Cell Envelope: Blosynthesis and degradation of surface polysaccharides and lipopolysaccharides

Central Intermediary Metabolism: *Nitrogen metabolism*

Amino Acid Biosynthesis:

Aspartate family

Cellular Processes: Pathogenesis

Transport and Binding Proteins

Staphylococcal Accessory Regulators

Hypothetical Proteins

Regulatory Functions and Signal Transduction

Regulatory Functions: agr locus

SACOL0136 capsular polysaccharide biosynthesis protein Cap5A SACOL0137 capsular polysaccharide biosynthesis protein Cap5B SACOL0138 capsular polysaccharide biosynthesis protein Cap5C SACOL0139 capsular polysaccharide biosynthesis protein Cap5D SACOL0140 capsular polysaccharide biosynthesis protein Cap5E SACOL0141 capsular polysaccharide biosynthesis protein Cap5F SACOL0142 UDP-N-acetylglucosamine 2-epimerase Cap5G SACOL0143 capsular polysaccharide biosynthesis protein Cap5H SACOL0144 capsular polysaccharide biosynthesis protein Cap5I SACOL0145 capsular polysaccharide biosynthesis protein Cap5J SACOL0146 capsular polysaccharide biosynthesis protein Cap5K SACOL0147 capsular polysaccharide biosynthesis protein Cap5L SACOL0148 capsular polysaccharide biosynthesis galactosyltransferase Cap5M SACOL0149 capsular polysaccharide biosynthesis protein Cap5N SACOL0150 capsular polysaccharide biosynthesis protein Cap50 SACOL0151 UDP-N-acetylglucosamine 2-epimerase Cap5P SACOL2685 capsular polysaccharide biosynthesis protein Cap1C SACOL2686 capsular polysaccharide biosynthesis protein Cap1B SACOL2687 capsular polysaccharide biosynthesis protein CaplA MW0131 capsular polysaccharide synthesis enzyme Cap8H MW0132 capsular polysaccharide synthesis enzyme Cap8I MW0133 capsular polysaccharide synthesis enzyme Cap8J MW0134 capsular polysaccharide synthesis enzyme Cap8K SAV0146 Cap5C SACOL2280 urease, gamma subunit SACOL2281 urease, beta subunit SACOL2282 urease, alpha subunit SACOL2283 urease accessory protein UreE SACOL2284 urease accessory protein UreF SACOL2285 urease accessory protein UreG SACOL2286 urease accessory protein UreD SACOL2392 respiratory nitrate reductase, gamma subunit SACOL2393 respiratory nitrate reductase, delta subunit SACOL2394 respiratory nitrate reductase, beta subunit SACOL2395 respiratory nitrate reductase, alpha subunit SACOL2396 uroporphyrinogen III methylase SirB, putative SACOL2397 nitrite reductase [NAD(P)H], small subunit SACOL2398 nitrite reductase [NAD(P)H], large subunit SACOL1362 homoserine dehydrogenase SACOL1428 aspartokinase, alpha and beta subunits SACOL1429 aspartate-semialdehyde dehydrogenase SACOL1430 dihydrodipicolinate synthase SACOL1431 dihydrodipicolinate reductase SACOL1432 2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltransferase SACOL2088 sceD protein, putative SACOL0095 immunoglobulin G binding protein A precursor SACOL2418 IgG-binding protein SBI SACOL2509 fibronectin binding protein B SACOL2511 fibronectin-binding protein A SACOL1164 fibrinogen binding-related protein SACOL1168 fibrinogen-binding protein SACOL1169 fibrinogen-binding protein precursor-related protein SACOL0158 ABC transporter, ATP-binding protein, authentic frameshift SACOL0159 ABC transporter, permease protein SACOL0506 ABC transporter, substrate-binding protein SACOL0688 ABC transporter, substrate-binding protein SACOL0882 ABC transporter, ATP-binding protein SACOL0883 ABC transporter, permease protein SACOL0884 ABC transporter, substrate-binding protein SACOL0672 staphylococcal accessory regulator A SACOL2287 staphylococcal accessory regulator R SACOL0096 staphylococcal accessory regulator S SACOL2506 staphylococcal accessory regulator T SACOL2507 staphylococcal accessory regulator U SACOL2258 staphylococcal accessory regulator V SACOL0726 staphylococcal accessory protein X SACOL2289 staphylococcal accessory regulator Y SACOL2384 staphylococcal accessory protein Z MW2406 hypothetical protein MW2407 hypothetical protein MW2408 hypothetical protein SACOL2193 transcriptional regulator, MerR family SACOL2388 transcriptional regulator, MerR family, putative SACOL2517 transcriptional regulator, MerR family SACOL0641 mgrA SACOL1812 repressor of toxins (rot) SACOL1997 transcriptional regulator, GntR family SACOL2585 regulatory protein, putative SACOL1942 DNA-binding response regulator VraR SACOL1943 sensor histidine kinase VraS SACOL1944 conserved hypothetical protein SACOL0765 sensor histidine kinase SaeS SACOL0766 DNA-binding response regulator SaeR SACOL0767 conserved hypothetical protein SACOL0096 staphylococcal accessory regulator S

SACOL2026 accessory gene regulator protein A

SACOL2023 accessory gene regulator protein B

SACOL2025 accessory gene regulator protein C

MW1960 accessory gene regulator B

SA1842 accessory gene regulator B

MW1962 AgrC MW1961 AgrD