

Additional file 1 :

Table 3 Complete ABC system inventories of *Burkholderia pseudomallei* K96243 and *Burkholderia mallei* ATCC 23344

#	Family	Subfamily	Substrate	Function	Type	<i>B. pseudomallei</i>	<i>B. mallei</i>	Comments
1	ART	ARE	Unknown	MLS antibiotic resistance	ABC2	BPSL0375	BMA0092	
2	ART	REG	Unknown	Unknown	ABC2	BPSL1068	BMA2207	
3	ART	REG	Unknown	Unknown	ABC2	BPSL1548	BMA1308	
4	ART	REG	Unknown	Unknown	ABC2	BPSL2176	BMA1572	
5	ART	REG	Unknown	Unknown	ABC2	BPSL3067	BMAA0510	On ≠ chromosomes
6	CLS		Capsular polysaccharide		ABC	BPSL2804 (<i>wzt2</i>)	BMA2304	
	CLS		Capsular polysaccharide		IM	BPSL2805 (<i>wzm2</i>)	BMA2305	
	CLS		Capsular polysaccharide		MPA	BPSL2806 (<i>wcbD</i>)		
	CLS		Capsular polysaccharide		OMA	BPSL2807 (<i>wcbC</i>)	BMA2307	
7	CLS		Lipopolysaccharide		ABC	BPSL2681 (<i>wzt</i>)	BMA1985	
	CLS		Lipopolysaccharide		IM	BPSL2682 (<i>wzm</i>)	BMA1986	
8	DLM		D L Methionine		BP	BPSL2501	BMA0412	
	DLM		D L Methionine		IM	BPSL2502	BMA0413	
	DLM		D L Methionine		ABC	BPSL2503	BMA0414	
	DLM		D L Methionine		BP	BPSL0466	BMA3183	
	DLM		D L Methionine		BP	BPSS0266	BMAA1501	
9	DLM		D L Methionine		BP	BPSS0313	BMAA1441	
	DLM		D L Methionine		ABC	BPSS0315	BMAA1439	
	DLM		D L Methionine		IM	BPSS0316	BMAA1438	
10	DPL	HLY	Hemolysin		OMP	BPSL1660		
	DPL	HLY	Hemolysin		IM-ABC	BPSL1664		
	DPL	HLY	Hemolysin		MFP	BPSL1665		
11	DPL	HLY	Hemolysin		MFP	BPSL3092	BMA2820	
	DPL	HLY	Hemolysin		IM-ABC	BPSL3093	BMA2821	
	DPL	HLY	Hemolysin		OMP	BPSL3094	BMA2822	
12	DPL	HLY	Hemolysin		MFP	BPSS1283	BMAA1002	
	DPL	HLY	Hemolysin		IM-ABC	BPSS1285	BMAA1000	
	DPL	HLY	Hemolysin		OMP	BPSS1287	BMAA0997	
13	DPL	HMT	Fe/S cluster precursors		IM-ABC	BPSL0655	BMA0204	
14	DPL	HMT	Fe/S cluster precursors		IM-ABC	BPSL1797		No BM homologue
15	DPL	HMT	Fe/S cluster precursors		IM-ABC	BPSS2259	BMAA1994	BM C-term longer & ≠
16	DPL	HMT	Unknown		IM-ABC	BPSL2409	BMA0567	BP N-term ≠
17	DPL	HMT	Unknown		IM-ABC	BPSS1862	BMAA0233	
18	DPL	LAE	Malleobactin		IM-ABC	BPSL1779 (<i>mbaE</i>)	BMA1183	BP N-term ≠
19	DPL	LIP	Lipid A		ENZ	BPSL0878	BMA1912	
	DPL	LIP	Lipid A		IM-ABC	BPSL1118	BMA2273	

Additional file 1 :

Table 3 Complete ABC system inventories of *Burkholderia pseudomallei* K96243 and *Burkholderia mallei* ATCC 23344

