<i>syd</i>	protein Syd	e
787551	788324 >	VSAL_I0700	hypothetical protein	e
788386	788841 <	VSAL_I0701	conserved hypothetical	e
788841	789110 <	VSAL_I0702	hypothetical protein	e
789582	789818 >		<i>Alisal_CsrB1-ef</i>	
790040	791326 >	VSAL_I0703	PTS system cellobiose permease IIC component	f
791444	791749 >	<i>bglE</i>	PTS system cellobiose-specific component IIB	f
791830	793245 >	<i>pbgA</i>	6-phospho-beta-glucosidase	f
793275	794210 >	VSAL_I0706	putative glucokinase	f
794221	794544 >	<i>bglI</i>	phosphotransferase system (PTS) component IIA	f
794614	795624 >	VSAL_I0708	HTH-type transcriptional regulator LacI family	f