

Table S-7. Log₂ expression for all genes in the *E. coli* K12 genome for all experimental conditions

gene	WT+O₂	Δfur +O₂	$\Delta fur\Delta rylB$ +O₂	$\Delta rylB$ +O₂	WT-O₂	Δfur -O₂	$\Delta fur\Delta rylB$ -O₂	$\Delta rylB$ -O₂
<i>aaeA</i>	13.1	13.1	13.0	13.0	13.2	13.2	13.1	13.1
<i>aaeB</i>	12.8	12.9	12.7	12.8	12.9	13.0	12.9	12.8
<i>aaeR</i>	15.0	14.8	14.4	14.5	14.8	15.2	14.8	15.0
<i>aaeX</i>	13.4	13.4	13.1	13.1	13.3	13.6	13.4	14.0
<i>aas</i>	14.5	14.3	14.2	14.0	14.3	14.3	14.2	14.3
<i>aat</i>	14.8	14.8	14.7	14.3	14.8	14.9	14.6	14.7
<i>abgA</i>	13.0	13.1	13.0	13.1	13.2	13.0	13.1	12.8
<i>abgB</i>	13.0	13.0	12.9	13.0	13.0	13.0	13.0	12.8
<i>abgR</i>	13.4	13.5	13.2	13.4	13.1	13.4	13.1	13.1
<i>abgT</i>	13.1	13.1	13.0	13.3	13.1	13.1	13.0	13.0
<i>abrB</i>	13.0	12.9	12.9	13.0	13.4	13.5	13.6	13.5
<i>accA</i>	17.2	16.8	16.9	17.1	16.8	16.9	16.8	17.0
<i>accB</i>	18.2	18.1	18.2	18.4	18.0	18.1	18.2	18.0
<i>accC</i>	17.5	17.3	17.4	17.6	16.9	17.1	17.2	17.3
<i>accD</i>	17.4	17.2	17.3	17.2	17.4	17.5	17.3	17.4
<i>aceA</i>	18.9	18.7	19.4	19.0	17.1	17.7	17.5	17.2
<i>aceB</i>	19.4	19.2	19.6	19.5	18.2	18.8	18.5	18.4
<i>aceE</i>	18.7	18.8	18.7	18.9	17.9	17.8	17.8	17.9
<i>aceF</i>	18.5	18.7	18.4	18.6	17.5	17.7	17.4	17.7
<i>aceK</i>	17.0	16.7	16.9	17.0	14.6	15.7	15.1	15.2
<i>ackA</i>	16.7	17.4	16.7	16.8	18.9	19.0	19.2	19.1
<i>acnA</i>	16.0	14.9	16.2	16.0	13.8	13.7	13.8	13.9
<i>acnB</i>	18.5	17.5	19.0	18.6	15.7	15.3	16.0	15.9
<i>acpH</i>	14.2	14.2	13.9	13.6	13.5	13.8	13.6	13.6
<i>acpP</i>	20.0	20.0	20.1	19.8	20.2	20.1	20.1	20.0
<i>acpS</i>	15.7	15.5	15.3	15.3	15.8	16.0	15.7	15.7
<i>acpT</i>	14.8	14.7	14.5	14.0	14.8	15.1	14.9	14.9
<i>acrA</i>	16.9	16.9	16.7	16.9	16.8	16.9	16.8	16.7
<i>acrB</i>	16.2	16.2	16.1	16.2	16.2	16.3	16.2	16.1
<i>acrD</i>	13.1	13.2	13.2	13.0	13.4	13.5	13.4	13.4
<i>acrE</i>	12.7	12.7	12.5	13.0	12.8	12.6	12.6	12.5
<i>acrF</i>	12.9	12.9	12.8	13.1	13.0	13.0	12.9	12.8
<i>acrR</i>	14.4	14.3	14.0	13.9	13.7	14.3	13.5	13.7
<i>acs</i>	15.4	14.8	15.7	15.4	13.0	12.8	12.9	12.8
<i>actP</i>	13.7	13.3	14.1	13.5	12.8	12.7	12.8	12.7
<i>ada</i>	13.5	13.6	13.4	13.6	13.5	13.6	13.6	13.5
<i>add</i>	14.8	14.7	14.6	14.2	14.2	14.5	14.1	14.2
<i>ade</i>	13.6	13.4	13.5	13.3	13.1	13.3	13.2	13.1
<i>adhE</i>	18.1	18.2	17.9	18.3	19.7	19.7	20.0	19.8
<i>adhP</i>	15.7	16.1	15.7	15.6	14.0	15.0	14.4	14.0
<i>adiA</i>	13.0	13.0	12.8	13.1	13.4	13.3	13.3	13.6
<i>adiC</i>	12.7	12.7	12.7	12.9	14.4	14.0	14.7	15.0
<i>adiY</i>	13.0	13.3	12.9	12.8	15.2	16.4	16.0	15.2
<i>adk</i>	18.5	18.3	18.3	18.4	18.9	18.6	18.7	18.7
<i>adrA</i>	12.9	12.9	12.8	13.1	13.0	12.9	13.0	12.7
<i>aegA</i>	12.9	12.9	12.8	13.0	13.8	13.5	13.8	13.8
<i>aer</i>	13.4	13.4	13.3	13.5	13.6	13.1	13.2	13.0
<i>aes</i>	12.9	12.9	12.9	13.3	12.9	13.0	12.9	12.9
<i>afuB</i>	13.0	13.0	13.0	13.3	13.1	13.0	13.1	13.0
<i>afuC</i>	12.8	12.8	12.7	13.0	13.0	12.9	12.9	12.8
<i>agaA</i>	13.1	13.0	12.9	13.0	13.0	13.0	13.0	12.7
<i>agaB</i>	12.8	12.9	12.7	12.8	12.8	13.0	12.8	12.7
<i>agaC</i>	12.7	12.8	12.6	12.7	13.1	12.7	12.7	12.6
<i>agaD</i>	12.8	12.8	12.7	12.9	12.8	12.9	12.7	12.6
<i>agaI</i>	13.0	13.0	12.8	13.0	13.1	12.9	12.9	12.7
<i>agaR</i>	15.1	15.1	14.7	14.8	15.3	15.5	15.1	15.5
<i>agaS</i>	12.8	12.7	12.6	12.7	12.7	12.6	12.7	12.6
<i>agaV</i>	13.2	13.1	13.0	13.1	13.0	13.0	13.7	13.0

<i>agaW</i>	12.8	12.8	12.8	13.5	12.9	12.8	13.6	12.7
<i>agp</i>	14.8	14.7	14.7	14.8	14.4	14.5	14.4	14.4
<i>ahpC</i>	19.4	19.5	19.6	19.3	19.0	18.8	19.0	19.0
<i>ahpF</i>	16.9	17.2	16.9	16.9	16.7	16.8	16.8	16.9
<i>aidB</i>	14.5	14.5	14.2	14.3	15.6	14.7	15.0	15.8
<i>ais</i>	16.5	16.2	16.3	16.5	15.5	13.8	13.6	16.2
<i>alaA</i>	15.6	16.2	15.5	15.4	15.5	15.7	15.3	15.4
<i>alaC</i>	15.6	15.7	15.5	15.3	15.3	15.7	15.4	15.4
<i>alaS</i>	17.7	17.5	17.4	17.6	17.8	17.6	17.7	17.8
<i>alaT</i>	18.4	18.4	18.0	17.9	18.7	18.4	17.7	18.2
<i>alaU</i>	18.4	18.4	18.1	17.8	18.7	18.3	17.8	18.4
<i>alaV</i>	17.5	17.3	17.7	16.4	18.6	17.5	17.6	17.1
<i>alaW</i>	18.4	18.4	17.8	17.8	17.9	18.1	16.5	18.0
<i>alaX</i>	17.6	17.8	18.0	17.0	17.6	17.8	16.7	17.5
<i>aldA</i>	16.9	16.5	17.1	17.0	13.5	13.5	13.4	13.7
<i>aldB</i>	13.5	13.6	13.4	13.3	13.4	13.4	13.3	13.2
<i>alkA</i>	13.7	13.8	13.6	13.9	13.9	13.9	13.8	13.8
<i>alkB</i>	13.4	13.3	13.3	13.4	13.3	13.5	13.4	13.5
<i>allA</i>	13.2	13.3	13.1	13.5	13.4	13.4	13.5	13.4
<i>allB</i>	12.9	13.0	12.8	12.9	13.1	12.9	13.0	12.8
<i>allC</i>	13.6	13.6	13.4	13.7	13.7	13.9	13.5	13.4
<i>allD</i>	12.7	12.7	12.7	12.9	12.7	12.7	12.7	12.5
<i>allE</i>	14.8	14.8	14.4	14.6	14.8	15.2	14.6	14.7
<i>allR</i>	16.4	16.4	16.4	16.3	16.5	16.4	16.3	16.8
<i>allS</i>	12.9	13.0	12.7	13.1	13.0	13.0	13.0	13.3
<i>alpA</i>	13.6	13.4	13.3	13.5	13.5	13.5	13.3	13.3
<i>alr</i>	15.0	15.0	14.7	14.8	14.8	15.1	14.9	15.1
<i>alsA</i>	12.8	12.7	12.6	13.0	12.8	12.8	12.7	12.8
<i>alsB</i>	13.6	13.4	13.3	13.7	13.4	13.4	13.4	13.3
<i>alsC</i>	12.7	12.7	12.6	12.8	12.8	12.8	12.8	12.7
<i>alsE</i>	13.1	13.1	13.0	13.2	13.0	13.1	13.1	13.0
<i>alsK</i>	13.0	13.1	12.9	13.3	13.2	13.1	13.1	13.0
<i>alx</i>	13.6	13.4	13.5	13.3	13.1	13.4	13.9	12.9
<i>amiA</i>	15.8	15.6	15.4	15.6	15.0	15.6	15.3	15.3
<i>amiB</i>	14.8	14.8	14.5	14.6	14.7	14.8	14.6	15.0
<i>amiC</i>	14.6	14.6	14.5	14.2	14.9	15.1	14.9	14.8
<i>amiD</i>	15.0	15.1	14.9	15.0	15.0	15.2	15.2	15.3
<i>amn</i>	16.8	16.9	16.7	16.8	16.1	16.7	16.1	16.1
<i>ampC</i>	14.6	14.4	14.3	14.3	14.1	14.3	14.2	14.2
<i>ampD</i>	15.0	15.0	14.9	14.4	15.2	15.2	15.0	14.9
<i>ampE</i>	14.6	14.6	14.3	14.4	14.5	14.8	14.5	14.6
<i>ampG</i>	14.9	14.8	14.9	14.5	14.3	14.5	14.3	14.3
<i>ampH</i>	14.5	14.6	14.6	14.1	14.5	14.8	14.6	14.7
<i>amtB</i>	14.2	14.0	13.9	14.0	13.6	13.7	13.6	13.4
<i>amyA</i>	15.6	15.6	15.1	15.6	15.3	15.0	14.7	15.2
<i>anmK</i>	14.4	14.4	14.3	14.2	14.6	14.6	14.5	14.6
<i>ansA</i>	16.1	16.0	15.8	15.9	15.8	15.9	15.7	15.7
<i>ansB</i>	13.4	13.3	13.2	13.2	15.4	15.1	15.6	15.3
<i>ansP</i>	13.7	13.1	13.3	13.3	13.3	13.0	13.1	13.4
<i>apaG</i>	16.3	16.3	15.9	15.9	16.3	16.5	16.1	16.2
<i>apaH</i>	15.0	15.1	14.8	14.9	14.8	15.1	14.9	15.0
<i>apbE</i>	13.7	13.7	13.7	13.6	13.7	13.9	14.1	14.1
<i>aphA</i>	14.1	14.1	13.8	13.9	13.9	14.5	14.0	14.0
<i>appA</i>	13.7	13.8	13.5	13.4	16.8	15.3	16.4	17.1
<i>appB</i>	13.5	13.6	13.4	13.3	17.7	15.8	17.3	18.1
<i>appC</i>	13.6	13.7	13.5	13.3	18.0	16.0	17.7	18.2
<i>appY</i>	14.4	14.5	13.8	13.7	16.6	15.6	15.6	16.3
<i>apt</i>	17.0	17.3	17.3	16.7	16.9	17.2	17.2	16.9
<i>aqpZ</i>	13.4	13.5	13.4	13.2	13.6	13.7	13.8	13.8
<i>araA</i>	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.2
<i>araB</i>	12.8	12.8	12.8	12.9	12.8	12.8	12.8	12.6

<i>araC</i>	14.5	14.5	14.4	14.1	14.1	14.5	14.1	14.1
<i>araD</i>	12.9	12.9	12.9	13.0	12.9	13.0	12.9	12.7
<i>araE</i>	13.6	13.5	13.4	13.5	13.6	13.6	13.5	13.5
<i>araF</i>	13.0	12.9	12.9	13.4	13.0	13.0	12.9	12.8
<i>araG</i>	12.9	12.9	12.8	13.2	13.0	12.9	12.9	12.8
<i>araH</i>	13.2	13.2	13.1	13.3	13.3	13.4	13.3	13.1
<i>araJ</i>	13.9	14.0	13.6	13.4	13.6	14.1	13.5	13.8
<i>arcA</i>	18.0	17.8	17.4	17.9	18.3	18.2	18.4	18.6
<i>arcB</i>	15.0	15.2	14.7	14.8	15.2	15.6	15.0	15.1
<i>arcZ</i>	14.4	14.5	14.3	13.6	13.7	14.3	13.5	14.0
<i>arfA</i>	16.1	16.3	15.1	15.6	15.7	16.4	14.6	15.4
<i>argA</i>	16.7	16.8	16.8	16.6	16.7	17.0	16.8	16.6
<i>argB</i>	17.3	17.2	17.3	17.4	17.5	17.1	17.4	17.2
<i>argC</i>	17.5	17.3	17.3	17.3	17.2	17.5	17.3	17.2
<i>argD</i>	17.5	17.5	17.4	17.5	17.9	17.7	17.8	17.7
<i>argE</i>	16.8	16.9	16.8	16.7	15.7	16.2	15.9	15.9
<i>argF</i>	17.0	16.7	17.4	16.8	17.0	16.8	17.1	16.5
<i>argG</i>	18.3	18.2	18.3	18.5	18.1	18.3	18.4	18.1
<i>argH</i>	17.0	17.0	17.2	17.1	16.9	16.9	17.0	16.7
<i>argI</i>	17.2	17.0	17.1	17.2	17.0	17.2	17.2	17.1
<i>argK</i>	12.9	12.8	12.7	12.9	12.8	12.9	12.8	12.8
<i>argO</i>	14.6	14.6	14.2	14.1	14.4	14.6	14.2	14.7
<i>argP</i>	15.5	15.4	15.4	15.1	15.5	15.8	15.6	15.7
<i>argQ</i>	18.6	18.4	18.1	18.3	18.7	18.4	18.0	18.3
<i>argR</i>	16.5	16.5	15.9	15.8	15.9	16.3	15.8	16.2
<i>argS</i>	16.4	16.3	16.2	16.3	16.3	16.3	16.1	16.3
<i>argT</i>	16.7	16.5	16.4	16.5	13.2	13.9	13.3	13.6
<i>argU</i>	17.1	17.0	16.4	15.9	16.6	17.5	15.4	16.3
<i>argV</i>	18.3	18.3	18.4	17.9	19.1	18.4	18.3	18.4
<i>argW</i>	14.1	14.4	14.0	13.5	14.3	14.2	13.6	13.6
<i>argX</i>	15.7	16.2	16.9	15.1	17.0	15.7	16.1	15.8
<i>argY</i>	19.4	19.3	18.6	19.7	19.4	19.3	18.9	19.8
<i>argZ</i>	18.9	18.6	18.1	18.3	18.6	18.8	18.2	18.9
<i>ariR</i>	13.8	13.8	13.5	13.4	12.9	12.9	12.7	12.7
<i>arnA</i>	17.0	16.3	17.1	16.9	16.4	14.1	14.4	17.0
<i>arnB</i>	17.8	16.9	17.9	17.4	17.2	14.6	15.0	17.7
<i>arnC</i>	17.7	16.9	17.7	17.6	17.0	14.4	14.8	17.4
<i>arnD</i>	15.6	15.2	15.6	15.5	15.1	13.5	13.8	16.0
<i>arnE</i>	14.2	14.0	14.2	13.8	13.9	13.5	13.6	14.4
<i>arnF</i>	13.9	13.6	13.7	13.4	13.3	13.2	13.1	13.6
<i>arnT</i>	14.2	13.8	14.2	13.6	13.6	13.2	13.1	13.9
<i>aroA</i>	17.7	17.7	17.4	17.7	18.0	17.7	17.8	17.8
<i>aroB</i>	17.1	17.0	17.2	17.1	17.5	17.2	17.3	17.2
<i>aroC</i>	16.7	16.6	16.6	16.6	16.4	16.6	16.6	16.5
<i>aroD</i>	15.8	15.8	15.4	15.4	15.7	16.1	15.6	15.8
<i>aroE</i>	15.9	15.8	15.4	15.9	15.5	15.5	15.2	15.4
<i>aroF</i>	17.3	17.3	17.2	17.2	17.4	16.6	16.7	17.4
<i>aroG</i>	18.7	18.6	18.4	18.7	18.8	18.5	18.5	18.7
<i>aroH</i>	16.3	16.2	16.2	16.2	16.2	15.9	16.1	16.5
<i>aroK</i>	18.0	17.9	17.8	17.9	18.1	18.1	17.9	18.1
<i>aroL</i>	16.4	16.4	16.3	16.3	16.9	16.6	16.6	16.8
<i>aroM</i>	14.7	14.6	14.3	14.4	14.3	14.4	14.0	14.2
<i>aroP</i>	17.5	17.4	17.5	17.7	17.6	17.0	17.5	17.7
<i>arpA</i>	12.7	12.7	12.5	12.8	12.7	12.7	12.5	12.5
<i>arpB_1</i>	12.9	13.0	12.7	13.0	13.0	12.9	12.7	12.7
<i>arpB_2</i>	12.5	12.6	12.4	12.8	12.6	12.6	12.4	12.4
<i>arsB</i>	13.2	13.2	13.3	12.9	13.1	13.2	13.2	13.1
<i>arsC</i>	14.1	14.1	13.9	13.6	13.9	13.9	13.8	13.8
<i>arsR</i>	13.4	13.5	13.3	13.1	13.2	13.3	13.1	13.2
<i>artI</i>	17.2	17.1	16.8	17.1	17.4	17.6	17.6	17.4
<i>artJ</i>	19.0	18.7	18.5	18.7	18.5	19.0	18.5	18.4

