

## SUPPLEMENTAL TABLES

Table 1. Motif sites in *Pasteurellaceae* promoters. *A.a.* and *M.h.* genomes are not annotated.

Gene	Sequence	<i>H.i.</i> ortholog
<i>H. influenzae</i>		
HI0439	TTTTGCGATCCGCATCGTAAAA	<i>comA</i>
HI1008	TTTTGCGATCGAGATCGCAAAA	<i>comE1</i>
HI1117	TTTTGCGATCTAGATCGCAAAA	<i>comM</i>
HI0985	TTTTGCGATCTGCATCGCAAAA	<i>dprA</i>
HI0299	TTTTGCGATCAGGATCGCAGAA	<i>pilA</i>
HI0952	TTTTACGATATGCATCGCAGAT	<i>radC</i>
HI0061	TTTTACGATATGGATCGCAAAA	<i>rec2</i>
HI0250	TTTTGCGATCATTATCGCATAT	<i>ssb</i>
HI0365	ATTTGCGATCTAGATCGCAAAA	
HI0660	TTTTGCGATCTAGATCGAAAGA	
HI0938	CTTTGCGATACAGATCGCAAAA	
HI1182	TTTTGCGATTTAGATCGAAAAA	
HI1631	TTTTGCGATTCAGATCCCAAAC	
<i>M. succiniciproducens</i>		
MS1974	TTTTACGATCTTCATTCAAAAA	<i>comA</i>
MS0826	CGGAACGAAAATAATGGCAAAA	<i>comE1</i>
MS2234	TATTGCGATAAAGATCGAAAAA	<i>comF</i>
MS1998	TTCTGCGAGCCGGATCTCAAAG	<i>comM</i>
MS0041	TTTTTCGAGCCGTATCGTAAAA	<i>dprA</i>
MS0364	TTTTGCGATCCTGCTCGAGAAT	<i>pilA</i>
MS1940	TTTTGCGATCCGTTTCAAAAAA	<i>radC</i>
MS0931	AAAGGCGATATAAATAGCAGAA	<i>rec2</i>
MS0585	AATTGCGAGCATTATCGCATAT	<i>ssb</i>
MS1916	AATTGGAATCACTATCGCAAAA	HI0365
MS0724	TATTGCGATCCTGATCGTAAAA	HI0938
MS0939	TTTATCGATCTTCACCGCAAAT	HI1182
<i>A. actinomycetemcomitans</i>		
Not ann.	TTTTGCGATCCGCATCGAAAAT	<i>comA</i>
	TTTTGCGACCGGGATCCCAAAA	<i>comE1</i>
	TTTTGCGAGGCGGATCCTAAAC	<i>comF</i>
	TTCTGCGATCCCGATCGCAAAA	<i>comM</i>
	AATTACGATCCGGATCACAAAT	<i>dprA</i>
	TTTTGCGATCGGGATCCCATAA	<i>pilA</i>
	TTTTGTGATTCAGTTTCCAATA	<i>rec2</i>
	ATTTGCGATAATTATCGCATAT	<i>ssb</i>
	TTCTTCGATCCTGATCACAAAA	HI0365
	CTTTGCGATCCTGCTCGCAAAA	HI0938
	ATTTGGGATCGCCGTCGAAAA	HI1182
<i>P. multocida</i>		
PM1229	TTTTGCGATCCGCATCGGGAAA	<i>comA</i>

PM1665	TTTTTCGATCTTCATCTCAAAA	<i>comE1</i>
PM1556	TTTTGCGATGCGTGTCGCAAAA	<i>comF</i>
PM1510	TTCTGCGATCTAGATCGTAAAA	<i>comM</i>
PM1599	TTTTACGATCATCCTCACAAACC	<i>dprA</i>
PM0084	TTTTGCGATAAAGATCGAAAAA	<i>pilA</i>
PM1152	TTTTGCGATCTTATTTCCAGAG	<i>radC</i>
PM0862	AAAAGCGTTATAAATAGCAGAA	<i>rec2</i>
PM1950	AATTGCGTTCATTATCGCACAT	<i>ssb</i>
PM2007	TTTCACGATCGAGATCGCAAAA	HI0365
PM0965	TTTTGCGATCTGCATCTCAAAA	HI0938

