air 2 air 3 air 4 air 5 air 7 air 1 (vanc) 0 air 2 (vanc) air 3 (vanc) air 4 (vanc) air 5 (vanc) air 5 (vanc)		air 1 .0 air 2 air 3 air 4 air 5 air 1 (vanc) 0 air 2 (vanc) air 3 (vanc) air 4 (vanc) air 5 (vanc)		air 1 .0 air 2 air 3 air 4 air 5 .1 air 1 (vanc) 0 air 2 (vanc) air 3 (vanc) air 3 (vanc)		air 1 .0 air 2 air 3 air 4 air 5 .1 air 1 (vanc) 0 air 2 (vanc) air 3 (vanc) air 4 (vanc) air 4 (vanc)	
Pa P	100036 hypothetical protein 100037 hypothetical protein 100038 cassette chromosome recombinase B 100039 cassette chromosome recombinase A 100040 hypothetical protein 100041 hypothetical protein 100042 hypothetical protein 100043 hypothetical protein 100044 truncated hypothetical protein 100046 truncated hypothetical protein 100046 truncated hypothetical protein 100047 hypothetical protein 100051 enterotoxin H 100052 truncated hypothetical protein, similar to enterotoxin SEO	면	SACOLO516 PTS system, IIBC components SACOLO517 alpha-amylase family protein SACOLO518 transcriptional regulator, GntR family SACOLO519 acetyltransferase, GMAT family SACOLO520 DMA polymerase III, gamma and tau subunits SACOLO521 conserved hypothetical protein TIGRO0103 SACOLO522 recombination protein RecR SACOLO523 Orn/Lys/Arg decarboxylase SACOLO524 thymidylate kinase SACOLO525 conserved hypothetical protein SACOLO526 DMA polymerase III, delta prime subunit, putative SACOLO527 conserved hypothetical protein SACOLO528 conserved hypothetical protein SACOLO529 conserved hypothetical protein		SACOL1371 GMP reductase SACOL1373 conserved hypothetical protein SACOL1374 LexA repressor SACOL1375 conserved hypothetical protein SACOL1376 conserved hypothetical protein SACOL1377 transketolase SACOL1378 conserved hypothetical protein SACOL1380 conserved hypothetical protein SACOL1381 exonuclease SbcD SACOL1381 exonuclease SbcD SACOL1382 exonuclease SbcC SACOL1383 large conductance mechanosensitive channel protein SACOL1384 osmoprotectant transporter, BCCT family SACOL1385 aconitate hydratase SACOL1386 conserved hypothetical protein TIGRO0051		SACOL2219 preprotein translocase, SecY subunit SACOL2220 ribosomal protein L15 SACOL2221 ribosomal protein L30p/L7e SACOL2222 ribosomal protein S5 SACOL2223 ribosomal protein L18 SACOL2224 ribosomal protein L6 SACOL2225 ribosomal protein S8 SACOL2225 ribosomal protein S14 SACOL2226 ribosomal protein L5 SACOL2227 ribosomal protein L5 SACOL2228 ribosomal protein L24 SACOL2229 ribosomal protein L14 SACOL2230 ribosomal protein L17 SACOL2231 ribosomal protein L29 SACOL2232 ribosomal protein L29 SACOL2232 ribosomal protein L16
	IW0073 conserved hypothetical protein IW0074 hypothetical protein IW0075 hypothetical protein IW0075 hypothetical protein IW0076 hypothetical protein IW00121 truncated replication initiation protein IW0131 capsular polysaccharide synthesis ensyme Cap8H IW0132 capsular polysaccharide synthesis ensyme Cap8I IW0133 capsular polysaccharide synthesis ensyme Cap8J IW0134 capsular polysaccharide synthesis ensyme Cap8K IW0168 hypothetical protein IW0170 hypothetical protein IW0171 hypothetical protein IW0172 hypothetical protein, similar to ABC transporter ATP-binding protein IW0173 truncated hypothetical protein		SACOLO529 conserved hypothetical protein SACOLO530 conserved hypothetical protein SACOLO531 tetrapyrrole methylase family protein SACOLO533 methionyl-tRNA synthetase SACOLO534 deoxyribonuclease, TatD family SACOLO535 primase-related protein SACOLO536 dimethyladenosine transferase SACOLO537 conserved hypothetical protein SACOLO538 4-diphosphocytidyl-2C-methyl-D-erythritol kinase SACOLO538 pur operon repressor SACOLO540 endoribonuclease L-PSP, putative SACOLO541 spoVG protein SACOLO542 hypothetical protein SACOLO543 UDP-N-acetylglucosamine pyrophosphorylase SACOLO544 ribose-phosphate pyrophosphokinase		SACOL1387 conserved hypothetical protein SACOL1388 conserved hypothetical protein TIGRO0023 SACOL1389 DNA topoisomerase IV, B subunit SACOL1390 DNA topoisomerase IV, A subunit SACOL1392 sodium: alamine symporter family protein SACOL1393 transcriptional antiterminator LicT, putative SACOL1393 transcriptional antiterminator LicT, putative SACOL1396 fmtC protein SACOL1397 peptide methionine sulfoxide reductase SACOL1398 transcriptional regulator, putative SACOL1399 4-oxalocrotomate tautomerase SACOL1400 ImpB/NucB/SamB family protein SACOL1401 prephenate dehydrogenase SACOL1402 glutamyl aminopeptidase, putative		SACOL2233 ribosomal protein S3 SACOL2234 ribosomal protein L22 SACOL2235 ribosomal protein S19 SACOL2236 ribosomal protein L2 SACOL2237 ribosomal protein L23 SACOL2237 ribosomal protein L4 SACOL2238 ribosomal protein L4 SACOL2239 ribosomal protein L3 SACOL2240 ribosomal protein S10 SACOL2241 conserved hypothetical protein SACOL2242 xanthine/uracil permease family protein SACOL2242 bNA topoisomerase III SACOL2243 bNA topoisomerase III SACOL2245 acetyltransferase, GNAT family SACOL2246 sugar transporter, putative SACOL2248 conserved hypothetical protein
	100174 truncated hypothetical protein, similar to Enterococcus faecalis plasmid pPD1 bacI 100175 hypothetical protein 100176 hypothetical protein 100177 conserved hypothetical protein 100178 hypothetical protein, similar to ABC transporter ATP-binding protein 100180 hypothetical protein 100206 staphylocoagulase precursor 100205 cell division and morphogenesis-related protein 100206 hypothetical protein 100279 hypothetical protein 100273 hypothetical protein 100275 hypothetical protein 100276 hypothetical protein 100276 hypothetical protein 100279 hypothetical protein		SACOLO545 ribosomal Protein L25 SACOLO546 peptidyl-tRNA hydrolase SACOLO547 transcription-repair coupling factor SACOLO548 polysaccharide biosynthesis protein SACOLO549 tetrapyrrole methylase family protein SACOLO550 S4 domain protein SACOLO551 cell-division protein divIC, putative SACOLO552 general stress protein 13 SACOLO553 MesJ/Ycf62 family protein SACOLO554 hypoxanthine phosphoribosyltransferase SACOLO555 cell division protein FtsH, putative SACOLO555 chaperonin, 33 kDa SACOLO556 chaperonin, 33 kDa SACOLO557 cysteine synthase SACOLO558 dihydropteroate synthase SACOLO559 dihydroneopterin aldolase		SACOL1403 anthranilate synthase component I SACOL1404 anthranilate synthase, glutamine amidotransferase, component II SACOL1405 anthranilate phosphoribosyltransferase SACOL1406 indole-3-glycerol phosphate synthase SACOL1408 tryptophan synthase, beta subunit SACOL14109 tryptophan synthase, alpha subunit SACOL1410 femA protein SACOL1411 femB protein SACOL1411 hydrolase-related protein SACOL1412 hydrolase-related protein SACOL1413 hypothetical protein SACOL1414 peptide ABC transporter, ATP-binding protein SACOL1415 peptide ABC transporter, permease protein, putative SACOL1416 peptide ABC transporter, permease protein SACOL1417 peptide ABC transporter, permease protein SACOL1418 conserved hypothetical protein		SACOL2250 conserved hypothetical protein SACOL2251 conserved hypothetical protein SACOL2252 AcrB/AcrD/AcrF family protein SACOL2253 femX protein SACOL2255 conserved hypothetical protein SACOL2255 conserved hypothetical protein SACOL2256 transcriptional regulator, MarR family SACOL2257 drug transporter, putative SACOL2258 staphylococcal accessory regulator V SACOL2260 hypothetical protein SACOL2261 molybdenum cofactor biosynthesis protein A SACOL2262 molybdenum cofactor biosynthesis protein A SACOL2263 molybdopterin-guanine dinucleotide biosynthesis protein A SACOL2264 molybdenum cofactor biosynthesis protein E SACOL2265 molybdopterin-guanine dinucleotide biosynthesis protein B SACOL2266 molybdopterin-guanine dinucleotide biosynthesis protein B SACOL2266 molybdopterin biosynthesis MoeA protein, putative
	NW0322 conserved hypothetical protein NW0324 conserved hypothetical protein NW0325 hypothetical protein, similar to transcriptional repressor NW03350 hypothetical protein NW0368 hypothetical protein, similar to AbiD1 [Genomic island nu Sa alpha2] NW0369 hypothetical protein NW0370 hypothetical protein NW0371 hypothetical protein NW0372 hypothetical protein NW0373 hypothetical protein NW0374 hypothetical protein NW0375 hypothetical protein NW0375 hypothetical protein NW0376 conserved hypothetical protein NW0377 conserved hypothetical protein NW0378 conserved hypothetical protein NW0378 conserved hypothetical protein		SACOLO560 2-amino-4-hydroxy-6-hydroxymethyldihydropteridine pyrophosphokinase SACOLO562 lysyl-tRNA synthetase SACOLO563 transcriptional regulator, GntR family SACOLO564 pyridoxine biosynthesis protein SACOLO565 conserved hypothetical protein SACOLO566 nucleoside permease NupC SACOLO566 rundeoside permease NupC SACOLO567 transcriptional regulator CtsR SACOLO568 conserved hypothetical protein SACOLO569 ATP: guanido phosphotransferase family protein SACOLO570 ATP-dependent Clp protease, ATP-binding subunit ClpC, authentic frameshift SACOLO573 PIN/TRAK domain protein SACOLO574 glutamyl-tRNA synthetase SACOLO575 serine acetyltransferase SACOLO576 cysteinyl-tRNA synthetase		SACOL1419 oligoendopeptidase F, putative SACOL1420 phosphate transport system protein PhoU, putative SACOL1421 phosphate ABC transporter, ATP-binding protein SACOL1422 phosphate ABC transporter, permease protein SACOL1423 phosphate ABC transporter, permease protein SACOL1424 phosphate ABC transporter, phosphate-binding protein SACOL1425 transposase, putative, truncation SACOL1426 conserved hypothetical protein SACOL1427 ABC transporter, ATP-binding protein 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 SACOL1433 peptidase, N2O/N25/N4O family		SACOL2267 molybdenum cofactor biosynthesis protein C SACOL2268 molybdenum cofactor biosynthesis protein B SACOL2269 molybdepterin biosynthesis KoeB protein, putative SACOL2270 molybdenum ABC transporter, ATP-binding protein KodC SACOL2271 molybdenum ABC transporter, permease protein KodB SACOL2272 molybdenum ABC transporter, molybdenum-binding protein KodA SACOL2273 formate dehydrogenase accessory protein FdhD SACOL2274 acetyltransferase, GMAT family SACOL2275 BioY family protein SACOL2276 inosine-uridine preferring nucleoside hydrolase SACOL2277 iron compound ABC transporter, iron compound-binding protein SACOL2278 acyl-CoA dehydrogenase-related protein SACOL2279 transporter, putative SACOL2280 urease, gamma subunit SACOL2281 urease, beta subunit
	IW0382 exotorin homolog [Genomic island nu Sa alpha2] IW0386 exotorin homolog [Genomic island nu Sa alpha2] IW0387 exotorin homolog [Genomic island nu Sa alpha2] IW0388 exotorin homolog [Genomic island nu Sa alpha2] IW0389 exotorin homolog [Genomic island nu Sa alpha2] IW0393 probable specificity determinant HsdS IW0394 exotorin homolog [Genomic island nu Sa alpha2] IW0395 hypothetical protein IW0395 hypothetical protein IW0396 hypothetical protein IW0398 hypothetical protein IW0399 hypothetical protein IW0412 hypothetical protein IW0529 hypothetical protein IW0654 hypothetical protein IW0669 hypothetical protein		SACOLO577 conserved hypothetical protein SACOLO578 RMA methyltransferase, TrmH family SACOLO580 conserved hypothetical protein SACOLO580 conserved hypothetical protein SACOLO581 preprotein translocase, SecE subunit SACOLO582 transcription antitermination protein NusG SACOLO583 ribosomal protein L11 SACOLO584 ribosomal protein L1 SACOLO585 ribosomal protein L10 SACOLO586 ribosomal protein L7/L12 SACOLO587 conserved hypothetical protein SACOLO588 DMA-directed RMA polymerase, beta subunit SACOLO589 DMA-directed RMA polymerase, beta subunit SACOLO590 30S ribosomal protein L7 Ae SACOLO591 ribosomal protein S12		SACOL1434 alanine racemase family protein SACOL1435 diaminopimelate decarboxylase SACOL1436 hypothetical protein SACOL1437 cold shock protein, CSD family SACOL1437 cold shock protein, CSD family SACOL1439 acylphosphatase SACOL1449 xpaC protein, putative SACOL1440 xpaC protein, putative SACOL1441 tellurite resistance protein, putative SACOL1442 transposase, putative, degenerate SACOL1442 transposase, putative, degenerate SACOL1443 branched-chain amino acid transport system II carrier protein SACOL1444 conserved hypothetical protein SACOL1445 CbbQ/NirQ/MorQ/GpvN family protein SACOL1446 conserved hypothetical protein SACOL1447 conserved hypothetical protein SACOL1448 2-oxoglutarate dehydrogenase, E2 component, dihydroipoamide succinyltransferase		SACOL2282 urease, alpha subunit SACOL2283 urease accessory protein UreE SACOL2284 urease accessory protein UreF SACOL2285 urease accessory protein UreG SACOL2286 urease accessory protein UreD SACOL2286 staphylococcal accessory regulator R SACOL2288 conserved hypothetical protein SACOL2289 staphylococcal accessory regulator Y SACOL2289 transcriptional regulator, AraC family SACOL2291 transcriptional regulator, AraC family SACOL2291 staphyloxanthin biosynthesis protein SACOL2292 Mat/H+ antiporter MhaC SACOL2293 MAD/MADP octopine/nopaline dehydrogenase family protein SACOL2295 staphyloxanthin biosynthesis protein, putative SACOL2296 D-isomer specific 2-hydroxyacid dehydrogenase family protein
	NW0677 hypothetical protein, similar to para-aminobenzoate synthase component I NW0678 hypothetical protein NW0744 hypothetical protein, similar to integrase [Genomic island nu Sa alpha3mw] NW0746 hypothetical protein NW0747 hypothetical protein NW0747 hypothetical protein NW0749 hypothetical protein NW0750 hypothetical protein NW0751 putative primase NW0751 putative primase NW0752 hypothetical protein NW0753 hypothetical protein NW0753 hypothetical protein NW0754 hypothetical protein NW0755 hypothetical protein NW0755 hypothetical protein NW0755 hypothetical protein		SACOLO592 ribosomal protein S7 SACOLO593 translation elongation factor G SACOLO594 translation elongation factor Tu SACOLO595 peptidase, M20/M25/M40 family SACOLO596 aminotransferase, class II SACOLO597 conserved hypothetical protein SACOLO598 L-ribulokinase, putative SACOLO599 conserved hypothetical protein SACOLO599 conserved hypothetical protein SACOLO600 branched-chain amino acid aminotransferase SACOLO601 hypothetical protein SACOLO602 hydrolase, haloacid dehalogenase-like family SACOLO603 deoxynucleoside kinase family protein SACOLO605 cytidine/deoxycytidylate deaminase family protein, authentic frameshift		SACOL1449 2-oxoglutarate dehydrogenase, E1 component SACOL1450 sensor histidine kinase ArlS SACOL1451 DNA-binding response regulator ArlR SACOL1452 PAP2 family protein SACOL1453 UDP-N-acetylglucosamineN-acetylmuramyl-(pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase SACOL1454 acetyltransferase, GMAT family, authentic frameshift SACOL1455 carboxyl-terminal protease SACOL1456 conserved hypothetical protein SACOL1457 PTS system, IIA component SACOL1459 peptide methionine sulfoxide reductase, degenerate SACOL1460 degV family protein SACOL1461 dihydrofolate reductase SACOL1462 thymidylate synthase SACOL1464 conserved hypothetical protein		SACOL2297 monooxygenase family protein SACOL2298 M-acetylmuramoyl-L-alamine amidase, family 4 SACOL2299 conserved hypothetical protein SACOL2300 conserved hypothetical protein SACOL2301 formate dehydrogenase, alpha subunit, putative SACOL2302 transcriptional regulator, putative SACOL2303 inositol monophosphatase family protein SACOL2304 conserved domain protein SACOL2305 transposase, putative, degenerate SACOL2306 abortive infection protein family SACOL2307 conserved hypothetical protein SACOL2308 phosphosugar-binding transcriptional regulator, RpiR family SACOL2300 conserved hypothetical protein SACOL2300 conserved hypothetical protein
	INV0757 hypothetical protein INV0759 ENTEROTOZIN TYPE C PRECURSOR INV0760 extracellular enterotoxin L INV0765 truncated secreted von Willebrand factor-binding protein VWbp INV0768 hypothetical protein, similar to extracellular matrix and plasma binding INV0774 hypothetical protein INV0776 hypothetical protein INV0776 hypothetical protein, similar to lactococcin 972 INV0912 truncated hypothetical protein INV1019 hypothetical protein INV1037 hypothetical protein INV1038 hypothetical protein INV1038 hypothetical protein INV1038 hypothetical protein INV1038 truncated transposase INV1078 truncated transposase INV1197 hypothetical protein		SACOLOGO hydrolase, haloacid dehalogenase-like family SACOLOGO asoreductase SACOLOGO sdrD protein SACOLOGO sdrD protein SACOLOGO sdrE protein sdrE protein SACOLOGO sdrE protein sdrE protein SACOLOGO sdrE protein sdrE prot		SACOL1465 conserved hypothetical protein SACOL1466 conserved domain protein SACOL1467 conserved hypothetical protein SACOL1468 membrane protein, putative SACOL1469 hypothetical protein SACOL1471 cell wall ensyme EbsB, putative SACOL1472 cell wall associated fibronectin-binding protein SACOL1475 drug transporter, putative SACOL1476 amino acid permease SACOL1476 mino acid permease SACOL1477 threonine dehydratase, catabolic SACOL1478 alanine dehydrogenase SACOL1479 5-3 exonuclease, putative SACOL1479 conserved hypothetical protein SACOL1481 conserved hypothetical protein SACOL1482 hypothetical protein		SACOL2312 conserved hypothetical protein SACOL2313 hydrolase, haloacid dehalogenase-like family SACOL2314 sodium/bile acid symporter family protein SACOL2315 conserved hypothetical protein SACOL2316 PTS system, IIBC components SACOL2317 phosphosugar-binding transcriptional regulator SACOL2318 conserved hypothetical protein SACOL2318 conserved hypothetical protein SACOL2319 Na+/H+ antiporter family protein SACOL2320 conserved hypothetical protein SACOL2321 oxidoreductase, short chain dehydrogenase/reductase family SACOL2322 peptidase, N2O/N25/N4O family SACOL2323 imidazolonepropionase SACOL2324 urocanate hydratase SACOL2325 transcriptional regulator, LysR family