<i>artM</i>	15.2	15.1	15.1	15.2	15.5	15.8	15.8	15.8
<i>artP</i>	17.0	16.9	16.7	16.9	17.3	17.6	17.4	17.4
<i>artQ</i>	15.4	15.3	15.4	15.6	15.8	15.9	16.1	16.0
<i>ascB</i>	13.4	13.4	13.2	13.3	13.4	13.4	13.3	13.2
<i>ascF</i>	13.0	12.9	13.0	13.1	13.1	13.1	13.1	13.0
<i>ascG</i>	14.8	14.7	14.6	14.3	14.6	14.9	14.5	14.4
<i>asd</i>	18.7	18.7	18.9	18.7	19.0	18.6	19.0	18.9
<i>aslA</i>	13.0	12.9	12.9	13.5	13.0	13.0	13.0	12.8
<i>aslB</i>	13.0	12.9	12.9	13.0	12.9	13.0	12.9	12.9
<i>asmA</i>	14.8	14.9	14.6	14.7	15.0	15.2	14.9	15.0
<i>asnA</i>	15.0	15.1	14.9	14.7	14.8	15.0	14.6	14.8
<i>asnB</i>	16.2	16.4	16.1	16.3	16.4	16.8	16.6	16.5
<i>asnC</i>	14.4	14.4	14.0	13.9	14.3	14.4	14.3	14.5
<i>asnS</i>	17.3	17.2	17.3	17.3	17.4	17.2	17.4	17.5
<i>asnT</i>	18.7	18.9	18.4	17.1	18.6	18.9	17.4	17.8
<i>asnU</i>	18.6	18.7	18.2	17.5	19.0	18.5	17.5	17.4
<i>asnV</i>	18.7	18.4	18.1	16.7	18.3	18.4	16.8	17.1
<i>asnW</i>	19.1	19.0	18.6	17.4	19.1	18.9	17.7	18.2
<i>aspA</i>	14.9	14.9	14.5	14.4	15.6	16.0	15.9	15.8
<i>aspC</i>	18.5	18.5	18.6	18.5	18.0	18.3	18.4	18.4
<i>aspS</i>	17.3	17.2	17.1	17.4	17.5	17.5	17.6	17.6
<i>aspT</i>	18.1	17.9	18.7	17.6	18.6	18.1	18.0	18.1
<i>aspU</i>	19.1	19.0	18.9	18.2	19.1	19.0	18.2	18.7
<i>aspV</i>	16.5	16.5	17.1	16.0	17.3	16.4	16.4	15.7
<i>asr</i>	14.1	14.2	13.6	13.7	13.6	14.4	13.6	13.7
<i>astA</i>	13.3	13.2	13.2	13.8	12.9	12.7	12.8	12.6
<i>astB</i>	12.9	12.9	12.9	13.0	13.0	12.8	12.9	12.8
<i>astC</i>	13.6	13.5	13.4	13.4	12.9	12.7	12.8	12.6
<i>astD</i>	12.9	12.9	12.9	13.1	12.9	12.7	12.8	12.6
<i>astE</i>	13.0	12.9	12.9	13.2	13.1	12.8	12.9	12.7
<i>atl</i>	13.8	14.0	14.0	14.5	14.4	14.3	14.2	13.9
<i>atoA</i>	12.8	12.9	12.7	13.9	13.2	12.8	12.9	12.6
<i>atoB</i>	13.0	13.0	12.8	13.0	13.1	13.2	13.0	12.8
<i>atoC</i>	13.7	13.6	13.4	13.4	13.3	13.7	13.4	13.4
<i>atoD</i>	12.7	12.7	12.6	13.8	12.9	12.7	12.7	12.6
<i>atoE</i>	12.6	12.7	12.6	12.9	12.7	12.6	12.6	12.6
<i>atoS</i>	13.2	13.1	13.0	13.2	13.0	13.3	13.0	13.0
<i>atpA</i>	18.8	18.7	19.1	19.0	18.7	18.6	19.1	18.8
<i>atpB</i>	19.0	19.0	19.0	19.0	19.2	18.9	19.1	19.2
<i>atpC</i>	17.6	17.7	17.9	17.7	17.5	17.6	17.7	17.7
<i>atpD</i>	18.3	18.3	19.0	18.6	18.5	18.1	18.8	18.5
<i>atpE</i>	19.6	19.5	19.8	19.8	19.7	19.3	19.7	19.6
<i>atpF</i>	19.4	19.3	19.6	19.5	19.5	19.3	19.5	19.4
<i>atpG</i>	19.0	19.0	19.2	19.1	18.9	18.9	19.1	18.9
<i>atpH</i>	19.2	19.2	19.5	19.4	19.4	19.1	19.5	19.3
<i>atpI</i>	18.5	18.5	18.5	18.3	18.6	18.6	18.3	18.5
<i>avtA</i>	17.2	17.1	16.9	17.1	16.6	17.0	16.8	16.9
<i>azoR</i>	15.5	15.2	15.3	15.1	14.8	15.0	14.9	15.2
<i>azuC</i>	18.4	18.5	16.8	17.2	14.9	16.5	14.0	15.1
<i>b0100</i>	15.9	16.0	15.3	15.8	15.3	16.0	15.1	15.6
<i>b0105</i>	13.2	13.2	13.2	12.9	13.2	13.3	13.2	13.5
<i>b0165</i>	15.8	15.7	15.3	15.2	15.0	15.8	15.1	15.1
<i>b0309</i>	12.8	12.8	12.6	13.0	12.8	12.8	12.5	12.7
<i>b0701</i>	13.5	13.4	13.3	13.5	13.5	13.7	13.4	13.3
<i>b0725</i>	17.7	17.2	17.7	17.4	14.7	15.4	14.8	15.0
<i>b1052</i>	15.9	15.9	16.2	16.2	16.5	15.8	15.6	15.0
<i>b1364</i>	13.7	13.5	13.4	13.5	13.3	13.9	13.4	13.3
<i>b2191</i>	14.4	14.5	14.4	15.1	14.5	14.0	14.2	14.5
<i>b2651</i>	12.9	12.8	12.8	13.0	13.1	12.8	12.8	12.9
<i>b3254</i>	13.6	13.5	13.5	14.9	13.5	13.6	13.4	13.8
<i>b4247</i>	12.9	12.8	12.8	12.8	13.0	12.8	12.9	12.7

<i>bacA</i>	15.0	14.9	15.0	15.1	14.9	14.9	14.9	15.2
<i>baeR</i>	15.3	15.5	15.1	14.8	15.2	15.7	15.2	15.3
<i>baeS</i>	13.6	13.8	13.5	13.3	13.5	13.7	13.5	13.5
<i>bamA</i>	17.5	17.5	17.3	17.5	17.6	17.5	17.5	17.5
<i>bamB</i>	16.7	16.6	16.5	16.6	16.7	16.5	16.5	16.7
<i>bamC</i>	17.0	17.1	17.0	17.0	17.1	17.0	17.2	17.2
<i>bamD</i>	17.8	17.9	17.6	17.9	17.7	17.9	17.8	17.7
<i>barA</i>	14.4	14.4	13.9	14.0	14.1	14.7	14.1	14.3
<i>basR</i>	16.5	16.1	16.1	16.7	15.8	14.7	14.4	16.0
<i>basS</i>	15.7	15.3	15.4	15.6	15.0	14.2	14.0	15.3
<i>bax</i>	16.1	15.8	15.6	15.7	15.5	16.0	15.2	15.5
<i>bcp</i>	18.6	18.6	18.5	18.4	18.3	18.5	18.1	18.3
<i>bcr</i>	15.0	15.0	14.7	14.7	14.9	15.2	15.1	15.3
<i>bcsA</i>	12.8	12.9	12.8	13.0	12.7	12.7	12.7	12.6
<i>bcsB</i>	13.3	13.3	13.2	13.2	13.1	13.0	13.0	12.9
<i>bcsC</i>	13.5	13.6	13.4	13.3	13.5	13.4	13.4	13.3
<i>bcsE</i>	15.7	15.6	15.4	15.4	14.7	15.0	14.5	14.7
<i>bcsF</i>	15.8	15.8	15.7	15.7	14.5	15.3	14.7	14.9
<i>bcsG</i>	14.9	14.8	14.7	14.6	13.8	14.1	13.8	13.9
<i>bcsQ</i>	14.1	14.0	13.8	13.7	13.4	13.5	13.3	13.2
<i>bcsZ</i>	13.2	13.2	13.1	13.7	13.1	13.0	13.1	12.9
<i>bdm</i>	15.2	14.7	14.4	14.7	13.5	13.9	13.4	13.2
<i>betA</i>	14.0	13.9	13.9	14.1	13.1	12.9	13.0	12.8
<i>betB</i>	14.8	14.8	14.6	14.6	13.8	13.6	13.4	13.1
<i>betI</i>	15.2	15.1	15.0	14.9	13.2	13.3	13.1	13.1
<i>befT</i>	13.9	13.8	13.8	13.6	12.9	12.8	12.8	12.7
<i>bfd</i>	15.9	18.2	17.5	14.4	13.3	18.4	17.3	13.4
<i>bfr</i>	17.9	16.5	16.9	17.9	17.6	16.6	16.5	17.8
<i>bglA</i>	16.2	16.3	16.0	16.2	16.3	16.3	16.1	16.1
<i>bglB</i>	12.9	13.0	12.8	13.6	13.1	12.9	12.8	12.7
<i>bglF</i>	12.7	12.7	12.6	13.2	12.8	12.7	12.6	12.6
<i>bglG</i>	12.7	12.7	12.5	13.2	12.7	12.8	12.6	12.5
<i>bglH</i>	12.7	12.7	12.6	13.0	12.8	12.8	12.6	12.6
<i>bglJ</i>	12.8	12.8	12.7	13.1	12.8	12.9	12.7	12.8
<i>bglX</i>	15.2	15.1	15.0	15.0	15.3	15.2	15.3	15.2
<i>bhsA</i>	16.3	17.1	15.7	15.3	14.2	15.1	13.9	14.3
<i>bioA</i>	15.0	16.4	15.0	14.7	14.2	15.5	14.3	14.2
<i>bioB</i>	16.7	17.0	16.6	16.6	15.6	16.3	15.7	15.5
<i>bioC</i>	15.5	15.8	15.3	15.1	14.4	14.9	14.6	14.6
<i>bioD</i>	15.7	16.0	15.6	15.7	14.9	14.9	15.0	14.9
<i>bioF</i>	15.4	15.7	15.2	15.2	14.4	14.9	14.4	14.4
<i>bioH</i>	14.1	14.1	14.1	13.9	14.0	13.9	13.9	13.9
<i>birA</i>	14.7	14.7	14.4	14.5	14.7	14.6	14.4	14.5
<i>bisC</i>	14.8	14.7	14.5	14.6	14.8	14.7	14.6	14.9
<i>blc</i>	15.1	15.1	14.9	14.6	14.4	14.3	14.1	14.3
<i>blr</i>	15.9	15.8	15.4	15.4	16.7	16.9	16.4	17.1
<i>bolA</i>	17.0	17.2	16.7	16.5	16.4	16.7	15.7	16.5
<i>borD</i>	18.3	17.9	17.6	18.0	18.1	18.5	17.6	17.8
<i>brnQ</i>	14.6	14.8	14.6	14.1	15.4	15.9	15.9	15.9
<i>bsmA</i>	14.4	14.3	14.0	14.0	14.3	14.3	14.2	14.3
<i>bssR</i>	14.1	14.5	14.0	13.9	17.7	18.6	17.8	18.4
<i>bssS</i>	15.4	15.5	15.1	15.0	16.3	16.4	15.7	16.1
<i>btuB</i>	16.2	16.1	15.9	16.2	15.7	15.9	15.7	15.5
<i>btuC</i>	14.3	14.3	14.2	13.9	14.3	14.5	14.3	14.3
<i>btuD</i>	15.3	15.4	15.0	15.2	15.3	15.3	15.1	15.2
<i>btuE</i>	16.4	16.4	16.0	16.2	16.3	16.4	15.8	16.0
<i>btuF</i>	14.4	14.3	14.2	14.0	14.0	14.3	14.2	14.1
<i>btuR</i>	14.8	14.9	14.6	14.4	14.8	14.9	14.7	14.8
<i>C0067</i>	13.0	12.9	12.9	13.2	13.0	13.0	12.7	13.0
<i>C0293</i>	14.1	14.2	14.0	13.7	13.7	13.6	13.3	13.3
<i>C0299</i>	13.7	13.7	13.3	14.2	13.6	13.9	13.4	13.5

<i>C0343</i>	15.8	15.6	15.7	15.3	15.7	15.7	15.1	15.1
<i>C0362</i>	13.9	14.9	14.4	13.6	13.4	15.1	14.4	13.3
<i>C0465</i>	13.6	13.5	13.2	13.6	13.4	13.4	13.2	13.2
<i>C0614</i>	14.6	15.2	14.0	13.6	14.3	14.6	13.8	14.2
<i>C0664</i>	16.8	16.4	15.4	15.6	14.6	15.6	14.6	15.4
<i>C0719</i>	14.2	13.8	13.8	13.2	13.5	14.1	13.4	13.6
<i>cadA</i>	12.7	12.7	12.5	13.0	12.8	12.7	12.6	12.6
<i>cadB</i>	12.6	12.6	12.6	13.4	12.8	12.7	12.6	12.7
<i>cadC</i>	13.0	13.0	12.7	13.2	13.2	13.4	13.0	13.1
<i>caiA</i>	13.3	13.2	13.1	13.3	13.8	13.9	13.7	13.8
<i>caiB</i>	13.4	13.3	13.1	13.3	13.4	13.6	13.5	13.4
<i>caiC</i>	13.3	13.3	13.0	13.0	13.3	13.6	13.3	13.4
<i>caiD</i>	12.9	12.9	12.9	13.1	13.1	13.0	13.1	12.8
<i>caiE</i>	13.0	13.0	12.9	13.2	13.2	12.9	13.0	12.7
<i>caiF</i>	15.6	15.1	14.8	15.2	17.1	16.3	16.8	17.1
<i>caiT</i>	12.6	12.7	12.6	12.7	12.7	12.7	12.7	12.7
<i>can</i>	18.6	18.7	18.3	18.5	16.3	17.2	16.3	16.5
<i>carA</i>	18.6	18.4	18.4	18.6	18.0	17.8	17.9	17.8
<i>carB</i>	17.9	17.8	18.0	18.0	17.1	17.0	17.1	17.1
<i>cas1</i>	13.7	13.7	13.5	13.7	13.8	13.9	13.7	13.6
<i>cas2</i>	14.3	14.3	13.8	14.1	14.2	14.2	13.9	14.1
<i>cas3</i>	13.1	13.0	12.8	13.2	13.2	13.2	13.0	13.0
<i>casA</i>	13.1	13.0	12.9	13.2	13.1	13.0	12.9	12.8
<i>casB</i>	13.7	13.7	13.4	13.1	13.4	13.6	13.2	13.1
<i>casC</i>	13.6	13.5	13.2	13.5	13.2	13.4	13.1	13.1
<i>casD</i>	13.8	13.7	13.5	13.4	13.7	13.9	13.6	13.5
<i>casE</i>	14.2	14.1	13.7	13.8	13.9	14.3	13.8	14.0
<i>cbl</i>	15.0	15.1	14.5	14.8	14.8	15.0	14.3	14.6
<i>cbpA</i>	16.4	16.4	16.3	16.3	17.7	17.4	17.6	18.1
<i>cbpM</i>	15.6	15.4	15.7	15.6	16.8	16.4	16.9	17.4
<i>cbrA</i>	12.8	12.9	12.7	12.8	12.8	12.9	12.8	12.7
<i>cbrB</i>	13.5	13.5	13.2	13.1	13.4	13.7	13.3	13.6
<i>cbrC</i>	14.1	14.1	13.6	13.5	13.6	14.2	13.5	13.9
<i>cca</i>	15.0	15.1	14.9	14.7	15.2	15.0	15.1	15.3
<i>ccmA</i>	13.6	13.5	13.5	13.7	14.1	14.1	14.1	14.1
<i>ccmB</i>	13.1	13.2	13.2	13.1	13.5	13.5	13.6	13.5
<i>ccmC</i>	13.9	13.8	13.9	13.6	14.3	14.2	14.3	14.4
<i>ccmD</i>	14.4	14.2	14.3	13.8	14.6	14.5	14.7	15.0
<i>ccmE</i>	14.1	14.0	14.1	14.3	14.5	14.6	14.6	14.9
<i>ccmF</i>	13.3	13.2	13.4	13.4	13.5	13.3	13.5	13.4
<i>ccmG</i>	13.6	13.6	13.5	13.7	13.6	13.6	13.6	13.8
<i>ccmH</i>	13.6	13.5	13.4	13.1	13.6	13.6	13.6	13.6
<i>cdaR</i>	13.4	13.4	13.3	13.3	13.5	13.4	13.4	13.2
<i>cdd</i>	14.6	14.8	14.2	14.3	14.9	15.3	15.1	15.4
<i>cdh</i>	14.4	14.1	14.1	14.0	13.9	14.0	13.8	14.0
<i>cdsA</i>	15.8	15.7	15.6	15.8	15.7	15.9	15.9	16.1
<i>cedA</i>	14.7	14.7	14.2	14.1	14.3	14.8	13.9	14.4
<i>cfa</i>	17.9	18.1	17.5	17.8	18.8	18.7	18.7	19.0
<i>chaA</i>	15.9	16.0	15.6	15.9	13.8	14.4	13.8	13.9
<i>chaB</i>	15.3	15.4	14.7	14.6	15.1	15.4	14.6	15.3
<i>chaC</i>	15.1	15.2	14.8	14.9	15.3	15.6	15.0	15.3
<i>chbA</i>	14.2	14.1	13.7	13.7	14.0	14.3	13.8	13.9
<i>chbB</i>	15.2	14.8	14.4	14.3	14.1	14.7	14.0	14.2
<i>chbC</i>	13.1	12.8	12.9	13.0	13.0	12.9	12.9	12.8
<i>chbF</i>	13.4	13.4	13.2	13.4	13.4	13.6	13.2	13.3
<i>chbG</i>	14.0	14.2	13.7	13.8	14.2	14.2	14.1	14.0
<i>chbR</i>	13.8	13.7	13.3	13.9	13.7	13.9	13.5	13.5
<i>cheA</i>	13.1	13.4	13.1	13.3	13.1	13.4	13.2	12.9
<i>cheB</i>	12.9	13.1	12.9	13.2	13.1	13.1	13.0	12.8
<i>cheR</i>	12.7	12.7	12.7	12.7	12.8	12.9	12.8	12.7
<i>cheW</i>	13.3	13.7	13.2	13.3	13.1	13.8	13.3	13.3