#	Family	Subfamily	Substrate	Function	Type	<i>B. pseudomallei</i>	<i>B. mallei</i>	Comments
20	DPL	SID	Pyochelin?		IM-ABC	BPSS0589		
	DPL	SID	Pyochelin?		IM-ABC	BPSS0590		
21	DRA	DRR	Unknown	Drug resistance	IM	BPSL0478	BMA3151	
	DRA	DRR	Unknown	Drug resistance	ABC	BPSL0479	BMA3152	
22	DRA	DRR	Unknown	Drug resistance	IM	BPSL3143	BMA2718	
	DRA	DRR	Unknown	Drug resistance	ABC	BPSL3144	BMA2719	
23	DRA	NOD	Unknown	Nodulation?	ABC	BPSL1844	BMA1218	
	DRA	NOD	Unknown	Nodulation?	IM	BPSL1845	BMA1219	
24	DRI	DRB	Unknown	Drug resistance	ABC	BPSL1609	BMA0997	
	DRI	DRB	Unknown	Drug resistance	IM	BPSL1610	BMA0998	
25	DRI	NOS	Unknown	Nitric oxide reduction	IM	BPSL1604	BMA0992	
	DRI	NOS	Unknown	Nitric oxide reduction	ABC	BPSL1605	BMA0993	
	DRI	NOS	Unknown	Nitric oxide reduction	SS	BPSL1606	BMA0994	
26	DRI	YHIH	Unknown	Drug resistance	MFP	BPSS1937		BM pseudogene
	DRI	YHIH	Unknown	Drug resistance	ABC2-IM	BPSS1938	BMAA0139	
	DRI	YHIH	Unknown	Drug resistance	IM	BPSS1939	BMAA0138	
27	DPL	FAE	Unknown	Toxin export	IM-ABC	BPSL3155	BMA2731	
28	HAA		Amides and urea		BP	BPSL2651	BMA2176	
	HAA		Amides and urea		IM	BPSL2652	BMA2177	
	HAA		Amides and urea		IM	BPSL2653	BMA2178	
	HAA		Amides and urea		ABC	BPSL2654	BMA2179	
	HAA		Amides and urea		ABC	BPSL2655	BMA2180	
29	HAA		Branched-chain amino acids		ABC	BPSL0046	BMA2669	
	HAA		Branched-chain amino acids		ABC	BPSL0047	BMA2668	
	HAA		Branched-chain amino acids		IM	BPSL0048	BMA2667	
	HAA		Branched-chain amino acids		IM	BPSL0049	BMA2665	
	HAA		Branched-chain amino acids		BP	BPSL0050	BMA2666	
30	HAA		Branched-chain amino acids		IM	BPSL0920	BMA1973	
	HAA		Branched-chain amino acids		IM	BPSL0921	BMA1972	
	HAA		Branched-chain amino acids		ABC	BPSL0922	BMA1971	
	HAA		Branched-chain amino acids		ABC	BPSL0923	BMA1970	
	HAA		Branched-chain amino acids		BP	BPSL1205	BMA1836	
	HAA		Branched-chain amino acids		BP	BPSL1751	BMA1153	
31	HAA		Branched-chain amino acids		ABC	BPSL1998	BMA0907	
	HAA		Branched-chain amino acids		IM-ABC	BPSL1999	BMA0908	
	HAA		Branched-chain amino acids		IM	BPSL2000	BMA0909	

Additional file 1 :

Table 3 Complete ABC system inventories of *Burkholderia pseudomallei* K96243 and *Burkholderia mallei* ATCC 23344

