

Table S1. List of genes down- and up-regulated in CF-Marseille as compared to other available genomes.

Function	Fold change (CF-Marseille/All other)	Short name
phage DnaC-like protein	0,0345	SAOUHSC_02216
CadC	0,0411	cadC
CadX	0,0411	cadX
Hypothetical protein	0,114	SAVP033
Hypothetical protein	0,125	SAOUHSC_01957
hypothetical protein (pseudogene)	0,125	SAS1751
epidermin immunity protein F	0,137	epiG
Hypothetical protein	0,137	SAOUHSC_01945
putative lantibiotic ABC transporter protein	0,137	SAS1739
Hypothetical protein	0,235	SAS1909
phi PVL orf 39-like protein	0,235	SAV1988
Hypothetical protein	0,268	SAOUHSC_02215
Hypothetical protein	0,344	SA0956

putative manganese transport protein	0,344	SAR1079
Mn²⁺/Fe²⁺ transporter, NRAMP family	0,344	SACOL1114
Hypothetical protein	0,347	SA1793
CadD	0,404	cadD
Hypothetical protein	0,416	SAV0866
Hypothetical protein	0,422	SAR1528
Hypothetical protein	2,067	SAS0937
capsular polysaccharide synthesis enzyme Cap5D	2,129	cap5D
potential ATP-binding protein	2,135	pSAS14
recombinase Sin	2,135	sin
bacteriophage L54a, deoxyuridine 5-triphosphate nucleotidohydrolase	2,162	SAOUHSC_01552
prophage L54a, deoxyuridine 5'-triphosphate nucleotidohydrolase	2,162	dut
putative dUTP pyrophosphatase	2,162	SAR2072
Hypothetical protein	2,247	SAR1515

phiSLT ORF104a-like protein, repressor	2,247	SAUSA300_1434
putative phage regulatory protein	2,247	SAS0897
arsenic efflux pump protein	2,357	arsB
phiSLT ORF92-like protein, uncharacterized		
phage protein (possible DNA packaging)	2,4745	SAUSA300_1400
prophage L54a, DNA packaging protein, putative	2,4745	SACOL0371
putative regulatory protein	2,515	SAR1555
Hypothetical protein	2,548	SAS0901
phiSLT ORF71-like protein	2,548	SAUSA300_1431
Hypothetical protein	2,552	MW0744
Hypothetical protein	2,649	SAS0939
Hypothetical protein	2,702	MW1397
capsular polysaccharide synthesis enzyme Cap5E	2,703	capE
Hypothetical protein	2,817	SAR1512
arsenate reductase	2,821	arsC
Immunoglobulin G binding protein A precursor	3,193	SAOUHSC_00069

major tail protein	3,213	SAOUHSC_01529
phiSLT ORF213-like protein, major tail protein	3,213	SAUSA300_1397
prophage L54a, major tail protein, putative	3,213	SACOL0375
phiSLT orf 110-like protein	3,2995	SAOUHSC_01532
phiSLT ORF110-like protein	3,2995	SAUSA300_1399
Hypothetical protein	3,491	SAR1514
putative surface anchored protein	3,508	SAS0520
Ser-Asp rich fibrinogen-binding bone sialoprotein-binding protein	3,508	sdrD
Hypothetical protein	3,567	SAUSA300_0915
ABC transporter ATP-binding protein	3,623	SACOL1352
Hypothetical protein	3,623	MW1206
Hypothetical protein	3,675	SAS0917
Hypothetical protein	4,532	SACOL0372
Hypothetical protein	4,855	SAS0896
pathogenicity island protein	4,855	SACOL0889

Replication and maintenance protein	4,857	SAUSA300_pUSA030006
Hypothetical protein	4,976	SAUSA300_0042
Hypothetical protein	5,442	SAV2199
serine protease	5,621	splA
phi PVL orf 52-like protein	5,926	SAOUHSC_01556
Hypothetical protein	9,655	MW1412
Hypothetical protein	11,01	SAUSA300_pUSA030029
Hypothetical protein	13,11	MW0042
Hypothetical protein	17,73	SAUSA300_0046
phiSLT ORF204-like protein	37,64	SAUSA300_1437
Hypothetical protein	49,92	MW0043
rRNA adenine N-6-methyltransferase (Macrolide-lincosamide-streptogramin B resistance protein)	129,6	ermC