<i>cheY</i>	13.8	14.0	13.6	13.9	13.7	14.1	13.7	13.6
<i>cheZ</i>	13.5	13.7	13.4	13.3	13.4	13.6	13.5	13.3
<i>chiA</i>	13.7	13.3	13.3	13.6	13.5	13.3	13.3	13.4
<i>chiP</i>	12.7	12.7	12.7	13.1	12.8	12.7	12.7	12.7
<i>cho</i>	14.4	14.6	14.3	14.0	14.0	14.7	14.3	14.4
<i>chpA</i>	15.7	15.6	15.2	15.4	15.7	15.8	15.3	15.5
<i>chpB</i>	14.7	14.7	14.6	14.6	15.0	14.8	14.7	14.5
<i>chpR</i>	16.2	16.2	15.8	16.2	16.3	16.4	16.0	16.1
<i>chpS</i>	14.9	14.9	14.8	14.6	15.1	15.0	14.8	14.6
<i>cirA</i>	13.6	19.6	18.8	13.5	13.1	18.5	16.7	12.8
<i>citC</i>	12.6	12.6	12.5	13.0	12.7	12.6	12.6	12.5
<i>citD</i>	12.8	12.9	12.7	13.2	12.7	12.8	12.9	12.7
<i>citE</i>	12.7	12.7	12.6	13.1	12.7	12.7	12.8	12.6
<i>citF</i>	12.6	12.6	12.6	12.7	13.0	12.6	12.7	12.6
<i>citG</i>	12.7	12.7	12.6	13.0	12.8	12.8	12.7	12.6
<i>citT</i>	12.7	12.7	12.6	12.8	12.8	12.8	12.7	12.7
<i>citX</i>	12.8	12.8	12.7	13.0	12.8	12.8	12.8	12.7
<i>clcA</i>	14.5	14.7	14.5	14.0	14.8	15.0	14.7	14.8
<i>clcB</i>	13.2	13.3	13.2	13.3	13.3	13.4	13.4	13.2
<i>cld</i>	18.1	18.0	17.6	17.8	17.9	18.0	17.5	17.6
<i>clpA</i>	17.1	17.3	17.0	17.1	16.8	17.0	16.8	16.9
<i>clpB</i>	16.6	16.6	16.6	16.7	17.1	17.2	17.0	17.2
<i>clpP</i>	18.1	18.0	17.8	18.0	18.0	18.1	17.9	18.0
<i>clpS</i>	17.2	17.2	16.9	16.7	17.4	17.5	16.8	16.9
<i>clpX</i>	17.8	17.9	17.4	17.9	17.5	18.0	17.5	17.9
<i>cls</i>	15.9	15.9	15.7	15.7	16.1	16.2	16.1	16.2
<i>cmk</i>	16.9	16.9	16.8	16.7	16.8	16.6	16.4	16.9
<i>cmoA</i>	15.9	15.7	15.7	15.7	15.6	15.9	15.7	15.8
<i>cmoB</i>	15.1	15.1	14.9	15.0	14.7	14.9	14.8	15.0
<i>cmr</i>	14.1	14.0	14.0	13.5	13.8	13.9	13.7	13.8
<i>cmtA</i>	12.8	12.8	12.7	13.1	13.2	12.8	12.9	12.7
<i>cmtB</i>	12.8	12.7	12.7	13.4	12.7	12.8	12.6	12.6
<i>cnu</i>	14.9	14.7	14.6	13.8	16.3	16.2	15.9	16.3
<i>coaA</i>	15.8	15.7	15.3	15.4	15.3	15.9	15.1	15.3
<i>coaD</i>	14.9	14.9	14.7	14.8	14.2	14.5	14.2	14.5
<i>coaE</i>	15.9	15.8	15.5	15.5	15.5	16.1	15.6	15.7
<i>cobB</i>	15.8	15.3	15.6	15.6	15.9	15.5	15.8	16.0
<i>cobC</i>	14.5	14.6	14.2	14.5	14.3	14.6	14.2	14.4
<i>cobS</i>	15.6	15.6	15.3	15.3	15.6	15.8	15.6	15.6
<i>cobT</i>	15.2	15.3	14.9	15.2	15.5	15.4	15.3	15.3
<i>cobU</i>	15.0	15.2	14.6	14.8	15.1	15.2	14.8	15.2
<i>codA</i>	17.9	17.7	17.8	18.0	17.9	17.3	17.8	17.7
<i>codB</i>	17.7	17.4	17.6	17.6	17.7	17.0	17.4	17.4
<i>cof</i>	14.5	14.6	14.2	13.5	14.5	14.9	14.3	14.6
<i>copA</i>	14.9	15.2	15.5	14.7	15.2	14.6	14.9	15.1
<i>corA</i>	15.8	15.7	15.7	15.6	15.5	15.5	15.5	15.6
<i>cpdA</i>	15.6	15.8	15.5	15.3	15.7	16.0	15.8	15.8
<i>cpdB</i>	15.1	15.0	14.7	15.0	14.7	15.0	14.7	14.7
<i>cpsB</i>	12.8	12.9	12.7	13.0	13.1	12.8	12.9	12.7
<i>cpsG</i>	12.8	12.9	12.7	12.8	12.7	12.7	12.8	12.7
<i>cpxA</i>	15.8	15.7	15.3	15.7	15.6	15.8	15.6	16.0
<i>cpXP</i>	15.4	14.7	15.0	14.8	13.6	13.7	13.2	13.5
<i>cpXR</i>	17.1	17.0	16.7	17.1	17.0	17.0	17.0	17.2
<i>crcB</i>	15.2	14.4	14.8	14.8	15.5	14.6	15.2	15.5
<i>creA</i>	16.2	15.8	15.8	15.7	16.0	16.1	15.7	16.2
<i>creB</i>	14.8	14.7	14.7	14.6	14.9	14.8	14.9	14.9
<i>creC</i>	13.8	13.8	13.6	13.5	13.7	14.0	13.8	13.8
<i>creD</i>	13.2	13.2	13.0	13.4	13.4	13.3	13.1	13.0
<i>crl</i>	18.5	18.2	18.0	18.5	16.1	16.3	15.7	16.1
<i>crp</i>	18.3	18.3	18.2	18.1	18.3	18.4	18.2	18.2
<i>crr</i>	19.1	19.1	18.8	19.1	19.1	19.2	19.2	19.3

<i>csdA</i>	14.8	14.8	14.6	14.4	14.6	14.9	14.6	14.9
<i>csdE</i>	14.9	15.0	14.5	14.6	14.5	15.0	14.4	14.8
<i>csdL</i>	14.8	14.9	14.6	14.7	14.8	14.8	14.7	14.8
<i>csgA</i>	14.2	14.2	14.2	14.3	14.8	14.6	14.5	14.5
<i>csgB</i>	13.4	13.4	13.3	13.6	13.6	13.7	13.4	13.4
<i>csgC</i>	13.0	13.3	12.9	13.0	13.1	13.2	13.7	12.8
<i>csgD</i>	15.4	15.8	15.0	15.3	15.4	16.2	15.3	15.1
<i>csgE</i>	14.5	14.6	14.2	14.1	14.6	15.2	14.5	14.2
<i>csgF</i>	14.8	14.9	14.6	14.6	14.7	15.6	14.9	14.5
<i>csgG</i>	14.3	14.4	14.3	14.0	14.3	15.0	14.6	14.2
<i>csiD</i>	14.1	14.0	14.0	13.7	13.2	13.0	13.0	13.1
<i>csiE</i>	13.7	13.7	13.5	13.2	13.2	13.3	13.2	13.2
<i>csiR</i>	14.3	14.2	14.0	14.2	14.2	14.1	13.9	14.0
<i>cspA</i>	17.1	16.8	16.4	16.3	16.1	16.8	16.0	16.4
<i>cspB</i>	13.3	13.4	13.0	13.0	13.0	13.7	12.9	13.1
<i>cspC</i>	19.9	19.4	19.5	19.3	20.1	19.8	19.5	19.9
<i>cspD</i>	18.3	18.3	18.4	17.7	18.2	19.0	18.1	18.6
<i>cspE</i>	19.1	19.1	19.4	18.8	19.2	19.1	18.6	19.2
<i>cspF</i>	13.6	13.5	13.3	13.2	13.3	13.6	13.1	13.1
<i>cspG</i>	13.7	13.7	13.2	13.4	13.2	14.0	13.2	13.3
<i>cspH</i>	13.3	13.2	12.9	13.0	13.2	13.2	12.9	12.9
<i>cspI</i>	13.1	13.1	12.9	13.1	13.1	13.3	13.0	12.9
<i>csrA</i>	18.5	18.5	18.4	18.2	18.7	18.6	18.4	18.4
<i>csrB</i>	19.9	19.9	20.0	19.6	20.3	19.7	19.8	19.5
<i>csrC</i>	18.3	18.4	18.5	17.8	19.8	18.9	18.9	18.7
<i>csrD</i>	14.0	14.0	13.9	13.5	14.2	14.1	14.0	14.2
<i>cstA</i>	15.4	15.7	16.0	15.3	13.6	15.0	15.0	13.5
<i>cueO</i>	15.3	14.6	15.5	15.4	14.4	14.0	14.1	14.1
<i>cueR</i>	15.3	15.4	15.1	14.7	16.0	15.6	15.7	16.0
<i>cusA</i>	13.2	13.3	13.0	13.4	13.2	12.9	13.1	12.9
<i>cusB</i>	13.6	13.9	13.2	13.6	13.2	13.0	12.9	13.1
<i>cusC</i>	14.0	14.4	13.2	13.7	13.3	12.7	12.7	13.1
<i>cusF</i>	15.3	15.8	14.3	15.1	14.4	13.7	13.4	14.1
<i>cusR</i>	14.7	14.8	14.4	14.4	14.5	14.5	14.2	14.4
<i>cusS</i>	14.1	14.1	13.7	13.7	13.6	13.8	13.5	13.6
<i>cutA</i>	16.4	16.5	15.9	16.2	16.1	16.6	15.9	16.0
<i>cutC</i>	15.0	15.4	14.8	14.9	15.3	15.3	14.7	15.5
<i>cvpA</i>	18.1	18.1	17.9	18.1	18.0	18.0	17.9	18.0
<i>cvrA</i>	14.5	14.4	14.0	14.1	14.4	14.7	14.3	14.6
<i>cyaA</i>	16.4	16.5	16.2	16.2	16.5	16.6	16.6	16.6
<i>cyaR</i>	16.5	16.7	15.8	16.5	15.2	16.2	15.2	15.9
<i>cyaY</i>	15.5	15.3	15.2	15.2	15.2	14.9	14.8	15.1
<i>cybB</i>	17.0	16.8	16.6	16.8	16.1	16.4	15.9	15.9
<i>cybC</i>	15.0	14.9	14.4	15.3	14.3	15.1	14.2	14.6
<i>cycA</i>	16.0	16.0	15.9	16.1	15.9	16.0	16.1	16.1
<i>cydA</i>	17.0	16.8	17.5	17.1	18.1	17.7	18.1	18.1
<i>cydB</i>	16.6	16.5	17.2	16.8	17.8	17.3	17.9	17.7
<i>cydC</i>	15.1	15.1	14.9	14.7	14.5	15.2	14.7	14.7
<i>cydD</i>	15.1	15.1	15.0	14.7	14.5	15.2	14.7	14.7
<i>cynR</i>	13.6	13.6	13.5	13.5	13.4	13.6	13.5	13.4
<i>cynS</i>	13.4	13.5	13.1	13.1	13.4	13.7	13.5	13.5
<i>cynT</i>	12.8	12.9	12.8	13.0	12.8	12.8	12.9	12.8
<i>cynX</i>	12.7	12.8	12.8	13.7	13.0	12.9	13.0	12.8
<i>cyoA</i>	19.1	19.3	19.4	19.3	13.4	13.7	13.4	14.9
<i>cyoB</i>	18.7	18.7	19.0	18.8	13.2	13.6	13.5	14.8
<i>cyoC</i>	18.5	18.5	18.6	18.6	13.3	13.6	13.6	14.7
<i>cyoD</i>	18.7	18.8	18.8	18.9	13.5	14.0	13.7	14.6
<i>cyoE</i>	17.8	17.9	18.1	18.0	13.7	13.8	13.8	14.3
<i>cysA</i>	16.9	17.1	17.2	16.8	17.2	17.4	17.4	17.3
<i>cysB</i>	16.8	16.8	16.3	16.7	16.2	16.8	16.1	16.1
<i>cysC</i>	16.7	17.1	16.5	16.7	16.7	17.0	16.6	16.6

<i>cysD</i>	18.4	18.6	18.4	18.4	18.3	18.6	18.4	18.1
<i>cysE</i>	16.4	15.8	16.2	16.2	15.9	15.8	16.0	16.2
<i>cysG</i>	14.6	14.6	14.4	14.4	14.9	15.0	15.2	15.1
<i>cysH</i>	17.7	17.4	17.6	17.9	17.5	17.6	17.4	17.5
<i>cysI</i>	17.6	17.1	17.8	17.8	17.6	17.1	17.7	17.6
<i>cysJ</i>	17.8	17.3	17.8	17.8	17.5	17.3	17.7	17.7
<i>cysK</i>	19.6	19.7	19.8	19.6	19.6	19.7	19.7	19.7
<i>cysM</i>	16.8	16.7	17.1	16.8	17.3	16.6	17.1	16.8
<i>cysN</i>	17.8	18.1	17.9	18.0	17.8	18.0	17.9	17.8
<i>cysP</i>	17.3	17.3	17.4	17.2	17.5	17.6	17.5	17.4
<i>cysQ</i>	15.0	15.1	14.8	14.9	14.8	15.0	14.7	14.8
<i>cysS</i>	16.1	16.1	15.9	16.1	16.0	16.2	16.0	16.1
<i>cysT</i>	18.3	18.6	18.0	17.5	18.1	18.9	17.4	18.4
<i>cysU</i>	16.3	16.3	16.3	16.0	16.4	16.6	16.4	16.7
<i>cysW</i>	16.4	16.6	16.5	16.2	16.7	16.9	16.6	16.7
<i>cysZ</i>	15.3	15.4	15.2	14.9	15.1	15.6	15.2	15.4
<i>cytR</i>	15.6	15.6	15.3	15.3	15.3	15.6	15.2	15.3
<i>dacA</i>	16.8	16.7	16.6	16.7	16.6	16.7	16.6	16.7
<i>dacB</i>	15.1	15.0	14.8	14.6	14.6	15.1	14.8	14.9
<i>dacC</i>	15.8	15.4	15.7	15.7	15.8	15.3	15.6	15.8
<i>dacD</i>	13.8	13.8	13.5	13.7	13.9	14.0	13.6	13.6
<i>dadA</i>	14.9	14.6	15.0	14.7	14.3	14.4	14.4	14.2
<i>dadX</i>	14.0	13.9	14.3	14.0	13.7	13.8	13.8	13.6
<i>dam</i>	16.3	16.3	15.9	16.0	16.1	16.7	16.0	16.2
<i>damX</i>	17.0	17.0	16.8	17.0	17.0	17.2	17.1	17.1
<i>dapA</i>	18.4	18.4	18.2	18.4	18.5	18.5	18.4	18.5
<i>dapB</i>	17.4	17.2	17.2	17.1	16.7	16.6	16.4	16.5
<i>dapD</i>	18.2	18.2	18.2	18.2	18.0	18.0	18.1	18.2
<i>dapE</i>	15.5	15.4	15.3	15.4	15.5	15.6	15.5	15.5
<i>dapF</i>	16.3	16.3	16.0	16.3	16.3	16.3	16.2	16.4
<i>dbpA</i>	14.4	14.4	13.9	14.1	14.0	14.1	13.8	14.1
<i>dcd</i>	15.4	15.4	15.6	15.3	16.0	15.7	15.8	15.8
<i>dcm</i>	15.5	15.5	15.0	15.3	15.4	15.7	15.2	15.4
<i>dcp</i>	16.8	16.8	16.4	16.8	16.3	16.6	16.3	16.4
<i>dcrB</i>	17.2	17.2	16.7	16.8	16.3	16.9	16.2	16.4
<i>dctA</i>	15.1	14.6	15.0	14.9	13.6	13.6	13.7	13.7
<i>dctR</i>	14.1	14.0	13.5	13.9	15.8	15.1	15.3	16.0
<i>dcuA</i>	16.8	16.3	16.7	16.6	16.9	17.0	17.5	17.2
<i>dcuB</i>	12.9	12.7	12.8	13.0	16.4	16.5	16.2	16.3
<i>dcuC</i>	12.7	12.7	12.6	13.1	15.5	15.3	15.8	15.8
<i>dcuD</i>	12.7	12.6	12.6	12.8	12.8	12.7	12.7	12.6
<i>dcuR</i>	14.8	14.9	14.5	14.4	14.3	15.0	14.5	14.7
<i>dcuS</i>	14.2	14.1	13.9	13.9	14.1	14.3	13.9	14.0
<i>dcyD</i>	16.3	16.4	16.1	16.3	16.3	16.5	16.3	16.2
<i>dllA</i>	15.4	15.3	15.1	15.1	15.7	16.0	15.8	16.1
<i>dllB</i>	16.0	16.0	15.6	15.6	16.3	16.3	15.8	16.0
<i>ddpA</i>	13.4	13.2	13.1	13.1	12.9	12.9	12.8	12.8
<i>ddpB</i>	13.0	12.9	12.9	13.5	13.0	12.8	13.0	13.3
<i>ddpC</i>	13.1	13.1	13.0	13.0	13.1	13.0	13.1	13.1
<i>ddpD</i>	12.9	12.8	12.8	12.9	12.9	12.9	12.9	12.8
<i>ddpF</i>	13.0	13.0	13.0	13.6	13.2	13.0	13.1	12.9
<i>ddpX</i>	13.3	13.1	13.1	13.1	12.8	12.7	12.7	12.7
<i>deaD</i>	15.9	15.7	15.4	16.0	16.0	16.2	16.2	16.3
<i>dedA</i>	16.1	15.9	15.8	15.8	15.8	16.2	15.8	15.9
<i>dedD</i>	15.7	15.8	15.7	15.4	15.7	15.8	15.5	15.6
<i>def</i>	17.4	17.3	16.8	17.2	17.0	17.4	16.7	17.1
<i>degP</i>	15.9	16.3	16.1	15.8	16.2	15.7	15.8	16.2
<i>degQ</i>	15.3	15.2	15.0	15.3	15.0	15.2	15.0	15.1
<i>degS</i>	14.9	15.0	14.8	15.0	14.8	15.1	14.9	15.1
<i>deoA</i>	14.9	14.8	14.6	15.0	15.3	15.0	15.1	15.2
<i>deoB</i>	16.3	16.3	16.4	16.4	16.6	16.5	16.8	16.7