#	Family	Subfamily	Substrate	Function	Type	<i>B. pseudomallei</i>	<i>B. mallei</i>	Comments
	HAA		Branched-chain amino acids		BP	BPSL2404	BMA0572	
	HAA		Branched-chain amino acids		BP	BPSL3284	BMA2901	
	HAA		Branched-chain amino acids		BP	BPSL3388	BMA2966	
32	HAA		Branched-chain amino acids		ABC	BPSL3409	BMA2943	
	HAA		Branched-chain amino acids		IM-ABC	BPSL3410	BMA2942	
	HAA		Branched-chain amino acids		IM	BPSL3411	BMA2941	
	HAA		Branched-chain amino acids		BP	BPSL3412	BMA2940	
33	HAA		Branched-chain amino acids		IM	BPSL3414	BMA2938	
	HAA		Branched-chain amino acids		IM	BPSL3415	BMA2937	
	HAA		Branched-chain amino acids		BP	BPSL3416	BMA2936	
	HAA		Branched-chain amino acids		ABC	BPSL3417	BMA2935	BM N term truncated
	HAA		Branched-chain amino acids		ABC	BPSL3418	BMA2934	
34	HAA		Branched-chain amino acids		BP	BPSS0575		
	HAA		Branched-chain amino acids		IM	BPSS0576		
	HAA		Branched-chain amino acids		IM	BPSS0577		
	HAA		Branched-chain amino acids		ABC	BPSS0578		
	HAA		Branched-chain amino acids		ABC	BPSS0579		
	HAA		Branched-chain amino acids		BP	BPSS0802	BMAA0660	
35	ISB		Unknown	Fe/S centre biogenesis	CYT	BPSL2369		BM pseudogene
	ISB		Unknown	Fe/S centre biogenesis	ABC	BPSL2370	BMA0612	
	ISB		Unknown	Fe/S centre biogenesis	CYT	BPSL2371	BMA0611	
36	ISVH		Fe(III)-pyochelin		OMR	BPSS0591		No BM homologue
	ISVH		Ferric citrate or Ornibactin		BP	BPSL1781	BMA1185	
	ISVH		Ferric citrate or Ornibactin		IM	BPSL1783	BMA1187	
	ISVH		Ferric citrate or Ornibactin		ABC	BPSL1784	BMA1188	
37	ISVH		Hemin		IM	BPSL2721	BMA2033	
	ISVH		Hemin		BP	BPSL2722		BM pseudogene
	ISVH		Hemin		ABC	BPSL2723	BMA2035	
	ISVH		Hemin		OMR	BPSL2724	BMA2036	
38	ISVH		Hemin		ABC	BPSS0240	BMAA1830	
	ISVH		Hemin		IM	BPSS0241	BMAA1829	
	ISVH		Hemin		BP	BPSS0242	BMAA1828	
	ISVH		Hemin		OMR	BPSS0244	BMAA1826	
	ISVH		Hemin		OMR	BPSS1742	BMAA0427	Annotated copper
	ISVH		Malleobactin		OMR	BPSL1775 (<i>fmtA</i>)	BMA1178	
	ISVH		Siderophore		OMR	BPSS1029	BMAA1180	

Additional file 1 :

Table 3 Complete ABC system inventories of *Burkholderia pseudomallei* K96243 and *Burkholderia mallei* ATCC 23344

#	Family	Subfamily	Substrate	Function	Type	<i>B. pseudomallei</i>	<i>B. mallei</i>	Comments
		ISVH	Siderophore		OMR	BPSS1204		No BM homologue
		ISVH	Siderophore		OMR	BPSS1850	BMAA0251	
39		ISVH	Vitamin B-12		OMR	BPSL0976	BMA0685	
		ISVH	Vitamin B-12		IM	BPSL0977	BMA0686	
		ISVH	Vitamin B-12		ABC	BPSL0978	BMA0687	
		ISVH	Vitamin B-12		BP	BPSL0983	BMA0693	
		ISVH	Vitamin B-12		OMR	BPSL2553	BMA0477	
40		MET	Metallic cation		IM	BPSL0822	BMA0326	
		MET	Metallic cation		ABC	BPSL0823	BMA0327	
		MET	Metallic cation		BP	BPSL0824	BMA0328	
41		MKL	Unknown		IM	BPSL0401	BMA0066	
		MKL	Unknown		ABC	BPSL0402	BMA0065	
		MKL	Unknown		SS	BPSL0403	BMA0064	
42		MKL	Unknown		SS	BPSL3146	BMA2722	
		MKL	Unknown		SS	BPSL3148	BMA2724	
		MKL	Unknown		IM	BPSL3149	BMA2726	
		MKL	Unknown		ABC	BPSL3150	BMA2725	
		MKL	Unknown		SS	BPSS2316	BMAA2076	
43		MOI	2-aminoethylphosphonate		BP	BPSS0344	BMAA0855	
		MOI	2-aminoethylphosphonate		ABC	BPSS0345	BMAA0856	
		MOI	2-aminoethylphosphonate		IM	BPSS0346	BMAA0857	
		MOI	2-aminoethylphosphonate		IM	BPSS0347	BMAA0858	BM in-frame insertion
44		MOI	Iron (III)		ABC	BPSL1276	BMA1779	
		MOI	Iron (III)		IM2	BPSL1277	BMA1778	
		MOI	Iron (III)		BP	BPSL1278	BMA1777	
45		MOI	Iron (III)		ABC	BPSL1300	BMA3076	
		MOI	Iron (III)		IM	BPSL1301	BMA3075	BM C-term ≠
		MOI	Iron (III)		IM	BPSL1302	BMA3072	
		MOI	Iron (III)		BP	BPSL1303	BMA3071	
46		MOI	Iron (III)		ABC	BPSS0702	BMAA1130	
		MOI	Iron (III)		IM	BPSS0703		BM pseudogene
		MOI	Iron (III)		BP	BPSS0704	BMAA1128	
47		MOI	Mineral or organic ion or Iron		IM	BPSS0247	BMAA1822	
		MOI	Mineral or organic ion or Iron		ABC	BPSS0248	BMAA1821	
		MOI	Mineral or organic ion or Iron		BP	BPSS0249	BMAA1820	
		MOI	Mineral or organic ion or Iron		IM	BPSS0250	BMAA1819	

