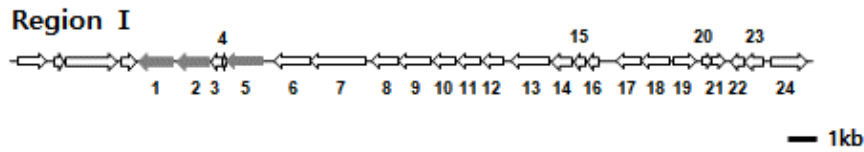


1 **Table S1. Gene numbers and annotation of ORFs in the Regions I and II of flagellar**
 2 **assembly in *V. vulnificus* MO6-24/O**



3

4	No. Gene No. ⁽¹⁾	Functions/Structures ⁽²⁾	Gene name
5	1. VVMO6_02251	flagellin-like protein	<i>flaE</i>
6	2. VVMO6_02252	flagellin	<i>flaD</i>
7	3. VVMO6_02253	hypothetical protein	-
8	4. VVMO6_02254	hypothetical protein	-
9	5. VVMO6_02255	flagellin	<i>flaC</i>
10	6. VVMO6_02256	flagellar hook-associated protein (HAP3)	<i>flgL</i>
11	7. VVMO6_02257	flagellar hook-associated protein (HAP1)	<i>flgK</i>
12	8. VVMO6_02258	peptidoglycan hydrolase	<i>flgJ</i>
13	9. VVMO6_02259	P-ring protein	<i>flgI</i>
14	10. VVMO6_02260	L-ring protein	<i>flgH</i>
15	11. VVMO6_02261	basal-body rod protein	<i>flgG</i>
16	12. VVMO6_02262	basal-body rod protein	<i>flgF</i>
17	13. VVMO6_02263	hook protein	<i>flgE</i>
18	14. VVMO6_02264	flagellar hook-scaffolding protein ⁽³⁾	<i>flgD</i>
19	15. VVMO6_02265	basal-body rod protein	<i>flgC</i>
20	16. VVMO6_02266	basal-body rod protein	<i>flgB</i>
21	17. VVMO6_02267	chemotaxis protein methyltransferase	<i>cheR</i>
22	18. VVMO6_02268	CheW-like coupling protein ⁽⁴⁾	<i>cheV</i>
23	19. VVMO6_02269	basal-body P-ring formation protein	<i>flgA</i>
24	20. VVMO6_02270	anti- σ^{28} factor	<i>flgM</i>
25	21. VVMO6_02271	FlgKL-specific chaperone ⁽⁵⁾	<i>flgN</i>
26	22. VVMO6_02272	flagellar lipoprotein ⁽⁶⁾	<i>flgP</i>
27	23. VVMO6_02273	flagellar membrane protein ⁽⁶⁾	<i>flgO</i>
28	24. VVMO6_02274	basal-body associated protein ⁽⁷⁾	<i>flgT</i>

29

Region II



30

— 1kb

No.	Gene No. ⁽¹⁾	Functions/Structures ⁽²⁾	Gene name
32	1. VVMO6_00807	flagellin-like protein	<i>flaF</i>
33	2. VVMO6_00808	flagellin	<i>flaB</i>
34	3. VVMO6_00809	flagellin	<i>flaA</i>
35	4. VVMO6_00810	truncated flagellin	<i>flaG</i>
36	5. VVMO6_00811	flagellar hook-associated protein (HAP2)	<i>fliD</i>
37	6. VVMO6_00812	potential chaperone	<i>flaI</i>
38	7. VVMO6_00813	flagellin-specific chaperone	<i>flaJ (fliS)</i>
39	8. VVMO6_00814	flagellar regulatory protein	<i>flaK (flrA)</i>
40	9. VVMO6_00815	flagellar sensor histidine kinase	<i>flaL (flrB)</i>
41	10. VVMO6_00816	flagellar regulatory protein	<i>flaM (flrC)</i>
42	11. VVMO6_00817	hook-basal body complex protein	<i>fliE</i>
43	12. VVMO6_00818	M-ring protein	<i>fliF</i>
44	13. VVMO6_00819	motor switch protein	<i>fliG</i>
45	14. VVMO6_00820	flagellar export/assembly apparatus ⁽⁸⁾	<i>fliH</i>
46	15. VVMO6_00821	flagellar export/assembly ATPase ⁽⁸⁾	<i>fliI</i>
47	16. VVMO6_00822	flagellar export/assembly apparatus ⁽⁹⁾	<i>fliJ</i>
48	17. VVMO6_00823	hook-length control protein	<i>fliK</i>
49	18. VVMO6_00824	stator-associated protein ⁽¹⁰⁾	<i>fliL</i>
50	19. VVMO6_00825	motor switch protein	<i>fliM</i>
51	20. VVMO6_00826	motor switch protein	<i>fliN</i>
52	21. VVMO6_00827	flagellar export/assembly apparatus	<i>fliO</i>
53	22. VVMO6_00828	flagellar export/assembly apparatus	<i>fliP</i>
54	23. VVMO6_00829	flagellar export/assembly apparatus	<i>fliQ</i>
55	24. VVMO6_00830	flagellar export/assembly apparatus	<i>fliR</i>
56	25. VVMO6_00831	flagellum-specific transport apparatus ⁽¹¹⁾	<i>flhB</i>
57	26. VVMO6_00832	flagellum-specific transport apparatus ⁽¹¹⁾	<i>flhA</i>
58	27. VVMO6_00833	flagellar biosynthesis protein	<i>flhF</i>

59	28. VVMO6_00834	flagellar biosynthesis regulator	<i>flhG</i>
60	29. VVMO6_00835	sigma F, σ^{28}	<i>fliA</i>
61	30. VVMO6_00836	signal transduction to motor ⁽⁴⁾	<i>cheY</i>
62	31. VVMO6_00837	phosphatase dephosphorylating CheY ⁽⁴⁾	<i>cheZ</i>
63	32. VVMO6_00838	histidine kinase phosphorylating CheY/B ⁽⁴⁾	<i>cheA</i>
64	33. VVMO6_00839	chemotaxis protein methylesterase ⁽⁴⁾	<i>cheB</i>
65	34. VVMO6_00840	SOJ-like ATPase	-
66	35. VVMO6_00841	hypothetical protein with CheW-domain	-
67	36. VVMO6_00842	histidine kinase-coupling protein ⁽⁴⁾	<i>cheW</i>
68	37. VVMO6_00843	hypothetical protein with ATPase activity	-

69

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