<i>deoC</i>	15.5	15.4	15.2	15.5	15.5	15.8	15.7	15.8
<i>deoD</i>	17.7	17.6	17.6	17.7	17.5	17.6	17.6	17.6
<i>deoR</i>	15.6	15.5	15.3	15.4	15.5	15.9	15.5	15.8
<i>der</i>	15.8	15.8	15.8	15.9	15.9	15.8	15.8	15.8
<i>dfp</i>	16.5	16.3	16.4	16.1	16.0	16.5	16.2	15.9
<i>dgkA</i>	16.3	16.2	16.0	15.9	15.9	16.2	15.7	16.0
<i>dgoA</i>	13.1	13.1	13.0	13.3	13.1	13.2	13.1	12.9
<i>dgoD</i>	13.2	13.2	13.1	13.1	13.2	13.2	13.2	13.1
<i>dgoK</i>	13.3	13.3	13.1	13.0	13.3	13.3	13.3	13.1
<i>dgoR</i>	14.0	14.0	13.8	13.5	13.8	14.0	13.9	13.9
<i>dgoT</i>	12.7	12.7	12.7	12.8	12.8	12.7	12.7	12.7
<i>dgsA</i>	14.8	14.6	14.8	14.5	15.1	14.8	14.8	14.9
<i>dgt</i>	14.8	14.6	14.5	14.4	14.5	14.7	14.4	14.5
<i>dhaK</i>	15.9	15.4	15.3	15.8	15.7	15.8	15.9	15.7
<i>dhaL</i>	15.9	15.5	15.4	15.8	15.9	15.8	15.9	15.9
<i>dhaM</i>	16.0	15.7	15.4	16.0	15.9	16.1	16.1	16.0
<i>dhaR</i>	13.8	13.8	13.6	13.7	13.8	13.9	13.6	13.6
<i>diaA</i>	16.5	16.5	16.1	16.3	16.3	16.5	16.1	16.5
<i>dicA</i>	16.6	16.6	16.0	15.8	16.5	16.9	15.9	16.3
<i>dicB</i>	12.9	13.0	12.8	13.2	12.9	13.2	12.8	12.8
<i>dicC</i>	13.1	13.0	12.9	13.1	13.1	12.9	12.9	13.0
<i>dicF</i>	13.6	13.6	13.5	13.3	13.5	13.8	13.6	13.7
<i>dinB</i>	14.0	14.2	14.0	13.6	13.6	14.0	13.7	13.8
<i>dinD</i>	13.7	13.8	13.5	13.4	13.5	13.5	13.2	13.2
<i>dinF</i>	13.5	13.5	13.5	13.7	13.4	13.4	13.5	13.3
<i>dinG</i>	13.8	13.8	13.7	13.4	13.7	13.7	13.6	13.5
<i>dinI</i>	17.0	17.3	17.0	16.8	16.4	16.9	16.2	16.5
<i>dinJ</i>	16.8	17.0	16.5	16.3	16.7	17.1	16.2	16.4
<i>dinQ</i>	17.1	17.7	16.8	16.9	16.9	17.3	16.6	17.9
<i>dipZ</i>	14.9	15.1	14.7	14.7	14.5	15.1	14.7	14.9
<i>djlA</i>	15.0	15.0	14.8	14.5	15.1	15.3	14.8	15.0
<i>djlB</i>	12.8	12.8	12.7	13.3	12.9	12.8	12.7	12.6
<i>djlC</i>	13.3	13.3	13.0	13.2	13.3	13.4	13.1	13.1
<i>dkgA</i>	16.2	16.3	15.8	16.1	15.5	15.9	15.5	15.7
<i>dkgB</i>	15.2	15.2	14.9	14.7	13.9	14.5	13.9	14.1
<i>dksA</i>	17.3	17.3	17.3	17.2	17.0	17.2	16.8	16.9
<i>dld</i>	16.6	16.9	16.7	16.7	15.9	16.5	16.1	16.1
<i>dmlA</i>	13.5	13.6	13.4	13.3	13.5	13.8	13.7	13.6
<i>dmlR</i>	14.4	14.1	14.2	13.7	14.3	14.3	14.2	14.3
<i>dmsA</i>	13.4	13.0	13.3	13.5	17.4	14.6	17.4	17.3
<i>dmsB</i>	13.3	13.0	13.2	13.5	16.9	14.3	17.0	17.2
<i>dmsC</i>	13.1	12.9	13.0	13.3	16.0	13.9	16.2	16.4
<i>dmsD</i>	14.6	14.5	14.2	14.1	15.5	14.9	15.5	15.6
<i>dnaA</i>	15.8	15.6	15.6	15.6	15.9	15.9	16.0	16.0
<i>dnaB</i>	15.8	15.8	15.5	15.5	15.6	15.7	15.6	15.7
<i>dnaC</i>	15.0	14.9	14.7	14.6	14.8	15.1	14.8	15.1
<i>dnaE</i>	15.1	15.0	15.0	14.7	15.0	15.0	14.9	14.8
<i>dnaG</i>	16.0	15.8	15.8	15.9	16.0	16.2	15.9	16.0
<i>dnaJ</i>	17.0	16.8	17.1	17.0	16.9	16.8	16.8	16.8
<i>dnaK</i>	18.5	18.4	18.5	18.6	18.5	18.3	18.4	18.6
<i>dnaN</i>	16.0	15.7	15.7	15.8	15.9	15.9	15.9	16.0
<i>dnaQ</i>	15.9	16.0	15.5	15.7	15.9	16.0	15.5	15.9
<i>dnaT</i>	14.7	14.6	14.6	14.3	14.7	14.7	14.7	14.9
<i>dnaX</i>	15.3	15.4	15.2	15.0	15.2	15.4	15.3	15.4
<i>dosC</i>	14.8	14.9	14.4	14.4	13.6	14.1	13.5	13.6
<i>dosP</i>	13.7	13.9	13.4	14.4	13.2	13.3	13.0	13.0
<i>dpiA</i>	14.0	13.9	13.7	13.8	13.9	14.1	13.9	14.0
<i>dpiB</i>	13.6	13.6	13.4	13.5	13.7	13.8	13.5	13.6
<i>dppA</i>	18.7	18.5	18.6	18.8	19.1	19.1	19.3	19.0
<i>dppB</i>	16.1	14.0	16.3	16.3	17.1	14.8	17.4	17.0
<i>dppC</i>	16.1	13.9	16.2	16.2	17.0	14.5	17.2	16.9

<i>dppD</i>	16.4	14.3	16.5	16.5	17.3	15.0	17.5	17.0
<i>dppF</i>	16.1	14.0	16.2	16.0	16.9	14.7	17.2	17.0
<i>dps</i>	18.6	18.3	17.9	18.6	18.6	17.5	17.0	18.8
<i>dsbA</i>	17.3	17.1	16.6	17.2	16.8	16.8	16.5	17.0
<i>dsbB</i>	15.2	15.2	15.0	14.7	14.8	15.4	15.1	15.6
<i>dsbC</i>	16.8	16.8	16.1	16.8	16.4	16.8	16.3	16.5
<i>dsbG</i>	15.0	14.7	14.4	14.6	14.6	14.8	14.3	14.4
<i>dsdA</i>	13.9	13.9	13.7	13.8	13.7	13.8	13.6	13.6
<i>dsdC</i>	13.7	13.7	13.5	13.5	13.2	13.6	13.4	13.4
<i>dsdX</i>	13.1	13.0	12.9	12.9	12.9	13.1	12.9	12.9
<i>dsrA</i>	13.8	13.7	13.3	12.9	13.4	14.0	13.0	13.0
<i>dsrB</i>	15.1	15.0	14.6	14.3	14.7	14.5	13.9	14.2
<i>dtf</i>	16.3	16.3	16.2	16.2	17.0	16.7	16.6	16.6
<i>dtpB</i>	13.7	13.3	13.4	13.5	13.4	13.3	13.5	13.7
<i>dtpD</i>	14.3	14.4	14.1	14.1	14.5	14.8	14.6	14.7
<i>dusA</i>	15.1	15.0	14.8	14.8	14.8	15.0	14.6	14.7
<i>dusB</i>	17.8	17.6	17.4	17.7	18.2	18.0	18.0	18.1
<i>dusC</i>	14.0	14.0	13.8	13.9	13.8	13.6	13.5	13.4
<i>dut</i>	16.7	16.6	16.9	16.8	16.4	16.4	16.6	16.2
<i>dxr</i>	14.9	14.9	14.7	14.8	14.6	14.8	14.7	14.8
<i>dxs</i>	15.8	15.4	15.6	15.5	15.4	15.3	15.5	15.7
<i>eaeH</i>	12.8	12.8	12.6	13.6	13.0	12.8	12.7	12.7
<i>eamA</i>	15.4	15.4	15.2	15.1	14.6	14.7	14.4	14.6
<i>eamB</i>	13.4	13.4	13.2	13.3	13.3	13.6	13.2	13.4
<i>ebgA</i>	12.6	12.6	12.6	12.8	12.8	12.7	12.6	12.8
<i>ebgC</i>	12.8	12.8	12.6	13.3	12.6	12.8	12.7	12.6
<i>ebgR</i>	14.5	14.5	14.1	14.5	14.3	14.5	14.1	14.2
<i>ecnA</i>	15.3	15.2	14.8	14.9	14.9	15.3	14.9	15.3
<i>ecnB</i>	17.8	17.9	17.0	17.1	15.6	16.3	15.0	16.2
<i>eco</i>	14.8	14.4	14.3	14.2	14.4	15.0	14.6	14.5
<i>ecpD</i>	12.6	12.5	12.5	13.8	12.7	12.6	12.5	12.6
<i>eda</i>	16.5	16.4	16.5	16.3	17.1	16.6	16.9	16.9
<i>edd</i>	15.0	15.0	14.9	14.8	15.5	15.0	15.2	14.9
<i>efeB</i>	14.7	16.9	16.4	14.2	13.1	15.1	14.7	12.9
<i>efeO</i>	15.7	18.1	17.5	15.5	13.1	16.1	15.6	13.2
<i>efeU_1</i>	16.2	18.6	18.2	15.7	13.6	17.1	16.4	13.3
<i>efeU_2</i>	14.5	16.8	16.3	13.7	13.0	15.2	14.7	12.8
<i>efp</i>	18.1	17.9	17.9	18.1	17.9	17.8	17.8	18.1
<i>elaA</i>	15.6	15.6	15.1	15.3	15.5	15.4	15.0	15.3
<i>elaB</i>	17.8	17.9	17.6	17.4	17.9	17.6	17.0	17.8
<i>elaD</i>	13.0	12.9	12.7	13.2	12.9	13.0	12.7	12.8
<i>elbB</i>	16.1	16.1	15.7	15.9	16.1	16.3	16.1	16.5
<i>elfA</i>	13.2	13.0	12.9	13.0	13.1	13.2	12.9	13.0
<i>elfC</i>	12.9	12.8	12.7	12.9	12.9	13.0	12.8	12.8
<i>elfD</i>	12.8	12.8	12.6	13.1	12.9	12.8	12.7	12.7
<i>elfG</i>	13.3	13.3	13.1	13.4	13.4	13.4	13.3	13.2
<i>emrA</i>	15.6	15.0	15.1	15.5	15.2	14.9	15.3	15.3
<i>emrB</i>	14.3	13.8	14.2	14.0	14.0	13.8	14.4	14.3
<i>emrD</i>	12.7	12.7	12.6	12.9	12.8	12.6	12.8	12.6
<i>emrE</i>	14.6	14.5	14.3	13.5	14.3	14.6	14.2	14.2
<i>emrK</i>	12.8	12.8	12.7	13.3	12.9	12.8	12.6	12.6
<i>emrY</i>	12.7	12.7	12.7	12.9	12.7	12.7	12.6	12.7
<i>emtA</i>	16.3	16.3	15.9	16.0	16.0	16.2	15.8	15.9
<i>endA</i>	13.1	12.9	12.8	13.0	13.2	13.2	13.2	13.2
<i>eno</i>	19.0	19.1	18.8	19.1	19.6	19.6	19.8	19.8
<i>entA</i>	13.4	18.3	18.5	13.4	13.3	17.8	18.1	12.9
<i>entB</i>	13.5	18.6	18.7	13.5	13.1	18.1	18.2	12.8
<i>entC</i>	13.2	18.7	19.0	13.3	12.7	17.9	17.9	12.5
<i>entD</i>	13.0	17.7	17.0	12.9	13.0	18.0	17.6	12.8
<i>entE</i>	13.2	18.5	18.7	12.9	12.7	17.9	17.9	12.6
<i>entF</i>	13.1	17.9	17.9	13.1	12.9	17.6	17.8	12.9

<i>entH</i>	13.5	18.2	18.3	13.2	13.4	17.8	18.0	13.2
<i>entS</i>	13.1	15.5	15.9	13.3	12.9	15.5	15.8	12.7
<i>envC</i>	15.4	15.5	15.2	15.2	15.4	15.7	15.5	15.6
<i>envR</i>	12.7	12.9	12.5	13.0	12.7	12.7	12.6	12.5
<i>envY</i>	13.3	13.3	13.0	13.2	13.2	13.4	14.0	13.1
<i>envZ</i>	14.2	14.1	14.0	13.8	14.1	14.1	14.1	14.2
<i>epd</i>	16.5	16.3	16.3	16.5	17.0	17.2	17.1	16.9
<i>eptA</i>	16.4	15.8	16.0	16.3	15.2	13.7	13.6	15.6
<i>eptB</i>	13.9	14.1	13.6	13.3	13.6	14.0	13.8	13.9
<i>era</i>	16.2	16.1	16.0	16.1	16.0	16.3	16.1	16.4
<i>erfK</i>	15.0	15.0	14.6	14.7	14.7	15.2	14.8	15.0
<i>erpA</i>	17.6	17.0	17.3	17.1	16.5	17.0	16.3	17.2
<i>essD</i>	13.4	13.4	13.1	13.7	13.5	13.4	13.3	13.0
<i>essQ</i>	13.2	13.3	13.1	14.0	13.5	13.3	13.3	13.0
<i>etk</i>	13.6	13.6	13.4	13.7	13.4	13.7	13.4	13.4
<i>etp</i>	13.7	13.7	13.5	13.5	13.6	13.7	13.4	13.5
<i>eutA</i>	12.6	12.6	12.6	12.9	12.8	12.6	12.7	12.6
<i>eutB</i>	14.4	14.4	14.4	14.2	14.1	14.4	14.3	14.2
<i>eutC</i>	14.3	14.3	14.2	14.2	13.8	14.3	14.0	13.9
<i>eutD</i>	12.9	12.9	12.8	13.1	12.8	12.8	12.9	12.6
<i>eutE</i>	12.8	12.8	12.7	13.0	12.9	12.8	12.9	12.7
<i>eutG</i>	12.8	12.8	12.8	13.4	13.0	12.8	13.0	12.6
<i>eutH</i>	12.8	12.9	12.7	12.9	13.0	12.7	13.0	12.7
<i>eutJ</i>	12.7	12.8	12.7	13.0	12.9	12.7	13.1	12.6
<i>eutK</i>	13.6	13.7	13.6	13.3	13.5	13.7	13.6	13.4
<i>eutL</i>	14.3	14.3	14.1	14.0	13.8	14.3	14.0	14.0
<i>eutM</i>	13.2	13.3	13.2	13.2	13.3	13.1	13.3	13.0
<i>eutN</i>	13.1	13.1	13.0	13.8	13.1	13.0	13.0	12.8
<i>eutP</i>	13.0	13.0	12.8	13.3	12.9	12.8	12.9	12.7
<i>eutQ</i>	12.9	12.9	12.9	13.2	13.0	12.8	13.0	12.7
<i>eutR</i>	13.4	13.5	13.3	13.4	13.4	13.6	13.5	13.4
<i>eutS</i>	12.7	12.8	12.7	12.9	12.8	12.8	12.9	12.8
<i>eutT</i>	12.7	12.8	12.7	13.1	12.7	12.7	12.7	12.6
<i>evgA</i>	16.8	17.2	16.5	16.5	16.7	17.1	16.4	16.6
<i>evgS</i>	14.5	14.7	14.3	14.2	14.2	14.4	13.9	14.0
<i>exbB</i>	16.6	18.7	18.6	16.1	14.2	18.9	19.0	14.5
<i>exbD</i>	16.4	18.5	18.1	16.2	14.1	18.8	18.5	14.4
<i>exoX</i>	15.4	15.5	15.3	15.1	15.6	15.9	15.7	15.5
<i>exuR</i>	15.9	15.7	15.3	15.5	15.5	16.0	15.4	15.7
<i>exuT</i>	13.1	13.0	13.0	12.8	13.1	13.2	13.1	13.1
<i>fabA</i>	17.1	17.1	17.5	17.0	17.1	16.9	16.9	16.9
<i>fabB</i>	17.8	17.9	18.4	17.8	18.1	18.0	18.5	18.2
<i>fabD</i>	17.8	17.8	17.6	17.8	17.9	17.8	17.7	17.7
<i>fabF</i>	17.3	17.2	17.2	17.5	17.3	17.1	17.4	17.5
<i>fabG</i>	18.4	18.4	18.3	18.4	18.6	18.4	18.5	18.5
<i>fabH</i>	17.4	17.4	17.4	17.3	17.6	17.3	17.4	17.4
<i>fabI</i>	18.1	18.0	18.3	18.1	17.7	17.8	17.9	18.0
<i>fabR</i>	16.1	16.2	16.0	15.7	16.1	16.3	15.8	16.1
<i>fabZ</i>	18.1	17.9	17.9	17.9	18.0	18.0	18.0	18.0
<i>fadA</i>	13.6	13.4	13.6	13.7	12.9	12.9	13.0	12.8
<i>fadB</i>	14.1	13.7	13.9	13.8	13.0	12.8	12.9	12.7
<i>fadD</i>	14.1	13.9	14.0	14.2	13.7	13.5	13.7	13.6
<i>fadE</i>	13.9	13.7	13.9	13.7	12.9	12.9	12.9	12.8
<i>fadH</i>	13.0	12.9	13.0	13.0	12.9	12.7	12.9	12.7
<i>fadI</i>	13.6	13.3	13.6	13.2	12.9	12.9	12.9	12.7
<i>fadJ</i>	13.9	13.8	13.8	13.6	13.1	13.2	13.1	13.1
<i>fadK</i>	12.8	12.8	12.7	12.8	12.9	12.9	12.9	12.8
<i>fadL</i>	15.1	14.7	15.0	14.8	13.4	13.7	13.4	13.5
<i>fadM</i>	14.0	13.8	13.7	13.6	13.5	13.5	13.3	13.3
<i>fadR</i>	15.2	15.1	15.0	14.9	15.1	15.3	15.0	15.2
<i>fbaA</i>	18.9	18.9	18.9	19.0	19.2	19.2	19.5	19.1