	<pre>NW1199 hypothetical protein NW1201 hypothetical protein NW1258 phosphoriborylanthranilate isomerase NW1263 hypothetical protein NW1278 truncated transposase NW1313 conserved hypothetical protein NW1322 hypothetical protein NW1328 hypothetical protein NW1338 hypothetical protein NW1355 3-dehydroquinate synthase NW1374 conserved hypothetical protein NW1376 hypothetical protein NW1377 hypothetical protein NW1377 Panton-Valentine leukocidin chain F precursor NW1379 Panton-Valentine leukocidin chain S precursor</pre>		SACOLO621 substrateCoA ligase, putative SACOLO622 acetyl-CoA acetyltransferase SACOLO623 conserved hypothetical protein SACOLO624 conserved hypothetical protein SACOLO625 conserved hypothetical protein SACOLO626 phosphomethylpyrimidine kinase SACOLO627 uracil-DNA glycosylase SACOLO628 conserved hypothetical protein SACOLO629 conserved hypothetical protein SACOLO630 amino acid permease SACOLO631 conserved hypothetical protein SACOLO632 membrane protein, putative SACOLO633 conserved hypothetical protein SACOLO634 phosphate acetyltransferase SACOLO635 lipoate-protein ligase A family protein		SACOL1483 conserved hypothetical protein SACOL1484 conserved hypothetical protein SACOL1485 conserved hypothetical protein SACOL1486 conserved hypothetical protein SACOL1489 recombination protein U SACOL1490 penicillin-binding protein 2 SACOL1491 conserved hypothetical protein SACOL1491 endonuclease III SACOL1493 DNA replication protein DnaD, putative SACOL1494 asparaginyl-tRNA synthetase SACOL1495 DNA polymerase III, epsilon subunit/ATP-dependent helicase DinG SACOL1496 birA bifunctional protein SACOL1497 polyA polymerase SACOL1498 glycosyl transferase, group 1 family protein SACOL1499 conserved hypothetical protein		SACOL2326 fosfomycin resistance protein SACOL2327 formiminoglutamase SACOL2328 abortive infection protein family SACOL2328 ribose 5-phosphate isomerase SACOL2330 conserved hypothetical protein SACOL2332 aldose 1-epimerase SACOL2332 rnfA family protein SACOL2333 VnfA family protein SACOL2334 conserved hypothetical protein SACOL2335 ABC transporter, ATP-binding protein SACOL2338 hypothetical protein SACOL2338 hypothetical protein SACOL2339 sodium:glutamate symporter SACOL2340 sodium:glutamate symporter SACOL2341 isopentenyl diphosphate isomerase SACOL2342 magnesium and cobalt transport protein CorA, putative SACOL2343 conserved hypothetical protein
	<pre>1W1381 holin 1W1401 terminase large subunit 1W1404 hypothetical protein 1W1406 hypothetical protein 1W1408 hypothetical protein 1W1409 hypothetical protein 1W1411 hypothetical protein, similar to int gene activator RinB [Bacteriophage phi Sa 2mw] 1W1412 hypothetical protein 1W1413 hypothetical protein 1W1413 hypothetical protein 1W1414 hypothetical protein 1W1415 hypothetical protein 1W1416 hypothetical protein 1W1416 hypothetical protein 1W1417 hypothetical protein 1W1418 hypothetical protein 1W1418 hypothetical protein 1W1418 hypothetical protein 1W1419 hypothetical protein</pre>		SACOLO636 mevalonate kinase SACOLO637 mevalonate diphosphate decarboxylase SACOLO639 phosphomevalonate kinase SACOLO639 conserved hypothetical protein SACOLO640 pyridine nucleotide-disulfide oxidoreductase SACOLO641 conserved hypothetical protein SACOLO643 conserved hypothetical protein SACOLO644 conserved hypothetical protein SACOLO645 conserved hypothetical protein SACOLO646 conserved hypothetical protein SACOLO647 conserved hypothetical protein SACOLO648 conserved hypothetical protein SACOLO649 conserved hypothetical protein SACOLO649 conserved hypothetical protein SACOLO650 conserved hypothetical protein SACOLO651 conserved hypothetical protein		SACOL1500 conserved hypothetical protein SACOL1501 conserved hypothetical protein SACOL1502 conserved hypothetical protein SACOL1503 conserved hypothetical protein SACOL1504 3-phosphoshikimate 1-carboxyvinyltransferase SACOL1505 3-dehydroquinate synthase SACOL1505 3-dehydroquinate synthase SACOL1506 chorismate synthase SACOL1507 hypothetical protein SACOL1509 nucleoside diphosphate kinase SACOL1510 polyprenyl synthetase SACOL1511 methlytransferase, UbiE/COQ5 family SACOL1512 conserved hypothetical protein SACOL1513 DNA-binding protein HU SACOL1514 glycerol-3-phosphate dehydrogenase, NAD-dependent SACOL1515 GTP-binding protein, Era/TrmE family		SACOL2344 hypothetical protein SACOL2345 esterase, putative SACOL2346 conserved hypothetical protein SACOL2347 drug resistance transporter, EmrB/QacA subfamily SACOL2348 drug transporter, putative SACOL2349 transcriptional regulator, TetR family SACOL2350 tcaB protein SACOL2351 hypothetical protein SACOL2352 tcaA protein SACOL2352 transcriptional regulator TcaR SACOL2354 membrane protein, putative SACOL2355 transposase, putative, degenerate SACOL2356 ABC transporter, ATP-binding protein SACOL2357 ABC transporter, permease protein SACOL2358 DMA-binding response regulator
	IW1420 hypothetical protein IW1421 hypothetical protein IW1422 hypothetical protein IW1423 hypothetical protein IW1424 hypothetical protein IW1425 DNA polymerase IW1426 hypothetical protein IW1427 hypothetical protein IW1428 hypothetical protein IW1428 hypothetical protein IW1428 hypothetical protein IW1429 hypothetical protein IW1430 hypothetical protein IW1431 hypothetical protein IW1431 hypothetical protein IW1432 hypothetical protein IW1433 hypothetical protein IW1435 hypothetical protein IW1436 hypothetical protein IW1437 hypothetical protein IW1438 hypothetical protein, similar to Cro-like protein from Streptococcus pyogenes III GAS [Bacteriophage phi Sa 2mw] IW1436 phage repressor		SACOLO652 conserved hypothetical protein SACOLO653 conserved hypothetical protein SACOLO654 conserved hypothetical protein SACOLO655 oxidoreductase, aldo/keto reductase family SACOLO656 conserved hypothetical protein SACOLO657 acetyltransferase, GMAT family, authentic point mutation SACOLO658 HD domain protein SACOLO659 conserved hypothetical protein SACOLO660 alcohol dehydrogenase, sinc-containing SACOLO660 arginyl-tRNA synthetical protein SACOLO666 endonuclease III, putative SACOLO666 iron compound ABC transporter, iron compound-binding protein, putative SACOLO666 hydrolase, haloacid dehalogenase-like family		SACOL1516 ribosomal protein S1 SACOL1513 cytidylate kinase SACOL1519 L-asparaginase SACOL1520 pyridine nucleotide-disulfide oxidoreductase SACOL1521 hypothetical protein SACOL1522 elastin binding protein, putative SACOL1522 elastin binding protein, putative SACOL1523 ATP-dependent DNA helicase RecQ SACOL1524 conserved hypothetical protein SACOL1525 ferredoxin SACOL1526 conserved hypothetical protein SACOL1528 hypothetical protein SACOL1529 hypothetical protein SACOL1530 hypothetical protein SACOL1531 hypothetical protein SACOL1532 hypothetical protein		SACOL2359 sensor histidine kinase SACOL2360 response regulator-related protein SACOL2361 hypothetical protein SACOL2362 malate: quinone oxidoreductase SACOL2363 L-lactate permease SACOL2364 conserved hypothetical protein SACOL2365 conserved hypothetical protein SACOL2366 acetyltransferase, GMAT family SACOL2367 alcohol dehydrogenase, sinc-containing SACOL2369 pyridine nucleotide-disulfide oxidoreductase SACOL2369 pyridire nucleotide-disulfide oxidoreductase SACOL2371 conserved hypothetical protein SACOL2373 conserved hypothetical protein SACOL2374 transcriptional regulator, TetR family, putative SACOL2375 transporter, CorA family
	1001437 hypothetical protein 1001438 hypothetical protein 1001439 hypothetical protein 1001440 hypothetical protein 1001441 hypothetical protein 1001442 integrase 1001444 hypothetical protein 1001492 hypothetical protein 1001600 hypothetical protein 1001601 hypothetical protein 1001602 hypothetical protein 1001602 hypothetical protein 1001735 hypothetical protein 1001736 hypothetical protein 1001736 conserved hypothetical protein 1001738 conserved hypothetical protein		SACOLO668 hydrolase, alpha/beta hydrolase fold family SACOLO669 conserved hypothetical protein SACOLO670 conserved hypothetical protein SACOLO671 hydrolase, alpha/beta hydrolase fold family SACOLO672 staphylococcal accessory regulator A SACOLO675 conserved hypothetical protein SACOLO676 conserved hypothetical protein SACOLO677 conserved hypothetical protein SACOLO678 integrase/recombinase, phage integrase family SACOLO678 integrase/recombinase, phage integrase family SACOLO679 Na+/H+ antiporter, NnhB component, putative SACOLO680 Na+/H+ antiporter, NnhB component, putative SACOLO681 Na+/H+ antiporter, NnhB component, putative SACOLO682 Na+/H+ antiporter, NnhB component, putative SACOLO685 Na+/H+ antiporter, NnhB component, putative SACOLO685 Na+/H+ antiporter, NnhB component, putative SACOLO685 Na+/H+ antiporter, NnhB component, putative		SACOL1533 hypothetical protein SACOL1534 sensor histidine kinase SrrB SACOL1535 DNA-binding response regulator SrrA SACOL1536 pseudouridine synthase SACOL1537 conserved hypothetical protein TIGRO0281 SACOL1538 conserved hypothetical protein SACOL1539 conserved hypothetical protein SACOL1540 site-specific recombinase ZerD SACOL1541 transcriptional regulator, Fur family SACOL1542 NutT/nudix family protein SACOL1543 oxidoreductase, aldo/keto reductase family SACOL1544 hypothetical protein SACOL1545 oxidoreductase, short-chain dehydrogenase/reductase family SACOL1546 pyrroline-5-carboxylate reductase SACOL1548 AtsA/ElaC family protein SACOL1549 glucose-6-phosphate 1-dehydrogenase		SACOL2376 PTS system, sucrose-specific IIBC components, putative SACOL2377 conserved hypothetical protein SACOL2378 transcriptional regulator, AraC family SACOL2379 conserved hypothetical protein SACOL2381 conserved hypothetical protein SACOL2382 proton/sodium-glutamate symport protein SACOL2383 conserved hypothetical protein SACOL2384 staphylococcal accessory protein S SACOL2385 heat shock protein, Hsp20 family SACOL2386 nitrite extrusion protein SACOL2387 conserved hypothetical protein, authentic point mutation SACOL2388 transcriptional regulator, MerR family, putative SACOL2389 transcriptional regulatory protein DegU, putative SACOL2390 sensory box histidine kinase, putative SACOL2391 conserved hypothetical protein
	<pre>10W1741 hypothetical protein 10W1742 hypothetical protein 10W1746 hypothetical protein 10W1746 hypothetical protein 10W1747 truncated transposase 10W1756 hypothetical protein 10W1766 hypothetical protein, similar to gallidermin precursor [Genomic island nu Sa beta2] 10W1780 hypothetical protein 10W1864 truncated transposase 10W1879 truncated transposase 10W1879 truncated map-w protein 10W1880 truncated cell surface protein map-w 10W1880 truncated protein 10W1881 hypothetical protein 10W1883 hypothetical protein 10W1885 STAPHYLOKIMASE PRECURSOR 10W1886 lytic ensyme 10W1887 holin homolog [Bacteriophage phi Sa 3mw]</pre>		SACOLO686 Na+/H+ antiporter, NnhG component, putative SACOLO687 Na+/H+ antiporter, putative SACOLO688 ABC transporter, substrate-binding protein SACOLO689 ABC transporter, permease protein SACOLO690 ABC transporter, ATP-binding protein SACOLO691 iron-dependent repressor SACOLO692 conserved hypothetical protein SACOLO693 UDP-N-acetyl-D-mannosamine transferase SACOLO694 tagH protein, teichoic acid ABC transporter protein, putative SACOLO695 tagG protein, teichoic acid ABC transporter protein, putative SACOLO696 teichoic acid biosynthesis protein B SACOLO697 teichoic acid biosynthesis protein X SACOLO698 glycerol-3-phosphate cytidylyltransferase SACOLO699 penicillin-binding protein 4 SACOLO700 ABC transporter, ATP-binding/permease protein		SACOL1550 transcriptional regulator, AraC family SACOL1551 alpha-glucosidase SACOL1552 maltose operon repressor SACOL1553 glyoxalase family protein SACOL1554 o-phosphogluconate dehydrogenase, decarboxylating SACOL1555 peptidase, N2O/N25/N4O family SACOL1556 hypothetical protein SACOL1557 conserved hypothetical protein SACOL1558 conserved hypothetical protein SACOL1558 conserved hypothetical protein SACOL1560 2-oxoisovalerate dehydrogenase, E2 component, dihydrolipoamide acetyltransferase SACOL1561 2-oxoisovalerate dehydrogenase, E1 component, beta subunit SACOL1562 2-oxoisovalerate dehydrogenase, E1 component, alpha subunit SACOL1563 2-oxoisovalerate dehydrogenase, E3 component, lipoamide dehydrogenase SACOL1564 DNA repair protein RecN SACOL1565 arginine zepressor		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 [MAD(P)H], small subunit SACOL2398 nitrite reductase [MAD(P)H], large subunit SACOL2399 transcriptional regulator NirR SACOL2400 acetyltransferase, GMAT family SACOL2401 formate/nitrite transporter family protein SACOL2402 conserved hypothetical protein SACOL2403 ABC transporter, substrate-binding protein SACOL2404 conserved hypothetical protein SACOL2405 conserved hypothetical protein SACOL2407 lipoprotein, putative SACOL2408 conserved hypothetical protein
	IW1888 hypothetical protein IW1899 staphylococcal enterotoxin A precursor IW1890 hypothetical protein IW1891 hypothetical protein IW1893 hypothetical protein IW1894 hypothetical protein IW1895 hypothetical protein IW1897 hypothetical protein IW1897 hypothetical protein IW1898 hypothetical protein IW1898 hypothetical protein IW1899 hypothetical protein IW1900 hypothetical protein IW1901 hypothetical protein IW1902 hypothetical protein IW1903 hypothetical protein IW1904 capsid protein IW1904 capsid protein		SACOLO701 nucleoside permease MupC, putative SACOLO703 conserved hypothetical protein SACOLO704 iron compound ABC transporter, ATP-binding protein SACOLO705 iron compound ABC transporter, permease protein SACOLO706 iron compound ABC transporter, permease protein SACOLO707 dihydroxyacetone kinase family protein SACOLO708 DAK2 domain protein SACOLO709 conserved hypothetical protein SACOLO710 conserved hypothetical protein SACOLO711 conserved hypothetical protein SACOLO712 lipase/esterase SACOLO713 hypothetical protein SACOLO714 acetyltransferase, GNAT family SACOLO715 conserved hypothetical protein SACOLO716 DNA-binding response regulator		SACOL1566 geranyltranstransferase SACOL1567 exodeoxyribonuclease VII, small subunit SACOL1568 exodeoxyribonuclease VII, large subunit SACOL1569 N utilization substance protein B SACOL1570 conserved hypothetical protein SACOL1571 acetyl-CoA carboxylase, biotin carboxylase SACOL1572 acetyl-CoA carboxylase, biotin carboxyl carrier protein SACOL1573 integrase/recombinase, core domain family, authentic frameshift SACOL1574 conserved hypothetical protein SACOL1575 hypothetical protein SACOL1576 traG protein, putative SACOL1577 conserved hypothetical protein SACOL1578 FtsK/SpoIIIE family protein SACOL1579 conserved hypothetical protein SACOL1579 conserved hypothetical protein		SACOL2409 fmAA protein SACOL2410 amino acid ABC transporter, ATP-binding protein SACOL2411 amino acid ABC transporter, permease protein SACOL2412 amino acid ABC transporter, amino acid-binding protein SACOL2413 drug resistance transporter, EmrB/QacA subfamily SACOL2415 phosphoglycerate mutase SACOL2416 cation efflux family protein SACOL2418 IgG-binding protein SBI SACOL2419 gamma-hemolysin, component A SACOL2421 gamma hemolysin, component C SACOL2422 gamma hemolysin, component B SACOL2423 BioZ protein, putative SACOL2424 8-amino-7-oxononanoate synthase, putative SACOL2425 biotin synthetase
	<pre>1W1905 hypothetical protein 1W1906 portal protein 1W1907 hypothetical protein 1W1908 hypothetical protein 1W1909 hypothetical protein 1W1910 hypothetical protein 1W1910 hypothetical protein 1W1911 hypothetical protein 1W1912 hypothetical protein 1W1913 hypothetical protein 1W1914 hypothetical protein 1W1915 hypothetical protein 1W1917 hypothetical protein 1W1918 hypothetical protein 1W1919 hypothetical protein 1W1919 hypothetical protein 1W1919 hypothetical protein 1W1920 hypothetical protein</pre>		SACOLO717 sensor histidine kinase SACOLO718 ABC transporter, ATP-binding protein SACOLO720 ABC transporter, permease protein SACOLO721 conserved hypothetical protein SACOLO722 phosphate transporter family protein SACOLO723 Lysk domain protein SACOLO724 conserved hypothetical protein SACOLO725 transcriptional regulator, AraC family SACOLO726 staphylococcal accessory protein Z SACOLO727 conserved hypothetical protein TIGRO1033 SACOLO728 conserved hypothetical protein SACOLO730 conserved hypothetical protein SACOLO731 transcriptional regulator, Lysk family SACOLO733 sugar efflux transporter, putative SACOLO734 conserved hypothetical protein		SACOL1581 conserved hypothetical protein SACOL1582 conserved hypothetical protein SACOL1583 replication initiation factor family protein SACOL1584 hypothetical protein SACOL1585 conserved hypothetical protein SACOL1587 translation elongation factor P SACOL1588 proline dipeptidase SACOL1589 lipoprotein, putative SACOL1589 lipoprotein, putative SACOL1590 conserved hypothetical protein SACOL1591 lipoate-protein ligase A family protein SACOL1592 rhodanese-like domain protein SACOL1593 glycine cleavage system P protein, subunit 2 SACOL1594 glycine cleavage system P protein, subunit 1 SACOL1595 glycine cleavage system T protein		SACOL2427 adenosylmethionine8-amino-7-oxononanoate aminotransferase SACOL2428 dethiobiotin synthase SACOL2429 hypothetical protein SACOL2430 ABC transporter, ATP-binding/permease protein SACOL2431 ABC transporter, ATP-binding/permease protein SACOL2434 membrane protein, putative SACOL2435 glycerate kinase SACOL2436 conserved hypothetical protein SACOL2437 bicyclomycin resistance protein SACOL2438 endopeptidase, putative SACOL2438 conserved hypothetical protein SACOL2439 conserved hypothetical protein SACOL2440 conserved hypothetical protein SACOL2441 amino acid permease SACOL2442 Na+/H+ antiporter, putative
