

Additional file 4

DNA-binding transcriptional regulators identified in <i>C. jeikeium</i> K411								
No.	Regulator family	Number of family members	Gene		Protein		DNA-binding domain	
			No.	Name	Length [amino acids]	Molecular mass [kDa]	Type	Position
1	AraC	1	<i>jk0817</i>		227	27.5	homeodomain-like	C-terminal
2	ArgR	1	<i>jk0846</i>	<i>argR</i>	150	16.7	winged helix	N-terminal
3	ArsR	3	<i>jk0985</i>	<i>arsR</i>	227	24.2	winged helix	N-terminal
			<i>jk1437</i>		119	12.7	winged helix	central
			<i>jk2006</i>		115	12.5	winged helix	central
4	AsnC	1	<i>jk0974</i>		72	81.7	winged helix	N-terminal
5	Crp	1	<i>jk1972</i>	<i>glxR</i>	227	25.1	winged helix	N-terminal
6	DeoR	1	<i>jk1107</i>		270	28.9	winged helix	N-terminal
7	DtxR	2	<i>jk1097</i>	<i>dtxR</i>	240	26.9	winged helix	N-terminal
			<i>jk1485</i>	<i>mntR</i>	238	26.0	winged helix	N-terminal
8	FUR	1	<i>jk0612</i>	<i>furB</i>	143	15.7	winged helix	C-terminal
9	GntR	4	<i>jk0088</i>		124	13.5	winged helix	C-terminal
			<i>jk0404</i>		214	23.5	winged helix	N-terminal
			<i>jk1156</i>		123	13.0	winged helix	N-terminal
			<i>jk1838</i>		252	28.3	winged helix	N-terminal
10	HrcA	1	<i>jk0600</i>	<i>hrcA</i>	341	37.2	winged helix	N-terminal
11	HTH_3	2	<i>jk1122</i>	<i>clgR</i>	118	12.5	λ repressor-like	central
			<i>jk1934</i>	<i>ramB</i>	501	56.0	λ repressor-like	N-terminal
12	IclR	1	<i>jk1222</i>		244	25.9	winged helix	N-terminal
13	LacI	1	<i>jk0329</i>		369	38.2	λ repressor-like	N-terminal
14	LexA	1	<i>jk1106</i>	<i>lexA</i>	267	28.9	winged helix	N-terminal
15	LuxR	1	<i>jk0397</i>		285	31.1	C-terminal effector domain	C-terminal
16	LysR	4	<i>jk0144</i>	<i>oxyR</i>	302	33.3	winged helix	N-terminal
			<i>jk0410</i>		286	30.6	winged helix	N-terminal
			<i>jk1102</i>		320	33.9	winged helix	N-terminal
			<i>jk1740</i>		304	32.2	winged helix	N-terminal
17	MarR	5	<i>jk0257</i>		180	20.1	winged helix	central
			<i>jk0271</i>		148	16.4	winged helix	central
			<i>jk2061</i>		163	18.2	winged helix	central
			<i>jk2072</i>		168	19.0	winged helix	C-terminal
			<i>jk1950</i>		174	19.3	winged helix	N-terminal
18	MerR	6	<i>jk0184</i>	<i>hspR</i>	138	15.6	putative DNA-binding domain	N-terminal
			<i>jk0904</i>		245	26.6	putative DNA-binding domain	central
			<i>jk0906</i>		170	18.6	putative DNA-binding domain	N-terminal
			<i>jk1418</i>		258	29.6	putative DNA-binding domain	N-terminal
			<i>jk1441</i>		129	14.3	putative DNA-binding domain	N-terminal
			<i>jk1578</i>		134	15.1	putative DNA-binding domain	N-terminal
19	TetR	13	<i>jk0018</i>	<i>mcbR</i>	191	20.5	homeodomain-like	N-terminal
			<i>jk0029</i>		227	25.0	homeodomain-like	N-terminal
			<i>jk0101</i>		251	27.8	homeodomain-like	N-terminal
			<i>jk0232</i>		239	26.6	homeodomain-like	N-terminal
			<i>jk0323</i>		188	21.4	homeodomain-like	N-terminal
			<i>jk0624</i>		191	20.5	homeodomain-like	N-terminal
			<i>jk0810</i>	<i>acnR</i>	203	22.7	homeodomain-like	N-terminal
			<i>jk0970</i>		189	21.2	homeodomain-like	N-terminal
			<i>jk1423</i>		188	20.3	homeodomain-like	N-terminal
			<i>jk1455</i>		232	26.2	homeodomain-like	N-terminal
			<i>jk1500</i>		222	24.3	homeodomain-like	N-terminal
			<i>jk1501</i>		253	27.8	homeodomain-like	N-terminal
			<i>jk1552</i>		204	22.4	homeodomain-like	N-terminal
20	WhiB	4	<i>jk1618</i>	<i>whiB1</i>	88	9.9	C-terminal α -helix	C-terminal
			<i>jk1644</i>	<i>whiB2</i>	121	13.7	C-terminal α -helix	C-terminal

			<i>jk1727</i>	<i>whiB3</i>	101	11.2	C-terminal α -helix	C-terminal
			<i>jk1976</i>	<i>whiB4</i>	124	13.7	C-terminal α -helix	C-terminal
21	YbaD	1	<i>jk1105</i>	<i>ybaD</i>	163	18.2	Zinc β -ribbon	N-terminal