

A. Single nucleotide mutations found in NA1000

Position	Ref.	Called	Found	Annotation
1022864	.	G	All	Intragenic in CCNA_00944 (flagellar hook length determination protein, 1021867-1023069)
1068005	A	.	All	Intragenic in CCNA_00987 (hypothetical protein, 1067843-1068046)
1891810	C	.	All	Extragenic between CCNA_01762 (hypothetical protein, 1890632-1891771) and CCNA_01763 (leucyl aminopeptidase,1891999-1893480)
1927487	T	C	All	Intragenic in CCNA_01803 (pyruvate dehydrogenase complex, dihydrolipoamide acetyltransferase component, 1926921-1928207)
3026719	C	G	All	Extragenic between CCNA_02878 (genetic exchange protein, putative, 3026557-3026715) and CCNA_02879 (genetic exchange related protein,3026790-3026885)
3202983	.	G	All	Extragenic between CCNA_03048 (para-aminobenzoate synthetase component I, 3201391-3202965) and CCNA_03049 (MFS superfamily transporter,3203019-3204485)
3713704	C	G	All	Intragenic in CCNA_03557 (hypothetical protein, 3713085-3713840)
2667017	C	G	NA1000	Extragenic between CCNA_02516 (glutathione S-transferase, 2666167-2666892) and CCNA_02517 (hypothetical protein,2667018-2667611)

B. Point mutations found in the ancestral *ΔccrM* strains

Position	Ref.	Called	JC1049	JC1050	JC1051	Annotation
415311	T	C				Extragenic between CCNA_00397 (hypothetical protein, 413741-415279) and CCNA_00398 (hypothetical protein, 415406-416755)
415316	G	C				Extragenic between CCNA_00397 (hypothetical protein, 413741-415279) and CCNA_00398 (hypothetical protein, 415406-416755)
1294567	T	C				Extragenic between CCNA_01174 (LysR family transcriptional regulator, 1293570-1294526) and CCNA_01175 (uroporphyrin-III C-methyltransferase, 1294712-1295635)
1893916	G	T				Intragenic in CCNA_01764 (DNA polymerase III subunit chi, 1893601-1894062)