

Supplemental Data for

“Distinct Characteristics of Two 2-Cys Peroxiredoxins of *Vibrio vulnificus* Suggesting Differential Roles in Detoxifying Oxidative Stress”

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Table S1. Coexistence of robust and sensitive 2-Cys Prxs among bacteria^a

Species and strain	Robust 2-Cys Prx	Sensitive 2-Cys Prx	
	NCBI Accession Number	NCBI Accession Number	GGLG / YF Motifs
<i>Vibrio</i> sp.			
<i>V. vulnificus</i> MO6-24/O	ADV88988	ADV87477	GGIG / FL
<i>V. parahaemolyticus</i> 16	EED28503	EED27256	GGIG / FL
<i>V. harveyi</i> HY01	EDL70027	EDL68011	GGIG / FL
<i>V. alginolyticus</i> 12G01	EAS78123	EAS76378	GGIG / FL
<i>V. splendidus</i> ATCC 33789	EGU42638	EGU42018	GGIG / FL
<i>Enterobacter</i> sp.			
<i>E. aerogenes</i> KCTC 2190	AEG97668	AEG97410	GGIG / YL
<i>E. hormaechei</i> ATCC 49162	EGK62662	EGK62209	GGIG / YL
<i>E. cancerogenus</i> ATCC 35316	EFC55463	EFC55799	GGIG / YL
<i>E. sp.</i> 638	ABP59826	ABP59556	GGIG / YL
<i>E. cloacae</i> subsp. <i>cloacae</i> ATCC 13047	ADF62617	ADF60721	GGIG / YL
<i>Pseudoalteromonas</i> sp.			
<i>P. tunicata</i> D2	EAR28727	EAR27480	GGIG / YL
<i>P. atlantica</i> T6c	ABG39592	ABG39923	GGIG / YL
<i>P. sp.</i> SM9913	ADT70364	ADT69123	GGIG / FL
<i>P. sp.</i> BSi20652	GAA59355	GAA58474	GGIG / FL
<i>P. haloplanktis</i> TAC125	CAI89306	CAI85920	GGIG / FL
<i>Pseudomonas</i> sp.			
<i>P. aeruginosa</i> PAO1	AAG03529	AAG06917 AAG04237	GGIG / YL
<i>P. putida</i> KT2440	AAN68051	AAN66709	GGIG / YL
<i>P. fluorescens</i> PF-5	AAY92664	AAY94087	GGIG / YL
<i>P. entomophila</i> L48	CAK15109	CAK14101	GGIG / YL
<i>P. brassicacearum</i> subsp. <i>brassicacearum</i> NFM421	AEA69737	AEA70803	GGIG / YL
<i>Salmonella</i> sp.			
<i>S. enterica</i> subsp. <i>enterica</i> serovar Typhimurium str. LT2	AAL19559	AAL19356	GGIG / YL
<i>S. enterica</i> subsp. <i>arizonae</i> serovar 62:z4,z23:-- str. RSK2980	YP_001571333	YP_001571524	GGIG / YL
<i>S. bongori</i> NCTC 12419	CCC29610	CCC29455	GGIG / YL
<i>Shewanella</i> sp.			
<i>S. frigidimarina</i> NCIMB 400	ABI70383	ABI71307	GGIG / YL
<i>S. pealeana</i> ATCC 700345	ABV86073	ABV87894	GGIG / YL
<i>S. denitrificans</i> OS217	ABE56290	ABE55373	GGIG / YL
<i>S. amazonensis</i> SB2B	ABL98825	ABM00300	GGIG / YL
<i>S. baltica</i> OS155	ABN60374	ABN61247	GGIG / YL

^aThe 2-Cys Prxs homologous to Prx2 in amino acid sequences were singled out from NCBI protein database (NCBI, <http://www.ncbi.nlm.nih.gov>) using the BLAST (Basic Local Alignment Search Tool, <http://blast.ncbi.nlm.nih.gov>) program and predicted as robust or sensitive Prxs based on the presence of the conserved GGLG/YF motifs in their sequences. The variations in the GGLG/YF motifs are indicated.