*H. somnus*

Haso1896	TTTTGCGATCCTCATCGTAAAA	<i>comA</i>
Haso1520	TTTTGCGATCTTGATCGTAAAA	<i>comE1</i>
Haso0188	TTTTGTGATTAAGATCGAGAAA	<i>comF</i>
Haso2123	TTTTACGATCCGGATCGCAAAA	<i>comM</i>
Haso1155	TTTTTCGACATATCTCGCAAAA	<i>dprA</i>
Haso1470	TTTTGCGAGTCGGCTCGCAGAA	<i>pilA</i>
Haso1690	TTTTACGATCCAGATCGTAAAA	<i>pilB</i>
Haso0903	TTTTGCGATCTTGATCGTAAAA	<i>pilC</i>
Haso1869	TTTTGCGATTTTGCACGCAAAA	<i>radC</i>
Haso1385	TTTTGTGATTTGTATTCCAAGA	<i>rec2</i>
Haso0534	ATTTGCGATCCGGATCGCATAA	HI0365
Hsom0256	TTTTGCGATCTGTATCGTAATT	HI0938
Haso1003	TTTTGCGATCTCTCTCGCAAAT	HI1182

*H. ducreyi*

HD0427	TTTTGCGATCTTCATCGAAAAA	<i>comA</i>
HD0650	TTTCTCGATCAAAATCGCAAAA	<i>comE1</i>
HD0209	TTTTTCGACTTATATCGCAAAA	<i>comF</i>
HD1870	TTTTGCGATCACGATCGTGAAA	<i>comM</i>
HD1888	TTTTGTGATCTCAATCGAAAAA	<i>dprA</i>
HD1123	TTTTGCGATATAGATCGAATAA	<i>pilA</i>
HD0732	TTTTGCGATCTCCCTCGAAAAA	<i>radC</i>
HD1256	TTTTGCGATCTTGATCGAAATT	<i>rec2</i>
HD0319	TTTTGCGACATTGATCGCAAAA	HI0365
HD0182	TTTTGCGATCAAGATCGTGAAA	HI0938

*A. pleuropneumoniae*

Aple1014	TTTTGCGATCTTCATCGAAAAA	<i>comA</i>
Aple2116	TTTCTCGATCCTGATCGCAAAA	<i>comE1</i>
Aple1940	TTTTCCGATCCGTATCGCAAAA	<i>comF</i>
Aple1780	TTTTGCGATCCTGATCGAGAAA	<i>comM</i>
Aple1929	TTTTGTGATCTCAATCGAAAAA	<i>dprA</i>
Aple0139	TTTTGCGATACGGATCGCAGAA	<i>pilA</i>
Aple0635	TTTTGCGATCCGTGTCGAAAAA	<i>radC</i>
Aple0700	TTTTGCGATCAGGATCGAAGAA	<i>rec2</i>
Aple1575	TTTTGCGATCTTGATCGCAAAC	HI0365
Aple0828	TTTTGCGATCAAGATCGAATAA	HI0938

*M. haemolytica*

Not ann.	TTTTGCGATCCGCATCGAAAAA	<i>comA</i>
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no promoter sequence	<i>comE1</i>
TTTTTCGAGCGATGTCACAAAA	<i>comF</i>
no promoter sequence	<i>comM</i>
TTTTGTGATCTCTCTCGAAAAG	<i>dprA</i>
TTTTTCGATCTGCGTCGAAAAA	<i>pilA</i>
TTTTGCGATCTTGCTCGAAAAA	<i>radC</i>
TTTTGCGAACTGTGTCGAAAAT	<i>rec2</i>
no promoter sequence	HI0366
TTTTGCGATCTGCATCGAAAAA	HI0938

Table 2. Motif sites in *Pasteurellaceae* CRP-N-ortholog promoters.