	<pre>1W1921 single-strand DNA-binding protein 1W1922 hypothetical protein 1W1924 hypothetical protein 1W1925 hypothetical protein 1W1926 hypothetical protein 1W1926 hypothetical protein 1W1928 hypothetical protein 1W1930 hypothetical protein 1W1930 hypothetical protein 1W1931 hypothetical protein 1W1932 phage anti repressor 1W1933 hypothetical protein 1W1934 hypothetical protein 1W1935 hypothetical protein 1W1936 phage repressor</pre>		SACOLO735 conserved hypothetical protein SACOLO736 acetyltransferase, GMAT family SACOLO737 conserved hypothetical protein SACOLO738 conserved hypothetical protein SACOLO739 acetyltransferase, GMAT family SACOLO740 decarboxylase family protein SACOLO741 conserved hypothetical protein SACOLO742 fibrinogen-binding protein A, clumping factor SACOLO743 bacitracin resistance protein SACOLO744 ABC transporter, ATP-binding protein, MsbA family SACOLO745 ABC transporter, ATP-binding protein, MsbA family SACOLO746 transcriptional regulator, Mark family SACOLO747 cobalamin synthesis protein/P47K family protein SACOLO749 conserved hypothetical protein		SACOL1596 shikimate kinase SACOL1597 conserved hypothetical protein SACOL1598 conserved hypothetical protein SACOL1599 comf operon protein 3 precursor SACOL1600 competence protein ComGB, putative SACOL1601 competence protein comGA, putative SACOL1602 metallo-beta-lactamase family protein SACOL1603 conserved hypothetical protein TIGRO0106 SACOL1604 glucokinase SACOL1605 conserved hypothetical protein SACOL1606 rhomboid family protein SACOL1607 5-formyltetrahydrofolate cyclo-ligase family protein SACOL1608 ribosomal protein L33 SACOL1609 penicillin-binding protein 3 SACOL1610 superoxide dismutase		SACOL2443 membrane protein, putative SACOL2445 fmtA-like protein SACOL2446 epimerase/dehydratase, putative SACOL2448 2-dehydropantoate 2-reductase, putative SACOL2449 drug transporter, putative SACOL2450 amino acid ABC transporter, permease protein SACOL2451 amino acid ABC transporter, amino acid-binding protein SACOL2452 amino acid ABC transporter, permease protein SACOL2453 amino acid ABC transporter, ATP-binding protein SACOL2454 typothetical protein SACOL2454 conserved hypothetical protein SACOL2458 amino acid permease SACOL2459 carboxylesterase SACOL2460 drug transporter, putative SACOL2461 conserved hypothetical protein TIGROO245
	<pre>1W1939 integrase 1W1950 truncated hypothetical protein 1W1960 accessory gene regulator B 1W1961 AgrD 1W1962 AgrC 1W2019 hypothetical protein 1W2003 hypothetical protein, similar to transposase for IS232 1W2074 hypothetical protein, similar to transposase for IS232 1W2075 hypothetical protein, similar to transposase for IS232 1W2076 hypothetical protein, similar to transposase for IS232 1W2076 hypothetical protein, similar to ABC transporter (ATP-binding protein) 1W2086 truncated FmtB protein 1W2124 hypothetical protein 1W2125 hypothetical protein 1W2126 hypothetical protein 1W2127 hypothetical protein 1W2130 hypothetical protein, similar to IMC class II analog 1W2132 alpha-accetolactate synthase</pre>		SACOLO750 anion transporter family protein SACOLO751 deoxyribodipyrimidine photolyase, putative SACOLO752 conserved hypothetical protein SACOLO753 conserved hypothetical protein SACOLO754 multi drug resistance protein (norA) SACOLO755 conserved hypothetical protein SACOLO756 ebsC protein SACOLO757 transcriptional regulator, DeoR family SACOLO758 1-phosphofructokinase SACOLO759 PTS system, fructose-specific IIABC component, authentic frameshift SACOLO761 N-acetylglucosamine-6-phosphate deacetylase SACOLO762 hemolysin, putative SACOLO763 oxidoreductase, aldo/keto reductase family SACOLO764 glycosyl transferase, group 2 family protein SACOLO765 sensor histidine kinase SaeS SACOLO766 DNA-binding response regulator SaeR		SACOL1611 transcriptional regulator, Fur family SACOL1612 ABC transporter, permease protein SACOL1613 ABC transporter, ATP-binding protein SACOL1614 endonuclease IV SACOL1615 ATP-dependent RNA helicase, DEAD/DEAH box family SACOL1616 conserved hypothetical protein TIGRO0486 SACOL1617 conserved hypothetical protein SACOL1618 RNA polymerase signa-70 factor SACOL1619 DNA primase SACOL1620 conserved hypothetical protein SACOL1621 CBS domain protein SACOL1622 glycyl-tRNA synthetase SACOL1623 DNA repair protein Rec0 family SACOL1624 GTP-binding protein Era SACOL1625 cytidine deaminase SACOL1626 diacylglycerol kinase		SACOL2462 ABC transporter, ATP-binding protein SACOL2463 glutamyl-aminopeptidase SACOL2464 conserved hypothetical protein SACOL2465 conserved hypothetical protein SACOL2466 hypothetical protein SACOL2467 lipoprotein, putative SACOL2469 glutamate synthase-related protein SACOL2470 hypothetical protein SACOL2471 transporter, putative SACOL2472 peptide ABC transporter, ATP-binding protein SACOL2473 peptide ABC transporter, permease protein SACOL2474 peptide ABC transporter, permease protein SACOL2475 peptide ABC transporter, permease protein SACOL2476 conserved hypothetical protein SACOL2477 conserved hypothetical protein
	IW2133 hypothetical protein IW2134 hypothetical protein IW2223 hypothetical protein IW2262 hypothetical protein IW2262 hypothetical protein, similar to export protein IW2292 hypothetical protein, similar to general stress protein 26 IW2302 hypothetical protein IW2302 hypothetical protein IW2354 hypothetical protein IW2355 hypothetical protein, similar to beta-lactamase IW2365 hypothetical protein, similar to beta-lactamase IW2386 hypothetical protein, similar to glucose 1-dehydrogenase IW2396 hypothetical protein IW2400 hypothetical protein IW2401 hypothetical protein		SACOLO767 conserved hypothetical protein SACOLO768 conserved hypothetical protein SACOLO769 conserved hypothetical protein SACOLO770 radical activating ensyme family protein SACOLO771 6-pyruvoyl tetrahydrobiopterin synthase, putative SACOLO772 exsB protein SACOLO773 para-aminobenzoate synthase, glutamine amidotransferase, component II SACOLO774 para-aminobenzoate synthase, component I, putative, authentic frameshift SACOLO776 conserved hypothetical protein TIGRO0370 SACOLO777 urea amidolyase-related protein SACOLO778 sulfatase family protein SACOLO779 ABC transporter, ATP-binding protein SACOLO780 ATP-dependent DNA helicase RecQ SACOLO781 osmoprotectant ABC transporter, ATP-binding protein, putative SACOLO783 osmoprotectant ABC transporter, permease protein		SACOL1627 conserved hypothetical protein TIGRO0043 SACOL1628 PhoH family protein SACOL1629 conserved hypothetical protein SACOL1630 conserved hypothetical protein SACOL1631 conserved hypothetical protein SACOL1632 ribosomal protein S21 SACOL1633 conserved hypothetical protein SACOL1634 conserved hypothetical protein SACOL1635 ribosomal protein L11 methyltransferase SACOL1636 ribosomal protein L11 methyltransferase SACOL1636 hypothetical protein SACOL1637 dnaK protein SACOL1638 heat shock protein GrpE SACOL1639 heat-inducible transcription repressor HrcA SACOL1640 oxygen-independent coproporphyrinogen III oxidase, putative SACOL1641 GTP-binding protein LepA		SACOL2479 conserved hypothetical protein SACOL2480 hypothetical protein SACOL2481 hypothetical protein SACOL2482 3-oxoacyl-(acyl carrier protein) reductase, authentic point mutation SACOL2482 transporter, putative SACOL2484 alkylhydroperoxidase, AhpD family SACOL2485 hypothetical protein SACOL2486 hypothetical protein SACOL2486 oxidoreductase, short-chain dehydrogenase/reductase family SACOL2488 conserved hypothetical protein SACOL2489 conserved hypothetical protein SACOL2491 conserved hypothetical protein SACOL2493 conserved hypothetical protein SACOL2494 hypothetical protein SACOL2495 hypothetical protein
	IW2406 hypothetical protein IW2407 hypothetical protein IW2408 hypothetical protein IW2414 hypothetical protein IW2416 hypothetical protein, similar to surface protein precursor IW2420 fibronectin-binding protein homolog IW2421 fibronectin-binding protein homolog IW2422 hypothetical protein IW2423 hypothetical protein IW2430 hypothetical protein, similar to pyruvate oxidase IW2460 hypothetical protein, similar to pyruvate oxidase IW2470 hypothetical protein, similar to transcriptional regulator tetR-family IW2493 hypothetical protein IW2493 hypothetical protein IW2495 truncated hypothetical protein IW2515 truncated hypothetical protein IW2551 Clumping factor B		SACOLO784 histidinol-phosphate aminotransferase SACOLO785 conserved hypothetical protein SACOLO786 hypothetical protein SACOLO787 conserved hypothetical protein TIGR00147 SACOLO787 conserved hypothetical protein TIGR00147 SACOLO788 proton-dependent oligopeptide transporter family protein SACOLO789 GTP cyclohydrolase I family protein SACOLO790 integral membrane domain protein SACOLO790.1 ribonucleoside-diphosphate reductase 2, NrdH-redoxin, putative SACOLO791 nrdI protein SACOLO792 ribonucleoside-diphosphate reductase 2, alpha subunit SACOLO793 ribonucleoside-diphosphate reductase 2, beta subunit SACOLO796 iron compound ABC transporter, permease protein SACOLO797 iron compound ABC transporter, permease protein SACOLO798 iron compound ABC transporter, permease protein SACOLO799 transferrin receptor		SACOL1642 ribosomal protein S20 SACOL1643 conserved hypothetical protein SACOL1644 competence protein ComBC/Rec2, putative SACOL1645 comE operon protein 2 SACOL1646 comE operon protein 1-related protein SACOL1647 conserved hypothetical protein SACOL1648 iojap-related protein SACOL1649 conserved hypothetical protein TIGR00488 SACOL1650 nicotinate (nicotinamide) nucleotide adenylyltransferase SACOL1651 conserved hypothetical protein TIGR00253 SACOL1652 shikimate 5-dehydrogenase SACOL1653 GTP-binding protein, putative SACOL1654 hydrolase, HAD-superfamily, subfamily IIIA SACOL1655 5-methylthioadenosine/S-adenosylhomocysteine nucleosidase SACOL1656 hypothetical protein		SACOL2496 conserved hypothetical protein SACOL2497 conserved hypothetical protein SACOL2498 lipoprotein, putative SACOL2499 helicase, putative SACOL2500 MutT/nudix family protein SACOL2501 phosphoglucomutase/phosphomannomutase family protein SACOL2502 hypothetical protein SACOL2503 hypothetical protein SACOL2504 permease, putative SACOL2505 cell wall surface anchor family protein SACOL2505 staphylococcal accessory regulator T SACOL2506 staphylococcal accessory regulator U SACOL2508 UTP-glucose-1-phosphate uridylyltransferase SACOL2509 fibronectin binding protein B SACOL2511 fibronectin-binding protein A
	INW2512 collagen adhesin precursor INW2612 conserved hypothetical protein SA0053 ORFID: SA0053~truncated hypothetical protein, similar to DNA repair SA0063 transposase SA0064 ORFID: SA0064~hypothetical protein, similar to transposase SA0062 staphylocoagulase precursor SA0300 truncated hypothetical protein SA0385 exotoxin 9 SA0742 fibrinogen-binding protein A, clumping factor SA1624 ORFID: SA1624~transposase homolog for IS232 [Pathogenicity island SaPIn3] SA1636 hypothetical protein SA1755 truncated amidase SA1757 truncated amidase SA1761 enterotoxin P		SACOLO899 transferrin receptor SACOLO800 conserved hypothetical protein SACOLO801 UDP-N-acetylenolpyruvoylglucosamine reductase SACOLO802 conserved hypothetical protein SACOLO803 lipoprotein, putative SACOLO804 conserved hypothetical protein SACOLO805 glycerate kinase family protein SACOLO806 peptidase T SACOLO807 conserved hypothetical protein SACOLO808 membrane protein, putative SACOLO809 GGDEF domain protein SACOLO809 glycosyl transferase, group 4 family protein SACOLO811 conserved hypothetical protein TIGRO0257 SACOLO812 degV family protein SACOLO813 comf operon protein 1, putative SACOLO814 competence protein F		SACOL1656 hypothetical protein SACOL1657 enterotoxin type A, putative SACOL1658 hypothetical protein SACOL1659 conserved hypothetical protein SACOL1660 LamB/YcsF family protein SACOL1660 LamB/YcsF family protein SACOL1661 acetyl-CoA carboxylase, biotin carboxylase, putative SACOL1662 acetyl-CoA carboxylase, biotin carboxyl carrier protein, putative SACOL1663 urea amidolyase-related protein SACOL1664 conserved hypothetical protein TIGR00370 SACOL1665 transcription elongation factor GreA SACOL1666 uridine kinase SACOL1666 peptidase, U32 family SACOL1668 peptidase, U32 family SACOL1669 0-methyltransferase family protein SACOL1661 conserved hypothetical protein SACOL1671 conserved hypothetical protein		SACOL2511 fibronectin-binding protein A SACOL2513 hypothetical protein SACOL2514 gluconate transporter, permease protein SACOL2515 gluconokinase SACOL2516 gluconate operon transcriptional repressor SACOL2517 transcriptional regulator, MerR family SACOL2518 conserved hypothetical protein SACOL2519 conserved hypothetical protein SACOL2519 conserved hypothetical protein SACOL2520 membrane protein, putative SACOL2521 transporter, putative SACOL2522 DedA family protein SACOL2523 drug transporter, putative SACOL2524 transcriptional regulator, MarR family SACOL2525 ABC transporter, ATP-binding protein SACOL2526 membrane protein, putative, authentic point mutation SACOL2527 fructose-1,6-bisphosphatase, putative
	SA1781 hypothetical protein SA1782 hypothetical protein SA1787 hypothetical protein SA1788 hypothetical protein SA1788 hypothetical protein SA1789 hypothetical protein SA1794 hypothetical protein SA1797 hypothetical protein SA1799 hypothetical protein SA1800 hypothetical protein SA1800 hypothetical protein SA1800 hypothetical protein SA1801 hypothetical protein SA1803 hypothetical protein SA1805 ORFID: SA1805~repressor homolog [Bacteriophage phiN315] SA1806 probable ATP-dependent helicase SA1808 probable ss-1,3-N-acetylglucosaminyltransferase		SACOLO815 ribosomal subunit interface protein SACOLO816 preprotein translocase, SecA subunit SACOLO818 peptide chain release factor 2, authentic frameshift SACOLO820 LysM domain protein SACOLO821 HD domain protein SACOLO822 conserved hypothetical protein SACOLO823 excinuclease ABC, B subunit SACOLO824 excinuclease ABC, A subunit SACOLO825 HPr kinase/phosphatase SACOLO826 prolipoprotein diacylglyceryl transferase SACOLO827 acetyltransferase, putative SACOLO828 TPR domain protein SACOLO829 thioredoxin reductase SACOLO820 thioredoxin reductase SACOLO830 conserved hypothetical protein SACOLO831 conserved hypothetical protein		SACOL1672 conserved hypothetical protein SACOL1673 alanyl-tRNA synthetase SACOL1674 helicase, putative, RecD/TraA family SACOL1675 TPR domain protein SACOL1676 tRNA (5-methylaminomethyl-2-thiouridylate)-methyltransferase SACOL1677 aminotransferase, class V SACOL1678 bacterial luciferase family protein SACOL1679 conserved hypothetical protein SACOL1680 conserved hypothetical protein SACOL1681 Rrf2 family protein SACOL1682 ATPase, AAA family SACOL1683 HesA/NoeB/ThiF family protein SACOL1686 aspartyl-tRNA synthetase SACOL1687 N-acetylmuramoyl-L-alanine amidase, family 3		SACOL2528 conserved hypothetical protein SACOL2529 phospholipase/carboxylesterase family protein SACOL2530 conserved hypothetical protein SACOL2531 transcriptional regulator, MarR family SACOL2532 acetyltransferase, GMAT family SACOL2533 glyoxalase family protein SACOL2534 MAD (P) H-flavin oxidoreductase SACOL2535 D-isomer specific 2-hydroxyacid dehydrogenase family protein SACOL2536 hydrolase, haloacid dehalogenase-like family SACOL2537 ABC transporter, ATP-binding protein SACOL2538 conserved hypothetical protein SACOL2539 sortase SACOL2541 acetyltransferase, GMAT family SACOL2542 conserved hypothetical protein SACOL2544 L-serine dehydratase, iron-sulfur-dependent, alpha subunit
