

Table S4. List of primers used in this study.

Primers for validation of the *C. floricola* DSM27421 genome assembly by chromoblot analysis

# Chr	# Contig	# Probes	Forward Primer		Reverse Primer	
			#Primer ID	Sequence (5' >> 3')	# Primer ID	Sequence (5' >> 3')
1	1	1a	JOHE45019	AGCAGCGGGACCAAACACAA	JOHE45020	AGGTATTCGACACGTGGGGA
		1b	JOHE45003	CTTGCGCAATATCCCCCTCTCC	JOHE45004	CGATGAACCATTGAGGCGG
2	2	2a	JOHE44981	CTGGACATGGTTGTGGAGCA	JOHE44982	ATCAAACCTCATCGCCCTCG
		2b	JOHE45017	ACCATCACGGGAAGTCTGCAA	JOHE45018	ATGCGAAGCCGACTCGAGAT
3	3	3a	JOHE45025	GGCAAGCACACGTGGAAAGA	JOHE45026	AAGCTCCGCTGCTCTGTCCCT
		3b	JOHE45037	TTGCCTCCGTCCATTGCGCT	JOHE45038	CCAGCAGACCCCCAAAAGTA
4	4	4a	JOHE45007	AAGAACGACGAATCACGCCC	JOHE45008	TTCCAACACGAAGCTCGCCA
		4b	JOHE45005	ACCGCCTATCCGTTCTTCCT	JOHE45006	TCGCCCTATGCGTAATTCCC
5	5	5a	JOHE45009	CGGTAATTGAGAGGAAGGCG	JOHE45010	CAAAACCAAGGCCATGCAGG
		5b	JOHE45011	GGAGTGGTGGGCTTACTTTGG	JOHE45012	GAGCGTCTCGAGGTGCTTGAT
6	6	6a	JOHE45051	TGCCGAGGAAGCTCAAGACT	JOHE45052	CATTGAGCAGCATCGCCCAT
		6b	JOHE45013	TGCAGGATCTCATGCAAGCC	JOHE45014	TTTCCGGTAGCCAACAGCCA
7q	7	7a	JOHE45027	ACTTTCGCTCCGCCCTATCT	JOHE45028	TCGACTCCCCCTTTCAGCTA
7p	8	7b	JOHE45049	TCTTCCGCGATACCAACGAG	JOHE45050	CACCGTTGTCCCCGAAAACA
8	9	8a	JOHE45029	TTCTCTAGATGCGCCCACTCC	JOHE45030	TGGCAGAGGAAAGCGAAGGA
		8b	JOHE45039	TTACGTGCCAAACCCCGTTC	JOHE45040	CCCTCTTTGGGGCGTGTA
9	10	9a	JOHE44997	CTTTCATCAGCACCCCTCCA	JOHE44998	TTCTGTACCAATCGTCGCCCA
		9b	JOHE45041	CGAGTTCGTATGGACGGCAAG	JOHE45042	TTCTGTAGCCCAATTTCGGCG
10	11	10a	JOHE45023	GCGTCCGTCTTGACAACATT	JOHE45024	TTGAAAGCCCCCTCCCTCGTT
		10b	JOHE45053	ATTTCGTTGATGGCGAGGGG	JOHE45054	AAGCTCATCGCCGCCTTCTT
11	12	11a	JOHE45031	AACAGGCTCGCCACAACGAT	JOHE45032	GACCTCTTCCACGCCCAAAA
		11b	JOHE45045	TGGCTATGGCTATGGGGGAGA	JOHE45046	ATCGGCGTGCGTGACTTTCT
12	13	12a	JOHE44989	CGGTTTCGGACAATGGTGGA	JOHE44990	TCTTCGCCTCGGTACGGTTCT
		12b	JOHE44995	CAAACCTCGCCCTCTCCAAA	JOHE44996	TCCCAAAACAAAGACCTCCCC
13	14	13a	JOHE44987	CCTACCACCTTCCATCTCCCT	JOHE44988	ATGTCAGCCTCGACGAGCAA
		13b	JOHE45033	GGCTTGTTTCGTGGGAGCAA	JOHE45034	TGGCATGGATGGAGGATGGT
14	15	14a	JOHE45035	TACATACCCCTCGGCGAGAGA	JOHE45036	GTCTTTCGCTTTGCGCGTTG
		14b	JOHE45043	ACCGATCTAGCGGCTGATCGT	JOHE45044	CATTTCCGCCCTTTGGTGTCG

Other primers used in this study

# gene or genomic region	Forward Primer		Reverse Primer	
	# Primer ID	Sequence (5' >> 3')	# Primer ID	Sequence (5' >> 3')
ITS	JOHE27152	TCCGTAGGTGAACCTGCGG	JOHE27153	TCCTCCGCTTATTGATATGC
RPB1	JOHE23478	GARTGYCCDGGDCAYTTYGG	JOHE23479	CCNGCDATNTRTTRTCCATRTA
TEF1	JOHE23482	TACAARTGYGGTGGTATYGACA	JOHE23483	ACNGACTTGACYTCAGTRGT
mitSSU	JOHE23484	AGCAGTGAGGAATATTGGTC	JOHE23485	ATGTGGCACGTCTATAGCCC
MATA	JOHE44076	GAGCAGAGGGATGCCAG	JOHE44077	CGCAAGGAGAGAATTGGATCAG
MATB	JOHE44078	ATGCATACTTCCACTTGTTCATT	JOHE44079	TCACCCCATTTGGATCTC