

Supplementary Table 2. List of all proteins identified in OMV proteome

Label	Description	PsortB	Total spectral counts				
			O1	O2	O3	O4	O5
VC0633	Outer membrane protein U	Outer Membrane	2874	4464	5255	4865	6261
VC1888	Hemolysin-related protein	Extracellular	1659	916	846	698	703
VC2211	Vibriobactin receptor	Outer Membrane	232	446	879	821	1470
VC1854	Porin, putative	Outer Membrane	398	663	761	881	983
VCA0738	Conjugal transfer protein TraF	Unknown	419	484	740	772	847
VC0930	Hemolysin-related protein	Extracellular	894	484	468	375	342
VC0475	Iron-regulated outer membrane virulence protein	Outer Membrane	161	407	382	381	984
VC1154	Uncharacterized protein	Unknown	134	278	434	518	875
VCA1028	Maltoporin	Outer Membrane	150	272	443	518	729
VCA0223	Pre-pro-metalloprotease PrtV	Extracellular	487	219	441	416	334
VC1894	Penicillin-binding protein activator LpoB	Unknown	61	182	267	317	698
VC1318	Outer membrane protein OmpV	Outer Membrane	92	206	359	439	420
VCA0568	Conjugal transfer protein TraF	Outer Membrane	191	154	314	336	369
VCA0576	Heme transport protein HutA	Outer Membrane	112	371	161	242	409
VC2213	Outer membrane protein OmpA	Outer Membrane	65	290	208	248	460
VCA0865	Hemagglutinin/proteinase	Extracellular	317	100	251	235	183
VCA0863	Lysophospholipase VolA	Unknown	98	155	218	227	310
VC0156	Vitamin B12 transporter BtuB	Outer Membrane	62	165	191	202	287
VC1485	DUF3466 family protein	Unknown	88	128	174	168	255
VC1384	Outer membrane protein beta-barrel domain-containing protein	Unknown	71	97	152	146	160
VC2305	Outer membrane protein OmpK	Outer Membrane	50	80	102	131	260
VC2174	5'-nucleotidase	Periplasmic	47	206	73	65	226
VC0972	Porin, putative	Outer Membrane	57	101	115	102	225
VC2252	Outer membrane protein assembly factor BamA	Outer Membrane	38	75	87	106	172
VC1836	Tol-Pal system protein TolB	Periplasmic	28	96	77	90	171
VC2436	Outer membrane protein TolC	Outer Membrane	35	94	47	88	191
VC1621	Agglutination protein	Outer Membrane	22	115	40	60	177
VC0446	LPS-assembly protein LptD	Outer Membrane	32	94	84	79	112
VC0146	Ribosomal RNA small subunit methyltransferase D	Cytoplasmic	46	54	105	119	69
VCA0867	Outer membrane protein W	Outer Membrane	10	45	60	92	153
VC0381	Uncharacterized protein	Unknown	29	43	63	73	147
VC0935	Capsular polysaccharide synthesis enzyme CpsB	Outer Membrane	26	58	67	77	125
VC2002	DUF2860 domain-containing protein	Outer Membrane	49	46	74	74	89
VCA0625	TonB receptor-related protein	Outer Membrane	23	48	65	63	121
VC2011	OMP_b-brl domain-containing protein	Inner Membrane	16	48	43	71	110
VC1329	Opacity protein-related protein	Outer Membrane	24	39	52	61	100
VC0200	Iron(III) compound receptor	Outer Membrane	16	49	55	53	78
VCA0813	Aminopeptidase	Extracellular	122	13	32	23	19
VC1867	Lipid A deacylase LpxR family protein	Unknown	23	40	34	39	69
VCA0862	Long-chain fatty acid transport protein	Outer Membrane	22	47	38	37	60
VC1895	DUF1425 domain-containing protein	Unknown	23	40	38	29	69
VC2298	Lipoprotein, putative	Unknown	1	36	24	37	87
VCA0734	OMP_b-brl domain-containing protein	Unknown	16	29	43	36	60
VCA0594	Hemolysin	Unknown	2	32	31	47	71

VC2456	Uncharacterized protein	Outer Membrane	24	32	35	34	56