	SA1809 hypothetical protein SA1832 hypothetical protein SA1842 accessory gene regulator B SA2121 imidasolonepropionase SA2227 ORFID: SA2227~truncated hypothetical protein, similar to D-serine/D-alanine/glycine transporter SA2285 ORFID: SA2285~hypothetical protein, similar to accumulation-associated protein SAA0001 replication initiation protein SAA0002 tetracycline resistance protein SAA0003 plasmid recombination ensyme SAC0L0001 chromosomal replication initiator protein DnaA SAC0L0002 DNA polymerase III, beta subunit SAC0L0003 conserved hypothetical protein SAC0L0004 recF protein SAC0L0005 DNA gyrase, B subunit SAC0L0005 DNA gyrase, B subunit		SACOLO832 conserved hypothetical protein SACOLO833 ATP-dependent Clp protease, proteolytic subunit ClpP SACOLO834 conserved hypothetical protein TIGRO1777 SACOLO835 conserved hypothetical protein SACOLO836 hypothetical protein SACOLO837 gap transcriptional regulator SACOLO838 glyceraldehyde 3-phosphate dehydrogenase SACOLO839 phosphoglycerate kinase SACOLO840 triosephosphate isomerase SACOLO841 phosphoglycerate mutase, 2,3-bisphosphoglycerate-independent SACOLO842 enolase SACOLO842 conserved hypothetical protein SACOLO843 preprotein translocase, SecG subunit SACOLO844 preprotein translocase, SecG subunit SACOLO845 carboxylesterase SACOLO846 exoribonuclease, VacB/RNase II family		SACOL1688 conserved hypothetical protein TIGRO0256 SACOL1689 GTP pyrophosphokinase SACOL1690 adenine phosphoribosyltransferase SACOL1691 single-stranded-DNA-specific exonuclease RecJ SACOL1692 protein-export membrane protein SecDF SACOL1693 preprotein translocase, YajC subunit SACOL1694 queuine tRNA-ribosyltransferase SACOL1695 S-adenosylmethionine: tRNA ribosyltransferase-isomerase SACOL1696 Holliday junction DNA helicase RuvB SACOL1697 Holliday junction DNA helicase RuvA SACOL1698 ACT domain protein SACOL1699 GTP-binding protein, GTP1/OBG family SACOL1700 ribosomal protein L27 SACOL1701 conserved hypothetical protein SACOL1702 ribosomal protein L21		SACOL2545 L-serine dehydratase, iron-sulfur-dependent, beta subunit SACOL2546 perfringolysin 0 regulator protein, putative SACOL2547 hypothetical protein SACOL2548 conserved hypothetical protein SACOL2549 esterase, putative SACOL2550 conserved hypothetical protein SACOL2551 conserved hypothetical protein TIGR00051 SACOL2552 PTS system, ITABC components SACOL2553 pyruvate oxidase SACOL2554 membrane protein, putative SACOL2554 transcriptional regulator, LysR family, putative SACOL2555 conserved hypothetical protein SACOL2557 conserved domain protein SACOL2557 conserved domain protein SACOL2559 hypothetical protein
	SACOLO007 YjeF-related protein SACOL0008 histidine ammonia-lyase SACOL0009 seryl-tRNA synthetase SACOL0010 AslC family protein SACOL0011 conserved hypothetical protein SACOL0012 homoserine 0-acetyltransferase, putative SACOL0013 conserved hypothetical protein SACOL0014 DRH subfamily 1 protein SACOL0015 ribosomal protein L9 SACOL0016 replicative DNA helicase SACOL0018 adenylosuccinate synthetase SACOL0019 DNA-binding response regulator TycF SACOL0021 yycH protein SACOL0021 yycH protein SACOL0022 vycH protein		SACOLO847 SsrA-binding protein SACOLO848 hypothetical protein SACOLO849 hypothetical protein SACOLO850 hypothetical protein SACOLO851 hypothetical protein SACOLO854 hypothetical protein SACOLO855 acetyltransferase, GMAT family SACOLO855 acetyltransferase, GMAT family SACOLO856 clumping factor A SACOLO857 staphylocoagulase precursor, putative SACOLO858 secretory extracellular matrix and plasma binding protein SACOLO859 hypothetical protein SACOLO860 thermonuclease precursor SACOLO861 cold shock protein, CSD family SACOLO863 conserved hypothetical protein		SACOL1703 rod shape-determining protein MreD, putative SACOL1704 rod shape-determining protein MreC SACOL1705 hypothetical protein SACOL1706 hypothetical protein SACOL1706 hypothetical protein RadC SACOL1708 type III leader peptidase family protein SACOL1709 folylpolyglutamate synthase/dihydrofolate synthase SACOL1710 valyl-tRMA synthetase SACOL1711 DNA-3-methyladenine glycosylase SACOL1712 abrB protein SACOL1714 glutamate-1-semialdehyde-2,1-aminomutase SACOL1715 delta-aminolevulinic acid dehydratase SACOL1716 uroporphyrinogen-III synthase SACOL1717 porphobilinogen deaminase SACOL1718 hemZ protein		SACOL2560 hydroxymethylglutaryl-CoA reductase, degradative SACOL2561 hydroxymethylglutaryl-CoA synthase SACOL2562 methylated-DNAprotein-cysteine methyltransferase SACOL2563 ATP-dependent Clp protease, putative SACOL2564 ferrous iron transport protein B SACOL2565 conserved hypothetical protein SACOL2566 lmpL efflux pump, putative SACOL2567 hypothetical protein SACOL2568 hypothetical protein SACOL2569 delta-1-pyrroline-5-carboxylate dehydrogenase, putative SACOL2570 galactoside 0-acetyltransferase SACOL2571 conserved hypothetical protein SACOL2572 copper-translocating P-type ATPase SACOL2573 copper ion binding protein SACOL2574 D-isomer specific 2-hydroxyacid dehydrogenase family protein
	SACOL0024 5-nucleotidase family protein YycJ SACOL0025 conserved hypothetical protein SACOL0025 conserved hypothetical protein SACOL0026 conserved hypothetical protein SACOL0027 conserved hypothetical protein SACOL0027 conserved hypothetical protein SACOL0028 IS43Umec, transposase SACOL0029 HNG-CoA synthase, truncation SACOL0030 conserved hypothetical protein SACOL0031 glycerophosphoryl diester phosphodiesterase, putative SACOL0032 HacC domain protein SACOL0033 penicillin-binding protein 2 SACOL0034 methicillin-resistance NecR1 regulatory protein SACOL0035 hypothetical protein SACOL0036 IS1272, transposase POINT NUTATION SACOL0037 conserved hypothetical protein		SACOLO864 conserved domain protein SACOLO866 hypothetical protein SACOLO866 hypothetical protein SACOLO868 conserved hypothetical protein SACOLO869 phosphoglycerate mutase family protein SACOLO870 LysE/YggA family protein SACOLO871 acetyltransferase, putative SACOLO872 OsmC/Ohr family protein SACOLO873 3-dehydroquinate dehydratase, type I SACOLO874 nitroreductase family protein SACOLO875 thioredoxin, putative SACOLO876 arsenate reductase, putative SACOLO877 glycine cleavage system H protein SACOLO879 conserved hypothetical protein SACOLO880 Toprim domain protein		SACOL1719 glutamyl-tRNA reductase SACOL1720 GTP-binding protein, putative SACOL1721 ATP-dependent Clp protease, ATP-binding subunit Clp% SACOL1722 trigger factor SACOL1723 conserved hypothetical protein SACOL1724 NutT/nudix family protein SACOL1725 ribosomal protein L20 SACOL1726 ribosomal protein L35 SACOL1727 translation initiation factor IF-3 SACOL1728 amino acid permease SACOL1728 amino acid permease SACOL1729 threonyl-tRNA synthetase SACOL1731 primosomal protein DnaI SACOL1732 replication initiation and membrane attachment protein SACOL1734 glyceraldehyde 3-phosphate dehydrogenase		SACOL2575 aminotransferase, class I SACOL2576 dehydrosqualene desaturase SACOL2577 dehydrosqualene synthase SACOL2578 glycosyl transferase, group 2 family protein SACOL2579 phytoene dehydrogenase SACOL2580 hypothetical protein SACOL2581 staphyloxanthin biosynthesis protein SACOL2581 staphyloxanthin biosynthesis protein SACOL2582 membrane protein, putative SACOL2583 acetyltransferase, GMAT family SACOL2584 immunodominant antigen A SACOL2585 regulatory protein, putative SACOL2587 conserved hypothetical protein SACOL2588 conserved hypothetical protein SACOL2589 conserved hypothetical protein
	SACOLO038 conserved hypothetical protein SACOL0040 conserved hypothetical protein SACOL0041 cassette chromosome recombinase B, authentic frameshift SACOL0042 cassette chromosome recombinase Al SACOL0043 conserved hypothetical protein SACOL0044 conserved hypothetical protein SACOL0045 hypothetical protein SACOL0046 metallo-beta-lactamase family protein SACOL0047 conserved hypothetical protein SACOL0048 conserved hypothetical protein SACOL0049 conserved hypothetical protein SACOL0049 conserved domain protein SACOL0050 methicillin-resistant surface protein SACOL0050 footserved hypothetical protein SACOL0051 conserved hypothetical protein SACOL0052 glycosyl transferase, group 1 family protein SACOL0054 lur ligase family protein, authentic frameshift		SACOLO881 thioredoxin, putative SACOLO882 ABC transporter, ATP-binding protein SACOLO883 ABC transporter, permease protein SACOLO884 ABC transporter, substrate-binding protein SACOLO885 pathogenicity island protein, integrase SACOLO886 staphylococcal enterotoxin SACOLO887 staphylococcal enterotoxin type I SACOLO888 pathogenicity island, lipoprotein, putative SACOLO889 pathogenicity island protein SACOLO889 transcriptional regulator, Cro/CI family SACOLO891 transcriptional regulator, putative SACOLO892 pathogenicity island protein, authentic frameshift SACOLO893 pathogenicity island protein SACOLO894 pathogenicity island protein SACOLO895 pathogenicity island protein SACOLO897 pathogenicity island protein SACOLO8989 pathogenicity island protein		SACOL1735 dephospho-CoA kinase SACOL1736 formamidopyrimidine-DNA glycosylase SACOL1737 DNA polymerase I SACOL1737 DNA polymerase I SACOL1738 hypothetical protein SACOL1739 sensory box histidine kinase PhoR SACOL1740 alkaline phosphatase synthesis transcriptional regulatory protein PhoP SACOL1741 isocitrate dehydrogenase, NADP-dependent SACOL1742 citrate synthase SACOL1743 amino acid permease SACOL1744 transposase, putative, authentic frameshift SACOL1745 pyruvate kinase SACOL1746 6-phosphofructokinase SACOL1747 acetyl-CoA carboxylase, carboxyl transferase, alpha subunit SACOL1748 acetyl-CoA carboxylase, carboxyl transferase, beta subunit SACOL1749 NADP-dependent malic enzyme, putative		SACOL2591 actVA 4 protein SACOL2592 conserved hypothetical protein SACOL2593 transcriptional regulator, TetR family SACOL2594 oxidoreductase, short chain dehydrogenase/reductase family SACOL2596 conserved hypothetical protein SACOL2597 hydrolase, alpha/beta hydrolase fold family SACOL2598 cobalamin synthesis protein, putative SACOL2599 conserved domain protein SACOL2599 conserved hypothetical protein SACOL2600 conserved hypothetical protein SACOL2601 conserved hypothetical protein SACOL2602 hypothetical protein SACOL2603 hypothetical protein SACOL2603 hypothetical protein SACOL2606 dihydroorotate dehydrogenase SACOL2607 hypothetical protein
	SACOL0058 conserved hypothetical protein SACOL0061 conserved hypothetical protein SACOL0062 conserved hypothetical protein SACOL0063 conserved hypothetical protein SACOL0064 conserved hypothetical protein SACOL0065 conserved hypothetical protein SACOL0066 metallo-beta-lactamase family protein SACOL0067 conserved hypothetical protein SACOL0068 conserved hypothetical protein SACOL0068 hypothetical protein SACOL0069 conserved hypothetical protein SACOL0070 permease, putative SACOL0071 conserved hypothetical protein SACOL0072 conserved hypothetical protein SACOL0073 conserved hypothetical protein SACOL0074 conserved hypothetical protein SACOL0075 conserved hypothetical protein SACOL0076 conserved hypothetical protein SACOL00776 conserved domain protein		SACOLO896 pathogenicity island protein SACOLO897 conserved hypothetical protein SACOLO898 pathogenicity island protein SACOLO899 pathogenicity island protein SACOLO900 pathogenicity island protein SACOLO901 pathogenicity island protein SACOLO902 pathogenicity island protein SACOLO903 pathogenicity island protein SACOLO904 pathogenicity island protein SACOLO905 pathogenicity island protein SACOLO906 phage terminase family protein SACOLO907 staphylococcal enterotoxin B SACOLO908 hypothetical protein SACOLO909 hypothetical protein SACOLO909 hypothetical protein SACOLO909 conserved hypothetical protein		SACOL1750 DNA polymerase III, alpha subunit SACOL1751 DHH subfamily 1 protein SACOL1752 CBS domain protein SACOL1753 universal stress protein family SACOL1754 conserved hypothetical protein, authentic frameshift SACOL1756 proline dipeptidase SACOL1758 alanine dehydrogenase SACOL1759 universal stress protein family SACOL1760 acetate kinase SACOL1761 enterotoxin P SACOL1762 thiol peroxidase, putative SACOL1763 conserved hypothetical protein SACOL1764 thiamine biosynthesis protein ThiI SACOL1765 aminotransferase, class V SACOL1767 conserved hypothetical protein		SACOL2608 conserved hypothetical protein SACOL2609 conserved hypothetical protein SACOL2610 transcriptional regulator, TetR family, putative SACOL2612 hydrolase, CocE/NonD family SACOL2613 aspartate 1-decarboxylase SACOL2614 pantoatebeta-alamine ligase SACOL2615 3-methyl-2-oxobutanoate hydroxymethyltransferase SACOL2616 2-dehydropantoate 2-reductase PanE, putative SACOL2617 alpha-acetolactate decarboxylase SACOL2618 L-lactate dehydrogenase SACOL2619 amino acid permease SACOL2620 aminotransferase, class III SACOL2621 hypothetical protein SACOL2622 fructose-bisphosphate aldolase, class I SACOL2623 malate:guinone oxidoreductase
	SACOLO075 hypothetical protein SACOLO076 hypothetical protein SACOLO077 hypothetical protein SACOLO078 1-phosphatidylinositol phosphodiesterase SACOLO079 hypothetical protein SACOLO080 hypothetical protein SACOLO080 hypothetical protein SACOLO081 hypothetical protein SACOLO082 hypothetical protein SACOLO083 hypothetical protein SACOLO084 transcriptional regulator, AraC family SACOLO085 peptidase, M20/M25/M40 family SACOLO086 drug transporter, putative SACOLO088 Ma/Pi cotransporter family protein SACOLO089 antigen, 67 kDa SACOLO089 integral membrane domain protein		SACOLO913 conserved hypothetical protein SACOLO914 FeS assembly ATPase SufC SACOLO915 FeS assembly protein SufD SACOLO916 cysteine desulfurase, SufS subfamily SACOLO917 MifU domain protein SACOLO918 FeS assembly protein SufB SACOLO920 hypothetical protein SACOLO921 CBS domain protein SACOLO922 conserved hypothetical protein SACOLO922 conserved hypothetical protein SACOLO924 conserved hypothetical protein SACOLO925 conserved hypothetical protein SACOLO926 5-nucleotidase family protein SACOLO927 lipoate synthase SACOLO928 conserved hypothetical protein SACOLO929 conserved hypothetical protein		SACOL1768 GAF domain protein SACOL1769 ribosomal protein S4 SACOL1770 glycerophosphoryl diester phosphodiesterase, putative SACOL1771 OsmC/Ohr family protein SACOL1772 aminotransferase, class V SACOL1773 D-3-phosphoglycerate dehydrogenase SACOL1774 hydrolase, haloacid dehalogenase-like family SACOL1775 PTS system, IIBC components SACOL1776 1-acyl-sn-glycerol-3-phosphate acyltransferase, putative SACOL1777 serine protease HtrA, putative SACOL1778 tyrosyl-tRMA synthetase SACOL1778 tyrosyl-tRMA synthetase SACOL1779 transglycosylase domain protein SACOL1781 hypothetical protein SACOL1782 formatetetrahydrofolate ligase SACOL1783 acetyl-CoA synthetase		SACOL2624 acetyl-CoA synthetase, putative SACOL2625 conserved hypothetical protein SACOL2626 conserved hypothetical protein SACOL2627 choline dehydrogenase SACOL2628 betaine aldehyde dehydrogenase SACOL2630 conserved hypothetical protein SACOL2631 conserved hypothetical protein SACOL2632 osmoprotectant transporter, BCCT family SACOL2632 anaerobic ribonucleoside-triphosphate reductase activating protein SACOL2635 anaerobic ribonucleoside-triphosphate reductase SACOL2636 citrate transporter, permease protein SACOL2638 siroheme synthase, putative SACOL2639 sulfite reductase (MADPH) flavoprotein alpha-component SACOL2641 glutathione peroxidase SACOL2643 ABC transporter, permease protein
	SACOLO091 transcriptional regulator, GntR family/aminotransferase, class I SACOLO092 hypothetical protein SACOLO093 L-lactate permease SACOLO095 immunoglobulin G binding protein A precursor SACOLO096 staphylococcal accessory regulator S SACOLO097 iron compound ABC transporter, permease protein SirC SACOLO098 iron compound ABC transporter, permease protein SirB SACOLO099 iron compound ABC transporter, iron compound-binding protein SirA SACOLO100 cysteine synthase/cystathionine beta-synthase family protein SACOLO101 ornithine cyclodeaminase, putative SACOLO102 siderophore biosynthesis protein, IucC family SACOLO103 drug transporter, putative SACOLO104 siderophore biosynthesis protein, IucA family SACOLO105 siderophore biosynthesis protein, IucC family SACOLO106 HPCH/HPAI aldolase family protein		SACOLO930 conserved hypothetical protein SACOLO931 hydrolase, haloacid dehalogenase-like family SACOLO932 D-isomer specific 2-hydroxyacid dehydrogenase family protein SACOLO934 conserved hypothetical protein SACOLO935 D-alanine-activating ensyme/D-alanine-D-alanyl carrier protein ligase SACOLO936 DltB protein SACOLO937 D-alanyl carrier protein SACOLO938 DltD protein SACOLO938 DitD protein SACOLO939 WifU domain protein SACOLO940 conserved hypothetical protein SACOLO941 MADH dehydrogenase, putative, authentic frameshift SACOLO942 conserved hypothetical protein SACOLO943 conserved hypothetical protein SACOLO944 MADH dehydrogenase, putative SACOLO945 cytosol aminopeptidase		SACOL1784 acetoin utilisation protein AcuC SACOL1785 acetoin utilisation protein AcuC SACOL1786 catabolite control protein A SACOL1787 chorismate mutase/phospho-2-dehydro-3-deoxyheptonate aldolase SACOL1788 hypothetical protein SACOL1789 conserved hypothetical protein SACOL1790 UDP-N-acetylmuramatealanine ligase SACOL1791 FtsK/SpoIIIE family protein SACOL1792 conserved hypothetical protein SACOL1793 conserved hypothetical protein SACOL1793 conserved hypothetical protein SACOL1795 glutamyl aminopeptidase SACOL1796 conserved hypothetical protein SACOL1797 hypothetical protein SACOL1798 conserved hypothetical protein SACOL1798 conserved hypothetical protein		SACOL2644 ABC transporter, ATP-binding protein SACOL2645 sensor histidine kinase, putative SACOL2646 DMA-binding response regulator SACOL2647 hypothetical protein SACOL2648 alkaline phosphatase family protein SACOL2650 transcriptional regulator, putative SACOL2651 tributyrin esterase EstA, putative SACOL2652 clumping factor B SACOL2653 transcriptional regulator, Crp/Fnr family SACOL2654 carbanate kinase SACOL2655 arginine/ornithine antiporter SACOL2656 ornithine carbanoyltransferase SACOL2657 arginine deiminase SACOL2658 transcriptional regulator, ArgR family SACOL2659 sinc metalloproteinase aureolysin