Gene	Sequence	<i>H.i.</i> ortholog
<i>H. influenzae</i>		
HI1434.1	TTTTGTGATCTACTTATCATTTT	<i>cspD</i>
HI1615	TATTTTGGCTTTGGCTAACATAA AATTGTGCTTAGGATAAAAATTT	<i>purE</i>
HI0745	TTATGTGATCGAGATCATAAAT	<i>ansB</i>
HI0287	TGATGTGAAAAATTCAATATTC	<i>mtr</i>
HI1350	ATAAGTGATCAAGATCACAGTT	<i>cdd</i>
HI0534	AAATGTGATCTTCATCAAGTTT	<i>aspA</i>
HI0131	AACTGTGAACTTCATCACGGTA	<i>afuA</i>
HI0835	TTTTTTGAGGTAGATCACAAAA	<i>frdA</i>
HI0610	AAGTGCGGTTCGGTTTCACACCA	<i>fucR</i>
HI1356	ATTATTGACGAAGATCACACTT	<i>malQ</i>
HI1210	AAATGTGAACTAGATCATAGAA	<i>mdh</i>
HI0822	ATTTGTGACATGGATCACAAAT	<i>mglB</i>
HI0053	AACTGTGGCGTGGATCACAGTT	
HI0035	AAATGTGACGAACGTATCATTTT	
HI1112	AACTGTGATCCACGCCACAGTT	<i>xylA</i>
HI1111	AACTGTGGCGTGGATCACAGTT	<i>xylF</i>
HI0815	AATTGTGATCTAGTACACAGTT	<i>uspA</i>
HI1662	GAGTTTGAAC TAGATCACAAAT	<i>sucA</i>
HI0809	AAATGAGATCTACTTAACATTT ATTTTTGCTCTATATCACAATA	<i>pckA</i>
HI1218	TTCTGTGATCCATCTCACAATC	<i>lctP</i>
HI0398	TTTTGTGACTCACTTCAAACCTC	
HI0145	AAATGAGAAGTTGATCACATTT	
HI0146	AAATGTGATCAACTTCTCATTT	
HI1675	AATTATGATTTAAATCAATAAA	<i>moaC</i>
HI0608	TTTGTTGCTCTCGATCACATTT	
HI0590	TGGTGTGGTACAACCTCACCATT	<i>potE</i>
HI0501	TTTTGTGATCAATATCCCAAAT	<i>rbsD</i>
HI0592	GTTTTTGACTAAGATCACATTT	
HI1227	TTAAATGAACAAGGTTACATTA	<i>uraA</i>
HI0740	AAATGTTAAGTAGATCAAAAAA	<i>yhxB</i>
HI0804	TTTTGTAAACACTTCACATTT	
HI1124	TTATTAGACACAACCTCACAAAA	<i>oppA</i>
HI0686	TTTTGTGATATTGATCACAATA	<i>glpT</i>

HI1010	ATTTGTGAAACACTTCACATTT	
HI1645	TTCTGTGATCTAGATCTCAGAT	
HI1030	TTTTGTGATAAAGATCTCATT	<i>fbp</i>
HI1031	TAATATAAAAACGAATCACATTT	
HI1315	AAATAGGATCTAGATCACAAAA	
HI1126	TTCTGTGATCCATCTCACAATC	
HI0289	ATTTGTGACTTGTATCACATTT	
HI1245	AAATTTTAACTTGATCACAATT	<i>sdaC</i>
	TTTTTTTGCTTTGATTTACAATA	
	AATTGTGACGAACTGCAAACCTT	