VC0942	Lipoprotein	Unknown	1	46	40	46	48
VC1362	Amino acid ABC transporter, periplasmic amino acid-binding protein	Periplasmic	14	48	42	29	45
VC1091	Oligopeptide ABC transporter, periplasmic oligopeptide-binding protein	Periplasmic	2	56	24	19	72
VC1835	Peptidoglycan-associated lipoprotein	Outer Membrane	8	23	19	21	52
VC1207	DUF3187 family protein	Outer Membrane	16	26	22	28	28
VC0171	Peptide ABC transporter, periplasmic peptide-binding protein	Periplasmic	11	16	20	36	37
VC2142	Flagellin B	Extracellular	0	25	16	25	48
VC1042	Long-chain fatty acid transport protein	Outer Membrane	7	18	27	25	30
VC0928	RbmA protein	Unknown	35	63	4	5	0
VC2197	Flagellar hook protein FlgE	Extracellular	2	25	10	13	56
VC2168	DUF2066 domain-containing protein	Unknown	0	17	7	16	66
VCA0812	Leucine aminopeptidase-related protein	Extracellular	11	12	34	17	25
VC0581	Penicillin-binding protein activator LpoA	Inner Membrane	1	28	8	7	51
VC0608	Iron(III) ABC transporter, periplasmic iron-compound-binding protein	Periplasmic	1	12	12	13	57
VCA0559	Solitary outer membrane autotransporter beta-barrel domain-containing protein	Unknown	9	15	21	27	21
VCA0064	TonB system receptor, putative	Outer Membrane	12	15	23	10	30
VC0954	LPS-assembly lipoprotein LptE	Outer Membrane	4	19	22	16	26
VC2187	Flagellin C	Extracellular	0	15	9	13	49
VCA0975	endopeptidase La	Cytoplasmic	32	15	18	12	7
VC2143	Flagellin D	Extracellular	3	12	16	12	38
VC0755	Peptidase B	Cytoplasmic	18	36	6	9	6
VC1043	Long-chain fatty acid transport protein	Outer Membrane	9	18	13	13	21
VC1703	Uncharacterized protein	Unknown	0	19	9	17	24
VC1064	Lipoprotein-related protein	Unknown	1	13	8	8	31
VCA0877	Hydrolase, putative	Unknown	4	13	15	21	7
VC2188	Flagellin A	Extracellular	0	8	7	10	32
VCA0573	DamX-related protein	Periplasmic	1	18	5	13	15
VC2299	Peptidyl-prolyl cis-trans isomerase	Periplasmic	5	10	10	13	14
VC1987	Outer membrane lipoprotein Slp, putative	Outer Membrane	1	14	5	11	19
VC2156	Outer membrane protein assembly factor BamC	Outer Membrane	0	13	2	4	30
VC1663	Heat shock protein HslJ	Unknown	0	10	1	0	38
VC1200	Trypsin, putative	Unknown	0	2	13	9	25
VC2198	Basal-body rod modification protein FlgD	Extracellular	0	6	2	6	32
VCA0219	Hemolysin	Extracellular	20	1	14	7	0
VC2141	Protein FlaG	Unknown	1	13	5	9	12
VC2204	Negative regulator of flagellin synthesis	Unknown	0	8	4	9	19
VC0402	MSHA biogenesis protein MshL	Outer Membrane	6	10	5	6	13
VC1896	Uncharacterized protein	Inner Membrane	1	10	11	4	11
VC0578	Hemolysin, putative	Periplasmic	0	6	7	13	10
VC0554	Protease, insulinase family/protease, insulinase family	Unknown	0	9	5	8	14
VC2200	Flagellar basal body rod protein FlgB	Periplasmic	0	6	4	9	16
VC0844	Accessory colonization factor AcfA	Outer Membrane	3	7	7	6	11
VC0762	Outer membrane protein assembly factor BamB	Outer Membrane	0	21	1	2	9
VCA1027	Maltose operon periplasmic protein, putative	Periplasmic	0	7	3	5	18

VC2251	Chaperone protein Skp	Periplasmic	0	10	3	9	9
VC2196	Flagellar basal-body rod protein FlgF	Periplasmic	0	6	4	7	13
VC1496	Tail-specific protease	Inner Membrane	0	8	4	6	12
VC2764	ATP synthase subunit beta	Cytoplasmic	4	9	10	4	2
VC0905	Probable D-methionine-binding lipoprotein MetQ	Inner Membrane	3	17	4	3	2
