

A)

	<u>KO Number</u>	<u>Gene</u>	<u>SIMPER % Dissimilarity</u>
t8 vs t0	K03043	<i>rpoB</i>	0.11
	K03046	<i>rpoC</i>	0.11
	K06994	<i>RND superfamily</i>	0.1
t24 vs t0	K02529	<i>lacI, galR</i>	0.15
	K10117	<i>msmE</i>	0.14
	K17318	<i>lplA</i>	0.14
t48 vs t0	K02529	<i>lacI, galR</i>	0.15
	K02004	<i>ABC.CD.P</i>	0.14
	K10117	<i>msmE</i>	0.13

B)

KO_number	Gene	Description	Time (h)	Normalized Counts	se	LFC	se	FDR
K06296	<i>gerKB</i>	spore germination protein KB	24	420.45	± 16.7	8.84	± 1.1	1.32E-14
K06307	<i>yfkQ</i>	spore germination protein	24	90.42	± 20.7	8.47	± 1.3	2.60E-09
K10017	<i>hisP</i>	histidine transport system ATP-binding protein	24	66.67	± 10.9	8.04	± 1.3	2.61E-08
K03488	<i>licT, bglG</i>	beta-glucoside operon transcriptional antiterminator	24	65.76	± 16.9	8.00	± 1.3	3.10E-08
K06297	<i>gerKC</i>	spore germination protein KC	24	424.27	± 63.5	7.87	± 1.0	3.20E-13
K07717	<i>ycbA, glnK</i>	two-component system, sensor histidine kinase YcbA	24	55.77	± 2.9	7.78	± 1.3	1.50E-07
K18701	<i>arsC</i>	arsenate-mycothioli transferase	24	54.89	± 5.5	7.75	± 1.4	1.61E-06
K06311	<i>yndE</i>	spore germination protein	24	53.74	± 6.2	7.72	± 1.3	1.93E-07
K02251	<i>comQ</i>	competence protein ComQ	24	53.14	± 10.4	7.70	± 1.4	9.69E-07
K10015	<i>hisM</i>	histidine transport system permease protein	24	52.03	± 4.3	7.68	± 1.4	3.05E-06