*M. succiniciproducens*

MS0956	TTATTTGAACAAGATCACAATT	HI0053
MS0698	TTTTGTAACTTGATCACAATT	HI0053
MS1915	TTCTTTGAAGTAAATCACAAAT	HI0608
MS1583	ATTTGTGAACCATCTCACGGTA	<i>afuA</i>
MS2050	TCTTGTGAACTAGATCAAAAAA	<i>ansB</i>
MS1984	AAATTTGATTTAGATCACATTA	<i>aspA</i>
MS1095	TTTTGTGATCTCCGTTAAATTT	<i>cspD</i>
MS1615	AAATGTGCGTGAGATCACATTG	<i>fbp</i>
	AAATGATAGGTCTAACACAATA	
MS1652	TTTTTTGAGGTAGATCACAAAA	<i>sdhA</i>
MS1991	TATTGTGACTAAAATCACAAAT	<i>glpT</i>
MS0753	TTTTGTAACTAAGTCACAATT	<i>lctP</i>
MS1124	TAATTTGAGTTAGATCACATAA	<i>malQ</i>
MS0643	TATTGTGAAAGCGATCACAGTA	<i>mglB</i>
MS1022	TTTTTTTATAAAAAACACATTA	<i>moaC</i>
MS2373	TTTTGTGATCTACGGCACAATT	<i>xylA</i>
MS0771	GCCTGAGAGATAAATCACAAAA	<i>yhxB</i>
MS1981	TTTTGTGATCTTTGTCTCAGTT	HI1010
MS0393	ATTTGTGGGTCAAAACTCATTA	HI1126
MS0349	ATTTTTGCCGATCATAACATAA	<i>uspA</i>
	AAACGTGATCTAGTGCAAATTT	

*P. multocida*

PM1071	AAATGTGATTACGGTTAAATTT	HI0035
PM1711	ATATGCGACAAAAGATCTCAAAT	HI0145
PM1709	TTTTGTGACGAACTATCATTT	HI0146
PM0805	AACGTGATGGATATCACAAAT	HI0592
PM1167	TTTTATGCGCTTGTTACAAAT	HI0608
PM0599	TAAGGTAATGAGGTTAACGTTT	HI0804
PM1366	TTTTGAGATCTCGATCGCAGAT	HI1010
PM1256	AAATGGGATCTTGATCACAAAA	HI1031
PM0002	TACTGTGTTTTAGGTCACGTTT	HI1245
PM0597	ATTTATGATCATGCTCATATTG	HI1315
	ATTTGTGATCTAACTCACCATG	
PM0953	TTTTGTGATAACTCTCACGGTA	<i>afuA</i>
PM0550	AAATTTGAGTTAGATCTCACTA	<i>mdh</i>
PM0156	TTATTTGATCCAGTTCACAGAT	<i>rbsD</i>
PM1103	AAGTGTTAACAGGATCAAATTA	<i>aspA</i>
	AAATGTGACGGCGATCAAATAT	

PM0481	TTTTGTGATCTCGGTTTGATTT	<i>cspD</i>
PM0930	AAATGTGTCGAAGATCACATTG	<i>fbp</i>
PM0201	TTTTTTGAGGTAGATCACGAAA	<i>frdA</i>
PM1443	AATTGTGACAGACATCACAAAT TTTTGTGAAATCACTCACAAAT	<i>glpT</i>
PM1852	ATGTGTGAGTTTTGTTCACAGAA	<i>lctP</i>
PM0540	TATCTTGACGAAGATCACTAAT	<i>malQ</i>
PM1038	AAGTGTGATCAAGGTAACAGTT AAATGTGAGTGAGATCACAGTC	<i>mglB</i>
PM1192	AATTGCGTTGTTAACAATAAAT	<i>mtr</i>
PM1910	AAAAATGATTTTCTCCACTTTT TTATCAAAAATAGCTCACAAAT	<i>oppA</i>
PM1542	TTCTTTGACATAAATCATATAA AATTTTGATCAAGCTAACAGTT	<i>pckA</i>
PM0619	AAATGTAGTTAGGATATGATTT	<i>purE</i>
PM0277	AAGTGCACAGAGATCAAAAAA GTTAATGCTCTGTTACACAATT	<i>sucA</i>
PM1286	AAACGTGATCTAAGGCATATTT	<i>uspA</i>
PM1074	CAAAGTGACTCAGTTCAAATAA	<i>yhxB</i>