Additional file 1 :

Table 3 Complete ABC system inventories of *Burkholderia pseudomallei* K96243 and *Burkholderia mallei* ATCC 23344

#	Family	Subfamily	Substrate	Function	Type	<i>B. pseudomallei</i>	<i>B. mallei</i>	Comments
48	MOI		Molybdate		BP	BPSL2726	BMA2039	
	MOI		Molybdate		BP	BPSS1786	BMAA0299	
	MOI		Molybdate		IM	BPSS1787	BMAA0298	
	MOI		Molybdate		ABC	BPSS1788	BMAA0297	
49	MOI		Phosphate		BP	BPSL1359	BMA0780	
	MOI		Phosphate		IM	BPSL1360	BMA0781	
	MOI		Phosphate		IM	BPSL1361	BMA0782	
	MOI		Phosphate		ABC	BPSL1362	BMA0783	
50	MOI		Polyamines		BP	BPSL1649		Present on genomic island 8 in BP
	MOI		Polyamines		IM	BPSL1650		
	MOI		Polyamines		IM	BPSL1651		
	MOI		Polyamines		ABC	BPSL1652		
51	MOI		Polyamines		IM	BPSS0075		
	MOI		Polyamines		IM	BPSS0076		
	MOI		Polyamines		BP	BPSS0077		
52	MOI		Polyamines		IM	BPSS0464		
	MOI		Polyamines		IM	BPSS0465		
	MOI		Polyamines		ABC	BPSS0466		
	MOI		Polyamines		BP	BPSS0467		
53	MOI		Polyamines		IM	BPSS1735		BM pseudogene
	MOI		Polyamines		IM	BPSS1736	BMAA0433	
	MOI		Polyamines		ABC	BPSS1737	BMAA0432	
	MOI		Polyamines		BP	BPSS1738	BMAA0431	
54	MOI		Polyamines		BP	BPSL1555	BMA1301	
	MOI		Polyamines		ABC	BPSL1556	BMA1300	
	MOI		Polyamines		IM	BPSL1557	BMA1299	
	MOI		Polyamines		IM	BPSL1558	BMA1298	
	MOI		Polyamines		BP	BPSL0108	BMA0123	
55	MOI		Thiosulfate/sulfate		BP	BPSL0352		No BM homologue
	MOI		Thiosulfate/sulfate		ABC	BPSL1836	BMA1206	
	MOI		Thiosulfate/sulfate		IM	BPSL1837	BMA1207	
	MOI		Thiosulfate/sulfate		IM	BPSL1838	BMA1208	
	MOI		Thiosulfate/sulfate		BP	BPSL1839	BMA1209	
56	MOS		Arabinose		IM	BPSL2966 (<i>araH</i>)	BMA2484	
	MOS		Arabinose		ABC2	BPSL2967 (<i>araG</i>)	BMA2485	
	MOS		Arabinose		BP	BPSL2968 (<i>araF</i>)	BMA2486	

Additional file 1 :

Table 3 Complete ABC system inventories of *Burkholderia pseudomallei* K96243 and *Burkholderia mallei* ATCC 23344