VC2128	Flagellar hook-length control protein FliK, putative	Extracellular	0	8	5	7	9
VC1195	Lipoprotein, putative	Outer Membrane	0	4	1	2	21
VCA0581	Peptidase M48 domain-containing protein	Unknown	0	12	1	2	12
VC1606	Outer membrane protein TolC	Unknown	2	9	3	7	6
VC1425	Putrescine-binding periplasmic protein	Periplasmic	0	12	4	1	10
VC0533	Lipoprotein NlpD	Outer Membrane	0	4	2	5	15
VCA0981	Solute-binding protein family 3/N-terminal domain-containing protein	Unknown	4	1	5	14	1
VC2550	YtfJ family protein	Inner Membrane	2	6	5	5	6
VC1887	Peptidoglycan-binding protein CsiV	Unknown	0	7	6	3	7
VC1622	Outer membrane protein, putative	Outer Membrane	0	6	6	4	7
VC2455	Phosphate ABC transporter substrate-binding protein	Inner Membrane	0	7	2	2	10
VC0132	Uncharacterized protein	Unknown	0	4	2	6	9
VCA0195	OMP_b-brl domain-containing protein	Outer Membrane	0	11	2	2	5
VC1834	Cell division coordinator CpoB	Unknown	0	3	1	2	14
VC0430	Immunogenic protein	Unknown	0	3	2	3	12
VC0274	DUF1481 domain-containing protein	Unknown	0	7	2	3	8
VCA0037	Copper chaperone PCu(A)C	Unknown	1	3	6	6	3
VC1929	C4-dicarboxylate-binding periplasmic protein DctP	Periplasmic	0	3	0	0	15
VCA0759	Arginine ABC transporter, periplasmic arginine-binding protein	Periplasmic	0	10	2	2	4
VCA0459	Lipoprotein	Unknown	0	5	1	3	9
VC2527	Lipopolysaccharide export system protein LptA	Unknown	0	7	1	2	8
VC0157	Alkaline serine protease	Extracellular	8	4	3	1	2
VC2144	Flagellin E	Extracellular	0	3	3	4	7
VC2140	Flagellar hook-associated protein 2	Extracellular	0	5	1	5	5
VC0708	Outer membrane protein assembly factor BamD	Outer Membrane	0	6	1	2	7
VC2378	DUF1499 domain-containing protein	Unknown	1	2	4	1	8
VC1334	Tricarboxylic transport TctC	Periplasmic	0	4	2	2	8
VCA0058	LysM domain-containing protein	Unknown	0	5	1	2	7
VC1267	DUF1513 domain-containing protein	Inner Membrane	1	2	3	2	7
VC0688	DUF2799 domain-containing protein	Unknown	0	1	1	2	11
VC0362	Elongation factor Tu-B	Cytoplasmic	1	8	2	1	2
VC0409	MSHA pilin protein MshA	Unknown	1	2	1	1	9
VCA0106	Sel1 repeat family protein	Cytoplasmic	0	4	2	3	4
VC2662	PhaC PHA synthase	Unknown	0	6	1	1	5
VC0973	VvgS protein	Unknown	0	6	0	2	5
VC2249	3-hydroxyacyl-[acyl-carrier-protein] dehydratase FabZ	Cytoplasmic	0	5	1	2	4
VC0414	DUF6701 domain-containing protein	Unknown	0	4	7	0	1
VCA1008	Outer membrane protein, putative	Outer Membrane	0	1	3	5	2
VC2199	Flagellar basal-body rod protein FlgC	Periplasmic	0	1	1	3	6
VC0194	Glutathione hydrolase proenzyme	Periplasmic	0	1	1	1	8
VC0480	Small-conductance mechanosensitive channel	Inner Membrane	1	9	0	0	0
VC2195	Flagellar basal-body rod protein FlgG	Extracellular	0	2	2	2	3

VC1424	Putrescine-binding periplasmic protein	Periplasmic	0	5	1	1	2
VC2664	Chaperonin GroEL 1	Cytoplasmic	0	6	0	0	2
VC0432	Malate dehydrogenase	Unknown	0	2	2	1	3
VC0648	Lipoprotein Nlpl	Inner Membrane	0	2	1	1	4
VCA0317	Outer membrane lipoprotein Blc	Outer Membrane	0	1	1	1	4
VC1560	Catalase-peroxidase	Cytoplasmic	0	5	1	0	1
VC0328	DNA-directed RNA polymerase subunit beta	Cytoplasmic	2	4	1	0	0
VCA0685	Iron(III) ABC transporter, periplasmic iron-compound-binding protein	Periplasmic	1	1	2	1	2
VCA0514	Putative ATP-dependent zinc protease domain-containing protein	Unknown	0	5	1	1	0