*H. ducreyi*

HD0372	TTTTGTGAATAAGATCAAAGAA	<i>ansB</i>
HD0030	TTTATTGAGGTAGATCACAAAA	<i>frdA</i>
HD0264	GAATTTGCTTTATTTACATTA	<i>mdh</i>
HD1428	AAGTTTGATTTATAGCAAATTT AAATGCGATCTAGTTCAAGTTT	<i>uspA</i>
HD1331	TTTTTTGAAATTGATTATAATT AAATTTGAAGTACTTAATATTT AAATATGATGAATATCATTTAA	<i>pckA</i>
HD1852	AAATAGGATCTTAGTCACAATT	<i>nanE</i>
HD0868	TAATTTGAACTCCTTCACATTT	HI0608
HD1150	ACTTTTGAAAACGCTCACATTT AAATGTGGGGCATTTACACAATT	<i>glpT</i>
HD0702	CATTGTGATCAATGTCACAAAA	<i>fbp</i>
HD0357	AATTTTGAAAGTCATTCACATTT	HI1126
HD1143	AAACTCTAGCTAGATCACAAAA	<i>sdaC</i>

Table 3. Motif sites in *Enterobacteriaceae* CRP-S-ortholog promoters.

Gene	Sequence	<i>H.i.</i> ortholog
<i>E. coli</i>		
b3395	ATCTGCATCGGAATTTGCAGGC TAAATCGAGCCTGCTCCCAGCA	<i>comA</i>
b0442	ATCCTGAAGCCGCCTCGCAAAA GCTTTCGCGGCCCTTTCCATTT	<i>comE1</i>
b3413	AAATGCGAGCTAAGTTCCCTCGT	<i>comF</i>
b3765	TTTTGCGAGCATCATTCACCCG	<i>comM</i>
b3286	CTTTGCGAAGCCGCTCGTCCGG	<i>dprA</i>
b0108	TTCTTCGTAACGCCTCGCAAAT	<i>pilA</i>

b3638	CTTTGCGAGGCGCTTTCCAGGA	<i>radC</i>
b0913	AAC TGGAAGCTGCCTCGCAGAG	<i>rec2</i>
	ATATGCCTCGGGGAACGCAAAA	
b2826	TTCTTCGAGACGCCTTCCCGAA	HI0938
<i>S. typhimurium</i>		
STM3492	ACCTGCATCGGAATTTGCAAAC	<i>comA</i>
	TAAATCGAGCCTGCTCCCAGCA	
STM0453	ATCGTCGAGGCGTTTCGCAAAAA	<i>comE1</i>
	GCTTTCGCGGCCCTTTTCCATTT	
STM3510	AAATGCGAGCCGAGTTCCCTCGC	<i>comF</i>
STM3899	TTCTGCGAGCGTTCTTCCAGTT	<i>comM</i>
STM3405	C TTTGCGAAGGCGCTCGTCCGG	<i>dprA</i>
STM0144	ATATTCTGTAGCGCCTCGCAATA	<i>pilA</i>
STM3729	C TTTGCGAGGCGCTACGCAAGA	<i>radC</i>
STM0983	AAC TGAAAAACGTTTTCGCATTT	<i>rec2</i>
STM4256	ACCTGGAACCTGCATCGCAGCT	<i>ssb</i>
STM3000	ATCTTCGGCGCGCATTCCTGAA	HI0938
<i>Y. pestis</i>		
y3925	ACCTGCATAGGTGTTTGCAGCC	<i>comA</i>
	AATATCGAGGCTGCTCCCAGTA	
y1032	AACCGCAATAAGCTTTCGCATTC	<i>comE1</i>
	GCTTTCGGCGACCTTTCGCATAT	
y0334	TTTTGCATACCTCATCGCAGTT	<i>comM</i>
	TTTCTCGTGAGCTTTCGCAAAC	
y4024	TTTTGCGCAGCCGTTTCGTCTGG	<i>dprA</i>
y0761	TCCGTCAATACGCCCGCAATT	<i>pilA</i>
	TTTTGCGAGTGCCGCCGAAGTT	
y0092	ATTTGCGAGACGTCACGCATGC	<i>radC</i>
y2778	GGTTTCGATACATCCCGCATTT	<i>rec2</i>
y0582	AAC TGCAATATATTTTCGCAGTT	<i>ssb</i>
y3170	AAATGCGAGTCGTATCGCAGAC	HI0938
	TTTTGCGTACCGCTTCCAACAC	

Table 4. Motif sites in *Enterobacteriaceae* CRP-N-ortholog promoters.