#	Family	Subfamily	Substrate	Function	Type	<i>B. pseudomallei</i>	<i>B. mallei</i>	Comments
57	MOS		Arabinose		BP	BPSS1220	BMAA1057	
	MOS		Monosaccharide		BP	BPSL1991	BMA0916	
	MOS		Monosaccharide		IM	BPSL1992	BMA0915	
	MOS		Monosaccharide		ABC	BPSL1993	BMA0914	
58	MOS		Monosaccharide		BP	BPSS0140		
	MOS		Monosaccharide		IM	BPSS0141		
	MOS		Monosaccharide		ABC2	BPSS0142		
59	MOS		Monosaccharide		BP	BPSS0786	BMAA0637	
	MOS		Monosaccharide		ABC2	BPSS0787	BMAA0638	
	MOS		Monosaccharide		IM	BPSS0788	BMAA0639	
60	MOS		Monosaccharide		IM	BPSS1030	BMAA1179	
	MOS		Monosaccharide		IM	BPSS1031		
	MOS		Monosaccharide		ABC2	BPSS1032		
	MOS		Monosaccharide		BP	BPSS1033		
61	MOS		Monosaccharide		ABC	BPSS2069		Present on genomic island 16 in BP
	MOS		Monosaccharide		IM	BPSS2070		
	MOS		Monosaccharide		BP	BPSS2071		
62	MOS		Ribose		IM	BPSL1791	BMA1196	
	MOS		Ribose		ABC2		BMA1197	
	MOS		Ribose		BP	BPSL1793	BMA1198	
63	MOS		Ribose		IM	BPSL1832		
	MOS		Ribose		ABC2	BPSL1833		
	MOS		Ribose		BP	BPSL1834		
64	MOS		Ribose		ABC	BPSS0255	BMAA1814	
	MOS		Ribose		IM	BPSS0256	BMAA1813	BM 31AA deletion
	MOS		Ribose		BP	BPSS0257	BMAA1812	
65	NEW1		Unknown	Unknown	BP	BPSL0467	BMA3140	
	NEW1		Unknown	Unknown	IM	BPSL0468	BMA3141	
	NEW1		Unknown	Unknown	ABC	BPSL0469	BMA3142	
66	NO	PHNK	Unknown	Unknown	ABC	BPSL2853	BMA2404	
67	NO	PHNL	Unknown	Unknown	ABC	BPSL2852	BMA2405	BM N term truncated
68	NO		Unknown	Unknown	IM	BPSL1545	BMA1310	
	NO		Unknown	Unknown	ABC	BPSL1546	BMA1311	
69	o228		Unknown	Unknown	ABC	BPSL1412	BMA1450	
70	o228		Unknown	Lipoprotein release	ABC	BPSL2276	BMA1695	
	o228		Unknown	Lipoprotein release	IM	BPSL2277	BMA1696	

Additional file 1 :

Table 3 Complete ABC system inventories of *Burkholderia pseudomallei* K96243 and *Burkholderia mallei* ATCC 23344

#	Family	Subfamily	Substrate	Function	Type	<i>B. pseudomallei</i>	<i>B. mallei</i>	Comments
71	o228		Unknown	Drug resistance	OMP	BPSS0623		
			Unknown	Drug resistance	ABC-IM	BPSS0624		
			Unknown	Drug resistance	MFP	BPSS0625		
72	o228		Unknown	Drug resistance	MFP	BPSS1930	BMAA0148	
			Unknown	Drug resistance	ABC	BPSS1931	BMAA0147	
			Unknown	Drug resistance	IM	BPSS1932	BMAA0146	
73	o228		Unknown	Unknown	IM	BPSS2324	BMAA2085	
			Unknown	Unknown	ABC	BPSS2325	BMAA2086	
74	OPN		Dipeptides		BP	BPSL0249	BMA3301	
			Dipeptides		IM	BPSL0250	BMA3302	
			Dipeptides		IM	BPSL0251		BM pseudogene
			Dipeptides		ABC	BPSL0252	BMA3304	
			Dipeptides		ABC	BPSL0253	BMA3305	
			Oligopeptides		BP	BPSL0376	BMA0091	
75	OPN		Oligopeptides		ABC2	BPSL2200	BMA1604	
			Oligopeptides		IM	BPSL2201	BMA1605	
			Oligopeptides		IM	BPSL2202	BMA1606	
			Oligopeptides		BP	BPSL2203	BMA1607	
76	OPN		Oligopeptides		ABC	BPSS0950	BMAA1278	
			Oligopeptides		ABC	BPSS0951	BMAA1277	
			Oligopeptides		IM	BPSS0952	BMAA1276	
			Oligopeptides		IM	BPSS0953	BMAA1275	
			Oligopeptides		BP	BPSS0954	BMAA1274	
77	OPN		Oligopeptides		IM	BPSS1304	BMAA0977	
			Oligopeptides		IM	BPSS1305	BMAA0976	
			Oligopeptides		BP	BPSS1306	BMAA0975	
			Oligopeptides		ABC2	BPSS1307	BMAA0974	
78	OPN		Oligopeptides		ABC	BPSS2137		No BM homologue
			Oligopeptides		ABC	BPSS2138	BMAA0354	
			Oligopeptides		IM	BPSS2139	BMAA0353	
			Oligopeptides		IM	BPSS2140	BMAA0352	
			Oligopeptides		BP	BPSS2141	BMAA0351	
			Oligopeptides		BP	BPSS0964	BMAA1261	
79	OSP		Glucose		ABC	BPSL2608	BMA2126	
			Glucose		IM	BPSL2609	BMA2127	
			Glucose		IM	BPSL2610	BMA2128	

