

### Supporting Table 1.

Protein abundance in *P. putida* KT2440 wild-type and  $\Delta ppk$  was estimated by frequency of MS/MS events (Spectral Count) for each protein associated with polyphosphate and glycerol at early (OD<sub>540</sub> 0.2), mid (OD<sub>540</sub> 0.6) and late log (OD<sub>540</sub> 1) stage of growth. A selection of ribosomal proteins are displayed to highlight that expression of these proteins is not affected by the *ppk* deletion

Protein IDs	Protein description	Spectral Counts					
		$\Delta ppk$ Log Growth Stage			Wild-type Log Growth Stage		
		Early	Mid	Late	Early	Mid	Late
<b>Polyphosphate Metabolism</b>							
Q88LC3	Probable inorganic polyphosphate/ATP-NAD kinase	0	5	7	0	2	3
Q88M23	Polyphosphate:AMPphosphotransferase	0	4	7	0	0	0
Q88CG4	Polyphosphate kinase	0	0	0	9	19	17
Q88CG5	Ppx/GppA phosphatase (exopolyphosphatase)	1	10	6	0	0	0
<b>Glycerol Catabolism</b>							
Q88NX8	Glycerol kinase	35	57	53	59	97	79
Q88NY0	Glycerol 3-phosphate dehydrogenase	16	48	46	17	54	17
Q88DV4	Triosephosphateisomerase	5	13	11	5	15	7
<b>30S Ribosomal Proteins (subset)</b>							
Q88M03	30S ribosomal protein S1	24	53	76	28	55	85
Q88MI0	30S ribosomal protein S2	9	23	45	18	37	56
Q88QM9	30S ribosomal protein S3	1	27	37	2	16	34
Q88QL2	30S ribosomal protein S4	13	26	53	32	27	63
Q88QL8	30S ribosomal protein S5	3	8	31	12	10	25
Q88DE8	30S ribosomal protein S6	6	8	16	6	5	13
Q88QN9	30S ribosomal protein S7	19	6	25	26	8	22
Q88QM1	30S ribosomal protein S8	1	10	12	6	5	10