Gene	Sequence	<i>H.i.</i> ortholog
<i>E. coli</i>		
b3685	CATATTGATTTAATTCGTAATG	HI0035
b2736	TTATGTGAATCAGATCACCATA	HI1010
b3577	AATTGTGGTTAAAGTCGCATTA	HI1030
b3575	AAGTGTGCCGTAGTTCACGATC	HI1031
b2463	ATGAGTGCGTTAATTCACACTT	HI1245
b3679	AATTCGCTGGAGATCACATTT	HI1315
b2143	ATTTGCGATGCGTCGCGCATTT	<i>cdd</i>
	TAATGAGATTCAGATCACATAT	
b0880	ATCAGCGACATCTGTCACATTC	<i>cspD</i>
b2240	TTGTTTGATTTTCGCGCATATTC	<i>glpT</i>
	AAACGTGATTTTCATGCGTCATT	

b3417	ATGTGTGCGGCAATTCACATTT TTCCTGCGCTGTATTGCATTGAT TTAAGTGGTTGAGATCACATTT	<i>malQ</i>
b2150	ATCTGTGAGTGATTTTCACAGTA	<i>mglB</i>
b3403	GAATGCGATTCCACTCACAATA ATCTATGAGCCTTGTCGCGGTT	<i>pckA</i>
b2796	ATTTGAGATCAAGATCACTGAT	<i>sdaC</i>
b3565	ATTTATGACCGAGATCTTACTT TTTTGCGAGCGAGCGCACACTT	<i>xylA</i>
b3566	AAGTGTGCGCTCGCTCGCAAAA AAGTAAGATCTCGGTCATAAAT	<i>xylF</i>
b2801	TAAAGTGATGGTAGTCACATAA AAGTGTGACCGCCGTCATATTA	<i>fucP</i>
b3603	ATCTGACCTCTGGTTCACAATT	<i>lctP</i>
b3748	CGTTTCGAGGTTGATCACATTT	<i>rbsD</i>

*S. typhimurium*

STM2183	ATTTGCGATACGTCGCGCATTT CAATGAGATTTAGATCACATAT	<i>cdd</i>
STM2970	ATTTGAGATCGGGATCACTGAT	<i>sdaC</i>
STM3881	CGTTTCGACGGCGATCACAATT	<i>rbsD</i>
STM0943	ATCCGCGACATCTGTCACATTC	<i>ospD</i>
STM3668	AAGTGTGTTGCAGTTCACGATA	HI1031
STM2283	ATGTTTGATTTTCGCGCATAATC AAACGTGATTTTCGTGCGCCTTT ATATGTGCTGTAATTCACATTA	<i>glpT</i>
STM2974	TTAATTGATGTGAATCACAAAA	<i>fucA</i>
STM2472	ATGAGTGTGTTGATTCACACTT	HI1215
STM3661	GGATTCGATCGCGATCGCTTTT TTTTGAGAGCCAGAGCACATTT	<i>xylA</i>
STM3514	GTAAGTGGCGGCGATCACACTT	<i>malP</i>
STM3500	GAATGCGATTACAGTCACATTA CTGCCGTGACAGGAGTCACAGTG ATCTATGAGCCTTGTCGCGGTT	<i>pckA</i>

*Y. pestis*

y2657	TAATGAGATATAAATCACAATT	<i>cdd</i>
y2862	AATTGAGATCACGATCACGGTA	<i>sdaC</i>
y2662	ATTTGTGGTGTGCTCACTCGT ATCTGTGAGAAAATTCACAGTT	<i>mglB</i>
y0007	TGTTTCGGTGGCGATCACAATT	<i>rbsD</i>
y4100	TTTTGTGGCGTATCCCACATTC	HI0035
y3859	TTGAGTGTGTTGCTTACACATTA	<i>uspA</i>
y2787	TTGCGTCATTTGCTTCACTTTT	<i>ansB</i>
y4057	TTATGAGATCTACACCACAATT	<i>xylA</i>
y4056	AATTGTGGTGTAGATCTCATAA	<i>xylF</i>
y3918	ATTCGTGTTCCATCTCTCATAA ATATTTGATAGCTATCGCTGTT	<i>pckA</i>
y0668	TAATGTGCGCTATCTCATTAAT TATTGTGTTTAAAATCACAATA	<i>mdh</i>

Table 5. Motif sites in *Vibrionaceae* CRP-S-ortholog promoters.

