

Table S1. Expression of genes involved in motility and attachment in *V. harveyi* ORM4 biofilm cells (adjusted *p*-value < 0.05).

<i>Vibrio harveyi</i> ORM4 gene ID	Gene Name	FC	Log ₂ FC	Product
HORM4_180020	<i>flgN</i>	0.424	-1,2	Flagellar biosynthesis protein FlgN
HORM4_180021	<i>flgM</i>	0.27	-1,9	Negative regulator of flagellin synthesis FlgM
HORM4_180023	<i>cheV</i>	0.445	-1,2	Chemotaxis protein CheV
HORM4_180026	<i>flgB</i>	0.166	-2,6	Flagellar basal body rod protein FlgB
HORM4_180027	<i>flgC</i>	0.206	-2,3	Flagellar basal body rod protein FlgC
HORM4_180028	<i>flgD</i>	0.336	-1,6	Flagellar basal body rod modification protein FlgD
HORM4_180029	<i>flgE</i>	0.29	-1,8	Flagellar hook protein FlgE
HORM4_180037	<i>flaC</i>	0.373	-1,4	Flagellin protein FlaC
HORM4_180038	<i>flaD</i>	0.315	-1,7	Flagellin protein FlaD
HORM4_460050	<i>flaA</i>	0.236	-2,1	Flagellin protein FlaA
HORM4_460051	<i>flaG</i>	0.16	-2,6	Flagellar protein FlaG
HORM4_460052	<i>fliD</i>	0.342	-1,5	Flagellar hook-associated protein FliD
HORM4_460054	<i>fliS</i>	0.492	-1,0	Flagellar secretion chaperone FliS
HORM4_170051	<i>motA</i>	0.303	-1,7	Flagellar motor rotation protein MotA
HORM4_170052	<i>motB</i>	0.346	-1,5	Flagellar motor rotation protein MotB
HORM4_510008	<i>motY</i>	0.528	-0,9	Sodium-type flagellar protein MotY precursor
HORM4_1020003	<i>flgK</i>	2.785	1,5	Flagellar hook-associated protein FlgK
HORM4_1020004	<i>flgJ</i>	3.524	1,8	Peptidoglycan hydrolase FlgJ
HORM4_1020005	<i>flgI</i>	3.529	1,8	Flagellar P-ring protein FlgI
HORM4_1020006	<i>flgH</i>	6.099	2,6	Flagellar L-ring protein FlgH
HORM4_1020007	<i>flgG</i>	4.624	2,2	Flagellar basal body rod protein FlgG
HORM4_1020008	<i>flgF</i>	6.017	2,6	Flagellar basal body rod protein FlgF
HORM4_1020009	<i>flgE</i>	7.182	2,8	Flagellar hook protein FlgE
HORM4_1020010	<i>flgD</i>	6.211	2,6	Flagellar basal body rod modification protein FlgD
HORM4_1020011	<i>flgC</i>	6.328	2,7	Flagellar basal body rod protein FlgC
HORM4_1020012	<i>flgB</i>	16.766	4,1	Flagellar basal body rod protein FlgB
HORM4_970028	<i>fliJ</i>	3.437	1,8	Flagellar export protein FliJ
HORM4_970029	<i>fliI</i>	3.184	1,7	Flagellum-specific ATP synthase FliI
HORM4_970030	<i>fliH</i>	5.9	2,6	Flagellar assembly protein FliH
HORM4_970031	<i>fliG</i>	10.341	3,4	Flagellar motor switch protein FliG
HORM4_970032	<i>fliF</i>	9.928	3,3	Flagellar M-ring protein FliF
HORM4_970033	<i>fliE</i>	6.046	2,6	Flagellar hook-basal body complex protein FliE
HORM4_970034	<i>lafK</i>	5.743	2,5	Sigma-54 dependent transcriptional regulator LafK
HORM4_970035	<i>motY</i>	5.752	2,5	Component of sodium-driven polar flagellar motor MotY
HORM4_970037	<i>fliM</i>	11.904	3,6	Flagellar motor switch protein FliM
HORM4_970038	<i>fliN</i>	8.238	3,0	Flagellar motor switch protein FliN
HORM4_970039	<i>fliP</i>	8.843	3,1	Flagellar biosynthesis protein FliP
HORM4_970040	<i>fliQ</i>	5.388	2,4	Flagellar biosynthesis protein FliQ
HORM4_970041	<i>fliR</i>	4.438	2,2	Flagellar biosynthesis protein FliR
HORM4_970044		3.666	1,9	Conserved protein of unknown function
HORM4_970045	<i>lafA</i>	3.34	1,7	Lateral flagellin LafA
HORM4_980002	<i>fliS</i>	3.493	1,8	Flagellar secretion chaperone fliS
HORM4_980004	<i>fliK</i>	5.265	2,4	Flagellar hook-length control protein FliK
HORM4_980005	<i>fliL</i>	6.452	2,7	Flagellar basal body-associated protein FliL

