

Supplemental table. List of surface-exposed proteins as predicted by *in silico* analysis.

Locus Name	Putative product name	Protein size (amino acid)	Motif	No. of antigenic determinants
SE2395	Ser-Asp rich fibrinogen-binding, bone sialoprotein-binding protein	1633	LPXTG	50
SE0175	accumulation-associated protein	1469	LPXTG	35
SE0331	Ser-Asp rich fibrinogen-binding, bone sialoprotein-binding protein	1056	LPXTG	29
SE1500	hypothetical protein	1012	LPXTG	40
SE0828	lipoprotein VsaC	827	LPXTG	31
SE1238	penicillin-binding protein 3	696	PBD	21
SE2232	conserved hypothetical protein	676	LPXTG	20
SE1106	ABC transporter _membrane spanning protein	564	Lipobox	16
SE0684	peptide binding protein OppA	547	Lipobox	19
SE1981	nickel ABC transporter nickel-binding protein	491	Lipobox	18
SE1511	protoporphyrinogen oxidase	482	PBD	22
SE1501	hypothetical protein	415	LPXTG	11
SE1588	conserved hypothetical protein	402	Lipobox	13
SE2212	conserved hypothetical protein	388	Lipobox	16
SE0800	potD protein	357	Lipobox	12
SE1628	hypothetical protein	357	LPXTG	8
SE0424	lipase LipA	349	PBD	12
SE0518	ferrichrome ABC transporter	347	Lipobox	12
SE1768	ferrichrome ABC transporter	334	Lipobox	10
SE0193	Zn-binding lipoprotein adcA	331	Lipobox	11
SE1521	prsA	325	Lipobox	10
SE1070	thioredoxine reductase	325	Lipobox	9
SE0167	periplasmic-iron-binding protein BitC	324	Lipobox	14
SE2319	autolysin _N-acetylmuramoyl-L-alanine amidase	324	PBD	10
SE0224	glycine betaine_carnitine_choline ABC transporter _osmoprotec_ opuCC	319	Lipobox	12
SE0391	conserved hypothetical protein	317	Lipobox	12
SE0405	lipoprotein	309	Lipobox	10
SE2157	conserved hypothetical protein	307	Lipobox	13
SE2222	conserved hypothetical protein	304	Lipobox	11
SE2223	conserved hypothetical protein	300	Lipobox	11
SE0149	hypothetical protein	300	Lipobox	9
SE0522	conserved hypothetical protein	296	Lipobox	8
SE0383	iron-binding protein	295	Lipobox	9
SE1608	beta-lactamase	281	Lipobox	11
SE2320	lactococcal lipoprotein	281	Lipobox	11
SE0602	conserved hypothetical protein	270	Lipobox	11
SE1920	conserved hypothetical protein	267	Lipobox	9
SE0537	conserved hypothetical protein	266	PBD	7
SE1993	ABC transporter _periplasmic amino acid-binding protein_	262	Lipobox	7
SE0142	conserved hypothetical protein	261	Lipobox	9

SE1852	modA protein	261	Lipobox	8
SE0145	conserved hypothetical protein	253	Lipobox	8
SE1480	sortase	253	PBD	7
SE0144	conserved hypothetical protein	251	Lipobox	7
SE0581	phage-related protein	248	Lipobox	7
SE0034	conserved hypothetical protein	227	Lipobox	9
SE1947	TpgX protein	215	Lipobox	7
SE0790	conserved hypothetical protein	208	Lipobox	7
SE2360	conserved hypothetical protein	207	Lipobox	5
SE2152	hypothetical protein	196	LPXTG	7
SE1215	conserved hypothetical protein	192	Lipobox	7
SE2342	conserved hypothetical protein	184	Lipobox	8
SE0569	conserved hypothetical protein	180	Lipobox	6
SE2221	conserved hypothetical protein	166	Lipobox	3
SE0467	conserved hypothetical protein	156	Lipobox	5
SE2029	conserved hypothetical protein	155	Lipobox	5
SE0481	conserved hypothetical protein	145	Lipobox	4
SE0447	conserved hypothetical protein	140	Lipobox	5
SE2399	hypothetical protein	133	Lipobox	6
SE0186	conserved hypothetical protein	132	Lipobox	4
SE1988	conserved hypothetical protein	122	Lipobox	4
SE0082	conserved hypothetical protein	117	Lipobox	5
SE1963	conserved hypothetical protein	116	Lipobox	4
SE1023	conserved hypothetical protein	77	Lipobox	1