Gene	Sequence	<i>H.i.</i> ortholog
<i>V. cholerae</i>		
VC2634	AAGATTGTAGTGACTCCAAGAA CTTTATGAACTTCACCGGAGAA	<i>comA</i>
VC0047-8	AATATCGACTTGGGTCGCCGCT TTGTTTCGACCGGTTTCGCAACG ACAGACATATACACTCGAAATG	<i>none-dprA</i>
VC2423	AGTTTTTAACTGACTCGAAGTT	<i>pilA</i>
VC1612	ATTTGCCAACTGACTCGCAGAC	HI0366
VCA0140	GAGTTTGAAGTGCCTCGAAGAG	<i>None</i>
<i>V. parahaemolyticus</i>		
VP2750	AAAATTGTGGTGACTCCAAGAA CTTTATGAACTTCACCGGAGAA	<i>comA</i>
VP3041-0	GATATCAACCTGCGTTGCAGCA AATATTGAACTGTGCCGAAACA ACAGACATATTCACTCGAAATA	<i>none-dprA</i>
VP2523	GAGTTTTTACCTCACTCGAGACC	<i>pilA</i>
VP1752	GTTTGCAAACCTGATCGCATAG	HI0366
VPA0092	GAATTTGAAGTGACTCGAAAGA	<i>None</i>
<i>V. vulnificus</i>		
VV2994	AAAATTGTTGTGACTCCAAGAA CTTTATGAACTTCACCGGAGAA	<i>comA</i>
VV3224-3	CTTTTCAACCGGTTTGGCTACT AATGTTGAACTGTGCCGAAACA ACAGACATATGCACTCGAAATG	<i>none-dprA</i>
VV2778	GAATTTTAAATCACTCGAGTGA	<i>pilA</i>
VV1491	TTATGCAAAGTGACTCGCATTG	HI0366
VVA0086	CAATTTGAAGTGACTCGAAAAT	<i>None</i>

Table 6. Motif sites in *Vibrionaceae* CRP-N-ortholog promoters.

Gene	Sequence	<i>H.i.</i> ortholog
<i>V. cholerae</i>		
VC1231	ATGTGTGACGTCCTCTAATAA TAACGTGACACTGATCACCTTA	<i>cdd</i>
VC1779	AATTTTGTTCGCCATCACACTT	HI0146
VC1325	TGGTGTAACGTTATCACTCAT AATTGTTATTGAGTTCAAACCTA ATTTTTTAACTGGTTCACATTA	<i>mglB</i>
VC2656	AATTGTGACACCAGTCACATAT GTCAGTGAGTTCATCTCAGTA	<i>frdA</i>
VCA0160	TTTTTTGACCTGAAAAACATAA	<i>mtr</i>
VC1781	AAGTGTGATGGCGAACAAAATT	HI0145
VCA0013	TGGTGTGATCCGAATCACTGCT	<i>malP</i>