<i>fbaB</i>	17.6	17.2	17.4	17.7	17.9	17.3	17.6	17.7
<i>fbp</i>	16.9	16.8	17.0	16.9	16.3	16.4	16.3	16.3
<i>fcl</i>	12.8	12.8	12.7	13.0	12.9	12.7	12.8	12.6
<i>fdhD</i>	14.5	14.4	14.2	14.1	14.5	14.7	14.3	14.6
<i>fdhE</i>	15.3	15.2	15.0	14.8	14.8	15.3	14.9	15.1
<i>fdhF</i>	13.2	13.1	13.1	13.0	16.4	14.6	16.5	16.8
<i>fdnG</i>	13.1	12.9	12.9	13.3	13.1	13.0	13.1	12.9
<i>fdnH</i>	12.8	12.8	12.7	13.1	13.0	12.9	12.9	12.7
<i>fdnI</i>	13.2	13.2	12.9	13.2	13.1	13.2	13.1	13.1
<i>fdoG</i>	15.2	14.4	15.1	15.0	13.3	13.1	13.3	13.2
<i>fdoH</i>	13.8	13.6	13.7	13.5	13.2	13.1	13.2	12.9
<i>fdol</i>	15.0	14.8	14.6	14.7	14.2	14.7	14.1	14.2
<i>fdrA</i>	12.7	12.8	12.6	12.8	12.7	12.7	12.7	12.6
<i>fdx</i>	17.3	16.1	17.0	17.0	16.3	15.7	16.5	16.4
<i>feaB</i>	13.5	13.5	13.4	13.6	13.4	13.3	13.2	13.2
<i>feaR</i>	13.7	13.5	13.4	13.4	13.0	12.9	12.8	12.8
<i>fecA</i>	13.3	15.6	15.4	13.3	13.4	17.7	15.9	12.8
<i>fecB</i>	13.8	15.2	15.1	13.9	13.5	17.2	15.5	13.2
<i>fecC</i>	12.9	13.9	14.1	13.1	12.9	15.3	14.3	12.8
<i>fecD</i>	13.2	14.1	14.1	13.2	13.1	15.2	14.0	12.9
<i>fecE</i>	13.5	14.6	14.6	13.7	13.2	15.7	14.6	13.2
<i>fecI</i>	14.5	17.9	17.7	14.0	13.4	18.2	17.9	13.6
<i>fecR</i>	13.3	15.9	16.1	13.1	12.9	15.9	16.3	12.8
<i>feoA</i>	16.0	17.2	16.9	15.4	15.8	19.7	19.9	16.0
<i>feoB</i>	14.6	15.8	15.8	14.2	14.5	18.6	19.1	14.8
<i>feoC</i>	14.0	14.9	15.3	13.9	14.1	17.9	18.4	14.4
<i>fepA</i>	13.4	19.4	19.4	14.7	13.2	19.2	19.3	12.8
<i>fepB</i>	13.9	16.3	16.7	13.4	13.1	16.5	16.8	12.9
<i>fepC</i>	13.3	15.7	15.6	13.0	12.8	15.8	15.6	12.6
<i>fepD</i>	12.9	14.7	15.0	12.8	12.9	14.9	15.0	12.9
<i>fepE</i>	12.7	13.4	13.2	13.3	12.8	13.1	12.9	12.6
<i>fepG</i>	13.1	15.0	15.2	13.2	12.9	15.3	15.1	12.7
<i>fes</i>	12.9	17.5	17.5	13.1	12.7	17.4	17.3	12.6
<i>ffh</i>	16.5	16.4	16.2	16.4	16.4	16.3	16.2	16.3
<i>ffs</i>	17.7	17.7	18.7	17.5	18.2	17.4	17.1	17.8
<i>fhlA</i>	13.7	13.4	13.5	13.4	13.9	13.6	14.1	14.1
<i>fhuA</i>	15.3	16.9	16.7	14.8	13.3	17.2	17.1	13.4
<i>fhuB</i>	13.1	13.7	13.9	13.7	13.1	13.8	14.1	12.8
<i>fhuC</i>	13.8	15.0	14.9	13.7	13.2	15.2	15.1	13.1
<i>fhuD</i>	13.7	14.9	14.6	13.5	13.0	14.9	14.8	13.1
<i>fhuE</i>	13.1	17.2	16.6	13.0	13.0	17.5	17.1	12.8
<i>fhuF</i>	15.8	18.6	18.4	15.4	13.1	18.7	18.8	13.2
<i>fic</i>	14.7	14.9	14.4	14.2	14.6	14.5	14.2	14.5
<i>fieF</i>	15.9	15.9	15.6	15.8	16.3	16.0	15.9	16.1
<i>fimA</i>	18.8	19.4	18.9	18.7	19.4	19.6	19.5	19.2
<i>fimB</i>	15.6	15.3	15.2	15.3	15.6	16.1	15.4	15.2
<i>fimC</i>	15.8	16.8	15.7	15.5	16.7	17.4	16.5	16.0
<i>fimD</i>	14.0	15.0	14.0	13.7	14.6	15.4	14.6	14.2
<i>fimE</i>	13.6	13.3	13.4	13.4	13.5	13.2	13.2	12.8
<i>fimF</i>	14.4	15.3	14.3	14.0	14.8	15.7	14.9	14.6
<i>fimG</i>	13.9	14.8	14.0	14.1	14.7	15.2	14.7	14.3
<i>fimH</i>	14.2	15.1	14.3	13.7	14.8	15.5	14.8	14.6
<i>fimI</i>	16.1	17.2	16.3	15.9	17.4	17.7	17.2	16.6
<i>fimZ</i>	12.8	12.8	12.6	13.0	12.9	13.1	12.6	12.7
<i>fis</i>	18.8	18.6	18.4	18.7	18.7	18.6	18.7	18.5
<i>fiu</i>	13.4	19.0	19.4	13.1	12.7	14.4	13.8	12.6
<i>fixA</i>	12.9	12.9	12.8	13.2	12.9	12.9	12.9	12.8
<i>fixB</i>	12.7	12.7	12.7	13.0	12.9	12.7	12.8	12.6
<i>fixC</i>	12.7	12.8	12.7	13.0	12.8	12.8	12.9	12.8
<i>fixX</i>	13.0	12.9	12.9	14.8	13.2	12.9	13.1	12.9
<i>flbB</i>	17.1	17.0	17.1	16.8	17.0	16.8	16.7	16.6

<i>fkpA</i>	17.2	17.1	16.8	17.0	17.0	17.1	16.6	17.0
<i>fkpB</i>	16.6	16.5	16.7	16.5	16.7	16.8	16.9	16.7
<i>fldA</i>	18.2	18.2	18.0	18.1	17.8	17.9	17.6	17.8
<i>fldB</i>	15.7	15.8	15.4	15.3	15.5	15.7	15.3	15.8
<i>flgA</i>	13.7	14.3	13.9	13.8	13.5	14.1	13.6	13.3
<i>flgB</i>	14.0	15.1	14.4	13.9	13.4	14.9	13.9	13.0
<i>flgC</i>	14.0	15.1	14.3	13.9	13.6	14.8	13.9	12.9
<i>flgD</i>	13.9	14.9	14.3	14.1	13.3	14.7	14.2	13.0
<i>flgE</i>	14.1	15.1	14.6	14.1	13.5	14.9	14.0	13.2
<i>flgF</i>	13.4	14.1	13.7	13.6	13.3	13.8	13.5	12.8
<i>flgG</i>	13.7	14.5	14.0	13.4	13.3	14.1	13.7	13.1
<i>flgH</i>	13.1	13.6	13.2	13.0	12.9	13.4	13.0	12.8
<i>flgI</i>	13.1	13.4	13.2	13.2	13.3	13.2	13.1	12.8
<i>flgJ</i>	13.1	13.4	13.1	13.0	13.0	13.3	13.0	12.8
<i>flgK</i>	13.2	13.5	13.1	13.2	13.2	13.5	13.6	12.9
<i>flgL</i>	13.5	13.9	13.4	13.4	13.3	13.9	13.3	13.3
<i>flgM</i>	14.5	14.9	14.2	14.0	14.0	14.9	14.1	14.2
<i>flgN</i>	14.0	14.3	13.7	13.6	13.7	14.3	13.7	13.7
<i>flhA</i>	13.0	13.2	12.9	13.1	13.1	13.1	13.1	12.9
<i>flhB</i>	12.9	13.1	12.9	13.2	12.9	13.0	13.0	12.7
<i>flhC</i>	15.0	15.3	14.9	14.6	14.6	15.3	14.5	14.6
<i>flhD</i>	15.6	15.9	15.4	15.1	15.3	16.0	15.2	15.3
<i>flhE</i>	12.9	12.9	12.8	12.8	12.9	12.9	12.9	12.8
<i>fliA</i>	13.4	14.4	13.8	13.6	13.3	14.3	13.5	12.9
<i>fliC</i>	14.2	15.6	14.3	14.3	14.3	15.9	14.6	14.2
<i>fliD</i>	13.2	13.7	13.2	13.3	13.1	13.8	13.2	12.9
<i>fliE</i>	13.3	13.7	13.4	13.5	13.5	13.6	13.3	13.0
<i>fliF</i>	13.0	13.4	13.1	13.0	12.9	13.2	12.9	12.7
<i>fliG</i>	13.1	13.7	13.2	13.2	13.0	13.5	13.1	12.9
<i>fliH</i>	13.1	13.4	13.3	13.4	13.1	13.3	13.2	12.9
<i>fliI</i>	12.9	13.1	12.9	13.2	12.9	13.0	12.9	12.6
<i>fliJ</i>	13.2	13.5	13.2	13.2	16.3	13.5	13.1	12.8
<i>fliK</i>	13.1	13.4	13.1	13.2	13.0	13.3	13.0	12.7
<i>fliL</i>	13.4	14.1	13.6	13.4	13.1	14.0	13.2	12.9
<i>fliM</i>	13.2	13.7	13.4	13.2	13.1	13.4	13.1	12.7
<i>fliN</i>	13.3	13.8	13.4	13.5	13.0	13.5	13.2	12.8
<i>fliO</i>	13.1	13.4	13.2	13.5	13.1	13.1	13.1	12.9
<i>fliP</i>	12.9	13.0	12.9	13.0	12.9	12.9	12.9	12.7
<i>fliQ</i>	13.1	13.2	13.1	12.8	13.0	13.1	13.0	13.2
<i>fliR</i>	12.7	12.8	12.7	12.7	12.7	12.8	12.6	12.6
<i>fliS</i>	13.3	13.8	13.2	13.0	13.2	13.7	13.3	13.2
<i>fliT</i>	13.3	13.5	13.0	13.5	13.5	13.4	13.2	13.0
<i>fliY</i>	18.5	18.6	18.2	18.3	18.5	18.7	18.2	18.2
<i>fliZ</i>	13.9	14.6	13.9	13.7	13.6	14.6	13.6	13.7
<i>flk</i>	14.5	14.5	14.4	14.1	14.3	14.5	14.3	14.2
<i>flu</i>	15.7	14.8	15.1	15.8	15.5	14.4	14.8	13.9
<i>flxA</i>	13.8	13.9	13.4	14.0	13.3	13.8	13.2	13.1
<i>fnt</i>	16.3	16.2	16.1	16.2	16.1	16.4	16.2	16.2
<i>fnr</i>	17.9	18.1	17.8	17.6	17.0	17.6	16.9	17.2
<i>fnrS</i>	14.8	14.4	13.9	13.5	19.3	19.6	18.8	19.4
<i>focA</i>	16.2	16.1	16.0	16.0	18.4	18.4	18.4	18.4
<i>focB</i>	13.1	13.1	13.0	13.0	13.1	13.3	13.1	13.1
<i>folA</i>	15.8	15.8	15.5	15.2	15.0	15.3	14.8	15.0
<i>folB</i>	15.2	15.1	14.7	14.7	15.0	14.9	14.4	14.6
<i>folC</i>	15.7	15.6	15.4	15.4	15.3	15.4	15.1	15.2
<i>folD</i>	17.1	17.1	16.8	16.8	16.9	17.1	16.9	16.8
<i>folE</i>	18.9	19.3	19.0	18.9	17.5	18.3	17.7	17.7
<i>folK</i>	14.8	14.9	14.6	14.5	14.5	14.8	14.6	14.6
<i>folM</i>	14.5	14.5	14.1	14.0	14.4	14.9	14.6	14.6
<i>folP</i>	15.9	15.8	15.7	15.7	15.8	15.9	15.6	15.7
<i>folX</i>	17.7	17.5	17.4	17.7	16.3	16.8	16.2	16.4

<i>fpr</i>	15.9	16.2	16.1	15.7	15.5	15.7	15.6	15.6
<i>frc</i>	13.0	13.1	12.9	13.3	12.9	13.0	12.8	12.8
<i>frdA</i>	14.6	13.6	14.5	14.5	17.1	15.9	17.4	17.2
<i>frdB</i>	14.6	13.6	14.3	14.4	16.7	15.8	17.2	17.2
<i>frdC</i>	14.3	13.4	14.0	14.0	16.4	15.4	16.8	16.7
<i>frdD</i>	13.7	13.1	13.7	13.4	15.6	14.7	16.3	16.2
<i>fre</i>	16.6	16.6	16.3	16.5	16.5	16.6	16.3	16.4
<i>frlA</i>	12.5	12.6	12.5	12.9	12.6	12.5	12.5	12.5
<i>frlB</i>	12.8	12.8	12.8	12.9	12.9	12.9	12.8	12.7
<i>frlC</i>	13.1	13.0	13.0	13.3	13.2	13.1	13.2	13.0
<i>frlD</i>	13.1	13.0	13.0	13.0	13.1	13.1	13.2	13.0
<i>frlR</i>	14.8	14.8	14.6	14.4	14.6	15.1	14.7	14.8
<i>frmA</i>	15.6	15.3	15.4	15.5	15.0	15.5	15.1	15.0
<i>frmB</i>	14.4	14.2	13.9	14.3	13.6	14.3	14.2	13.8
<i>frmR</i>	16.0	15.8	15.8	16.0	15.6	15.8	15.4	15.4
<i>frr</i>	18.4	18.2	18.0	18.5	18.0	18.0	17.8	18.2
<i>frsA</i>	14.9	15.0	14.9	14.5	14.9	15.1	15.0	15.1
<i>fruA</i>	14.5	14.5	14.1	14.3	14.8	15.2	15.3	15.1
<i>fruB</i>	14.2	14.1	13.6	14.0	14.4	15.0	15.0	14.7
<i>fruK</i>	14.6	14.6	14.1	14.4	14.9	15.2	15.3	15.0
<i>fruL</i>	16.3	16.1	15.3	16.5	15.6	16.3	15.4	15.7
<i>fruR</i>	15.6	15.4	15.5	15.4	16.4	16.0	16.4	16.4
<i>frvA</i>	12.9	12.8	12.7	13.8	13.0	12.9	12.8	12.9
<i>frvB</i>	12.7	12.8	12.7	13.4	12.9	12.7	12.8	12.7
<i>frvR</i>	12.8	12.8	12.6	13.2	12.7	12.8	12.7	12.7
<i>frvX</i>	13.1	13.2	13.0	13.1	13.0	13.0	13.0	12.9
<i>frwB</i>	13.4	13.4	13.1	14.1	13.8	13.2	13.3	12.8
<i>frwC</i>	12.7	12.8	12.7	14.4	13.0	12.8	12.9	12.6
<i>frwD</i>	13.0	12.9	12.8	13.2	13.2	12.8	13.0	12.8
<i>fryA</i>	12.7	12.8	12.7	13.2	13.0	12.8	12.9	12.7
<i>fryB</i>	12.9	12.8	12.6	13.0	12.8	12.8	12.8	12.6
<i>fryC</i>	12.6	12.6	12.6	12.8	12.6	12.6	12.6	12.6
<i>fsaA</i>	14.0	14.0	13.5	13.9	14.0	14.2	13.9	13.9
<i>fsaB</i>	13.4	13.2	13.1	13.1	14.4	14.6	14.2	14.2
<i>fsr</i>	13.9	14.3	14.0	13.8	13.5	13.7	13.5	13.4
<i>ftnA</i>	18.0	15.9	15.4	18.0	19.0	16.1	15.2	18.8
<i>ftnB</i>	15.5	14.4	14.8	15.2	15.2	15.4	15.1	15.5
<i>ftsA</i>	16.6	16.7	16.3	16.6	16.8	16.7	16.4	16.6
<i>ftsB</i>	16.4	16.4	16.3	16.4	16.5	16.3	16.0	16.4
<i>ftsE</i>	15.4	15.4	15.6	15.2	15.8	15.5	15.7	15.6
<i>ftsH</i>	17.1	17.2	17.0	17.1	17.3	17.2	17.1	17.2
<i>ftsI</i>	15.7	15.7	15.7	15.1	15.9	15.9	15.4	15.8
<i>ftsK</i>	16.1	16.3	16.0	15.9	15.8	16.5	16.0	16.1
<i>ftsL</i>	16.5	16.4	16.1	16.3	16.4	16.7	16.1	16.5
<i>ftsN</i>	15.7	15.8	15.6	15.9	15.6	16.0	15.6	15.6
<i>ftsP</i>	14.9	14.6	14.8	14.6	14.9	14.6	15.0	15.0
<i>ftsQ</i>	16.1	16.2	15.9	15.9	16.5	16.2	15.9	16.1
<i>ftsW</i>	15.1	15.0	15.1	14.7	15.2	15.2	15.1	15.4
<i>ftsX</i>	15.3	15.3	15.3	15.3	15.4	15.4	15.5	15.8
<i>ftsY</i>	16.2	16.1	16.0	16.0	16.2	16.2	15.9	16.1
<i>ftsZ</i>	17.7	17.8	17.8	17.9	18.4	17.8	18.1	18.1
<i>fucA</i>	13.5	13.4	13.3	13.4	13.5	13.6	13.4	13.3
<i>fucI</i>	13.0	13.0	13.0	13.3	12.9	12.9	12.9	12.7
<i>fucK</i>	14.0	13.9	13.8	13.7	13.9	13.9	13.6	13.7
<i>fucO</i>	13.6	13.4	13.6	13.4	13.8	13.7	13.9	13.8
<i>fucP</i>	12.7	12.7	12.6	12.8	12.8	12.7	12.6	12.6
<i>fucR</i>	14.9	14.9	14.7	14.6	14.6	15.1	14.6	14.7
<i>fucU</i>	15.3	15.3	15.1	14.9	15.3	15.3	15.1	15.2
<i>fumA</i>	17.3	15.0	17.2	17.4	13.8	13.5	13.8	14.1
<i>fumB</i>	13.2	12.8	13.2	13.5	15.7	15.4	15.7	15.7
<i>fumC</i>	15.3	14.3	15.4	15.3	13.2	13.0	13.3	13.2

