

**Supplementary Table 4. Proteins predicted to use a type II signal peptide for export.**

<b>PAID</b>	<b>Gene</b>	<b>Protein</b>
PA0028		hypothetical protein
PA0042		hypothetical protein
PA0045		hypothetical protein
PA0046		hypothetical protein
PA0061		hypothetical protein
PA0062		hypothetical protein
PA0070		hypothetical protein
PA0080		hypothetical protein
PA0126		hypothetical protein
PA0127		hypothetical protein
PA0156		probable RND efflux membrane fusion protein precursor
PA0157		probable RND efflux membrane fusion protein precursor
PA0277		conserved hypothetical protein
PA0425	<i>mexA</i>	RND multidrug efflux membrane fusion protein MexA precursor
PA0427	<i>oprM</i>	outer membrane protein OprM precursor
PA0488		conserved hypothetical protein
PA0516	<i>nirF</i>	heme d1 biosynthesis protein NirF
PA0537		conserved hypothetical protein
PA0541		hypothetical protein
PA0553		hypothetical protein
PA0554		hypothetical protein
PA0556		hypothetical protein
PA0585		hypothetical protein
PA0631		hypothetical protein
PA0685		probable type II secretion system protein
PA0699		probable peptidyl-prolyl cis-trans isomerase, PpiC-type
PA0737		hypothetical protein
PA0776		hypothetical protein
PA0778	<i>icp</i>	inhibitor of cystein peptidase Icp
PA0833		hypothetical protein
PA0867		hypothetical protein
PA0925		hypothetical protein
PA0953		probable thioredoxin
PA0955		hypothetical protein
PA0973	<i>oprL</i>	outer membrane protein OprL precursor
PA1011		hypothetical protein
PA1032		probable penicillin amidase
PA1035		hypothetical protein
PA1041		probable outer membrane protein precursor
PA1048		probable outer membrane protein precursor
PA1053		conserved hypothetical protein
PA1064		hypothetical protein
PA1083	<i>flgH</i>	flagellar L-ring protein precursor FlgH
PA1119		probable outer membrane protein precursor
PA1198		conserved hypothetical protein
PA1199		probable lipoprotein
PA1222		probable membrane-bound lytic murein transglycolase A
PA1228		hypothetical protein
PA1231		conserved hypothetical protein
PA1238		probable outer membrane component of multidrug efflux pump

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PA1263		hypothetical protein
PA1324		hypothetical protein
PA1333		hypothetical protein
PA1373	<i>fabF2</i>	3-oxoacyl-acyl carrier protein synthase II
PA1382		probable type II secretion system protein
PA1395		hypothetical protein
PA1398		hypothetical protein
PA1465		hypothetical protein
PA1592		hypothetical protein
PA1641		hypothetical protein
PA1664		hypothetical protein
PA1666		hypothetical protein
PA1723	<i>pscJ</i>	type III export protein PscJ
PA1745		hypothetical protein
PA1797		hypothetical protein
PA1812	<i>mltD</i>	membrane-bound lytic murein transglycosylase D precursor
PA1864		probable transcriptional regulator
PA1888		hypothetical protein
PA1965		hypothetical protein
PA1969		hypothetical protein
PA1970		hypothetical protein
PA2019		RND multidrug efflux membrane fusion protein precursor
PA2137		hypothetical protein
PA2205		hypothetical protein
PA2218		hypothetical protein
PA2225		hypothetical protein
PA2228		hypothetical protein
PA2234		probable exopolysaccharide transporter
PA2321		gluconokinase
PA2364		hypothetical protein
PA2391	<i>opmQ</i>	probable outer membrane protein precursor
PA2414		L-sorbose dehydrogenase
PA2416	<i>treA</i>	periplasmic trehalase precursor
PA2453		hypothetical protein
PA2493	<i>mexE</i>	RND multidrug efflux membrane fusion protein MexE precursor
PA2495	<i>oprN</i>	outer membrane protein OprN precursor
PA2525		probable outer membrane lipoprotein precursor
PA2559		hypothetical protein
PA2581		hypothetical protein
PA2695		conserved hypothetical protein
PA2724		hypothetical protein
PA2756		hypothetical protein
PA2759		hypothetical protein
PA2793		hypothetical protein
PA2837		probable outer membrane protein precursor
PA2853	<i>oprI</i>	outer membrane lipoprotein OprI precursor
PA2900		probable outer membrane protein precursor
PA2901		hypothetical protein
PA2955		hypothetical protein
PA2993		conserved hypothetical protein