VC0052	TGATGGGAGCTAGATCACTCAC	<i>purE</i>
VC2738	TTTGGTTATCCGGATCACACCC	<i>pckA</i>
	ATATTTGAGCTGCCTCCCTGTT	
	<i>V. parahaemolyticus</i>	
VP1298	ATGTGTGAGCTCACTCTAATTA	<i>cdd</i>
	TAACGTGATCTAAAGCACGGAA	
VPA1702	ATTTGTGTAGGGTCTCAAATA	HI0146
	TCACGTGAGCAGCTTCACAAAT	
	TAGTGTGATTTTGGTCAATCAA	
VPA1067	TGATGTGATAACAATCACTAAA	<i>rbsD</i>
VP2840	TGCCGTGATAGCAGTCACATAA	<i>frdA</i>
VPA0374	TGTTGAGCTTGTGCTCAAAAAT	<i>ansB</i>
VPA1620	GGTTGTGATCAAAAATCACTAAG	<i>malP</i>
	TGTTGAGATTTGGATCACTAAC	
VP0129	TTTTGTGATCTATCCCCGTAA	<i>pckA</i>
	ATTTTTGAACATATCTCCCTGTT	
VP0325	TTCTGTTAGTTGCATCACTGTA	<i>mdh</i>
	TTAATTGATTGTAATCAAGTTG	
	<i>V. vulnificus</i>	
VV0434	TGCTGTTTTTTCAGTCACTTTT	<i>fbp</i>
	TCAAGAGATGCCGCTCACACTC	
VV1962	ATTTGTGACATCACTCTAATAA	<i>cdd</i>
	TATAGTGACAGAGATCACTGAA	
VVA1590	ATTTGTGTAGGGTCTCAAATA	HI0052
	TCACGTGAGCGGCTTCACAAAT	
	TAGTGTGATTTTGGTCAATCAA	
VVA0544	CGATGTGATATATATCTCTAAA	<i>sdaC</i>
VVA0163	AATTTTTATCTAGTTCACATTA	<i>mglB</i>
VV3097	TGCCGTGACAGTTATCACATAA	<i>frdA</i>
VVA0568	ATATGGGACAAAAGTAACGTAA	<i>rbsD</i>
VVA0966	AAATGTAACATTTCTCACAGAA	<i>glpT</i>
VVA1204	AAATGTGATCGCGAACAGAAAT	HI0145
VV3010	AAGATTGACTTATATCAATTAG	HI1245
VVA0077	TATTGTGATCGAATTTACAAA	<i>malP</i>
	GGCTGTGATCTCAATCACTGCA	
	AGGTGAGAGACGGATCACTAAC	
VV0207	ATTTTTGAACATATATCCCTGTT	<i>pckA</i>
VV0467	ATCTGTTAGTTGTATCACTGTA	<i>mdh</i>
	TTAATTGATTGTAATCAAGTTG	
	ATAAGAGATCGCTCTCAAGGAG	

Table 7. Motif sites in *Vibrionaceae* CRP-N-ortholog promoters that resemble PurR sites.

Gene	Sequence	<i>H.i.</i> ortholog
	<i>V. cholerae</i>	
VC2544	GCGCAATCGATTCCAT	<i>fbp</i>
VC1231	TTGCAATCGTTATCAT	<i>cdd</i>

VC1325	GTGTAAACGTTATCAC	<i>mglB</i>
	GAGTAAACGTTTTTCAC	
VCA0127	ATCGAAACGTTTCGAT	<i>rbsD</i>
VC2171	TCGCAATCGATTGCAG	<i>uraA</i>
VC0052	AAGCAAACGTTTGCTT	<i>purE</i>
VC2738	GCGCAAAGGTTTGCGC	<i>pckA</i>
VC0432	TCGCATACCTATGCAT	<i>mdh</i>

*V. parahaemolyticus*

VP0313	GCGCAAACGTTTAACA	<i>fbp</i>
VP1298	TTGCAATCGAATACAT	<i>cdd</i>
VPA1087	ATCGAAACGTTTCGAT	<i>rbsD</i>
	ATCGAAACGTTTCGAT	
VP2283	TTGCAAACGATTGCAG	<i>uraA</i>
VP2019	ATCGAAAGTTTTGGCT	<i>oppA</i>
VP3036	ACGCAAACGTTTGCTT	<i>purE</i>
VP0129	GCGCAAAGGATTGCGC	<i>pckA</i>

*V. vulnificus*

VV0434	GCGCAAACGATAACCT	<i>fbp</i>
VV1962	GTGCAATCGAATACAT	<i>cdd</i>
VVA0163	GGGTAAACGTTTTTCAC	<i>mglB</i>
VVA0568	ATCGAAACGTTTCGAT	<i>rbsD</i>
	CGCGAATCGATTGAGT	
VV2324	AGGCTAAAGATTGGCT	<i>cspD</i>
VVA0966	ACGAAACCGTTTGCTC	<i>glpT</i>
VV2513	TAGCAATCGTTTGCAA	<i>uraA</i>
VV3218	ACGCAAACGTTTGCTT	<i>purE</i>
VV0207	GCGCAAAGGTTTGCGT	<i>pckA</i>