<i>fur</i>	18.4	14.0	13.8	18.3	17.6	14.1	13.6	17.8
<i>fusA</i>	19.8	19.8	20.1	20.0	19.9	19.6	19.9	19.8
<i>fxsA</i>	15.3	15.2	15.1	15.0	15.1	15.3	14.9	15.1
<i>G6084</i>	13.0	13.0	12.9	12.7	12.7	13.0	12.9	13.1
<i>G6272</i>	13.3	13.2	13.0	13.3	13.5	13.4	13.1	13.1
<i>G6294</i>	12.9	12.9	12.7	13.1	12.9	12.9	12.8	12.9
<i>G6336</i>	13.6	13.5	13.2	13.5	13.2	13.5	13.2	13.5
<i>G6678</i>	13.2	13.4	13.2	13.2	13.2	13.4	13.2	13.3
<i>G6690</i>	13.1	13.1	12.9	13.7	13.1	13.4	13.0	12.9
<i>G6740</i>	12.8	13.0	12.8	13.0	12.9	12.9	12.9	13.0
<i>G6748</i>	12.9	12.9	12.7	12.9	12.8	12.7	12.7	12.9
<i>G7034</i>	12.8	12.8	12.8	12.9	13.0	12.8	12.7	12.8
<i>G7121</i>	13.4	13.3	13.1	13.9	13.2	13.4	13.1	13.0
<i>G7353</i>	13.9	13.9	13.6	13.5	13.8	13.5	13.3	13.1
<i>G7388</i>	13.0	13.2	13.0	13.2	13.2	13.1	13.0	12.9
<i>G7561</i>	13.2	13.5	13.3	13.4	13.0	13.2	13.0	12.9
<i>G7562</i>	14.6	16.2	16.0	14.5	13.6	16.8	16.3	13.4
<i>G7818</i>	13.4	13.3	13.1	13.4	13.3	13.4	13.1	13.2
<i>G7881</i>	15.5	15.4	14.8	14.9	14.6	15.4	14.6	14.8
<i>gabD</i>	14.8	14.7	14.5	14.7	14.1	14.0	14.0	14.2
<i>gabP</i>	13.9	13.6	13.7	13.4	13.1	13.0	13.0	13.1
<i>gabT</i>	14.5	14.4	14.4	14.4	13.8	13.8	13.9	13.9
<i>gadA</i>	17.0	17.2	16.8	17.0	19.0	18.6	18.8	19.3
<i>gadB</i>	17.1	17.3	16.9	17.3	19.2	18.7	18.9	19.3
<i>gadC</i>	16.3	16.6	16.0	16.5	18.7	18.3	18.6	19.1
<i>gadE</i>	15.8	16.0	15.2	15.6	18.7	17.9	17.8	18.5
<i>gadW</i>	16.3	16.0	15.1	16.3	17.1	16.9	16.9	17.3
<i>gadX</i>	17.0	16.9	16.0	16.8	17.8	17.7	17.4	17.9
<i>gadY</i>	14.5	14.3	14.0	13.8	15.6	15.5	14.4	15.5
<i>galE</i>	15.6	15.7	15.5	15.6	15.0	15.1	14.9	15.0
<i>galF</i>	17.8	17.6	17.6	17.7	17.6	17.5	17.6	17.6
<i>galK</i>	15.7	15.8	16.0	15.5	15.7	15.7	15.6	15.2
<i>galM</i>	16.5	16.6	16.9	17.1	16.4	16.7	16.9	16.6
<i>galP</i>	15.1	15.0	14.7	14.9	14.5	14.6	14.6	14.7
<i>galR</i>	14.7	14.6	14.3	14.4	14.6	14.9	14.6	14.8
<i>galS</i>	13.3	13.2	13.1	13.4	13.1	13.0	13.0	12.8
<i>galT</i>	15.1	15.1	15.1	15.0	14.3	14.8	14.5	14.4
<i>galU</i>	17.5	17.4	17.0	17.6	17.1	17.3	16.9	17.3
<i>gapA</i>	19.8	19.7	19.9	19.8	20.1	20.1	20.2	20.0
<i>gapC_1</i>	17.5	17.6	16.9	17.3	18.2	18.1	17.9	18.0
<i>gapC_2</i>	16.5	16.6	15.5	16.6	17.0	17.4	16.8	17.0
<i>garD</i>	13.5	13.5	13.2	13.7	14.0	13.9	13.7	13.7
<i>garK</i>	13.6	13.9	13.4	13.6	13.7	13.6	13.6	13.5
<i>garL</i>	13.1	13.0	12.9	12.9	13.1	13.1	13.0	12.8
<i>garP</i>	12.8	12.8	12.7	13.6	12.9	12.8	12.9	12.6
<i>garR</i>	13.7	13.5	13.5	13.5	13.7	13.6	13.6	13.5
<i>gatA</i>	19.6	19.2	19.6	19.7	19.7	19.4	19.7	19.5
<i>gatB</i>	19.7	19.1	19.7	19.6	19.6	19.5	19.7	19.5
<i>gatC</i>	19.1	18.6	19.5	19.2	19.4	18.8	19.5	19.1
<i>gatD</i>	18.2	17.9	18.2	18.4	18.3	18.2	18.4	18.1
<i>gatR_1</i>	12.9	12.8	12.7	13.0	12.8	13.0	12.7	12.8
<i>gatR_2</i>	16.4	16.2	16.2	16.4	16.7	16.7	16.6	16.6
<i>gatY</i>	19.4	19.2	19.7	19.4	19.8	19.4	19.8	19.5
<i>gatZ</i>	19.7	19.5	20.0	19.8	20.0	19.7	20.0	19.7
<i>gcd</i>	15.8	16.3	15.5	15.8	13.1	13.5	13.2	13.4
<i>gcl</i>	12.8	12.8	12.7	13.0	12.8	12.8	13.5	12.8
<i>gcp</i>	15.0	14.9	14.9	14.5	14.7	14.7	14.7	14.8
<i>gcvA</i>	15.2	15.1	14.9	14.6	15.1	15.5	15.0	15.2
<i>gcvB</i>	15.5	15.1	14.6	15.2	14.1	14.7	13.8	14.6
<i>gcvH</i>	18.1	17.4	17.4	18.0	16.2	15.7	15.9	16.2
<i>gcvP</i>	16.2	16.1	15.9	16.3	14.4	14.6	14.7	14.8

<i>gcvR</i>	17.6	17.6	17.2	17.3	17.5	18.0	17.3	17.5
<i>gcvT</i>	16.9	16.6	16.4	16.8	14.9	15.0	14.8	15.0
<i>gdhA</i>	18.5	19.2	19.2	18.5	18.6	18.9	18.8	18.7
<i>gfcA</i>	13.8	13.8	13.6	14.2	13.7	13.9	13.8	13.9
<i>gfcB</i>	12.9	13.0	12.8	13.1	12.9	13.1	12.9	12.8
<i>gfcC</i>	12.9	12.9	12.9	13.1	13.2	13.0	12.9	12.7
<i>gfcD</i>	12.9	12.9	12.8	13.1	13.0	12.8	12.9	12.7
<i>gfcE</i>	13.4	13.3	13.1	13.0	13.1	13.4	13.1	13.0
<i>ggt</i>	14.9	14.8	14.7	14.8	14.1	14.1	13.8	14.0
<i>ghrA</i>	16.7	16.6	16.4	16.9	16.0	16.2	15.9	16.0
<i>ghrB</i>	17.5	17.6	17.3	17.4	16.6	17.1	16.7	16.7
<i>glcA</i>	13.2	13.1	13.2	13.1	12.9	12.9	12.9	12.7
<i>glcB</i>	15.0	14.8	14.8	15.1	14.3	14.4	14.3	14.4
<i>glcC</i>	14.8	14.6	14.3	14.8	13.0	12.9	12.9	12.9
<i>glcD</i>	13.2	13.0	13.1	13.2	13.2	12.9	13.0	12.8
<i>glcE</i>	13.2	12.9	13.0	13.1	13.1	12.8	12.9	12.7
<i>glcF</i>	13.8	13.5	13.4	13.6	13.4	13.4	13.3	13.2
<i>glcG</i>	15.4	15.2	14.9	15.0	14.8	14.7	14.3	14.5
<i>gldA</i>	13.4	13.3	13.2	13.4	15.9	15.9	16.0	16.3
<i>glf</i>	17.1	16.9	16.5	17.0	17.2	16.8	16.4	16.5
<i>glgA</i>	16.7	16.6	16.6	16.7	16.8	16.5	16.8	16.7
<i>glgB</i>	17.2	16.9	17.1	17.2	17.2	16.9	17.3	17.1
<i>glgC</i>	17.0	16.9	16.8	17.1	17.0	16.7	17.0	17.0
<i>glgP</i>	16.2	16.2	15.9	16.3	16.1	16.1	16.1	16.3
<i>glgS</i>	17.5	17.4	16.9	16.9	17.7	18.0	16.8	17.9
<i>glgX</i>	16.2	16.0	16.0	16.2	16.2	16.0	16.1	16.1
<i>glk</i>	15.7	15.6	15.6	15.5	16.0	16.2	16.1	16.1
<i>glmM</i>	16.6	16.6	16.5	16.6	16.6	16.6	16.6	16.6
<i>glmS</i>	17.3	17.3	17.4	17.4	17.3	17.3	17.5	17.5
<i>glmU</i>	17.1	17.1	16.9	17.1	17.3	17.2	17.1	17.3
<i>glmY</i>	18.1	18.4	18.4	17.6	18.9	18.6	17.6	18.3
<i>glmZ</i>	18.3	18.0	18.5	17.9	18.8	18.3	18.0	18.6
<i>glnA</i>	18.8	18.5	18.7	18.7	17.4	18.1	18.1	17.8
<i>glnB</i>	16.9	16.9	16.3	16.6	16.5	16.6	16.0	16.5
<i>glnD</i>	15.5	15.7	15.5	15.2	15.1	15.8	15.5	15.2
<i>glnE</i>	15.3	15.3	15.0	15.2	15.4	15.3	15.2	15.3
<i>glnG</i>	14.8	14.6	14.6	14.7	14.0	14.3	14.4	14.2
<i>glnH</i>	18.7	18.4	18.4	18.7	17.8	18.4	18.2	17.6
<i>glnK</i>	14.3	13.8	13.7	13.7	12.9	13.5	13.1	13.0
<i>glnL</i>	15.6	15.4	15.3	15.5	14.3	14.9	14.7	14.5
<i>glnP</i>	17.0	16.9	17.2	17.0	16.2	16.9	17.1	16.4
<i>glnQ</i>	16.9	16.7	16.7	16.8	15.9	16.5	16.6	16.2
<i>glnS</i>	17.2	17.2	17.1	17.2	17.1	17.3	17.3	17.4
<i>glnU</i>	19.3	19.1	19.1	19.1	18.8	19.1	19.0	19.6
<i>glnV</i>	18.9	18.9	18.9	18.4	18.4	19.3	18.2	18.8
<i>glnW</i>	19.6	19.7	19.4	19.5	19.2	19.5	19.1	19.5
<i>glnX</i>	18.4	18.6	18.6	18.6	18.5	18.8	18.1	18.7
<i>gloA</i>	17.0	17.0	16.8	16.7	16.9	16.9	16.7	16.9
<i>gloB</i>	15.3	15.1	14.8	14.8	15.0	15.2	14.7	14.9
<i>glpA</i>	12.7	12.7	12.7	13.0	13.0	12.7	13.0	12.6
<i>glpB</i>	12.9	13.0	12.8	13.3	13.3	12.9	13.0	12.7
<i>glpC</i>	12.9	12.9	12.7	13.2	13.0	12.9	12.9	12.7
<i>glpD</i>	13.4	13.4	13.3	13.2	13.1	12.9	13.0	12.7
<i>glpE</i>	15.6	15.6	15.2	14.9	14.3	14.7	14.0	14.2
<i>glpF</i>	13.5	13.3	13.2	13.2	13.1	13.2	13.0	13.3
<i>glpG</i>	15.9	15.9	15.5	15.8	15.7	15.9	15.3	15.5
<i>glpK</i>	14.0	13.9	13.7	13.8	13.5	13.7	13.6	13.6
<i>glpQ</i>	14.0	14.1	13.6	13.7	14.0	14.3	13.7	13.9
<i>glpR</i>	15.3	15.3	15.2	14.9	15.0	15.3	15.1	15.1
<i>glpT</i>	13.1	13.1	13.0	13.0	13.2	13.1	13.0	12.9
<i>glpX</i>	14.5	14.4	14.4	14.1	15.1	14.9	15.0	15.2

<i>glrK</i>	14.1	14.1	14.0	13.8	14.3	14.4	14.1	14.2
<i>glrR</i>	14.9	14.9	14.5	14.5	14.6	14.9	14.5	14.6
<i>gliA</i>	19.0	18.9	19.4	19.0	16.7	17.7	17.3	17.1
<i>gliB</i>	18.7	17.9	18.9	18.8	18.6	17.7	18.8	18.6
<i>gliD</i>	18.5	17.7	18.6	18.6	18.5	17.4	18.5	18.3
<i>gliF</i>	15.5	14.9	15.0	15.4	14.9	14.6	14.6	14.6
<i>gliI</i>	17.6	17.7	17.3	17.7	15.5	16.6	15.9	16.0
<i>gliJ</i>	14.7	14.6	14.7	14.7	13.6	13.9	13.9	13.7
<i>gliK</i>	15.3	15.1	14.9	15.3	13.8	14.3	13.9	14.0
<i>gliL</i>	15.2	15.0	14.9	14.9	13.9	14.3	14.1	14.1
<i>gliP</i>	14.8	14.3	15.0	14.9	15.3	15.3	15.4	15.4
<i>gliS</i>	14.5	14.4	14.3	14.4	14.6	14.4	14.4	14.8
<i>gliT</i>	17.2	17.1	18.1	17.0	18.8	17.7	18.0	17.8
<i>gliU</i>	18.4	18.5	18.4	17.6	18.9	18.5	18.1	18.0
<i>gliV</i>	18.5	18.4	18.7	17.5	19.1	18.4	18.2	18.1
<i>gliW</i>	18.6	18.3	18.7	17.9	19.3	18.7	18.8	18.6
<i>gliX</i>	17.3	17.2	17.2	17.3	17.4	17.3	17.5	17.4
<i>glvB</i>	12.8	12.9	12.7	12.9	12.8	12.8	12.7	12.8
<i>glvC</i>	12.6	12.7	12.6	12.8	12.8	12.6	12.7	12.5
<i>glvG</i>	13.2	13.0	13.0	13.1	13.1	13.3	13.1	13.1
<i>glxK</i>	13.5	13.4	13.4	13.6	13.8	13.4	13.5	13.2
<i>glxR</i>	12.9	12.9	12.7	13.0	13.2	12.9	13.7	12.7
<i>glyA</i>	19.1	19.1	19.0	19.1	19.4	19.1	19.3	19.4
<i>glyQ</i>	16.9	16.9	17.3	17.0	17.1	16.7	17.3	16.9
<i>glyS</i>	17.0	17.0	17.0	17.1	16.9	17.0	17.2	17.1
<i>glyT</i>	19.8	19.7	19.8	19.3	19.8	19.9	19.6	19.6
<i>glyU</i>	15.8	15.6	15.8	14.7	16.4	15.8	15.0	15.2
<i>glyV</i>	20.0	19.9	19.6	19.8	19.8	20.0	19.2	19.8
<i>glyW</i>	19.4	19.5	18.9	18.8	19.2	19.5	18.5	19.4
<i>glyX</i>	19.9	19.8	19.2	19.7	19.5	19.9	18.8	19.8
<i>glyY</i>	19.2	19.3	19.0	19.3	19.3	19.5	18.6	19.3
<i>gmd</i>	13.0	13.1	12.9	13.0	13.0	12.9	12.8	12.7
<i>gmhB</i>	16.7	16.8	16.1	16.4	16.8	16.9	16.6	16.7
<i>gmk</i>	17.5	17.4	16.9	17.2	17.5	17.5	17.1	17.5
<i>gmm</i>	12.8	12.9	12.8	13.5	13.2	12.7	12.9	12.7
<i>gmr</i>	14.5	14.3	13.9	14.2	14.1	14.2	13.9	14.1
<i>gnd</i>	18.9	18.8	18.7	18.9	18.7	18.6	18.7	18.8
<i>gnsA</i>	16.6	16.5	16.1	16.2	15.7	16.6	15.6	16.2
<i>gnsB</i>	17.3	17.1	17.0	16.3	17.3	17.2	15.5	16.0
<i>gntK</i>	14.1	13.9	13.6	13.7	13.3	13.4	13.2	13.4
<i>gntP</i>	13.1	12.9	13.1	13.2	12.9	12.8	12.9	12.8
<i>gntR</i>	15.1	15.0	15.1	14.7	15.1	15.2	15.2	15.2
<i>gntT</i>	14.6	14.9	14.6	15.0	13.3	13.2	13.2	13.2
<i>gntU</i>	13.1	13.1	13.0	15.5	12.9	12.9	12.9	12.8
<i>gntX</i>	15.3	15.1	15.4	15.0	15.4	15.1	15.3	15.4
<i>gor</i>	16.0	15.9	15.8	15.9	15.9	15.8	16.0	16.0
<i>gph</i>	16.9	16.8	16.6	17.0	16.8	16.8	16.7	16.6
<i>gpmA</i>	18.3	19.5	19.6	18.2	16.8	19.5	19.7	16.6
<i>gpmM</i>	17.3	17.3	17.0	17.2	18.5	18.5	18.6	18.5
<i>gpp</i>	15.7	15.7	15.3	15.6	15.5	15.8	15.4	15.7
<i>gpsA</i>	16.5	16.5	16.4	16.5	16.6	16.4	16.4	16.4
<i>gpt</i>	17.4	17.2	17.0	16.9	17.4	17.4	17.3	17.5
<i>greA</i>	16.3	16.2	16.1	16.1	15.6	16.2	15.9	16.2
<i>greB</i>	14.9	14.7	14.7	14.3	14.7	15.0	14.6	14.8
<i>groL</i>	18.9	18.8	19.0	19.0	18.8	18.6	18.6	18.7
<i>groS</i>	19.9	19.7	19.7	19.8	19.6	19.6	19.2	19.5
<i>grpE</i>	17.8	17.8	17.6	17.5	17.6	17.9	17.1	17.7
<i>grxA</i>	15.5	15.9	15.0	14.7	14.3	15.2	14.1	14.7
<i>grxB</i>	18.2	18.2	17.6	17.9	17.6	18.3	17.6	18.0
<i>grxC</i>	18.4	18.4	18.4	18.3	18.6	18.6	18.3	18.1
<i>grxD</i>	18.4	17.2	18.1	18.1	17.3	17.1	17.0	16.9