	SACOLO107 pyridoxal-dependent decarboxylase SACOLO108 hypothetical protein SACOLO109 hypothetical protein SACOLO110 hypothetical protein SACOLO111 oxidoreductase, short-chain dehydrogenase/reductase family SACOLO112 hypothetical protein SACOLO112 hypothetical protein SACOLO113 NAD-dependent epimerase/dehydratase family protein SACOLO114 capsular polysaccharide biosynthesis glycosyltransferase, putative SACOLO115 glycosyl transferase, group 1 family protein SACOLO116 hypothetical protein SACOLO117 polysaccharide extrusion protein SACOLO118 superoxide dismutase SACOLO119 cell wall surface anchor family protein SACOLO120 transcriptional regulator, GntR family SACOLO121 purine nucleoside phosphorylase SACOLO122 tetracycline resistance protein, putative		SACOLO946 Na+/H+ antiporter family protein SACOLO947 ComA2 family protein SACOLO948 conserved hypothetical protein SACOLO949 Na+/H+ antiporter, NnhG component SACOLO950 Na+/H+ antiporter, NnhE component SACOLO951 Na+/H+ antiporter, NnhE component SACOLO952 Na+/H+ antiporter, NnhC component SACOLO952 Na+/H+ antiporter, NnhC component SACOLO953 Na+/H+ antiporter, NnhB component SACOLO954 Na+/H+ antiporter, NnhB component SACOLO955 Na+/H+ antiporter, NnhA component SACOLO955 Na+/H+ antiporter, NnhA component SACOLO956 kinase-associated protein B SACOLO957 peptidyl-prolyl cis-trans isomerase, cyclophilin-type SACOLO958 general stress protein 13 SACOLO959 NADH-dependent flavin oxidoreductase, Oye family SACOLO960 ornithine aminotransferase SACOLO961 glutamate dehydrogenase, NAD-specific		SACOL1800 D-alamine aminotransferase SACOL1801 peptidase, M20/M25/M40 family SACOL1802 hypothetical protein SACOL1803 pseudouridine synthase, family 1 SACOL1803 pseudouridine synthase, family 1 SACOL1804 hypothetical transcriptional regulator SACOL1805 conserved hypothetical protein TIGR00275 SACOL1806 cell wall surface anchor family protein SACOL1807 rhodanese-like domain protein SACOL1808 probable ss-1,3-M-acetylglucosaminyltransferase SACOL1809 drug transporter, putative SACOL1810 conserved hypothetical protein TIGR01212 SACOL1811 conserved hypothetical protein SACOL1812 repressor of toxins SACOL1813 transposase, putative, degenerate SACOL1814 lysophospholipase, putative		SACOL2660 immunodominant antigen B SACOL2661 conserved hypothetical protein SACOL2662 transcriptional antiterminator, BglG family SACOL2663 PTS system, fructose-specific IIABC components SACOL2664 mannose-6-phosphate isomerase SACOL2665 phage infection protein, putative SACOL2666 N-acetylmuramoyl-L-alanine amidase domain protein SACOL2666 N-acetylmuramoyl-L-alanine amidase domain protein SACOL2667 isochorismatase family protein SACOL2668 LPXTG cell wall surface anchor family protein SACOL2669 conserved hypothetical protein SACOL2670 glycosyl transferase, group 1 family protein SACOL2671 secA family protein SACOL2672 conserved hypothetical protein SACOL2673 conserved hypothetical protein SACOL2674 conserved hypothetical protein SACOL2675 SecY/Sec61-alpha family protein
	SACOL0124 deoxyribose-phosphate aldolase SACOL0125 phosphonate ABC transporter, permease protein SACOL0126 phosphonate ABC transporter, permease protein SACOL0127 phosphonate ABC transporter, ATP-binding protein SACOL0128 phosphonate ABC transporter, ATP-binding protein SACOL0129 conserved hypothetical protein SACOL0129 conserved hypothetical protein SACOL0130 5 nucleotidase family protein SACOL0131 replication initiation protein, degenerate SACOL0132 replication initiation protein, degenerate SACOL0133 alcohol dehydrogenase, iron-containing SACOL0136 capsular polysaccharide biosynthesis protein Cap5A SACOL0137 capsular polysaccharide biosynthesis protein Cap5B SACOL0138 capsular polysaccharide biosynthesis protein Cap5C SACOL0139 capsular polysaccharide biosynthesis protein Cap5C SACOL0139 capsular polysaccharide biosynthesis protein Cap5D		SACOLO962 glycerophosphorpl diester phosphodiesterase GlpQ, putative SACOLO963 argininosuccinate lyase SACOLO964 argininosuccinate synthase SACOLO966 glucose-6-phosphate isomerase SACOLO967 conserved hypothetical protein SACOLO968 signal peptidase IA, inactive SACOLO969 signal peptidase IB SACOLO970 exonuclease RexB SACOLO971 exonuclease RexB SACOLO971 conserved hypothetical protein SACOLO973 fumarylacetoacetate hydrolase family protein SACOLO974 conserved hypothetical protein SACOLO975 coensyme A disulfide reductase SACOLO976 hydrolase, haloacid dehalogenase-like family SACOLO977 conserved hypothetical protein SACOLO978 membrane protein, putative		SACOL1816 proline dehydrogenase SACOL1817 riboflavin synthase, beta subunit SACOL1818 3,4-dihydroxy-2-butanone-4-phosphate synthase/GTP cyclohydrolase II SACOL1819 riboflavin synthase, alpha subunit SACOL1820 riboflavin biosynthesis protein RibD SACOL1821 conserved hypothetical protein SACOL1822 arsenical resistance operon repressor SACOL1822 arsenical pump membrane protein SACOL1823 arsenical pump membrane protein SACOL1824 arsenate reductase SACOL1825 N-acetylmuramoyl-L-alanine amidase, family 4 SACOL1826 conserved hypothetical protein SACOL1827 conserved hypothetical protein SACOL1828 conserved hypothetical protein SACOL1829 conserved hypothetical protein SACOL1829 conserved hypothetical protein SACOL1829 conserved hypothetical protein		SACOL2676 LPTTG cell wall surface anchor family protein SACOL2680 hypothetical protein SACOL2681 conserved hypothetical protein SACOL2682 conserved hypothetical protein SACOL2682 conserved hypothetical protein SACOL2683 peptide methionine sulfoxide reductase, putative SACOL2684 acetyltransferase, GMAT family SACOL2685 capsular polysaccharide biosynthesis protein Cap1C SACOL2686 capsular polysaccharide biosynthesis protein Cap1B SACOL2687 capsular polysaccharide biosynthesis protein Cap1A SACOL2688 intercellular adhesion regulator SACOL2689 intercellular adhesion protein A SACOL2690 intercellular adhesion protein B SACOL2691 intercellular adhesion protein B SACOL2692 intercellular adhesion protein C, authentic frameshift
	SACOLO140 capsular polysaccharide biosynthesis protein Cap5E SACOLO141 capsular polysaccharide biosynthesis protein Cap5E SACOLO142 UDP-N-acetylglucosamine 2-epimerase Cap5G SACOLO143 capsular polysaccharide biosynthesis protein Cap5H SACOLO144 capsular polysaccharide biosynthesis protein Cap5I SACOLO145 capsular polysaccharide biosynthesis protein Cap5J SACOLO146 capsular polysaccharide biosynthesis protein Cap5K SACOLO147 capsular polysaccharide biosynthesis protein Cap5K SACOLO148 capsular polysaccharide biosynthesis galactosyltransferase Cap5K SACOLO149 capsular polysaccharide biosynthesis galactosyltransferase Cap5K SACOLO149 capsular polysaccharide biosynthesis protein Cap5M SACOLO150 capsular polysaccharide biosynthesis protein Cap5M SACOLO151 UDP-N-acetylglucosamine 2-epimerase Cap5P SACOLO152 conserved hypothetical protein, authentic frameshift SACOLO153 conserved hypothetical protein SACOLO154 aldehyde dehydrogenase		SACOLO979 ATP-dependent Clp protease, ATP-binding subunit ClpB SACOLO980 transcriptional regulator, LysR family SACOLO981 isopropylmalate synthase-related protein SACOLO982 Sua5/Ycio/YrdC/YwlC family protein SACOLO983 hypothetical protein SACOLO984 conserved hypothetical protein TIGR00481 SACOLO985 surface protein, putative SACOLO986 hypothetical protein SACOLO987 3-oxoacyl-(acyl-carrier-protein) synthase III SACOLO988 3-oxoacyl-(acyl-carrier-protein) synthase III SACOLO989 conserved hypothetical protein SACOLO999 conserved hypothetical protein SACOLO999 oligopeptide ABC transporter, permease protein SACOLO999 oligopeptide ABC transporter, ATP-binding protein SACOLO999 oligopeptide ABC transporter, ATP-binding protein		SACOL1831 transaldolase SACOL1832 hypothetical protein SACOL1833 creB family protein SACOL1834 transposase, putative, degenerate SACOL1835 oxidoreductase, aldo/keto reductase family SACOL1835 oxidoreductase, aldo/keto reductase family SACOL1836 conserved hypothetical protein SACOL1837 S-adenosylmethionine synthetase SACOL1838 phosphoenolpyruvate carboxykinase (ATP) SACOL1839 transposase, IS200 family SACOL1840 conserved hypothetical protein SACOL1841 NutT/nudix family protein SACOL1842 conserved hypothetical protein TIGR00278 SACOL1843 o-succinylbensoic acid (OSB) synthetase, putative SACOL1844 O-succinylbensoic acid—CoA ligase, putative SACOL1845 hypothetical protein		SACOL2694 lipase SACOL2695 hypothetical protein SACOL2696 phosphoribosyl-ATP pyrophosphatase/phosphoribosyl-AMP cyclohydrolase SACOL2697 hisF protein (cyclase) SACOL2698 phosphoribosylformimino-5-aminoimidasole carboxamide ribotide isomerase SACOL2699 imidasole glycerol phosphate synthase, glutamine amidotransferase subunit SACOL2700 imidasoleglycerol-phosphate dehydratase SACOL2701 histidinol-phosphate aminotransferase, putative SACOL2702 histidinol dehydrogenase SACOL2703 ATP phosphoribosyltransferase SACOL2704 conserved hypothetical protein SACOL2705 hypothetical protein SACOL2706 hypothetical protein SACOL2707 cobalt transport family protein SACOL2708 ABC transporter, ATP-binding protein
	SACOLO155 cation efflux family protein SACOLO156 hypothetical protein SACOLO157 conserved hypothetical protein SACOLO158 ABC transporter, ATP-binding protein, authentic frameshift SACOLO159 ABC transporter, permease protein SACOLO160 conserved hypothetical protein SACOLO161 conserved hypothetical protein SACOLO162 formate dehydrogenase, MAD-dependent SACOLO163 drug transporter, putative SACOLO164 gramicidin S synthetase 2 related protein SACOLO165 4-phosphopantetheinyl transferase family protein SACOLO166 conserved hypothetical protein SACOLO167 acetylgutamate kinase SACOLO168 glutamate N-acetyltransferase/amino-acid acetyltransferase SACOLO168 N-acetyl-gamma-glutamyl-phosphate reductase		SACOLO995 oligopeptide ABC transporter, oligopeptide-binding protein SACOLO996 oligopeptide ABC transporter, ATP-binding protein SACOLO997 oligopeptide ABC transporter, ATP-binding protein SACOLO998 oligopeptide ABC transporter, ATP-binding protein SACOLO999 oligopeptide ABC transporter, permease protein SACOLO000 oligopeptide ABC transporter, permease protein SACOL1000 tryptophanyl-tRNA synthetase SACOL1001 tryptophanyl-tRNA synthetase SACOL1002 conserved hypothetical protein SACOL1003 negative regulator of competence NecA, putative SACOL1004 competence protein, putative SACOL1005 oligoendopeptidase F SACOL1006 conserved hypothetical protein SACOL1007 protosoan/cyanobacterial globin family protein SACOL1008 conserved hypothetical protein SACOL1009 conserved hypothetical protein		SACOL1846 hypothetical protein SACOL1847 conserved domain protein, putative SACOL1848 hypothetical protein SACOL1849 hypothetical protein SACOL1850 hypothetical protein SACOL1851 hypothetical protein SACOL1854 hypothetical protein SACOL1855 transposase, putative, degenerate SACOL1857 hypothetical protein SACOL1858 hypothetical protein SACOL1858 hypothetical protein SACOL1859 hypothetical protein SACOL1861 type I restriction-modification ensyme, S subunit, EcoA family SACOL1862 type I restriction-modification system, N subunit SACOL1863 hypothetical protein SACOL1864 serine protease SpIF, putative SACOL1865 serine protease SpIF, putative		SACOL2709 conserved hypothetical protein SACOL2710 conserved hypothetical protein SACOL2711 conserved hypothetical protein SACOL2712 drP35 protein SACOL2713 rhodanese-like domain protein SACOL2714 pyrrolidone-carboxylate peptidase SACOL2715 hypothetical protein SACOL2715 conserved hypothetical protein SACOL2716 conserved hypothetical protein SACOL2717 hypothetical protein SACOL2718 anion transporter family protein SACOL2719 rarD protein SACOL2720 hypothetical protein SACOL2721 high-affinity nickel-transport protein SACOL2722 N-acetyltransferase family protein SACOL2723 conserved hypothetical protein SACOL2724 ABC transporter, ATP-binding protein
	SACOLO170 ownithine aminotransferase SACOLO171 branched-chain amino acid transport system II carrier protein SACOLO172 isochorismatase SACOLO173 indole-3-pyruvate decarboxylase SACOLO175 PTS system, IIABC components SACOLO176 conserved hypothetical protein SACOLO177 glucokinase regulator-related protein SACOLO178 PTS system, IIBC components SACOLO179 phosphosugar-binding transcriptional regulator, RpiR family SACOLO180 type I restriction-modification ensyme, R subunit SACOLO181 conserved domain protein SACOLO182 hypothetical protein SACOLO183 hypothetical protein SACOLO184 peptide ABC transporter, ATP-binding protein SACOLO185 peptide ABC transporter, permease protein SACOLO186 peptide ABC transporter, permease protein		SACOL1010 GTP pyrophosphokinase SACOL1011 conserved hypothetical protein SACOL1012 ribosomal large subunit pseudouridine synthases, RluD subfamily SACOL1013 magnesium transporter SACOL1014 Ma+/H+ antiporter, putative, authentic point mutation SACOL1016 encyl-(acyl-carrier-protein) reductase SACOL1017 conserved hypothetical protein SACOL1018 sodium: alanine symporter family protein SACOL1019 conserved hypothetical protein SACOL1020 conserved hypothetical protein SACOL1021 membrane protein, putative SACOL1022 typfP protein SACOL1023 UDP-W-acetylmuramoylalanyl-D-glutamate2,6-diaminopimelate ligase SACOL1025 peptide chain release factor 3 SACOL1026 conserved hypothetical protein		SACOL1866 serine protease SplD, putative SACOL1867 serine protease SplC SACOL1868 serine protease SplB SACOL1869 serine protease SplB SACOL1870 hypothetical protein SACOL1871 epidermin immunity protein F SACOL1872 epidermin immunity protein F SACOL1873 epidermin immunity protein F SACOL1874 epidermin immunity protein F SACOL1875 epidermin leader peptide processing serine protease EpiP SACOL1876 epidermin biosynthesis protein EpiD SACOL1877 epidermin biosynthesis protein EpiD SACOL1878 lantibiotic epidermin precursor EpiB SACOL1879 IS1181, transposase SACOL1879 IS1181, transposase SACOL1880 leukotoxin LukD		SACOL2725 ABC transporter, Permease protein SACOL2726 hypothetical protein SACOL2727 integrase/recombinase, core domain family SACOL2728 hypothetical protein SACOL2729 integrase/recombinase, core domain family SACOL2730 hypothetical protein SACOL2731 cold shock protein, CSD family SACOL2732 transcriptional regulator, putative SACOL2733 conserved hypothetical protein SACOL2734 conserved hypothetical protein SACOL2735 chromosome partioning protein, ParB family SACOL2736 glucose-inhibited division protein B SACOL2737 transcriptional regulator, ParB family SACOL2737 protein division protein B SACOL2738 TRMA modification GTPase TrmE SACOL2739 ribonuclease P protein component
	SACOLO187 hypothetical protein SACOLO188 gamma-glutamyltranspeptidase SACOLO189 hypothetical protein SACOLO190 NAD (P)H dehydrogenase (quinone), putative SACOLO191 N23/N37 peptidase domain protein SACOLO192 maltose ABC transporter, ATP-binding protein, putative SACOLO193 maltose ABC transporter, maltose-binding protein, putative SACOLO194 maltose ABC transporter, permease protein SACOLO195 maltose ABC transporter, permease protein SACOLO196 oxidoreductase, Gfo/Idh/NocA family SACOLO197 oxidoreductase, Gfo/Idh/NocA family SACOLO198 conserved hypothetical protein SACOLO199 conserved hypothetical protein SACOLO190 phosphoglycerate transporter family protein SACOLO200 phosphoglycerate transporter family protein SACOLO201 DNA-binding response regulator, AraC family		SACOL1028 serine protease SACOL1030 sodium transport family protein SACOL1031 5 nucleotidase family protein SACOL1032 ComK family protein SACOL1032 ComK family protein SACOL1033 hypothetical protein SACOL1034 lipoate-protein ligase A family protein SACOL1036 protease, putative SACOL1036 membrane protein SACOL1039 conserved hypothetical protein SACOL1040 ABC transporter, ATP-binding protein SACOL1041 hypothetical protein SACOL1042 hypothetical protein SACOL1043 glycosyl transferase, group 1 family protein SACOL1044 conserved hypothetical protein SACOL1045 iron compound ABC transporter, iron compound-binding protein		SACOL1881 synergohymenotropic toxin lukS SACOL1882 hypothetical protein SACOL1883 hypothetical protein SACOL1885 conserved hypothetical protein SACOL1886 hypothetical protein SACOL1887 protopoxphyrinogen oxidase SACOL1888 ferrochelatase SACOL1889 uxopoxphyrinogen decarboxylase SACOL1891 RNAIII-activating protein TRAP SACOL1892 membrane protein, putative SACOL1893 ABC transporter, ATP-binding protein SACOL1894 HIT family protein SACOL1895 conserved hypothetical protein SACOL1896 conserved hypothetical protein SACOL1897 protein export protein PrsA, putative		SACOL2740 ribosomal protein L34  SAP001 ORFID: SAP001. ~putative replication initiation protein Rep [Staphylococcus aureus]  SAP002 hypothetical protein SAP003 hypothetical protein SAP004 hypothetical protein SAP005 CadD SAP006 CadZ  SAP007 hypothetical protein SAP008 conserved hypothetical protein SAP008 conserved hypothetical protein SAP009 ORFID: SAP009. ~hypothetical protein, similar to Mark family SAP010 beta-lactamase SAP011 bla regulator protein blak1 SAP012 PEMICILLIMASE REPRESSOR SAP013 DMA-invertase SAP014 ORFID: SAP014. ~probable transposase - Staphylococcus aureus transposon Tn552