VC2191	Flagellar hook-associated protein 1	Extracellular	0	2	0	2	3
VC0450	Membrane-bound lytic murein transglycosylase C	Cytoplasmic	0	3	1	1	2
VC0851	Outer membrane protein assembly factor BamE	Outer Membrane	0	1	0	2	3
VC0341	Oligoribonuclease	Cytoplasmic	0	1	1	1	3
VCA0139	DUF3316 domain-containing protein	Unknown	0	5	0	0	1
VCA0059	Major outer membrane lipoprotein Lpp	Outer Membrane	0	2	0	0	4
VC2190	Flagellar hook-associated protein FlgL	Extracellular	0	2	1	0	3
VC1101	Uncharacterized protein	Unknown	0	2	0	1	3
VC1107	Outer-membrane lipoprotein carrier protein	Periplasmic	0	1	1	1	2
VC2181	Outer-membrane lipoprotein LoLB	Unknown	0	4	0	0	1
VC1585	Catalase	Periplasmic	0	3	1	0	1
VC0361	Elongation factor G 1	Cytoplasmic	1	1	1	2	0
VCA0552	Fatty acid cis/trans isomerase	Unknown	0	1	0	1	3
VCA0227	Iron(III) ABC transporter, periplasmic iron-compound-binding protein	Periplasmic	0	2	0	0	3
VC2562	2',3'-cyclic-nucleotide 2'-phosphodiesterase	Periplasmic	0	1	1	1	2
VC1638	DNA-binding response regulator	Cytoplasmic	0	0	0	2	3
VC0964	PTS system, glucose-specific IIA component	Cytoplasmic	0	0	2	0	3
VC2733	Secretin GspD	Outer Membrane	0	2	1	1	0
VC0948	Endolytic peptidoglycan transglycosylase RlpA	Unknown	0	1	0	3	0
VC0394	UvrABC system protein A	Cytoplasmic	0	3	0	0	1
VCA0722	Uncharacterized protein	Unknown	0	0	2	1	1
VCA0113	Type VI secretion system lipoprotein TssJ	Unknown	0	2	0	2	0
VC2517	Phospholipid-binding protein MlaC	Unknown	0	2	0	0	2
VC2341	Long-chain-fatty-acid--CoA ligase, putative	Cytoplasmic	0	3	1	0	0
VC1583	Superoxide dismutase [Cu-Zn]	Periplasmic	0	0	1	1	2
VC1266	Imelysin-like domain-containing protein	Unknown	0	1	0	0	3
VC0976	Protein QmcA	Unknown	0	1	0	0	3
VCA0539	UPF0312 protein VC_A0539	Unknown	0	2	0	0	1
VCA0197	GMP reductase	Cytoplasmic	1	1	0	0	1
VC2164	Putative beta-barrel assembly-enhancing protease	Unknown	0	1	0	0	2
VCA0900	Metallo-beta-lactamase domain-containing protein	Unknown	0	2	0	0	1
VCA0829	Acetyl-CoA synthase	Cytoplasmic	0	2	0	1	0
VCA0563	NAD(P) transhydrogenase subunit alpha	Inner Membrane	1	2	0	0	0
VCA0125	DUF3012 domain-containing protein	Unknown	0	0	2	0	1
VC2084	Succinate--CoA ligase [ADP-forming] subunit alpha	Cytoplasmic	0	2	0	0	1
VC1872	PrkA AAA domain-containing protein	Cytoplasmic	1	2	0	0	0

VC1863	Amino acid ABC transporter, periplasmic amino acid-binding protein	Periplasmic	0	2	0	1	0
VC1492	glutamate dehydrogenase	Cytoplasmic	0	0	2	0	1
VC1325	Autoinducer 2-binding periplasmic protein LuxP	Periplasmic	0	1	0	0	2
VC1162	Putative ATP-dependent zinc protease domain-containing protein	Cytoplasmic	0	1	0	0	2
VC2574	30S ribosomal protein S13	Cytoplasmic	0	1	1	0	0
VC2350	Deoxyribose-phosphate aldolase	Cytoplasmic	0	0	1	1	0
VC0445	Chaperone SurA	Periplasmic	0	1	0	0	1
VC2744	50S ribosomal subunit assembly factor BipA	Inner Membrane	1	1	0	0	0
VC2004	Haem-binding uptake Tiki superfamily ChaN domain-containing protein	Unknown	1	1	0	0	0
VC1952	Chitinase	Extracellular	0	0	1	0	1
VC1950	trimethylamine-N-oxide reductase	Periplasmic	0	0	1	0	1
VC1755	ABC-type transport auxiliary lipoprotein component domain-containing protein	Unknown	0	1	0	0	1
VC0174	SPOR domain-containing protein	Periplasmic	0	1	0	1	0