<i>gshA</i>	16.7	16.7	16.4	16.6	16.8	16.7	16.5	16.7
<i>gshB</i>	16.6	16.4	16.3	16.5	16.3	16.5	16.3	16.3
<i>gsiA</i>	16.1	16.4	15.9	15.9	16.6	17.0	16.6	16.5
<i>gsiB</i>	15.8	16.1	15.7	15.7	16.2	16.6	16.4	16.1
<i>gsiC</i>	15.0	15.1	15.0	14.6	15.4	15.8	15.6	15.3
<i>gsiD</i>	15.0	15.2	14.9	14.7	15.3	15.9	15.4	15.4
<i>gsk</i>	15.3	15.3	15.1	15.2	15.0	15.2	14.9	14.9
<i>gspA</i>	13.0	12.9	12.8	13.3	13.1	13.0	12.9	12.8
<i>gspB</i>	14.1	14.0	13.8	14.0	14.1	14.3	13.9	13.7
<i>gspC</i>	13.1	13.0	13.0	12.8	12.9	13.0	12.8	12.7
<i>gspD</i>	13.1	13.2	13.1	13.1	13.0	13.1	13.0	12.9
<i>gspE</i>	12.9	12.9	12.9	13.0	12.8	12.8	12.8	12.7
<i>gspF</i>	12.8	12.8	12.7	12.9	12.8	12.8	12.7	12.7
<i>gspG</i>	13.1	13.1	12.9	13.0	13.2	12.9	12.8	12.8
<i>gspH</i>	12.8	12.8	12.7	13.2	12.7	12.8	12.9	12.6
<i>gspI</i>	12.8	12.8	12.6	12.8	13.0	12.8	12.6	12.6
<i>gspJ</i>	12.8	12.8	12.6	12.9	12.7	12.8	12.7	12.8
<i>gspK</i>	12.7	12.7	12.5	15.3	12.7	12.7	12.6	12.5
<i>gspL</i>	13.0	13.0	12.8	13.0	13.1	13.1	12.8	12.8
<i>gspM</i>	13.3	13.2	13.0	13.5	13.2	13.3	12.9	13.1
<i>gspO</i>	12.9	12.8	12.9	13.0	12.9	12.9	12.8	12.8
<i>gss</i>	16.0	16.0	15.6	16.1	16.4	16.2	16.3	16.5
<i>gst</i>	16.6	16.7	16.5	16.5	16.1	16.2	15.9	16.0
<i>gstB</i>	16.2	16.2	16.4	15.9	16.0	16.1	16.0	15.8
<i>guaA</i>	18.0	18.2	18.0	18.2	17.8	17.8	18.0	18.0
<i>guaB</i>	17.9	18.1	18.1	18.0	18.4	18.0	18.3	18.2
<i>guaC</i>	17.6	17.6	17.3	17.5	17.0	17.3	16.9	17.2
<i>guaD</i>	13.8	13.7	13.5	13.6	13.5	13.8	13.5	13.5
<i>gudD</i>	13.4	13.3	13.2	13.5	13.3	13.4	13.4	13.4
<i>gudP</i>	12.9	12.9	12.7	13.0	13.0	12.8	12.8	12.7
<i>gudX</i>	12.9	12.8	12.8	13.1	12.9	13.0	12.9	12.9
<i>gutM</i>	13.8	13.6	13.4	13.6	13.5	13.8	13.5	13.5
<i>gutQ</i>	14.3	14.2	14.2	14.4	14.4	14.4	14.6	14.7
<i>gyrA</i>	17.2	17.2	17.2	17.3	17.2	17.1	17.3	17.2
<i>gyrB</i>	16.3	16.1	16.1	16.2	16.2	16.2	16.2	16.2
<i>hcaB</i>	13.2	13.1	13.1	13.2	13.2	13.1	13.2	13.1
<i>hcaC</i>	13.5	13.5	13.4	13.2	13.4	13.5	13.5	13.9
<i>hcaD</i>	13.4	13.4	13.2	13.3	13.3	13.4	13.3	13.1
<i>hcaE</i>	13.9	13.9	13.8	13.6	14.1	14.2	14.1	14.1
<i>hcaF</i>	13.5	13.4	13.2	13.3	13.2	13.6	13.3	13.3
<i>hcaR</i>	14.6	14.5	14.4	14.2	13.1	13.2	13.0	13.0
<i>hcaT</i>	13.4	13.4	13.4	13.0	13.3	13.3	13.2	13.2
<i>hchA</i>	16.5	16.5	16.4	16.3	15.3	16.0	15.5	15.6
<i>hcp</i>	12.8	12.8	12.8	12.9	13.6	13.3	13.7	13.7
<i>hcr</i>	12.9	12.9	12.9	13.1	13.9	13.8	14.1	14.1
<i>hda</i>	15.6	15.5	15.4	15.6	15.6	15.5	15.4	15.6
<i>hdeA</i>	19.3	19.3	18.8	19.1	20.4	20.1	20.3	20.3
<i>hdeB</i>	18.9	18.9	18.0	18.6	20.0	19.9	19.9	20.1
<i>hdeD</i>	17.5	17.8	17.0	17.4	19.5	19.5	19.6	19.9
<i>hdfR</i>	14.9	14.8	14.5	14.5	14.4	14.9	14.5	14.7
<i>hdhA</i>	16.7	16.5	16.0	16.6	16.9	16.8	16.5	16.6
<i>helD</i>	15.1	15.1	14.8	14.7	15.0	15.1	14.8	14.9
<i>hemA</i>	15.2	15.1	15.0	14.9	15.5	15.9	15.6	15.8
<i>hemB</i>	16.0	16.2	16.0	15.8	15.5	16.0	15.6	15.9
<i>hemC</i>	15.6	15.5	15.5	15.3	15.7	15.8	15.8	15.8
<i>hemD</i>	15.8	15.8	15.6	15.7	15.7	15.9	15.6	15.6
<i>hemE</i>	15.6	15.6	15.5	15.5	15.5	15.5	15.5	15.5
<i>hemF</i>	14.7	14.6	14.5	14.5	14.2	14.7	14.6	14.4
<i>hemG</i>	15.7	15.5	15.4	15.3	15.6	15.8	15.5	15.6
<i>hemH</i>	14.2	14.0	14.0	13.9	13.9	13.9	13.8	13.9
<i>hemL</i>	16.2	16.2	16.1	16.2	15.9	16.0	16.0	16.0

<i>hemN</i>	15.6	14.9	15.4	15.5	15.5	15.2	15.7	15.9
<i>hemX</i>	16.2	16.1	15.8	16.1	15.8	16.1	15.8	15.9
<i>hemY</i>	15.9	15.7	15.6	15.8	15.5	15.7	15.6	15.7
<i>hepA</i>	14.6	14.5	14.4	14.4	14.1	14.2	14.1	14.2
<i>hflC</i>	17.0	16.9	16.6	17.0	16.6	16.6	16.6	16.8
<i>hflD</i>	16.9	16.7	16.7	16.6	16.5	16.5	16.4	16.5
<i>hflK</i>	16.9	16.8	17.0	17.1	17.1	16.6	16.9	16.7
<i>hflX</i>	17.0	17.0	16.7	16.9	17.2	17.1	16.9	17.0
<i>hfq</i>	19.0	18.9	18.6	18.8	19.0	19.0	18.9	18.9
<i>hha</i>	17.7	17.4	17.2	17.3	16.8	17.1	16.5	16.4
<i>hicA</i>	15.8	15.8	15.2	15.2	15.7	16.2	15.1	15.5
<i>hicB</i>	15.4	15.3	14.9	14.8	15.0	15.6	14.9	15.2
<i>higA</i>	14.2	14.2	13.9	13.4	13.8	14.2	13.8	14.0
<i>higB</i>	14.2	14.1	13.8	13.6	13.8	14.4	13.7	13.9
<i>hinT</i>	17.5	17.2	17.2	17.1	17.5	17.3	17.3	17.6
<i>hipA</i>	14.5	14.5	14.1	14.1	14.5	14.5	14.3	14.5
<i>hipB</i>	15.4	15.4	14.8	15.2	15.2	15.4	14.9	15.2
<i>hisA</i>	16.5	16.3	16.8	16.6	16.6	16.2	16.4	15.9
<i>hisB</i>	17.2	17.1	17.2	17.2	16.8	17.2	16.9	16.8
<i>hisC</i>	16.9	16.7	17.0	16.9	16.4	16.9	16.6	16.2
<i>hisD</i>	16.5	16.5	16.8	16.6	16.1	16.6	16.4	15.9
<i>hisF</i>	16.9	16.7	17.0	17.1	16.7	16.8	16.6	16.4
<i>hisG</i>	17.5	17.5	17.5	17.5	16.9	17.7	17.1	16.8
<i>hisH</i>	16.6	16.5	16.8	16.6	16.4	16.6	16.5	16.1
<i>hisI</i>	16.6	16.5	16.6	16.6	16.2	16.5	16.2	15.9
<i>hisJ</i>	18.5	18.4	18.2	18.5	16.8	18.0	17.0	16.6
<i>hisL</i>	19.2	19.4	18.8	18.2	19.7	20.1	18.8	19.1
<i>hisM</i>	16.1	16.0	15.9	16.3	14.8	15.8	15.2	15.0
<i>hisP</i>	15.3	15.2	15.2	15.2	14.4	15.1	14.5	14.3
<i>hisQ</i>	16.5	16.4	16.4	16.6	15.5	16.1	15.7	15.4
<i>hisR</i>	19.7	19.7	19.1	19.0	19.7	19.5	18.8	19.7
<i>hisS</i>	17.1	17.1	17.1	17.1	17.4	17.2	17.2	17.2
<i>hlpA</i>	19.0	19.1	18.5	18.8	19.1	19.2	19.0	19.2
<i>hlyE</i>	13.2	13.1	12.9	13.2	14.0	14.3	13.7	13.8
<i>hmp</i>	14.5	14.4	14.4	14.1	13.5	13.8	13.6	13.5
<i>hns</i>	19.4	19.3	19.2	19.2	19.4	19.4	19.3	19.5
<i>hofB</i>	13.1	13.1	12.9	12.9	13.0	13.1	13.0	13.0
<i>hofC</i>	13.1	13.0	12.9	13.0	13.2	13.1	13.0	12.9
<i>hofM</i>	13.6	13.8	13.3	13.5	14.0	13.8	13.7	13.4
<i>hofN</i>	13.0	13.0	13.0	13.1	13.0	13.1	13.2	13.0
<i>hofO</i>	13.0	12.9	12.8	13.3	12.9	13.0	13.0	12.9
<i>hofP</i>	13.1	13.1	12.9	13.7	13.5	13.0	13.2	12.9
<i>hofQ</i>	13.1	13.1	13.0	14.9	13.3	13.1	13.2	12.9
<i>hokA</i>	13.3	13.1	13.0	13.7	13.5	13.3	13.2	13.1
<i>hokB</i>	14.6	14.5	14.6	14.7	15.0	15.1	14.9	15.1
<i>hokC</i>	13.7	13.5	13.5	13.0	13.9	13.7	13.7	13.7
<i>hokD</i>	14.8	14.8	14.7	14.4	14.9	15.1	14.7	14.8
<i>hokE</i>	13.8	13.6	13.5	13.4	13.6	13.7	13.4	13.3
<i>holA</i>	15.7	15.8	15.4	15.4	15.6	15.9	15.4	15.5
<i>holB</i>	14.7	14.7	14.6	14.4	14.5	14.8	14.7	14.7
<i>holC</i>	17.4	17.3	16.9	17.1	16.8	17.4	16.7	16.8
<i>holD</i>	15.7	15.5	15.7	15.5	15.6	15.4	15.5	15.6
<i>holE</i>	16.6	16.5	16.1	16.0	16.4	16.3	15.6	15.9
<i>hpf</i>	18.7	18.7	17.9	18.5	18.6	19.0	18.3	18.6
<i>hpt</i>	16.9	16.4	16.3	16.5	16.8	16.7	16.5	16.9
<i>hrpA</i>	15.0	14.8	14.7	14.9	14.7	14.9	14.7	14.9
<i>hrpB</i>	14.0	13.8	13.7	13.7	13.9	13.9	13.8	13.9
<i>hscA</i>	16.1	15.2	16.1	16.2	15.4	14.7	15.5	15.5
<i>hscB</i>	16.8	15.9	16.4	16.7	15.3	15.5	15.6	15.8
<i>hscC</i>	13.0	12.9	12.8	13.0	13.3	13.1	13.0	12.9
<i>hsdM</i>	15.6	15.4	15.4	15.6	15.4	15.4	15.4	15.3

<i>hsdR</i>	15.3	14.9	15.0	15.0	14.8	15.0	15.0	15.0
<i>hsdS</i>	15.4	15.1	15.0	15.4	15.0	14.9	14.6	14.7
<i>hslJ</i>	14.9	14.7	14.3	14.5	14.2	14.5	14.3	14.8
<i>hslO</i>	16.0	16.0	15.7	16.2	15.2	15.5	15.1	15.4
<i>hslR</i>	16.3	16.2	16.2	16.3	15.7	16.1	15.6	15.5
<i>hslU</i>	17.0	16.8	17.0	16.8	16.6	16.8	16.8	17.0
<i>hslV</i>	17.5	17.4	17.4	17.5	17.4	17.4	17.2	17.4
<i>hspQ</i>	15.9	15.8	16.2	15.2	16.1	16.2	16.2	16.3
<i>hsrA</i>	13.8	13.5	13.4	13.3	13.6	13.7	13.6	13.9
<i>htgA</i>	12.6	12.7	12.6	13.2	12.7	12.7	12.5	12.7
<i>htpG</i>	16.9	16.7	16.9	16.8	16.4	16.4	16.4	16.6
<i>htpX</i>	16.9	16.7	16.8	16.8	16.5	16.3	16.1	16.6
<i>htrE</i>	12.7	12.7	12.5	12.9	12.9	12.8	12.6	12.7
<i>htrL</i>	15.0	14.7	14.3	14.5	14.5	14.6	14.0	14.3
<i>hupA</i>	19.8	19.7	19.5	19.4	19.7	19.6	19.3	19.6
<i>hupB</i>	19.1	18.9	19.1	18.6	19.2	19.1	19.0	19.3
<i>hyaA</i>	13.0	13.0	13.0	13.1	18.6	16.2	18.4	18.7
<i>hyaB</i>	12.8	12.9	12.8	13.0	18.0	15.8	17.9	18.5
<i>hyaC</i>	13.1	13.2	13.0	13.7	18.2	15.8	17.8	18.5
<i>hyaD</i>	13.1	13.0	13.0	13.6	17.9	15.3	17.5	17.9
<i>hyaE</i>	13.0	12.9	12.9	13.3	17.6	15.0	17.2	17.5
<i>hyaF</i>	12.9	12.9	12.8	12.9	17.2	14.7	16.7	17.4
<i>hybA</i>	13.3	12.9	13.2	13.4	16.5	14.6	16.2	16.3
<i>hybB</i>	13.3	12.9	13.1	13.0	15.3	14.1	15.1	15.2
<i>hybC</i>	14.3	14.0	13.9	13.9	16.1	15.2	15.8	16.1
<i>hybD</i>	14.3	14.1	14.0	14.6	15.4	15.1	15.2	15.6
<i>hybE</i>	13.8	13.7	13.6	14.4	14.6	14.3	14.7	14.9
<i>hybF</i>	13.7	13.6	13.4	13.7	14.4	14.1	14.3	14.6
<i>hybG</i>	14.2	14.1	13.7	13.9	14.6	14.6	14.5	14.9
<i>hybO</i>	13.4	12.9	13.2	13.4	16.5	15.2	16.2	16.3
<i>hycA</i>	12.7	12.7	12.6	12.6	16.2	13.8	16.3	16.8
<i>hycB</i>	12.8	12.8	12.7	13.1	15.9	13.7	16.3	16.6
<i>hycC</i>	12.7	12.7	12.7	13.0	15.2	13.2	15.5	15.8
<i>hycD</i>	12.9	12.9	12.8	13.1	15.7	13.4	15.9	16.2
<i>hycE</i>	13.0	12.9	12.9	13.3	15.9	13.5	16.2	16.4
<i>hycF</i>	13.1	13.0	13.0	12.9	16.2	13.9	16.6	16.8
<i>hycG</i>	13.2	13.3	13.1	13.3	16.0	13.9	16.1	16.4
<i>hycH</i>	14.0	14.0	13.6	14.1	16.3	14.4	16.1	16.6
<i>hycI</i>	14.3	14.3	14.0	14.0	15.8	14.6	15.7	16.4
<i>hydN</i>	13.1	13.1	12.9	13.2	16.4	14.2	16.4	17.1
<i>hyfA</i>	12.9	13.0	12.8	13.2	13.2	13.0	13.1	12.9
<i>hyfB</i>	12.6	12.7	12.6	12.8	12.8	12.7	12.7	12.6
<i>hyfC</i>	12.6	12.6	12.5	12.8	12.7	12.6	12.6	12.5
<i>hyfD</i>	12.6	12.7	12.6	12.6	12.7	12.6	12.7	12.6
<i>hyfE</i>	12.7	13.0	12.6	12.8	13.2	12.7	12.7	12.7
<i>hyfF</i>	12.7	12.7	12.7	12.7	12.7	12.8	12.8	12.6
<i>hyfG</i>	12.9	13.0	12.8	13.5	13.0	13.0	13.0	12.8
<i>hyfH</i>	13.2	13.2	13.1	12.9	13.1	13.2	13.3	13.0
<i>hyfI</i>	12.9	12.9	12.9	13.1	13.0	13.0	13.0	12.8
<i>hyfJ</i>	13.2	13.0	13.0	13.4	13.2	13.2	13.2	13.0
<i>hyfR</i>	12.8	12.8	12.7	12.9	12.9	12.8	12.7	12.7
<i>hyi</i>	12.9	12.9	12.8	13.0	13.1	13.0	13.7	12.7
<i>hypA</i>	13.7	13.3	13.5	13.8	16.5	14.5	16.1	16.3
<i>hypB</i>	13.9	13.2	13.7	13.8	16.5	14.9	16.7	16.7
<i>hypC</i>	13.8	13.2	13.6	13.5	16.0	14.7	16.4	16.5
<i>hypD</i>	13.8	13.5	13.6	13.3	15.8	14.5	16.1	16.3
<i>hypE</i>	13.5	13.4	13.5	13.0	15.3	14.1	15.4	15.5
<i>hypF</i>	13.3	13.3	13.2	13.2	14.6	14.1	14.8	15.0
<i>hyuA</i>	12.8	12.9	12.7	13.2	13.0	12.8	12.8	12.7
<i>iaaA</i>	16.5	16.9	16.7	16.2	17.5	17.3	17.4	17.0
<i>iadA</i>	14.7	14.5	14.7	14.3	15.3	15.1	15.8	15.7