	SACOLO202 sensor histidine kinase family protein SACOLO203 iron compound ABC transporter, iron compound-binding protein, putative SACOLO204 formate acetyltransferase SACOLO205 pyruvate formate-lyase-activating ensyme SACOLO206 hypothetical protein SACOLO207 conserved domain protein SACOLO208 hypothetical protein SACOLO208 hypothetical protein SACOLO209 staphylocoagulase precursor SACOLO210 hypothetical protein SACOLO211 acetyl-CoA acetyltransferase SACOLO212 3-hydroxyacyl-CoA dehydrogenase protein SACOLO213 acyl-CoA dehydrogenase family protein SACOLO214 long-chain-fatty-acidCoA ligase, putative SACOLO215 propionate CoA-transferase, putative SACOLO216 hypothetical protein		SACOL1046 hypothetical protein SACOL1047 conserved domain protein SACOL1048 acetyltransferase, GHAT family SACOL1049 1,4-dihydroxy-2-naphthoate octaprenyltransferase SACOL1051 isochorismate synthase family protein SACOL1052 2-succinyl-6-hydroxy-2,4-cyclohexadiene-1-carboxylic acid synthase/2-oxoglutarate decarboxylase SACOL1053 hydrolase, alpha/beta hydrolase fold family SACOL1054 naphthoate synthase SACOL1055 sspC protein SACOL1055 cysteine protease precursor SspB SACOL1057 V8 Protease SACOL1058 aminotransferase, class I SACOL1059 conserved hypothetical protein SACOL1050 transcriptional regulator, MarR family SACOL1060 bifunctional autolysin		SACOL1898 cmp-binding-factor 1 SACOL1899 conserved hypothetical protein SACOL1900 DNA repair exonuclease family protein SACOL1902 conserved hypothetical protein SACOL1903 conserved hypothetical protein SACOL1904 transcriptional regulator, putative SACOL1905 DNA-binding response regulator, LuxR family SACOL1906 sensor histidine kinase, putative SACOL1907 ribosomal large subunit pseudouridine synthase, RluD subfamily SACOL1908 fumarate hydratase, class II SACOL1909 conserved hypothetical protein SACOL1910 hypothetical protein SACOL1910 glucosamine-6-phosphate isomerase, putative SACOL1913 RNA methyltransferase, TrmH family, group 2 SACOL1914 iron-sulfur cluster-binding protein, putative		SAP015 recombinase Sin SAP016 arsenical resistance operon repressor SAP017 arsenic efflux pump protein SAP018 arsenate reductase SAP019 hypothetical protein SAP020 hypothetical protein SAP021 hypothetical protein SAP021 hypothetical protein SAP022 ORFID: SAP022. ~hypothetical protein, similar to ABC transporter, ATP-binding SAP023 truncated Pre protein SAP024 truncated Pre protein SAP025 truncated Pre protein SAP026 hypothetical protein SAP027 replication protein Rep SAP028 conserved hypothetical protein SAP029 hypotehtical protein
	SACOLO217 ABC transporter, substrate-binding protein SACOLO218 conserved hypothetical protein SACOLO220 flavohemoprotein, putative SACOLO222 L-lactate dehydrogenase SACOLO223 hypothetical protein SACOLO224 PTS system, IIBC components SACOLO225 inosine-uridine preferring nucleoside hydrolase SACOLO225 transcriptional antiterminator, BglG family SACOLO226 transcriptional antiterminator, BglG family SACOLO229 PTS system, sugar-specific IIA component, putative SACOLO230 PTS system, sorbitol-specific IIB component SACOLO231 hypothetical protein SACOLO232 PTS system, sorbitol-specific IIC component SACOLO233 sorbitol dehydrogenase SACOLO234 conserved hypothetical protein SACOLO235 hexitol dehydrogenase SACOLO236 4-diphosphocytidyl-2C-methyl-D-crythritol synthase, putative		SACOL1063 acetyltransferase, GMAT family SACOL1064 conserved hypothetical protein SACOL1065 transcriptional regulator, putative SACOL1066 fmt protein SACOL1067 quinol oxidase, subunit IV SACOL1068 quinol oxidase, subunit III SACOL1069 quinol oxidase, subunit II SACOL1070 quinol oxidase, subunit II SACOL1071 chitinase-related protein SACOL1072 methylenetetrahydrofolate dehydrogenase/methenyltetrahydrofolate cyclohydrolase SACOL1073 phosphoribosylaminoimidasole carboxylase, catalytic subunit SACOL1074 phosphoribosylaminoimidasole carboxylase, ATPase subunit SACOL1075 phosphoribosylaminoimidasole-succinocarboxamide synthase SACOL1076 phosphoribosylformylglycinamidine synthase, PurS protein SACOL1077 phosphoribosylformylglycinamidine synthase II SACOL1078 phosphoribosylformylglycinamidine synthase II		SACOL1915 amino acid ABC transporter, ATP-binding protein SACOL1916 amino acid ABC transporter, permease/substrate-binding protein SACOL1917 PTS system, IIC component SACOL1918 IS1181, transposase SACOL1919 transcriptional regulator, Fur family SACOL1920 D-isomer specific 2-hydroxyacid dehydrogenase family protein SACOL1921 bacterioferritin comigratory protein SACOL1922 glutamate-1-semialdehyde-2,1-aminomutase SACOL1923 conserved hypothetical protein SACOL1924 toxin exporting ABC transporter, permease/ATP-binding protein, putative SACOL1925 conserved hypothetical protein SACOL1926 A/G-specific adenine glycosylase SACOL1927 conserved hypothetical protein SACOL1928 conserved hypothetical protein SACOL1929 ABC transporter, ATP-binding protein, putative SACOL1929 Oconserved hypothetical protein SACOL1929 Conserved hypothetical protein		SAP031 ORFID: SAP031. hypothetical protein SAS062 hypothetical protein SAS063 hypothetical protein SAS091 hypothetical protein SAS091 hypothetical protein SAV0028 plasmid recombination ensyme SAV0030 hypothetical protein SAV0031 bleomycin resistance proteinbleomycin resistance protein SAV0032 kanamycin nucleotidyltransferase SAV0039 methicillin resistance regulatory protein SAV0040 xylose repressor homologue SAV0041 conserved hypothetical protein SAV0042 conserved hypothetical protein SAV0043 conserved hypothetical protein SAV0044 conserved hypothetical protein SAV0045 conserved hypothetical protein SAV0045 conserved hypothetical protein
	SACOLO237 alcohol dehydrogenase, sinc-containing SACOLO238 teichoic acid biosynthesis protein, putative SACOLO239 TagF domain protein SACOLO240 4-diphosphocytidyl-2C-methyl-D-exythritol synthase, putative SACOLO241 alcohol dehydrogenase, sinc-containing SACOLO242 teichoic acid biosynthesis protein, putative SACOLO243 glycosyl transferase, group 2 family protein SACOLO244 ScdA protein SACOLO244 ScdA protein SACOLO245 sensor histidine kinase LytS SACOLO246 response regulator LytR SACOLO247 holin-like protein LrgA SACOLO248 lrgB protein SACOLO249 transcriptional regulator, GntR family SACOLO249 transcriptional regulator, GntR family SACOLO250 PTS system, IIA component SACOLO251 6-phospho-beta-glucosidase		SACOL1079 amidophosphoribosyltransferase SACOL1080 phosphoribosylformylglycinamidine cyclo-ligase SACOL1081 phosphoribosylglycinamide formyltransferase SACOL1082 phosphoribosylaminoimidasolecarboxamide formyltransferase/INP cyclohydrolase SACOL1083 phosphoribosylamineglycine ligase SACOL1084 cobalt transport family protein SACOL1085 ABC transporter, ATP-binding protein SACOL1086 conserved hypothetical protein SACOL1087 hypothetical protein SACOL1088 conserved hypothetical protein SACOL1089 conserved hypothetical protein SACOL1089 conserved hypothetical protein SACOL1090 phosphocarrier protein HPr SACOL1091 phosphocarrier protein phosphotransferase SACOL1092 conserved hypothetical protein		SACOL1931 FAD-binding RecX family protein SACOL1932 transglycosylase domain protein SACOL1933 ThiJ/PfpI family protein SACOL1934 conserved hypothetical protein SACOL1935 conserved hypothetical protein SACOL1936 cytosolic long-chain acyl-CoA thioester hydrolase family protein SACOL1937 aminopeptidase PepS SACOL1937 conserved hypothetical protein SACOL1939 phosphotyrosine protein phosphatase SACOL1930 conserved hypothetical protein SACOL1941 ribonuclease BN, putative SACOL1942 DNA-binding response regulator VraR SACOL1943 sensor histidine kinase VraS SACOL1944 conserved hypothetical protein SACOL1945 conserved hypothetical protein		SAV0047 erythromycin resistance protein SAV0048 streptomycin 3 double prime-adenylyltransferase SAV0049 transposase SAV0050 transposase B SAV0051 transposase A SAV0053 hypothetical protein SAV0055 hypothetical protein SAV0058 hypothetical protein SAV0059 hypothetical protein SAV0059 hypothetical protein SAV0060 hypothetical protein SAV0061 transposase SAV0062 transposase SAV0063 conserved hypothetical protein SAV0064 hypothetical protein SAV0065 hypothetical protein SAV0067 potassium-transporting atpase B chain homologue
	SACOLO252 conserved hypothetical protein SACOLO253 ribokinase SACOLO254 ribose transport protein SACOLO255 membrane protein, putative SACOLO257 ribose operon repressor, putative SACOLO257 ribose operon repressor, putative SACOLO259 hypothetical protein SACOLO260 transposase, putative, degenerate SACOLO261 drug transporter, putative SACOLO262 Ccholoylglycine hydrolase family protein SACOLO263 peptidoglycan hydrolase SACOLO264 ABC transporter, ATP-binding protein SACOLO265 hypothetical protein SACOLO266 hypothetical protein SACOLO266 hypothetical protein SACOLO266 hypothetical protein SACOLO268 hypothetical protein		SACOL1094 cytochrome d'ubiquinol oxidase, subunit I SACOL1095 cytochrome d'ubiquinol oxidase, subunit II SACOL1096 Trkh potassium uptake family protein SACOL1097 hypothetical protein SACOL1098 metallo-beta-lactamase family protein SACOL1099 conserved hypothetical protein SACOL1100 polypeptide deformylase SACOL1101 conserved hypothetical protein SACOL1102 pyruvate dehydrogenase complex E1 component, alpha subunit SACOL1103 pyruvate dehydrogenase complex E1 component, beta subunit SACOL1104 pyruvate dehydrogenase complex E2 component, dihydrolipoamide acetyltransferase SACOL1105 pyruvate dehydrogenase complex E3 component, lipoamide dehydrogenase SACOL1106 conserved hypothetical protein SACOL1107 transcriptional regulator, Cro/CI family SACOL1108 spermidine/putrescine ABC transporter, ATP-binding protein		SACOL1946 methionine aminopeptidase, type I SACOL1947 conserved hypothetical protein SACOL1948 hypothetical protein SACOL1950 cobyric acid synthase, putative SACOL1951 Nur ligase family protein SACOL1952 ferritins family protein SACOL1954 exonuclease SACOL1955 DNA-damage-inducible protein P SACOL1956 conserved hypothetical protein SACOL1957 RNA methyltransferase, TrmA family SACOL1958 conserved hypothetical protein TIGR00147 SACOL1960 glutamyl-tRNA(Gln) amidotransferase, B subunit SACOL1961 glutamyl-tRNA(Gln) amidotransferase, A subunit SACOL1962 glutamyl-tRNA(Gln) amidotransferase, C subunit SACOL1963 proline permease		SAV0069 hypothetical protein SAV0070 hypothetical protein SAV0072 K+-transporting ATPase chain A SAV0073 hypothetical protein SAV0074 KdpC homolog SAV0075 hypothetical protein SAV0085 hypothetical protein SAV0085 hypothetical protein SAV0090 hypothetical protein SAV0091 hypothetical protein SAV0091 hypothetical protein SAV0092 hypothetical protein SAV0093 hypothetical protein SAV0093 hypothetical protein SAV0095 Immunoglobulin G binding protein A precursor SAV0146 hypothetical protein SAV0146 Cap5C
	SACOLO269 conserved hypothetical protein SACOLO270 staphyloxanthin biosynthesis protein, putative SACOLO271 conserved hypothetical protein SACOLO272 hypothetical protein SACOLO273 hypothetical protein SACOLO273 hypothetical protein SACOLO274 conserved hypothetical protein SACOLO275 conserved hypothetical protein SACOLO276 diarrheal toxin SACOLO277 hypothetical protein SACOLO277 hypothetical protein SACOLO278 hypothetical protein SACOLO279 hypothetical protein SACOLO279 hypothetical protein SACOLO280 hypothetical protein SACOLO280 conserved hypothetical protein SACOLO281 conserved hypothetical protein SACOLO282 conserved hypothetical protein SACOLO283 hypothetical protein SACOLO284 conserved hypothetical protein		SACOL1109 spermidine/putrescine ABC transporter, permease protein SACOL1110 spermidine/putrescine ABC transporter, permease protein SACOL1111 spermidine/putrescine ABC transporter, spermidine/putrescine-binding protein SACOL1112 conserved hypothetical protein SACOL1113 conserved hypothetical protein SACOL1114 lkn2+/Fe2+ transporter, NRAMP family SACOL1115 conserved hypothetical protein SACOL1116 inositol monophosphatase family protein SACOL1117 conserved hypothetical protein SACOL1118 GTP-binding protein TypA SACOL1119 conserved hypothetical protein SACOL1110 conserved hypothetical protein SACOL1111 conserved hypothetical protein SACOL11120 protein protein first family SACOL11121 conserved hypothetical protein SACOL11122 cytochrome oxidase assembly protein		SACOL1964 Staphylococcus aureus sex pheromone SACOL1965 DNA ligase, NAD-dependent SACOL1966 ATP-dependent DNA helicase PcrA, FRANCSHIFT SACOL1967 geranylgeranylglyceryl phosphate synthase family protein SACOL1968 conserved hypothetical protein SACOL1969 adenylosuccinate lyase SACOL1970 cysteine protease precursor SspB SACOL1971 hypothetical protein SACOL1972 conserved hypothetical protein SACOL1973 conserved hypothetical protein SACOL1974 NH(3)-dependent NAD+ synthetase SACOL1975 conserved hypothetical protein SACOL1976 nitric-oxide synthase, oxygenase subunit SACOL1977 prephenate dehydratase SACOL1978 hypothetical protein SACOL1979 sodium-dependent transporter		SAV0265 MADH dehydrogenase subunit SAV0338 hypothetical protein SAV0339 hypothetical protein SAV0350 conserved hypothetical protein SAV0351 conserved hypothetical protein SAV0358 Truncated integrase SAV0368 hypothetical protein SAV0368 hypothetical protein SAV0381 hypothetical protein SAV0382 hypothetical protein SAV0383 hhypothetical protein SAV0384 hypothetical protein SAV0386 hypothetical protein SAV0386 hypothetical protein SAV0387 tetracycline resistance protein SAV0388 hypothetical protein SAV0389 hypothetical protein SAV0389 hypothetical protein
	SACOLO284 conserved hypothetical protein SACOLO285 conserved hypothetical protein SACOLO286 conserved hypothetical protein SACOLO287 conserved hypothetical protein SACOLO288 hypothetical protein, authentic frameshift SACOLO289 conserved hypothetical protein SACOLO290 hypothetical protein SACOLO290 conserved hypothetical protein SACOLO291 conserved hypothetical protein SACOLO292 conserved hypothetical protein SACOLO293 conserved hypothetical protein SACOLO296 conserved hypothetical protein SACOLO297 conserved hypothetical protein SACOLO298 conserved hypothetical protein SACOLO299 conserved hypothetical protein SACOLO299 conserved hypothetical protein SACOLO299 conserved hypothetical protein SACOLO299 hypothetical protein SACOLO299 hypothetical protein SACOLO300 truncated hypothetical protein		SACOL1124 cytochrome oxidase assembly protein SACOL1125 protoheme IX farmesyltransferase SACOL1126 conserved hypothetical protein SACOL1127 hypothetical protein SACOL1128 conserved hypothetical protein SACOL1129 conserved hypothetical protein SACOL1130 glycerophosphoryl diester phosphodiesterase, putative SACOL1131 conserved domain protein SACOL1132 conserved hypothetical protein SACOL1133 conserved hypothetical protein SACOL1134 lipopolysaccharide core biosynthesis protein KdtB SACOL1135 conserved hypothetical protein SACOL1136 conserved hypothetical protein SACOL1137 ribosomal protein L32 SACOL1138 LPXTG cell wall surface anchor protein SACOL1140 LPXTG cell wall surface anchor protein		SACOL1979 sodium-dependent transporter SACOL1980 conserved hypothetical protein SACOL1981 isochorismatase family protein SACOL1982 manganese-dependent inorganic pyrophosphatase SACOL1983 hypothetical protein SACOL1984 aldehyde dehydrogenase SACOL1985 conserved hypothetical protein SACOL1986 conserved hypothetical protein SACOL1988 conserved hypothetical protein SACOL1980 conserved hypothetical protein SACOL1990 conserved hypothetical protein SACOL1991 conserved hypothetical protein SACOL1991 conserved hypothetical protein SACOL1992 conserved hypothetical protein SACOL1993 conserved hypothetical protein SACOL1994 ABC transporter, ATP-binding protein SACOL1995 conserved hypothetical protein		SAV0390 hypothetical protein SAV0391 hypothetical protein SAV0392 hypothetical protein SAV0393 hypothetical protein SAV0394 hypothetical protein SAV0395 hypothetical protein SAV0396 hypothetical protein SAV0396 hypothetical protein SAV0397 hypothetical protein SAV0398 hypothetical protein SAV0399 hypothetical protein SAV0400 hypothetical protein SAV0401 hypothetical protein SAV0402 hypothetical protein SAV0403 hypothetical protein SAV0408 hypothetical protein SAV0408 hypothetical protein SAV0408 hypothetical protein
