

## 4 Supplementary Tables

**Table S1 – Prioritized drug targets by category**

Locus ID	Category	Gene name	Annotation	PDB ID
PA4848	1	accC	acetyl-CoA carboxylase biotin carboxylase subunit	2VQD_A
PA5163	1	rmlA	glucose-1-phosphate thymidyltransferase	1GIL_A
PA5243	1	hemB	delta-aminolevulinic acid dehydratase (EC:4.2.1.24)	1B4K_A
PA0593	2	pdxA	4-hydroxythreonine-4-phosphate dehydrogenase (EC:1.1.1.262)	1YXO_A
PA2011	2	liuE	hydroxymethylglutaryl-CoA lyase (EC:4.1.3.4)	2FTP_A
PA2666	2	queD	6-pyruvoyl tetrahydrobiopterin synthase	2OBA_A
PA3645	2	fabZ	(3R)-hydroxymyristoyl-ACP dehydratase	1U1Z_A
PA3652	2	uppS	undecaprenyl pyrophosphate synthetase	2H69_A
PA4366	2	sodB	superoxide dismutase	1DT0_A
PA5322	3	algC	phosphomannomutase AlgC	1P5D_X
PA3540	3	algD	GDP-mannose 6-dehydrogenase AlgD	1MUU_A
PA4211/PA1900	4	phzB1/phzB2	phenazine biosynthesis protein	3FF0_A
PA4213/PA1902	4	phzD1/phzD2	phenazine biosynthesis protein PhzD	1NF9_A
PA4209	4	phzM	putative phenazine-specific methyltransferase	2IP2_A
PA4217	4	phzS	hypothetical protein	3C96_A
PA1432	4	lasI	autoinducer synthesis protein LasI	1RO5_A
PA4406	1,4	lpxC	UDP-3-O-[3-hydroxymyristoyl] N-acetylglucosamine deacetylase	2VES_A
PA4425	1,4	gmhA	phosphoheptose isomerase	1X92_A
PA4216/PA1905	2,4	phzG1/phzG2	pyridoxamine 5'-phosphate oxidase	1T9M_A
PA1375	2,5	pdxB	erythronate-4-phosphate dehydrogenase	2O4C_A

### Category Explanations

Number	Description	References
1	Essential <i>in vivo</i> , Essential in silico	(3), (4), (5)
2	Essential <i>in vivo</i> , not essential in silico	(3), (4), (5)
3	Involved in Alginate Biosynthesis	(6)
4	Virulence Factors	(5)
5	Resistome	(2)