

Spot Label	Rank		Protein Name	Accession Number	Protein MW	Peptide Count	Protein Score	Protein Score C.I. %	Total Ion Score	Total Ion Score C.I. %	sequence coverage
I2	1	RpsF	rpsF gene product [Staphylococcus aureus subsp. aureus ED133]	gi 384546652 ref YP_005735905.1	10808,56	8	262	100	183	100	77
I3	1	PyrR	bifunctional pyrimidine regulatory protein PyrR uracil phosphoribosyltransferase [Staphylococcus aureus RF122]	gi 82750803 ref YP_416544.1	19870,59	17	421	100	246	100	80
I4	1	FusA	translational elongation factor G [Staphylococcus aureus 930918-3]	gi 262052432 ref ZP_06024632.1	76606,01	13	123	100	70	100	31
I6	1	SAR 1041	hypothetical protein SAV1067 [Staphylococcus aureus subsp. aureus Mu50]	gi 15924057 ref NP_371591.1	9915,09	7	357	100	288	100	100
I6	3	Pur Q	phosphoribosylformylglycin amidine synthase [Staphylococcus aureus subsp. aureus D139]	gi 282916318 ref ZP_06324080.1	9959,12	4	85	100	52	100	70

I7	1	SAC OL2 532	acetyltransf erase [ <i>Staphyloco ccus aureus</i> subsp. aureus TCH130]	gi 2537340 47 ref ZP_ 04868212.1 	10504, 16	8	286	100	189	100	81
I8	1	GcvP B	glycine dehydrogen ase subunit 2 [ <i>Staphyloco ccus aureus</i> subsp. aureus COL]	gi 5765192 9 ref YP_1 86433.1	54746, 78	15	378	100	293	100	32
A2	1	RpsF	rpsF gene product [ <i>Staphyloco ccus aureus</i> subsp. aureus ED133]	gi 3845466 52 ref YP_ 005735905. 1	10808, 56	6	219	100	164	100	81
A3	1	SucD	sucD gene product [ <i>Staphyloco ccus aureus</i> subsp. aureus JKD6159]	gi 3845500 03 ref YP_ 005739255. 1	31564, 31	11	288	100	209	100	43
A4	1	FtnA	ferritins family protein [ <i>Staphyloco ccus aureus</i> A9635]	gi 2584229 70 ref ZP_ 05685869.1 	19590, 30	12	557	100	441	100	54
A5	1	RplJ	rplJ gene product [ <i>Staphyloco ccus aureus</i> subsp. aureus MSSA476]	gi 4948540 4 ref YP_0 42625.1	17672, 19	11	673	100	562	100	79
A6	1	FabF	fabF gene product [ <i>Staphyloco ccus aureus</i> subsp.	gi 3868305 26 ref YP_ 006237180. 1	43757, 81	15	484	100	368	100	61

			aureus HO 5096 0412]								
A7	1	FabF	fabF gene product [ <i>Staphyloco ccus aureus</i> subsp. aureus MRSA252]	gi 4948314 5 ref YP_0 40369.1	43696, 81	15	460	100	346	100	55
A8	1	RplL	50S ribosomal protein L7/L12 [ <i>Staphyloco ccus aureus</i> subsp. aureus Mu50]	gi 1592353 0 ref NP_3 71064.1	12703, 75	4	149	100	118	100	54
A9	1	SAC OL2 379	hypothetica l protein SAOUHSC_0 2665 [ <i>Staphyloco ccus aureus</i> subsp. aureus NCTC 8325]	gi 8819630 5 ref YP_5 01127.1	15904, 07	9	570	100	483	100	66
A10	1	Fem B	FemB protein [ <i>Staphyloco ccus aureus</i> subsp. aureus Mu50]	gi 1592436 5 ref NP_3 71899.1	49644, 55	15	518	100	412	100	45
A11	1	RpsA	30S ribosomal protein S1 [ <i>Staphyloco ccus aureus</i> subsp. aureus ATCC 51811]	gi 2972078 65 ref ZP_ 06924298.1 	43275, 13	16	749	100	624	100	64

A12	1	Tuf	translation elongation factor Tu [Staphylococcus aureus A9635]	gi 258422605 ref ZP_05685511.1	43076,64	21	687	100	497	100	71
A13	1	IleS	isoleucine-tRNA ligase [Staphylococcus aureus subsp. aureus MN8]	gi 297591363 ref ZP_06950001.1	105206,00	21	347	100	233	100	35
A14	1	IleS	isoleucyl-tRNA synthetase [Staphylococcus aureus A9754]	gi 294848186 ref ZP_06788933.1	104747,73	20	291	100	188	100	29
A15	1	GlnA	glutamine-ammonia ligase [Staphylococcus aureus subsp. aureus MW2]	gi 21282921 ref NP_646009.1	50808,40	23	328	100	141	100	51
A17	1	PepF	oligoendopeptidase F [Staphylococcus aureus subsp. aureus 21318]	gi 334272746 gb EGL91104.1	69747,66	29	551	100	301	100	45
A18	1	Pyk	pyruvate kinase [Staphylococcus aureus RF122]	gi 82751285 ref YP_417026.1	63077,09	24	612	100	422	100	56
A19	1	KatA	catalase [Staphylococcus aureus subsp. aureus S0385]	gi 283470549 emb CAQ49760.1	58347,20	24	555	100	346	100	53

A20	1	KatA	katA gene product [ <i>Staphylococcus aureus</i> subsp. aureus 11819-97]	gi 385781563 ref YP_005757734.1	58342, 22	15	410	100	312	100	42
A23	1	Met E	5-methyltetrahydropteroyl triglutamate-homocysteine S-methyltransferase [ <i>Staphylococcus aureus</i> subsp. aureus 65-1322]	gi 257427169 ref ZP_05603571.1	85035, 21	30	713	100	478	100	42
A24	1	Met E	5-methyltetrahydropteroyl triglutamate-homocysteine S-methyltransferase [ <i>Staphylococcus aureus</i> subsp. aureus 65-1322]	gi 257427169 ref ZP_05603571.1	85035, 21	30	593	100	360	100	42
B1	1	AspS	aspartyl-tRNA synthetase [ <i>Staphylococcus aureus</i> subsp. aureus NCTC 8325]	gi 88195441 ref YP_500245.1	66587, 07	31	1100	100	814	100	62

B2	1	Pyc	pyruvate carboxylase [Staphylococcus aureus subsp. aureus CIGC341D]	gi 377762219 gb EHT86088.1	128435,46	41	949	100	619	100	43
B3	1	SAC OLO 426	acetyl-CoA acetyltransferase [Staphylococcus aureus subsp. aureus COL]	gi 57652614 ref YP_185317.1	41649,41	11	359	100	291	100	37
B1	1	GlyA	serine hydroxymethyltransferase [Staphylococcus aureus RF122]	gi 82751714 ref YP_417455.1	45213,17	22	854	100	661	100	43
B2	1	KatA	katA gene product [Staphylococcus aureus subsp. aureus 11819-97]	gi 385781563 ref YP_005757734.1	58342,22	17	409	100	289	100	42

**Table S1** Mass spectrometry data for identified proteins.