	SACOLO300 truncated hypothetical protein SACOLO301 formate/nitrite transporter family protein SACOLO302 branched-chain amino acid transport system II carrier protein SACOLO303 acid phosphatase5-nucleotidase, lipoprotein e(P4) family SACOLO305 ABC transporter, permease protein SACOLO306 ABC transporter, ATP-binding protein SACOLO307 perfringolysin 0 regulator protein SACOLO308 carbohydrate kinase, PfkB family SACOLO308 carbohydrate kinase, PfkB family SACOLO309 conserved hypothetical protein SACOLO310 nucleoside permease MupC, putative SACOLO311 sodium:solute symporter family protein SACOLO312 N-acetylneuraminate lyase SACOLO313 ROK family protein SACOLO314 conserved hypothetical protein SACOLO315 N-acetylmannosamine-6-P epimerase, putative SACOLO316 conserved hypothetical protein		SACOL1140 LPXTG cell wall surface anchor protein SACOL1141 MPQTN cell wall surface anchor protein SACOL1142 hypothetical protein SACOL1143 iron compound ABC transporter, iron compound-binding protein, putative SACOL1144 iron compound ABC transporter, permease protein, putative SACOL1145 sortase B SACOL1146 conserved hypothetical protein SACOL1147 RNA methyltransferase, TrmH family SACOL1148 phenylalanyl-tRNA synthetase, alpha subunit SACOL1149 phenylalanyl-tRNA synthetase, beta subunit SACOL1150 ribonuclease HIII SACOL1151 conserved hypothetical protein SACOL1152 colicin V production protein, putative SACOL1153 DNA-dependent DNA polymerase family X SACOL1154 DNA mismatch repair NutS2 family protein SACOL1155 thioredoxin		SACOL1995 conserved hypothetical protein SACOL1996 ABC transporter, ATP-binding protein SACOL1997 transcriptional regulator, GntR family SACOL2000 aminotransferase, putative SACOL2002 map protein, authentic frameshift SACOL2003 phospholipase C SACOL2004 leukocidin F subunit precursor, putative SACOL2004 leukocidin F subunit precursor, putative SACOL2006 Aerolysin/Leukocidin family protein SACOL2007 peptidase, N20/N25/N40 family, authentic frameshift SACOL2009 tetracenomycin polyhetide synthesis 0-methyltransferase TcmP, putative SACOL2010 iron compound ABC transporter, iron compound-binding protein SACOL2011 sodium transport family protein SACOL2012 acetyltransferase, GNAT family SACOL2013 hypothetical protein SACOL2014 phage terminase family protein, authentic frameshift		SAV0419 hypothetical protein SAV0420 hypothetical protein SAV0422 exotoxin homolog SAV0424 hypothetical protein SAV0425 hypothetical protein SAV0426 hypothetical protein SAV0427 hypothetical protein SAV0428 hypothetical protein SAV0429 hypothetical protein SAV0439 hypothetical protein SAV0430 hypothetical protein SAV0433 hypothetical protein SAV0437 hypothetical protein SAV0437 hypothetical protein SAV0438 veg protein SAV0487 UDP-W-acetylglucosomine pyrophosphoxylase
	SACOLO316 conserved hypothetical protein SACOLO317 lipase precursor, interruption SACOLO318 prophage L54a, integrase SACOLO319 hypothetical protein SACOLO320 hypothetical protein SACOLO321 prophage L54a, repressor protein, putative SACOLO322 prophage L54a, Cro-related protein SACOLO323 hypothetical protein SACOLO323 hypothetical protein SACOLO324 hypothetical protein SACOLO325 prophage L54a, antirepressor, putative SACOLO326 hypothetical protein SACOLO327 hypothetical protein SACOLO328 hypothetical protein SACOLO329 conserved hypothetical protein SACOLO339 conserved hypothetical protein SACOLO339 conserved hypothetical protein SACOLO330 conserved hypothetical protein SACOLO3330 conserved hypothetical protein		SACOL1155 thioredoxin SACOL1157 excinuclease ABC, C subunit SACOL1158 succinate dehydrogenase, cytochrome b558 subunit SACOL1159 succinate dehydrogenase, flavoprotein subunit SACOL1160 succinate dehydrogenase, iron-sulfur protein SACOL1161 glutamate racemase SACOL1162 HAMI protein SACOL1163 conserved hypothetical protein TIGRO0040 SACOL1164 fibrinogen binding-related protein SACOL1166 hypothetical protein SACOL1167 hypothetical protein SACOL1168 fibrinogen-binding protein SACOL1169 fibrinogen-binding protein SACOL1169 hypothetical protein SACOL1170 hypothetical protein SACOL1171 hypothetical protein SACOL1171 hypothetical protein SACOL1172 hypothetical protein SACOL1173 alpha-hemolysin precursor		SACOL2015 integrase/recombinase-related protein, authentic frameshift SACOL2017 chaperonin, 60 kDa SACOL2017 chaperonin, 10 kDa SACOL2018 abortive infection protein family SACOL2019 sdrH protein, putative SACOL2020 conserved hypothetical protein SACOL2021 hydrolase, carbon-nitrogen family SACOL2021 accessory gene regulator protein B SACOL2023 accessory gene regulator protein C SACOL2026 accessory gene regulator protein A SACOL2028 fructokinase, putative SACOL2029 sucrose-6-phosphate hydrolase SACOL2031 aumnonium transporter family protein SACOL2031 conserved hypothetical protein SACOL2034 conserved hypothetical protein SACOL2035 conserved hypothetical protein		SAV0487 UDP-N-acetylglucosamine pyrophosphorylase SAV0493 conserved hypothetical protein SAV0495 conserved hypothetical protein SAV0550 Ser-Asp rich fibrinogen-binding protein SAV0588 hypothetical protein SAV0627 teichoic acid biosynthesis protein SAV0632 hypothetical protein SAV0767 Arabidopsis thaliana genomic DNA SAV0769 hypothetical protein SAV0770 hypothetical protein SAV0771 hypothetical protein SAV0775 hypothetical protein SAV0776 hypothetical protein SAV0778 hypothetical protein SAV0788 hypothetical protein
	SACOLO333 conserved hypothetical protein SACOLO334 conserved hypothetical protein SACOLO335 hypothetical protein SACOLO336 conserved hypothetical protein SACOLO337 hypothetical protein SACOLO337 hypothetical protein SACOLO338 conserved hypothetical protein SACOLO339 prophage L54a, single-stranded DNA binding protein SACOLO340 conserved hypothetical protein SACOLO341 conserved hypothetical protein SACOLO342 hypothetical protein SACOLO343 prophage L54a, replicative DNA helicase, putative SACOLO344 hypothetical protein SACOLO345 hypothetical protein SACOLO346 hypothetical protein SACOLO347 conserved hypothetical protein SACOLO348 conserved hypothetical protein SACOLO347 conserved hypothetical protein		SACOL1173 alpha-hemolysin precursor SACOL1175 hypothetical protein SACOL1176 hypothetical protein SACOL1177 hypothetical protein SACOL1178 exotoxin 1, putative SACOL1179 exotoxin 4, putative SACOL1180 exotoxin 3, putative SACOL1181 ornithine carbamoritransferase SACOL1182 carbamate kinase SACOL1183 membrane protein, putative SACOL1184 exfoliative toxin, putative SACOL1185 hypothetical protein SACOL1186 antibacterial protein (phenol soluble modulin) SACOL1187 antibacterial protein (phenol soluble modulin) SACOL1188 hydrolase, haloacid dehalogenase-like family SACOL1189 acetyltransferase, GMAT family		SACOL2035 conserved hypothetical protein SACOL2036 ABC transporter, ATP-binding protein SACOL2037 conserved domain protein SACOL2038 metalloendopeptidase, putative, glycoprotease family SACOL2039 ribosomal-protein-alamine acetyltransferase, putative SACOL2040 conserved hypothetical protein SACOL2041 conserved hypothetical protein TIGRO0150 SACOL2042 dihydroxy-acid dehydratase SACOL2043 acetolactate synthase, large subunit, biosynthetic type SACOL2044 acetolactate synthase, small subunit, truncation SACOL2045 ketol-acid reductoisomerase SACOL2046 2-isopropylmalate synthase SACOL2047 3-isopropylmalate dehydrogenase SACOL2048 3-isopropylmalate dehydratase, large subunit SACOL2049 3-isopropylmalate dehydratase, small subunit		SAV0790 hypothetical protein SAV0791 hypothetical protein SAV0798 hypothetical protein SAV0818 disease resistance protein Rps4 SAV0835 hypothetical protein SAV0836 hypothetical protein SAV0837 hypothetical protein SAV0838 hypothetical protein SAV0838 hypothetical protein SAV0840 hypothetical protein SAV0841 hypothetical protein SAV0844 hypothetical protein SAV0845 hypothetical protein SAV0846 hypothetical protein SAV0847 hypothetical protein SAV0848 hypothetical protein SAV0848 hypothetical protein SAV0848 hypothetical protein
	SACOLO348 conserved hypothetical protein SACOLO350 conserved hypothetical protein SACOLO351 conserved hypothetical protein SACOLO352 hypothetical protein SACOLO353 hypothetical protein SACOLO353 hypothetical protein SACOLO354 phage uncharacterised protein TIGRO1671 SACOLO355 conserved hypothetical protein SACOLO355 conserved hypothetical protein SACOLO356 conserved hypothetical protein SACOLO357 prophage L54a, deoxyuridine 5-triphosphate nucleotidohydrolase SACOLO358 conserved hypothetical protein SACOLO359 hypothetical protein SACOLO360 hypothetical protein SACOLO360 conserved hypothetical protein				SACOL2050 threonine dehydratase SACOL2052 peptidase, SprT family SACOL2053 S1 RNA binding domain protein SACOL2054 RNA polymerase sigma-37 factor SACOL2055 anti-sigma B factor SACOL2055 anti-sigma B factor RsbV SACOL2056 anti-sigma factor B regulator protein SACOL2057 sigma factor B regulator protein SACOL2058 PemK family protein SACOL2058 conserved hypothetical protein SACOL2050 alanine racemase SACOL2061 holo-(acyl-carrier-protein) synthase SACOL2062 conserved hypothetical protein SACOL2063 conserved hypothetical protein SACOL2064 membrane protein, putative SACOL2065 potassium-transporting ATPase, C subunit SACOL2066 potassium-transporting ATPase, B subunit		SAV0851 single strand DNA binding protein SAV0852 hypothetical protein SAV0854 hypothetical protein SAV0855 hypothetical protein SAV0856 hypothetical protein SAV0857 hypothetical protein SAV0858 hypothetical protein SAV0859 hypothetical protein SAV0860 hypothetical protein SAV0864 hypothetical protein SAV0867 hypothetical protein SAV0867 hypothetical protein SAV0871 hypothetical protein SAV0873 hypothetical protein SAV0873 hypothetical protein SAV0874 hypothetical protein
	SACOLO365 prophage L54a, HNH endonuclease family protein SACOLO366 phage terminase small subunit, putative SACOLO367 phage terminase, large subunit, putative SACOLO368 phage portal protein, HK97 family SACOLO369 prophage L54a, Clp protease, putative SACOLO370 phage major capsid protein, putative SACOLO371 uncharacterised phage protein SACOLO372 hypothetical protein SACOLO373 conserved hypothetical protein SACOLO374 conserved hypothetical protein SACOLO375 phage major tail protein, putative SACOLO376 prophage L54a, major tail protein, putative SACOLO377 hypothetical protein SACOLO378 hypothetical protein SACOLO379 phage tail tape meausure protein, TP901 family		SACOL1205 cell-division initiation protein, putative SACOL1206 isoleucyl-tRNA synthetase SACOL1207 glyoxalase family protein SACOL1208 lipoprotein signal peptidase SACOL1209 ribosomal large subunit pseudouridine synthases, RluD subfamily SACOL1210 pyrimidine operon regulatory protein SACOL1211 uracil permease SACOL1212 aspartate carbamoyltransferase SACOL1213 dihydroorotase SACOL1214 carbamoyl-phosphate synthase, small subunit SACOL1215 corbinosyl-phosphate synthase, large subunit SACOL1216 orotidine 5-phosphate decarboxylase SACOL1217 orotate phosphoribosyltransferase SACOL1218 conserved hypothetical protein SACOL1219 conserved hypothetical protein		SACOL2068 potassium-transporting ATPase, A subunit SACOL2070 sensor histidine kinase KdpD SACOL2071 DNA-binding response regulator KdpE SACOL2072 ATP-dependent RNA helicase, DEAD/DEAH box family SACOL2073 UDP-N-acetylmuramoylalanyl-D-glutamyl-2,6-diaminopimelateD-alanyl-D-alanyl ligase SACOL2074 D-alanineD-alanine ligase SACOL2075 cell division protein, FtsW/RodA/SpoVE family SACOL2075 conserved hypothetical protein SACOL2076 conserved hypothetical protein SACOL2077 conserved hypothetical protein SACOL2078 conserved hypothetical protein SACOL2079 cardiolipin synthetase SACOL2080 HD domain protein, putative SACOL2081 membrane protein, putative SACOL2083 thiamine-phosphate pyrophosphorylase SACOL2084 hydroxyethylthiasole kinase		SAV0875 hypothetical protein SAV0876 hypothetical protein SAV0877 hypothetical protein SAV0878 hypothetical protein SAV0879 hypothetical protein SAV0880 hypothetical protein SAV0881 hypothetical protein SAV0882 hypothetical protein SAV0883 hypothetical protein SAV0884 hypothetical protein SAV0885 hypothetical protein SAV0886 hypothetical protein SAV0887 hypothetical protein SAV0888 hypothetical protein
	SACOLO380 conserved hypothetical protein, authentic frameshift SACOLO381 conserved hypothetical protein SACOLO382 hypothetical protein SACOLO383 conserved hypothetical protein SACOLO384 conserved hypothetical protein SACOLO385 conserved hypothetical protein SACOLO386 phage uncharacterised protein, %kd% family SACOLO387 conserved hypothetical protein SACOLO388 phage uncharacterised protein SACOLO388 holin, SPP1 family SACOLO389 prophage L54a, amidase, putative SACOLO389 prophage L54a, amidase, putative SACOLO390 lipase precursor, interruption SACOLO391 hypothetical protein SACOLO392 MADH-dependent flavin oxidoreductase, Oye family SACOLO393 conserved hypothetical protein SACOLO395 glycine cleavage system H protein, putative		SACOL1219 conserved hypothetical protein SACOL1220 fibronectin/fibrinogen binding-related protein SACOL1221 guanylate kinase SACOL1222 DMA-directed RMA polymerase, omega subunit SACOL1223 phosphopantothenoyloysteine decarboxylase/phosphopantothenatecysteine ligase SACOL1224 primosomal protein N SACOL1225 hypothetical protein SACOL1225 conserved hypothetical protein SACOL1226 conserved hypothetical protein SACOL1227 polypeptide deformylase SACOL1228 methionyl-tRMA formyltransferase SACOL1229 sun protein SACOL1229 sun protein SACOL12210 conserved hypothetical protein TIGRO0048 SACOL1231 protein phosphatase 2C domain protein SACOL1232 protein kinase. POINT NUTATION SACOL1233 conserved hypothetical protein TIGRO0157 SACOL1235 ribulose-phosphate 3-epimerase		SACOL2085 phosphomethylpyrimidine kinase SACOL2086 transcriptional regulator, TenA family SACOL2088 sceD protein, putative SACOL2089 single-stranded DNA-binding protein family SACOL2090 pwpF protein SACOL2091 beta-hydroxyacyl-(acyl-carrier-protein) dehydratase Fab2 SACOL2092 UDP-N-acetylglucosamine 1-carboxyvinyltransferase 1 SACOL2093 conserved hypothetical protein SACOL2093 conserved hypothetical protein SACOL2094 ATP synthase F1, epsilon subunit SACOL2095 ATP synthase F1, beta subunit SACOL2096 ATP synthase F1, delta subunit SACOL2097 ATP synthase F1, alpha subunit SACOL2098 ATP synthase F1, delta subunit SACOL2099 ATP synthase F0, B subunit SACOL2099 ATP synthase F0, C subunit		SAV0890 hypothetical protein SAV0891 hypothetical protein SAV0892 hypothetical protein SAV0893 hypothetical protein SAV0894 hypothetical protein SAV0896 hypothetical protein SAV0897 hypothetical protein SAV0898 hypothetical protein SAV0898 hypothetical protein SAV0899 hypothetical protein SAV0900 amidase SAV0900 hypothetical protein SAV0907 conserved hypothetical protein SAV0907 conserved hypothetical protein SAV1005 peptide chain release factor 3 SAV1006 peptide chain release factor 3
	SACOLO395 glycine cleavage system H protein, putative SACOLO396 conserved domain protein SACOLO397 hypothetical protein SACOLO398 lipoate-protein ligase A family protein SACOLO399 oxidoreductase, putative SACOLO400 transport protein SgaT, putative SACOLO401 conserved hypothetical protein SACOLO402 PTS system, IIA component SACOLO402 PTS system, IIA component SACOLO403 transcriptional antiterminator, BglG family SACOLO404 transcriptional regulator, HarR family SACOLO405 NATE efflux family protein SACOLO406 hypothetical protein SACOLO407 glycerol-3-phosphate transporter SACOLO408 glyoxalase family protein SACOLO409 conserved hypothetical protein SACOLO409 conserved hypothetical protein		SACOL1235 ribulose-phosphate 3-epimerase SACOL1236 conserved hypothetical protein SACOL1238 ribosomal protein L28 SACOL1239 conserved hypothetical protein SACOL1240 DAK2 domain protein SACOL1241 ATP-dependent DNA helicase RecG SACOL1242 conserved hypothetical protein SACOL1243 fatty acid/phospholipid synthesis protein PlsX SACOL1244 malonyl CoA-acyl carrier protein transacylase SACOL1245 3-oxoacyl-(acyl-carrier-protein) reductase SACOL1247 acyl carrier protein SACOL1248 ribonuclease III SACOL1248 ribonuclease III SACOL1250 chromosome segregation SMC protein, putative SACOL1251 cell division protein FtsY, putative SACOL1252 conserved hypothetical protein SACOL1253 signal recognition particle protein		SACOL2100 ATP synthase FO, C subunit SACOL2101 ATP synthase FO, A subunit SACOL2102 conserved hypothetical protein SACOL2103 UDP-N-acetyl glucosamine 2-epimerase SACOL2104 uracil phosphoribosyltransferase SACOL2105 serine hydroxymethyltransferase SACOL2106 conserved hypothetical protein TIGRO1440 SACOL2107 phosphotyrosine protein phosphatase SACOL2108 Sua5/YciO/YrdC/YwlC family protein SACOL2109 modification methylase, HemK family SACOL2110 peptide chain release factor 1 SACOL2111 thymidine kinase SACOL2112 ribosomal protein L31 SACOL2113 transcription termination factor Rho SACOL2114 aldehyde dehydrogenase SACOL2115 conserved hypothetical protein		SAV1017 hypothetical protein SAV1052 partial autolysin SAV1064 hypothetical protein SAV1064 hypothetical protein SAV1102 putative vacuolating cytotoxin SAV1132 iron-sulphur subunit of succinate dehydrogenase SAV1137 hypothetical protein SAV1149 exotoxin 4 SAV1151 toxic shock syndrome toxin 1 SAV1152 gastrointestinal growth factor xP4 SAV1153 gastrointestinal growth factor xP4 SAV1167 cell division protein SAV1262 MutS protein SAV1377 ABC transporter homolog SAV1404 hypothetical protein SAV1402 dihydrolipoxmide succinyltransferase component of 2-oxoglutarate dehydrogenase complex SAV1415 truncated putative response regulator ArlR