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<b>PAID</b>	<b>Gene</b>	<b>Protein</b>
PA3031		hypothetical protein
PA3044		probable two-component sensor
PA3062	<i>pelC</i>	hypothetical protein
PA3214		hypothetical protein
PA3262		probable peptidyl-prolyl cis-trans isomerase, FkbP-type
PA3289		hypothetical protein
PA3291		hypothetical protein
PA3317		hypothetical protein
PA3328		probable FAD-dependent monooxygenase
PA3396	<i>nosL</i>	NosL protein
PA3399		hypothetical protein
PA3452	<i>mqaA</i>	malate:quinone oxidoreductase
PA3483		hypothetical protein
PA3485		hypothetical protein
PA3521		probable outer membrane protein precursor
PA3523		probable RND efflux membrane fusion protein precursor
PA3543	<i>algK</i>	alginate biosynthetic protein AlgK precursor
PA3623		conserved hypothetical protein
PA3661		hypothetical protein
PA3674		hypothetical protein
PA3677		probable RND efflux membrane fusion protein precursor
PA3691		hypothetical protein
PA3692		probable outer membrane protein precursor
PA3695		hypothetical protein
PA3698		hypothetical protein
PA3716		hypothetical protein
PA3800		conserved hypothetical protein
PA3805	<i>pilF</i>	type 4 fimbrial biogenesis protein PilF
PA3894		probable outer membrane protein precursor
PA3962		hypothetical protein
PA3969		conserved hypothetical protein
PA3988		hypothetical protein
PA4000		hypothetical protein
PA4016		hypothetical protein
PA4058		hypothetical protein
PA4065		hypothetical protein
PA4208	<i>opmD</i>	probable outer membrane protein precursor
PA4299		hypothetical protein
PA4326		hypothetical protein
PA4327		hypothetical protein
PA4337		hypothetical protein
PA4367		conserved hypothetical protein
PA4370		outer membrane metalloproteinase precursor
PA4371		hypothetical protein
PA4372		hypothetical protein
PA4423		conserved hypothetical protein
PA4426		conserved hypothetical protein
PA4444	<i>mltBI</i>	soluble and membrane-bound lytic transglycosylases
PA4485		conserved hypothetical protein
PA4545	<i>comL</i>	competence protein ComL

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PA4586		hypothetical protein
PA4597	<i>oprJ</i>	outer membrane protein OprJ precursor
PA4599	<i>mexC</i>	RND multidrug efflux membrane fusion protein MexC precursor
PA4632		hypothetical protein
PA4639		hypothetical protein
PA4667		hypothetical protein
PA4668		probable lipoprotein localization protein LolB
PA4699		hypothetical protein
PA4705		hypothetical protein
PA4718		hypothetical protein
PA4765	<i>omlA</i>	outer membrane lipoprotein OmlA
PA4782		hypothetical protein
PA4791		hypothetical protein
PA4792		conserved hypothetical protein
PA4793		hypothetical protein
PA4876	<i>osmE</i>	osmotically inducible lipoprotein OsmE
PA4924		conserved hypothetical protein
PA4963		hypothetical protein
PA4972		hypothetical protein
PA5041	<i>pilP</i>	type 4 fimbrial biogenesis protein PilP
PA5047		hypothetical protein
PA5107	<i>blc</i>	outer membrane lipoprotein Blc
PA5108		hypothetical protein
PA5206	<i>argE</i>	acetylornithine deacetylase
PA5276	<i>lppL</i>	lipopeptide LppL precursor
PA5310		conserved hypothetical protein
PA5328		probable cytochrome c(mono-heme type)
PA5340		hypothetical protein
PA5382		probable transcriptional regulator
PA5404		hypothetical protein
PA5405		hypothetical protein
PA5414		hypothetical protein
PA5485		conserved hypothetical protein
PA5502		hypothetical protein
PA5526		hypothetical protein