

Gene	Functional group	Location (kb)	Mean <i>S</i> /EIEC	Mean <i>E. coli</i>	<i>p</i> value
<i>yabF</i>	Putative enzymes	47.2	-0.25	-0.51	6.6E-06
<i>kefC</i>	Transport and binding proteins	47.8	0.25	-0.21	5.2E-05
<i>araB</i>	Carbon compound catabolism	68.3	-0.22	0.26	3.4E-04
<i>yacG</i>	Hypothetical, unclassified, unknown	111.6	0.11	-0.29	8.3E-04
<i>hrpB</i>	Transcription, RNA processing and degradation	162.1	-0.43	-0.97	1.8E-04
<i>fluC</i>	Transport and binding proteins	169.8	0.20	-0.19	6.2E-04
<i>mhpB</i>	Carbon compound catabolism	369.5	-0.41	0.12	1.5E-04
<i>b0380</i>	Hypothetical, unclassified, unknown	398.7	0.06	-0.27	3.0E-04
<i>yaiI</i>	Hypothetical, unclassified, unknown	404.9	0.12	-0.26	4.9E-04
<i>htpG</i>	Cell processes (incl. adaptation, protection)	494.3	-0.25	0.70	4.5E-04
<i>ybcJ</i>	Hypothetical, unclassified, unknown	555.9	0.51	0.17	1.5E-04
<i>entD</i>	Biosynthesis of cofactors, prosthetic groups and carriers	608.7	0.33	-0.13	3.7E-04
<i>entF</i>	Biosynthesis of cofactors, prosthetic groups and carriers	613.4	-1.60	-2.06	7.7E-05
<i>sepG</i>	Transport and binding proteins	619.4	0.08	-0.32	3.7E-05
<i>entE</i>	Biosynthesis of cofactors, prosthetic groups and carriers	625.3	-0.61	-1.05	1.5E-04
<i>ybdB</i>	Hypothetical, unclassified, unknown	628.5	0.19	-0.11	2.9E-04
<i>ybeH</i>	Hypothetical, unclassified, unknown	657.3	0.64	0.28	4.6E-04
<i>ybeA</i>	Hypothetical, unclassified, unknown	667.5	0.23	-0.11	2.3E-05
<i>ybeB</i>	Hypothetical, unclassified, unknown	667.9	0.47	0.11	1.7E-04
<i>hola</i>	DNA replication, recombination, modification and repair	669.8	0.58	0.01	4.6E-04
<i>nagE</i>	Transport and binding proteins	703.2	0.23	-0.47	5.7E-04
<i>glnS</i>	Translation, post-translational modification	705.3	-0.04	-0.54	3.5E-04
<i>potE</i>	Transport and binding proteins	716.2	0.86	0.36	4.1E-04
<i>moeA</i>	Biosynthesis of cofactors, prosthetic groups and carriers	864.4	0.09	-0.43	1.9E-04
<i>ybjM</i>	Hypothetical, unclassified, unknown	889.3	-0.33	-0.60	8.5E-05
<i>ycaO</i>	Hypothetical, unclassified, unknown	954.1	0.66	-0.04	1.3E-04
<i>ycaR</i>	Hypothetical, unclassified, unknown	969.9	0.72	0.29	8.2E-05
<i>yccM</i>	Hypothetical, unclassified, unknown	1051.5	0.05	-0.38	1.7E-04
<i>torC</i>	Energy metabolism	1057.3	-0.34	-0.60	2.5E-04
<i>torD</i>	Energy metabolism	1061.0	-0.20	-0.72	4.9E-04
<i>yccD</i>	Hypothetical, unclassified, unknown	1061.8	0.49	0.06	4.3E-05
<i>ycdC</i>	Hypothetical, unclassified, unknown	1073.5	0.45	0.21	5.9E-05
<i>ycfP</i>	Hypothetical, unclassified, unknown	1164.3	1.31	2.09	2.6E-04
<i>ydaA</i>	Hypothetical, unclassified, unknown	1395.7	0.05	0.63	1.9E-04
<i>uxaB</i>	Carbon compound catabolism	1607.3	-0.61	-0.10	2.1E-04
<i>b1587</i>	Energy metabolism	1656.1	-1.27	-0.18	5.3E-04
<i>mlc</i>	Carbon compound catabolism	1665.4	-0.40	0.00	8.3E-04
<i>ynfM</i>	Hypothetical, unclassified, unknown	1667.7	-1.21	-0.79	5.8E-04
<i>ydhD</i>	Hypothetical, unclassified, unknown	1731.8	0.15	0.37	6.0E-05
<i>sodB</i>	Cell processes (incl. adaptation, protection)	1733.4	0.62	1.47	4.5E-04
<i>b1688</i>	Hypothetical, unclassified, unknown	1767.1	-0.23	-0.08	8.2E-04
<i>ydiA</i>	Hypothetical, unclassified, unknown	1785.5	-0.03	0.35	4.2E-04
<i>b1706</i>	Hypothetical, unclassified, unknown	1787.8	-0.11	0.05	7.8E-04
<i>b1725</i>	Hypothetical, unclassified, unknown	1805.8	0.14	0.64	4.1E-04
<i>gapA</i>	Energy metabolism	1860.8	0.87	1.80	4.7E-04
<i>yeaJ</i>	Hypothetical, unclassified, unknown	1869.9	-1.37	-0.44	6.0E-05
<i>yebU</i>	Structural proteins	1918.2	2.71	1.26	7.2E-04
<i>b1844</i>	Hypothetical, unclassified, unknown	1924.1	-0.10	0.13	4.1E-04
<i>yebK</i>	Hypothetical, unclassified, unknown	1934.7	-0.02	0.23	9.0E-04
<i>araH_2</i>	Transport and binding proteins	1980.6	0.99	0.37	4.7E-04
<i>yecA</i>	Hypothetical, unclassified, unknown	1989.0	-0.14	0.20	7.5E-04
<i>hisG</i>	Amino acid biosynthesis and metabolism	2088.2	0.55	0.18	4.5E-04
<i>yehL</i>	Hypothetical, unclassified, unknown	2202.6	0.20	-0.02	8.9E-04
<i>fruA</i>	Carbon compound catabolism	2257.7	-0.49	0.14	1.3E-04
<i>fruK</i>	Energy metabolism	2259.4	-0.25	0.06	8.2E-04
<i>fruB</i>	Transport and binding proteins	2260.4	0.12	-0.31	4.9E-04
<i>b2261</i>	Hypothetical, unclassified, unknown	2261.0	0.00	0.00	1.6E-04