	SACOL0411 membrane protein, putative SACOL0412 conserved hypothetical protein SACOL0413 ribosomal-protein-serine acetyltransferase, putative SACOL0414 lipoprotein, putative SACOL0415 Dyp-type peroxidase family protein SACOL0416 conserved domain protein SACOL0417 NttB family protein SACOL0417 NttB family protein SACOL0418 mttA/Rcf106 family protein SACOL0419 hypothetical protein SACOL0419 hypothetical protein SACOL0420 transcriptional regulator, Cro/CI family SACOL0421 hypothetical protein SACOL0422 ABC transporter, ATP-binding protein SACOL0424 conserved hypothetical protein SACOL0425 hypothetical protein SACOL0426 acetyl-CoA acetyltransferase		SACOL1254 ribosomal protein S16 SACOL1255 16S rRNA processing protein RimN( SACOL1256 tRNA (quanine-N1)-methyltransferase SACOL1257 ribosomal protein L19 SACOL1259 conserved hypothetical protein SACOL1259 conserved hypothetical protein SACOL1260 GTP-binding protein, putative SACOL1261 ribonuclease HII SACOL1262 succinyl-CoA synthase, beta subunit SACOL1263 succinyl-CoA synthase, alpha subunit SACOL1264 cell wall hydrolase SACOL1265 endopeptidase resistance gene SACOL1266 DNA processing protein DprA, putative SACOL1267 DNA topoisomerase I SACOL1268 Gid protein SACOL1269 integrase/recombinase		SACOL2116 UDP-N-acetylglucosamine 1-carboxyvinyltransferase 2 SACOL2117 fructose-bisphosphate aldolase, class II SACOL2118 conserved hypothetical protein SACOL2119 CTP synthase SACOL2120 DNA-directed RNA polymerase, delta subunit SACOL2121 acetyltransferase, GNAT family SACOL2122 conserved hypothetical protein SACOL2123 conserved hypothetical protein SACOL2124 conserved hypothetical protein SACOL2125 peptidase, N2O/N25/N4O family SACOL2126 autoinducer-2 production protein LuxS SACOL2127 conserved hypothetical protein SACOL2128 pyrimidine-nucleoside phosphorylase SACOL2129 deoxyribose-phosphate aldolase SACOL2130 purine nucleoside phosphorylase		SAV1425 amino acid permease homolog SAV1427 threonine dehydratase catabolic SAV1444 ATP-dependent DMA helicase SAV1444 probable GTP binding protein SAV1499 hypothetical protein SAV1518 Zaa-Pro dipeptidase homolog SAV1521 putative ferredoxin SAV1529 hypothetical protein SAV1573 hypothetical protein SAV1573 hypothetical protein SAV1589 enterotoxin homolog SAV1590 hypothetical protein SAV1679 alkaline phosphatase synthesis transcriptional regulatory protein SAV1718 INDH dehydrogenase subunit 6 SAV1766 IMDH dehydrogenase subunit 6
	SACOL0426 acetyl-CoA acetyltransferase SACOL0427 conserved hypothetical protein SACOL0428 5-methyltetrahydropteroyltriglutamatehomocysteine methyltransferase SACOL0429 5-methyltetrahydrofolatehomocysteine methyltransferase, putative SACOL0430 trans-sulfuration ensyme family protein SACOL0431 trans-sulfuration ensyme family protein SACOL0432 spo0J protein SACOL0433 conserved hypothetical protein SACOL0434 conserved hypothetical protein SACOL0435 conserved hypothetical protein SACOL0436 conserved hypothetical protein SACOL0437 ribosomal protein S6 SACOL0438 single-stranded DNA-binding protein SACOL0438 ribosomal protein S18 SACOL0430 conserved hypothetical protein SACOL0440 conserved hypothetical protein SACOL0441 ribosomal protein S18 SACOL0440 conserved hypothetical protein SACOL0441 integrase, degenerate		SACOL1269 integrase/recombinase SACOL1270 heat shock protein HslVU, ATPase subunit HslV SACOL1271 heat shock protein HslVU, ATPase subunit HslV SACOL1272 transcriptional regulator CodY SACOL1274 ribosomal protein S2 SACOL1276 translation elongation factor Ts SACOL1277 uridylate kinase SACOL1278 ribosome recycling factor SACOL1279 undecaprenyl diphosphate synthase SACOL1279 undecaprenyl diphosphate synthase SACOL1280 phosphatidate cytidylyltransferase SACOL1281 membrane-associated sinc metalloprotease, putative SACOL1282 prolyl-tRNA synthetase SACOL1283 DNA polymerase III, alpha subunit, Gram-positive type SACOL1284 conserved hypothetical protein SACOL1285 N utilisation substance protein A, putative SACOL1286 conserved hypothetical protein		SACOL2131 Dps family protein SACOL2132 conserved hypothetical protein SACOL2133 conserved hypothetical protein SACOL2134 conserved hypothetical protein SACOL2135 mannose-6-phosphate isomerase, class I SACOL2136 conserved hypothetical protein SACOL2137 transcriptional regulator CsrA SACOL2138 cation efflux family protein SACOL2138 cation efflux family protein SACOL2140 lytic regulatory protein, authentic frameshift SACOL2141 site-specific recombinase family protein, degenerate SACOL2142 SAP domain protein SACOL2143 conserved hypothetical protein SACOL2144 abc transporter, ATP-binding protein SACOL2145 glucosaminefructose-6-phosphate aminotransferase (isomerising) SACOL2146 PTS system, mannitol-specific IIBC components		SAV1788 hypothetical protein SAV1790 truncated transposase SAV1793 hypothetical protein SAV1801 hypothetical protein SAV1802 truncated hypothetical protein SAV1808 hypothetical protein SAV1808 hypothetical protein SAV1808 hypothetical protein SAV1807 hypothetical protein SAV1808 extracellular enterotoxin type G precursor SAV1808 enterotoxin homolog SAV1810 enterotoxin homolog SAV1811 enterotoxin homolog SAV1812 extracellular enterotoxin type I precursor SAV1813 enterotoxin homolog SAV1814 enterotoxin homolog
	SACOLO441 integrase, degenerate SACOLO442 staphylococcal enterotoxin, putative SACOLO443 conserved hypothetical protein TIGRO1655 SACOLO444 conserved hypothetical protein SACOLO445 conserved hypothetical protein SACOLO446 conserved hypothetical protein SACOLO447 phosphoglycerate mutase family protein SACOLO448 conserved hypothetical protein SACOLO449 conserved hypothetical protein SACOLO449 conserved hypothetical protein SACOLO450 hypothetical protein SACOLO451 alkyl hydroperoxide reductase, subunit F SACOLO452 alkyl hydroperoxide reductase, C subunit SACOLO453 MAD (P) H-flavin oxidoreductase, putative SACOLO455 conserved hypothetical protein SACOLO456 conserved hypothetical protein SACOLO456 conserved hypothetical protein		SACOL1286 conserved hypothetical protein SACOL1287 30S ribosomal protein L7 Ae SACOL1288 translation initiation factor IF-2 SACOL1289 ribosome-binding factor A SACOL1290 tRNA pseudouridine 55 synthase SACOL1291 riboflavin biosynthesis protein RibF SACOL1292 ribosomal protein S15 SACOL1292 ribosomal protein S15 SACOL1293 polyribonucleotide nucleotidyltransferase SACOL1294 metallo-beta-lactamase family protein SACOL1295 FtsK/SpoIIIE family protein SACOL1296 transcriptional regulator, GntR family, putative SACOL1297 conserved hypothetical protein SACOL1298 peptidase, N16 family SACOL1299 acetoacetyl-CoA reductase, putative SACOL1300 ACT domain protein SACOL1301 transcriptional regulator, putative		SACOL2146 PTS system, mannitol-specific IIBC components SACOL2147 transcriptional antiterminator, BglG family/DNA-binding protein SACOL2148 PTS system, mannitol-specific IIA component SACOL2149 mannitol-1-phosphate 5-dehydrogenase SACOL2150 fmtB protiein SACOL2151 phosphoglucosamine mutase GlmK SACOL2152 conserved hypothetical protein SACOL2153 conserved hypothetical protein TIGRO0159 SACOL2154 arginase SACOL2155 IS1181, transposase, authentic point mutation SACOL2156 ATP-binding protein, Mrp/Mbp35 family SACOL2157 drug resistance transporter, EmrB/QacA subfamily SACOL2158 conserved hypothetical protein SACOL2158 drug transporter, putative SACOL2150 hemolysin III, putative SACOL2160 UTP-glucose-1-phosphate uridylyltransferase family protein		SAV1814 enterotoxin homolog SAV1841 amino-acid ABC transporter ATP-binding protein homolog SAV1938 C. elegans frissled protein homolog precursor SAV1944 phi PVL ORF 15 and 16 homologue SAV1945 hypothetical protein SAV1946 hypothetical protein SAV1947 hypothetical protein SAV1948 hypothetical protein SAV1949 hypothetical protein SAV1950 hypothetical protein SAV1951 hypothetical protein SAV1952 hypothetical protein SAV1953 hypothetical protein SAV1953 hypothetical protein SAV1955 hypothetical protein SAV1955 hypothetical protein SAV1955 hypothetical protein SAV1956 hypothetical protein
	SACOL0456 conserved hypothetical protein SACOL0457 conserved hypothetical protein SACOL0458 xanthine phosphoribosyltransferase SACOL0459 xanthine permease SACOL0460 inosine-5-monophosphate dehydrogenase SACOL0461 GHP synthase SACOL0461 hypothetical protein SACOL0462 hypothetical protein SACOL0463 hypothetical protein SACOL0464 transposase, IS3 family SACOL0466 membrane protein, putative SACOL0467 conserved hypothetical protein SACOL0468 exotoxin 3, putative SACOL0469 exotoxin 1, putative SACOL0469 exotoxin, putative SACOL0472 exotoxin, putative SACOL0473 exotoxin, putative SACOL0473 exotoxin, putative		SACOL1301 transcriptional regulator, putative SACOL1302 CDP-diacylglycerolglycerol-3-phosphate 3-phosphatidyltransferase SACOL1303 competence/damage-inducible protein CinA SACOL1304 recA protein SACOL1305 HD/HDIG/KH domain protein SACOL1306 conserved hypothetical protein SACOL1307 conserved hypothetical protein TIGRO0282 SACOL1308 pyruvate ferredoxin oxidoreductase, alpha subunit SACOL1309 pyruvate ferredoxin oxidoreductase, beta subunit SACOL1310 conserved hypothetical protein SACOL1311 tRNA-i(6)A37 modification ensyme KiaB SACOL1312 tRNA-i(6)A37 modification ensyme KiaB SACOL1314 conserved hypothetical protein SACOL1315 DNA mismatch repair protein HexA SACOL1316 DNA mismatch repair protein HexB SACOL1317 glycerol uptake operon antiterminator regulatory protein		SACOL2161 UTP-glucose-1-phosphate uridylyltransferase family protein SACOL2162 conserved hypothetical protein SACOL2163 conserved hypothetical protein SACOL2164 conserved hypothetical protein SACOL2165 iron compound ABC transporter, permease protein SACOL2166 iron compound ABC transporter, permease protein SACOL2167 iron compound ABC transporter, iron compound-binding protein SACOL2168 conserved hypothetical protein SACOL2169 conserved hypothetical protein SACOL2170 transporter, putative SACOL2171 conserved hypothetical protein SACOL2172 transposase, putative, degenerate SACOL2173 alkaline shock protein 23 SACOL2174 conserved hypothetical protein SACOL2175 conserved hypothetical protein SACOL2176 osmeprotectant transporter, BCCT family		SAV1956 hypothetical protein SAV1957 hypothetical protein SAV1958 hypothetical protein SAV1961 hypothetical protein SAV1962 hypothetical protein SAV1963 dUTP pyrophosphatase SAV1964 hypothetical protein SAV1965 hypothetical protein SAV1966 hypothetical protein SAV1966 hypothetical protein SAV1967 hypothetical protein SAV1968 hypothetical protein SAV1977 hypothetical protein SAV1970 hypothetical protein SAV1970 hypothetical protein SAV1985 hypothetical protein SAV1986 hypothetical protein
	SACOL0473 exotoxin 5, putative SACOL0474 exotoxin 4, putative SACOL0476 type I restriction-modification system, N subunit SACOL0477 type I restriction-modification system, S subunit, EcoA family, putative SACOL0478 exotoxin 3, putative SACOL0479 surface protein, putative SACOL0480 hypothetical protein SACOL0480 hypothetical protein SACOL0481 hypothetical protein SACOL0482 hypothetical protein SACOL0483 conserved hypothetical protein SACOL0484 hypothetical protein SACOL0485 hypothetical protein SACOL0486 hypothetical protein SACOL0487 hypothetical protein SACOL0488 hypothetical protein SACOL0488 hypothetical protein SACOL0488 hypothetical protein		SACOL1317 glycerol uptake operon antiterminator regulatory protein SACOL1319 glycerol uptake facilitator protein SACOL1320 glycerol kinase SACOL1321 aerobic glycerol-3-phosphate dehydrogenase SACOL1322 hydrolase, alpha/beta hydrolase fold family SACOL1323 tRNA delta(2)-isopentenylpyrophosphate transferase SACOL1324 host factor-I protein SACOL1325 glutathione peroxidase SACOL1326 GTP-binding protein, putative SACOL1327 conserved hypothetical protein SACOL1328 glutamine synthetase repressor SACOL1329 glutamine synthetase FemC SACOL1330 hypothetical protein SACOL1331 hypothetical protein SACOL1333 hypothetical protein		SACOL2176 osmoprotectant transporter, BCCT family SACOL2177 alcohol dehydrogenase, sinc-containing SACOL2178 alcohol dehydrogenase, sinc-containing SACOL2179 conserved hypothetical protein SACOL2180 6-phospho-beta-galactosidase SACOL2181 PTS system, lactose-specific IIBC components SACOL2182 PTS system, lactose-specific IIA component SACOL2183 tagatose 1,6-diphosphate aldolase SACOL2184 tagatose-6-phosphate kinase SACOL2185 galactose-6-phosphate isomerase, LacB subunit SACOL2186 galactose-6-phosphate isomerase, LacA subunit SACOL2188 lactose phosphotransferase system repressor SACOL2189 transcriptional regulator, Sir2 family SACOL2190 conserved hypothetical protein SACOL2192 oxidoreductase, aldo/keto reductase family		SAV1986 hypothetical protein SAV1997 toxic shock syndrome toxin-1 SAV2004 hypothetical protein SAV2005 hypothetical protein SAV2007 hypothetical protein SAV2007 hypothetical protein SAV2009 hypothetical protein SAV2010 hypothetical protein SAV2010 hypothetical protein SAV2015 hypothetical protein SAV2030 putative transport system permease protein SAV2030 PUDP-N-acetylglucosamine 1-carbonyvinyltransferase SAV2087 UDP-N-acetylglucosamine-like protein SAV2139 hypothetical protein SAV2147 frameshifted-ORF7040 SAV2155 putative multidrug transporter
	SACOL0489 conserved hypothetical protein SACOL0490 hypothetical protein SACOL0491 cobalamin synthesis protein, putative SACOL0494 NADH dehydrogenase I, F subunit SACOL0495 conserved hypothetical protein SACOL0496 conserved hypothetical protein SACOL0497 conserved hypothetical protein SACOL0497 conserved hypothetical protein SACOL0498 PAP2 family protein SACOL0498 pap2 family protein SACOL0500 hypothetical protein SACOL0500 conserved hypothetical protein SACOL0501 sodium-dependent transporter, putative SACOL0502 cysteine synthase/cystathionine beta-synthase family protein SACOL0503 trans-sulfuration ensyme family protein SACOL0504 ABC transporter, ATP-binding protein SACOL0505 ABC transporter, permease protein		SACOL1338 hypothetical protein SACOL1349 conserved hypothetical protein SACOL1345 hypothetical protein SACOL1345 hypothetical protein SACOL1346 hypothetical protein SACOL1347 hypothetical protein SACOL1347 conserved hypothetical protein SACOL1349 conserved hypothetical protein SACOL1351 cardiolipin synthetase SACOL1352 ABC transporter, ATP-binding protein SACOL1353 ABC transporter, permease protein, putative SACOL1354 sensor histidine kinase, putative SACOL1355 DNA-binding response regulator, Luck family SACOL1357 thermonuclease precursor family protein SACOL1358 conserved hypothetical protein SACOL1359 conserved hypothetical protein		SACOL2193 transcriptional regulator, MerR family SACOL2194 hyaluronate lyase SACOL2195 N23/M37 peptidase domain protein SACOL2196 conserved hypothetical protein SACOL2197 surface protein, putative SACOL2198 alpha-acetolactate decarboxylase SACOL2199 acetolactate synthase, catabolic SACOL2201 conserved domain protein, putative SACOL2201 hypothetical protein SACOL2202 hypothetical protein SACOL2203 ClpA-related protein SACOL2204 hypothetical protein SACOL2205 conserved hypothetical protein, degenerate SACOL2206 ribosomal protein S9 SACOL2207 ribosomal protein L13 SACOL2208 tRMA pseudouridine synthase A		SAV2195 hypothetical protein SAV2195 hypothetical protein SAV2196 hypothetical protein SAV2197 hypothetical protein SAV2198 truncated IS232 IstB protein homolog SAV2198 truncated IS232 IstB protein homolog SAV2201 truncated IS232 IstA protein homolog SAV2202 hypothetical protein SAV2353 hypothetical protein SAV2382 uroporphyrin-III C-methyltransferase SAV2383 assimilatory nitrite reductase [MAD(P)H] small subunit SAV2444 hypothetical protein SAV2455 conserved hypothetical protein SAV2459 hypothetical protein SAV2455 SERA antigen/papain-like proteinase
			•• • • • • • • • • • • • • • • • • • •		SACOL2208 tRMA pseudouridine synthase A SACOL2209 cobalt transport family protein SACOL2210 ABC transporter, ATP-binding protein SACOL2211 ABC transporter, ATP-binding protein SACOL2212 ribosomal protein L17 SACOL2213 DMA-directed RMA polymerase, alpha subunit SACOL2214 ribosomal protein S11 SACOL2215 ribosomal protein S13/S18 SACOL2215 ribosomal protein L36 SACOL2216 ribosomal protein L36 SACOL2217 translation initiation factor IF-1 SACOL2218 adenylate kinase		SAV2465 SERA antigen/papain-like proteinase SAV2469 hypothetical protein SAV2470 hypothetical protein SAV2510 conserved hypothetical protein SAV2512 hypothetical protein SAV2528 hypothetical protein SAV2528 hypothetical protein SAV2579 truncated hypothetical protein SAV2580 glutamyl-endopeptidase SAV2592 hypothetical protein SAV2593 streptococcal hemagglutinin SAV2680 2-oxoglutarate/malate translocator