Additional file 1 :

Table 3 Complete ABC system inventories of *Burkholderia pseudomallei* K96243 and *Burkholderia mallei* ATCC 23344

#	Family	Subfamily	Substrate	Function	Type	<i>B. pseudomallei</i>	<i>B. mallei</i>	Comments
80	OSP		Glucose		BP	BPSL2611	BMA2129	
	OSP		Glycerol-3-phosphate		ABC	BPSL3163	BMA2741	
	OSP		Glycerol-3-phosphate		IM	BPSL3164	BMA2742	
	OSP		Glycerol-3-phosphate		IM	BPSL3165	BMA2743	
81	OSP		Glycerol-3-phosphate		BP	BPSL3166	BMA2744	
	OSP		Mannitol/Arabitol/Glucitol		BP	BPSL0829	BMA0333	
	OSP		Mannitol/Arabitol/Glucitol		IM	BPSL0830	BMA0334	
	OSP		Mannitol/Arabitol/Glucitol		IM	BPSL0831	BMA0335	
82	OSP		Mannitol/Arabitol/Glucitol		ABC	BPSL0833	BMA0337	
	OSP		Oligosaccharide or polyol		BP	BPSS1232	BMAA1073	
	OSP		Oligosaccharide or polyol		IM	BPSS1233	BMAA1074	
	OSP		Oligosaccharide or polyol		IM	BPSS1234	BMAA1075	
83	OSP		Oligosaccharide or polyol		ABC	BPSS1236	BMAA1077	
	OSP		Oligosaccharide or polyol		IM	BPSS2082		Present on genomic island 16 in BP
	OSP		Oligosaccharide or polyol		IM	BPSS2083		
	OSP		Oligosaccharide or polyol		BP	BPSS2084		
OSP		Oligosaccharide or polyol		ABC	BPSS2085			
84	OTCN		Aliphatic sulfonates		BP	BPSL0036	BMA2680	
	OTCN		Aliphatic sulfonates		ABC	BPSL0037	BMA2679	
	OTCN		Aliphatic sulfonates		IM	BPSL0038	BMA2678	
85	OTCN		Aliphatic sulfonates		IM	BPSL1822		
	OTCN		Aliphatic sulfonates		ABC	BPSL1823		
	OTCN		Aliphatic sulfonates		BP	BPSL1824		
86	OTCN		Aliphatic sulfonates		ABC	BPSL1856	BMA1237	
	OTCN		Aliphatic sulfonates		IM	BPSL1857	BMA1238	
	OTCN		Aliphatic sulfonates		BP	BPSL1252		No BM homologue
	OTCN		Aliphatic sulfonates		BP	BPSS0928	BMAA1303	
87	OTCN		Choline		BP	BPSL1737	BMA1138	
	OTCN		Choline		IM	BPSL1738	BMA1139	
	OTCN		Choline		ABC	BPSL1739	BMA1140	
	OTCN		Choline		IM	BPSL1740	BMA1141	
88	OTCN		Glycine-Betaine Proline		BP	BPSS0556	BMAA0480	
	OTCN		Glycine-Betaine Proline		BP	BPSS0561	BMAA0485	
	OTCN		Glycine-Betaine Proline		BP	BPSS0566	BMAA0490	lipoprotein
	OTCN		Glycine-Betaine Proline		BP	BPSS1423	BMAA0567	
	OTCN		Glycine-Betaine Proline		IM	BPSS1425	BMAA0565	

Additional file 1 :

Table 3 Complete ABC system inventories of *Burkholderia pseudomallei* K96243 and *Burkholderia mallei* ATCC 23344