HORM4_980006	<i>fliA</i>	2.412	1,3	RNA polymerase sigma factor for flagellar operon FliA
HORM4_980007	<i>motA</i>	2.576	1,4	Flagellar motor rotation protein MotA
HORM4_700005	<i>flp</i>	29.13	4,9	Flp pilus assembly protein, pilin Flp
HORM4_700006	<i>tadV</i>	52.965	5,7	Type IV prepilin peptidase TadV
HORM4_700007	<i>cpaB</i>	21.33	4,4	Flp pilus assembly protein CpaB
HORM4_700008	<i>cpaC</i>	20.681	4,4	Type II/IV secretion system secretin CpaC, associated with Flp pilus assembly
HORM4_700009		37.605	5,2	Conserved exported protein of unknown function
HORM4_700010		23.155	4,5	Conserved protein of unknown function
HORM4_700011	<i>tadA</i>	18.403	4,2	TadA type II/IV secretion system ATP hydrolase
HORM4_700012	<i>tadB</i>	20.76	4,4	Flp pilus assembly protein TadB
HORM4_700013	<i>tadC</i>	20.825	4,4	Type II/IV secretion system protein TadC, associated with Flp pilus assembly
HORM4_700014	<i>tadD</i>	24.047	4,6	Flp pilus assembly protein TadD
HORM4_700015		23.852	4,6	TadE-like protein
HORM4_700016		11.177	3,5	Conserved protein of unknown function
HORM4_700017		21.176	4,4	Conserved protein of unknown function
HORM4_920006	<i>papC</i>	0.026	-5,2	P pilus assembly protein, porin PapC
HORM4_920007	<i>papD</i>	0.014	-6,2	P pilus assembly protein, chaperone PapD
HORM4_370020	<i>mshA</i>	0.289	-1,793	MSHA pilin protein MshA

Table S2. *V. harveyi* ORM4 Tad proteins and amino acidic percentage of identity with Tad proteins of *V. vulnificus* CMCP6.

<i>Vibrio harveyi</i> ORM4 gene ID	% aa identity	<i>Vibrio vulnificus</i> CMCP6 gene ID	<i>Vibrio vulnificus</i> CMCP6 protein
HORM4_700005	41,5	vv1_3224	Flp
HORM4_700006	29,5	vv1_2329	TadV
HORM4_700007	23,64	vv1_2330	RcpC
HORM4_700008	31,14	vv1_2331	RcpA
HORM4_700011	51,8	vv1_2334	TadA
HORM4_700012	30,2	vv1_2335	TadB
HORM4_700013	24,9	vv1_2336	TadC
HORM4_700014	22,9	vv1_2337	TadD
HORM4_610121	46,2	vv2_0084	Flp
HORM4_610122	44,6	vv2_0085	RcpC
HORM4_610123	71,9	vv2_0086	RcpA
HORM4_610124	32,2	vv2_0087	RcpB
HORM4_610125	56,2	vv2_0088	TadZ
HORM4_610126	86	vv2_0089	TadA
HORM4_610127	63,3	vv2_0090	TadB
HORM4_610128	56,6	vv2_0091	TadC
HORM4_610129	53,7	vv2_0092	TadD
HORM4_610130	42,8	vv2_0093	TadE
HORM4_610131	47,9	vv2_0094	TadF
HORM4_610132	48,4	vv2_0095	TadG
HORM4_430096	48,1	vv1AM_1569	Flp-a

HORM4_430098	34,1	vv1_1746	TadV
HORM4_430099	62,4	vv1_1747	ATP-ase
HORM4_430100	61,5	vv1_1748	RcpC
HORM4_430101	70,8	vv1_1749	RcpA
HORM4_430102	49,3	vv1_1750	RcpB
HORM4_430103	53,8	vv1_1754	TadG
HORM4_430104	75,6	vv1_1755	TadA
HORM4_430105	57,6	vv1_1756	TadB
HORM4_430107	55,8	vv1_1757	TadC
HORM4_430108	55,2	vv1_1758	TadD

Table S3. *V. harveyi* ORM4 CPS proteins and amino acidic percentage of identity with CPS proteins of *V. parahaemolyticus* RIMD2210633.

<i>Vibrio harveyi</i> ORM4 gene ID	% aa identity	<i>Vibrio parahaemolyticus</i> RIMD2210633 gene ID	<i>Vibrio parahaemolyticus</i> RIMD2210633 protein
HORM4_940043	86.27	vpa1403	CpsA
HORM4_940044	71.32	vpa1404	CpsB
HORM4_940045	89.83	vpa1405	CpsC
HORM4_940046	85.53	vpa1406	CpsD
HORM4_940047	71	vpa1407	CpsE
HORM4_940048	78.57	vpa1408	CpsF
HORM4_940049	73.12	vpa1409	CpsG
HORM4_940050	86.96	vpa1410	CpsH
HORM4_940052	76.38	vpa1411	CpsI
HORM4_940053	67.36	vpa1412	CpsJ
HORM4_940054	72.8	vpa1413	CpsK

Table S4. Expression of genes associated to the *cps* cluster in *V. harveyi* ORM4 biofilm cells.

<i>Vibrio harveyi</i> ORM4 gene ID	FC	Log ₂ FC	Adjusted <i>p</i> -value
HORM4_940043	2.192	1.132	0.05
HORM4_940044	1.503	0.588	0.3
HORM4_940045	1.463	0.549	0.32
HORM4_940046	1.33	0.412	0.51
HORM4_940047	0.946	-0.08	0.89
HORM4_940048	1.198	0.26	0.62
HORM4_940049	1.107	0.147	0.8
HORM4_940050	1.486	0.572	0.22
HORM4_940052	1.382	0.467	0.4
HORM4_940053	1.431	0.517	0.30
HORM4_940054	1.636	0.71	0.15