#	Family	Subfamily	Substrate	Function	Type	<i>B. pseudomallei</i>	<i>B. mallei</i>	Comments
		OTCN	Glycine-Betaine	Proline	ABC	BPSS1426	BMAA0564	
89		OTCN	Nitrate?		ABC	BPSL0712		
		OTCN	Nitrate?		IM2	BPSL0713		
90		OTCN	Nitrate?		IM2	BPSL1039	BMA0754	
		OTCN	Nitrate?		ABC	BPSL1040	BMA0755	
91		OTCN	Taurine		IM	BPSS1572	BMAA1580	
		OTCN	Taurine		ABC	BPSS1573	BMAA1581	
		OTCN	Taurine		BP	BPSS1574	BMAA1582	BM N term truncated
92		PAO	Cystine and diaminopimelic acid		BP	BPSL1867	BMA1254	
		PAO	Cystine and diaminopimelic acid		IM	BPSL1868	BMA1255	
93		PAO	Cystine and diaminopimelic acid		BP	BPSL2615	BMA2134	
		PAO	Cystine and diaminopimelic acid		IM	BPSL2616	BMA2135	
		PAO	Cystine and diaminopimelic acid		ABC	BPSL2617	BMA2136	
94		PAO	Cystine and diaminopimelic acid		BP	BPSS1670	BMAA1686	
		PAO	Cystine and diaminopimelic acid		IM-ABC	BPSS1671	BMAA1688	
		PAO	Cystine and diaminopimelic acid		BP	BPSS1674	BMAA1691	
95		PAO	Glutamate		ABC	BPSL2921	BMA2434	
		PAO	Glutamate		IM	BPSL2922	BMA2435	
		PAO	Glutamate		IM	BPSL2923	BMA2436	
		PAO	Glutamate		BP	BPSL2924	BMA2437	BM C term trunc ISBma1
		PAO	Glutamate		BP	BPSS0153	BMAA1934	
96		PAO	Glutamine		ABC	BPSS2335	BMAA2096	
		PAO	Glutamine		IM	BPSS2336	BMAA2097	
		PAO	Glutamine		BP	BPSS2337	BMAA2098	
97		PAO	Histidine		ABC	BPSL1030	BMA0744	
		PAO	Histidine		IM	BPSL1031	BMA0745	
		PAO	Histidine		IM	BPSL1032	BMA0746	
		PAO	Histidine		BP	BPSL1033	BMA0747	
98		PAO	Histidine		BP	BPSL2383	BMA0598	
		PAO	Histidine		ABC	BPSL2392	BMA0589	
		PAO	Histidine		IM	BPSL2393	BMA0588	
		PAO	Histidine		IM	BPSL2394		No BM homologue
		PAO	Histidine		BP	BPSL3383	BMA2972	
99		PAO	Histidine		BP	BPSS0269	BMAA1496	
		PAO	Histidine		IM	BPSS0981	BMAA1240	
		PAO	Histidine		IM	BPSS0982	BMAA1238	

Additional file 1 :

Table 3 Complete ABC system inventories of *Burkholderia pseudomallei* K96243 and *Burkholderia mallei* ATCC 23344

#	Family	Subfamily	Substrate	Function	Type	<i>B. pseudomallei</i>	<i>B. mallei</i>	Comments
	PAO		Histidine		ABC	BPSS0983	BMAA1239	
100	PAO		Polar amino acid		IM	BPSL1807		
	PAO		Polar amino acid		IM	BPSL1808		
	PAO		Polar amino acid		BP	BPSL1809		
101	PHN		Alkylphosphonates		IM	BPSL2848	BMA2407	
	PHN		Alkylphosphonates		BP	BPSL2849		BM pseudogene
	PHN		Alkylphosphonates		ABC	BPSL2850	BMA2409	
102	UVR		Unknown	DNA repair	ABC2	BPSL0545	BMA3095	
103	UVR		Unknown	DNA repair		BPSL2402	BMA0552	
104	UVR		Unknown	DNA repair		BPSS0356	BMAA0880	
105	UVR		Unknown	Unknown	ABC4	BPSS0058	BMAA0062	
106	YHBG		Unknown	Unknown	ABC	BPSL0534	BMA3107	
	YHBG		Unknown	Unknown	SS	BPSL0535	BMA3105	
	YHBG		Unknown	Unknown	SS	BPSL0536	BMA3104	
	YHBG		Unknown	Unknown	ENZ	BPSL0537	BMA3103	