<i>iap</i>	14.5	14.4	14.1	14.5	14.2	14.4	14.1	14.2
<i>ibpA</i>	16.7	16.6	16.5	16.0	16.1	16.5	15.9	16.3
<i>ibpB</i>	14.6	14.4	14.4	13.8	13.7	14.3	13.6	13.7
<i>ibsA</i>	13.2	13.5	13.1	14.1	13.4	13.3	13.0	13.2
<i>ibsB</i>	13.4	13.4	13.3	13.4	13.5	13.4	13.3	13.2
<i>ibsC</i>	14.0	13.7	13.7	13.6	14.0	13.6	13.7	13.8
<i>ibsD</i>	13.6	13.5	13.3	14.5	13.4	13.4	13.3	13.3
<i>ibsE</i>	13.1	13.3	13.2	13.8	13.5	13.2	13.1	13.1
<i>icd</i>	19.9	19.8	20.1	19.9	18.0	18.1	17.9	18.0
<i>icdC</i>	17.9	17.9	18.1	18.0	15.5	15.6	15.0	15.1
<i>iclR</i>	15.3	15.3	15.1	14.9	15.6	15.6	15.3	15.5
<i>idi</i>	14.1	14.3	14.0	13.6	13.9	14.1	13.8	13.8
<i>idnD</i>	13.2	13.1	13.1	13.4	13.1	13.2	13.1	12.8
<i>idnK</i>	13.2	13.1	12.9	13.1	13.0	13.0	12.9	12.8
<i>idnO</i>	13.3	13.2	13.2	13.0	13.2	13.5	13.3	13.0
<i>idnR</i>	14.7	14.6	14.2	14.2	14.1	14.6	14.1	14.3
<i>idnT</i>	13.4	13.4	13.2	13.2	13.4	13.4	13.3	13.3
<i>ihfA</i>	18.6	18.6	18.1	18.2	18.4	18.7	18.4	18.9
<i>ihfB</i>	18.7	18.8	18.8	18.4	18.8	18.8	18.7	18.7
<i>ileS</i>	17.2	17.3	17.1	17.2	17.6	17.6	17.8	17.7
<i>ileT</i>	19.2	19.0	18.9	18.5	19.5	18.9	18.4	18.7
<i>ileU</i>	19.0	18.9	19.0	18.2	19.6	18.8	18.4	18.8
<i>ileV</i>	19.1	19.0	19.0	18.3	19.5	18.5	18.3	18.9
<i>ileX</i>	13.7	13.5	13.3	13.7	13.3	13.5	13.3	13.3
<i>ileY</i>	13.4	13.7	13.3	13.5	13.5	13.6	13.2	13.2
<i>ilvA</i>	15.7	15.3	15.6	15.6	16.0	16.1	16.4	16.5
<i>ilvB</i>	17.6	16.6	17.6	17.6	15.5	15.6	15.5	15.7
<i>ilvC</i>	19.2	19.7	19.6	19.4	19.2	19.1	19.2	19.0
<i>ilvD</i>	16.2	15.9	16.3	16.3	16.8	16.7	17.1	17.0
<i>ilvE</i>	17.4	17.4	17.2	17.3	17.7	17.9	17.9	17.8
<i>ilvG_1</i>	18.2	18.6	18.4	18.2	18.9	19.1	19.0	18.9
<i>ilvG_2</i>	16.2	16.5	16.2	16.1	16.8	17.5	17.1	17.0
<i>ilvH</i>	17.6	17.6	17.2	17.7	17.5	17.6	17.4	17.6
<i>ilvI</i>	17.1	17.1	17.1	17.1	17.4	17.2	17.3	17.1
<i>ilvL</i>	18.9	18.7	19.5	18.2	19.8	19.4	18.8	19.1
<i>ilvM</i>	17.4	17.6	17.0	17.0	17.6	18.5	17.6	17.7
<i>ilvN</i>	17.8	16.7	17.5	17.9	15.3	15.7	15.3	16.0
<i>ilvX</i>	19.4	19.8	19.9	19.4	20.6	20.0	20.0	19.7
<i>ilvY</i>	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
<i>inaA</i>	15.0	15.3	14.9	15.0	14.7	14.9	14.4	14.8
<i>infA</i>	18.7	18.6	18.6	18.3	18.7	18.5	18.1	18.8
<i>infB</i>	17.7	17.5	17.5	17.9	17.6	17.7	17.6	17.6
<i>infC</i>	19.4	19.4	19.7	19.2	19.8	19.6	19.6	19.4
<i>insA-1</i>	15.1	15.2	15.3	14.8	15.5	15.4	15.5	15.5
<i>insA-2</i>	15.3	15.4	15.2	14.7	15.7	15.8	15.6	15.6
<i>insA-3</i>	15.3	15.4	15.2	15.0	15.7	15.8	15.6	15.8
<i>insA-4</i>	15.2	15.3	15.5	14.8	15.8	15.7	15.7	15.7
<i>insA-5</i>	15.1	15.1	15.3	14.8	15.7	15.4	15.5	15.4
<i>insA-6</i>	15.2	15.4	15.3	14.7	15.8	15.5	15.6	15.7
<i>insA-7</i>	14.9	15.3	15.3	14.1	15.1	15.8	15.5	15.0
<i>insAB-1</i>	14.4	14.4	14.5	14.3	14.8	14.6	14.7	14.8
<i>insAB-2</i>	14.5	14.6	14.5	14.3	14.9	14.9	14.8	14.9
<i>insAB-3</i>	14.5	14.6	14.4	14.3	14.8	14.9	14.8	15.0
<i>insAB-4</i>	14.5	14.5	14.6	14.1	15.0	14.8	14.9	15.0
<i>insAB-5</i>	14.4	14.4	14.5	14.2	14.9	14.5	14.7	14.7
<i>insAB-6</i>	14.4	14.5	14.5	14.2	14.9	14.6	14.8	14.9
<i>insB-1</i>	13.7	13.8	13.9	14.0	14.1	13.9	14.1	14.2
<i>insB-2</i>	13.9	13.9	13.7	14.1	14.1	13.9	14.1	14.2
<i>insB-3</i>	13.8	13.8	13.7	13.6	14.0	13.9	14.0	14.2
<i>insB-4</i>	13.8	13.8	13.8	13.4	14.2	14.0	14.2	14.3
<i>insB-5</i>	13.8	13.8	13.8	13.9	14.1	13.7	14.1	14.1

<i>insB-6</i>	13.7	13.7	13.7	13.7	14.1	13.7	14.1	14.1
<i>insB-7_1</i>	13.9	14.0	14.1	13.5	14.0	14.4	14.4	14.3
<i>insB-7_2</i>	13.5	13.7	13.4	13.0	13.7	13.7	13.6	13.3
<i>insC-1</i>	15.9	16.1	16.0	15.5	16.2	16.4	16.2	16.0
<i>insC-2</i>	16.1	16.2	16.0	15.6	16.3	16.4	16.0	16.1
<i>insC-3</i>	16.1	16.2	16.0	15.7	16.4	16.4	16.0	16.0
<i>insC-4</i>	16.1	16.2	15.9	15.6	16.3	16.5	16.1	16.1
<i>insC-5</i>	16.1	16.2	16.0	15.8	16.5	16.2	16.1	16.0
<i>insC-6</i>	16.1	16.2	16.1	15.7	16.4	16.4	16.1	15.9
<i>insCD-1</i>	15.4	15.5	15.4	15.2	15.8	15.7	15.6	15.6
<i>insCD-2</i>	15.5	15.7	15.4	15.2	15.8	15.8	15.5	15.6
<i>insCD-3</i>	15.5	15.7	15.3	15.2	15.9	15.8	15.5	15.6
<i>insCD-4</i>	15.5	15.6	15.3	15.2	15.9	15.8	15.5	15.6
<i>insCD-5</i>	15.5	15.7	15.3	15.3	16.0	15.7	15.6	15.6
<i>insCD-6</i>	15.5	15.6	15.4	15.2	15.9	15.8	15.6	15.5
<i>insD</i>	15.2	15.3	14.9	15.0	15.7	15.3	15.1	15.3
<i>insD-1</i>	15.2	15.3	15.0	15.0	15.7	15.1	15.3	15.3
<i>insD-2</i>	15.2	15.4	15.1	15.0	15.6	15.5	15.3	15.4
<i>insD-3</i>	15.3	15.4	15.1	15.0	15.7	15.5	15.3	15.5
<i>insD-4</i>	15.3	15.3	15.0	15.1	15.7	15.5	15.3	15.5
<i>insD-5</i>	15.3	15.5	15.0	15.0	15.9	15.4	15.4	15.5
<i>insD-6</i>	15.2	15.4	15.0	15.0	15.7	15.5	15.4	15.5
<i>insE-1</i>	15.8	15.9	15.5	15.4	15.7	16.2	15.8	15.9
<i>insE-2</i>	15.8	15.9	15.5	15.6	15.6	16.1	15.8	15.9
<i>insE-3</i>	15.6	15.8	15.6	15.8	15.4	15.9	15.8	15.7
<i>insE-4</i>	15.8	16.0	15.4	15.7	15.7	16.1	15.7	15.7
<i>insE-5</i>	15.6	15.7	15.5	15.3	15.6	15.9	15.8	15.6
<i>insEF-1</i>	15.0	15.0	14.7	14.5	14.9	15.3	14.9	15.0
<i>insEF-2</i>	14.9	15.1	14.8	14.7	14.9	15.1	14.9	15.0
<i>insEF-3</i>	14.9	15.0	14.8	14.8	14.8	15.2	14.9	14.9
<i>insEF-4</i>	14.9	15.0	14.7	14.6	14.9	15.1	14.9	14.9
<i>insEF-5</i>	14.9	14.9	14.7	14.5	14.9	15.0	14.9	14.9
<i>insF-1</i>	14.6	14.6	14.4	14.1	14.5	14.9	14.4	14.6
<i>insF-2</i>	14.6	14.8	14.5	14.5	14.6	14.8	14.6	14.6
<i>insF-3</i>	14.5	14.6	14.4	14.2	14.5	14.8	14.5	14.5
<i>insF-4</i>	14.7	14.7	14.5	14.3	14.7	14.7	14.6	14.6
<i>insF-5</i>	14.5	14.5	14.3	14.1	14.6	14.6	14.4	14.5
<i>insG</i>	14.0	14.1	13.8	13.8	13.8	13.9	13.7	13.8
<i>insH-1</i>	18.4	18.2	18.5	18.3	18.4	18.4	18.6	18.2
<i>insH-10</i>	18.4	18.2	18.5	18.3	18.4	18.4	18.6	18.2
<i>insH-11</i>	18.5	18.3	18.6	18.5	18.5	18.5	18.7	18.3
<i>insH-2</i>	18.5	18.3	18.6	18.5	18.4	18.5	18.7	18.3
<i>insH-3</i>	18.5	18.3	18.6	18.4	18.4	18.6	18.7	18.4
<i>insH-4</i>	18.7	18.4	18.7	18.6	18.5	18.6	18.8	18.4
<i>insH-5</i>	16.9	16.7	17.3	16.9	17.1	16.6	17.1	16.4
<i>insH-6</i>	18.4	18.2	18.5	18.4	18.4	18.4	18.6	18.1
<i>insH-7</i>	18.5	18.3	18.6	18.5	18.5	18.6	18.7	18.4
<i>insH-8</i>	18.3	18.1	18.5	18.4	18.4	18.4	18.6	18.2
<i>insH-9</i>	18.6	18.4	18.7	18.5	18.5	18.7	18.8	18.4
<i>insI-1</i>	15.2	15.2	14.8	14.9	15.3	15.4	14.8	15.0
<i>insI-2</i>	15.3	15.1	14.7	14.8	15.3	15.3	14.8	14.9
<i>insI-3</i>	15.4	15.2	14.7	15.1	15.4	15.2	14.8	15.0
<i>insJ</i>	13.3	13.2	13.0	13.8	13.2	13.4	13.0	13.0
<i>insJK</i>	13.2	13.1	12.8	13.4	13.1	13.3	12.8	12.9
<i>insK</i>	13.2	13.1	12.7	13.2	13.0	13.3	12.8	12.8
<i>insL-1</i>	16.2	16.0	15.9	15.9	15.9	16.0	15.9	16.1
<i>insL-2</i>	16.2	15.9	16.0	15.9	16.0	16.1	15.9	16.1
<i>insL-3</i>	16.2	16.0	15.9	16.0	15.9	16.1	15.8	16.0
<i>insM</i>	14.8	14.6	14.0	14.5	14.4	14.6	13.9	14.3
<i>insN-1</i>	14.8	14.5	14.4	14.3	14.7	15.1	14.2	14.2
<i>insN-2</i>	14.4	14.3	13.9	14.1	14.3	14.7	13.9	14.0

<i>insO-1</i>	14.0	14.0	13.9	14.2	14.2	14.1	14.2	14.1
<i>insO-2</i>	13.1	13.1	13.0	13.3	13.4	13.0	13.2	12.9
<i>intA</i>	15.6	15.5	15.1	15.2	15.1	15.7	15.1	15.3
<i>intB</i>	14.4	14.4	13.9	13.9	14.2	14.5	13.8	14.2
<i>intD</i>	14.9	14.9	14.4	14.6	14.9	15.4	14.5	14.7
<i>intE</i>	13.3	13.6	13.2	13.1	13.2	13.6	13.1	13.1
<i>intF</i>	15.6	15.5	15.1	15.3	15.1	15.6	14.9	15.0
<i>intG</i>	13.0	12.9	12.8	13.2	12.8	12.9	12.8	12.8
<i>intQ</i>	13.0	13.0	12.8	13.3	13.1	13.2	12.9	12.9
<i>intR</i>	14.3	14.3	13.8	14.4	13.9	14.0	13.4	13.7
<i>intS</i>	14.5	14.3	14.0	13.9	14.0	14.3	13.8	14.0
<i>intZ</i>	14.7	14.7	14.4	14.2	14.3	14.6	14.0	14.0
<i>iraD</i>	13.6	14.2	13.5	13.0	14.7	14.9	14.5	15.1
<i>iraM</i>	12.8	12.9	12.7	13.1	12.6	12.8	12.6	12.6
<i>iraP</i>	17.1	17.2	16.6	16.6	16.5	17.2	16.0	16.6
<i>IS128</i>	13.0	13.0	13.0	13.0	12.9	13.2	12.8	12.9
<i>iscA</i>	18.5	17.7	18.4	18.5	17.4	17.3	17.5	17.6
<i>iscR</i>	17.9	18.0	18.1	17.7	15.2	16.5	15.3	15.3
<i>iscS</i>	18.5	17.6	18.4	18.6	17.1	16.6	17.2	17.3
<i>iscU</i>	19.2	18.5	18.7	19.3	17.8	17.7	17.6	18.1
<i>iscX</i>	17.2	15.8	16.7	17.2	16.1	15.3	16.3	16.4
<i>ispA</i>	16.0	16.0	16.0	16.0	16.0	16.0	16.1	16.0
<i>ispB</i>	16.8	16.7	16.5	16.6	16.6	16.8	16.6	16.8
<i>ispD</i>	15.6	15.5	15.3	15.4	15.2	15.3	15.2	15.4
<i>ispE</i>	17.2	17.2	17.6	17.0	17.5	17.4	17.6	17.4
<i>ispF</i>	15.9	15.9	15.5	15.9	15.5	15.5	15.4	15.5
<i>ispG</i>	16.5	16.5	16.2	16.4	16.5	16.7	16.5	16.6
<i>ispH</i>	15.7	15.4	15.5	15.5	15.5	15.8	15.7	15.7
<i>ispU</i>	16.5	16.4	16.0	16.3	16.5	16.6	16.3	16.4
<i>isrA</i>	14.3	14.5	14.0	13.6	14.1	14.6	13.7	13.9
<i>isrB</i>	17.6	17.8	16.1	16.5	14.3	15.8	13.6	14.5
<i>isrC</i>	15.3	14.5	14.3	14.9	14.5	14.1	13.9	13.7
<i>istR-1</i>	13.4	13.4	13.2	13.1	13.4	13.5	13.2	13.3
<i>istR-2</i>	13.1	13.1	13.0	13.1	13.1	13.2	12.9	13.1
<i>ivbL</i>	18.1	17.8	18.6	17.9	17.8	17.3	16.4	16.7
<i>ivy</i>	17.5	17.2	17.1	17.2	17.8	17.2	17.2	17.6
<i>katE</i>	16.6	16.0	16.2	16.7	16.2	15.6	15.9	16.2
<i>katG</i>	16.4	15.3	16.7	16.4	17.1	16.0	17.2	16.9
<i>kbaY</i>	12.6	12.6	12.5	12.8	12.8	12.6	12.7	12.6
<i>kbaZ</i>	12.7	12.8	12.7	13.0	12.7	12.7	12.7	12.6
<i>kbl</i>	14.5	14.4	14.3	14.2	14.4	14.6	14.4	14.4
<i>kch</i>	14.9	15.1	14.3	15.0	15.5	15.7	15.0	15.6
<i>kdgK</i>	14.9	14.8	14.9	14.8	15.3	15.1	15.3	15.3
<i>kdgR</i>	16.3	16.3	15.9	16.1	16.5	16.4	16.0	16.4
<i>kdgT</i>	13.1	13.2	13.1	13.4	13.1	13.0	13.0	12.9
<i>kdpA</i>	12.7	12.6	12.7	13.0	12.8	12.7	12.8	12.6
<i>kdpB</i>	12.9	12.8	12.8	13.2	13.0	12.8	13.0	12.8
<i>kdpC</i>	13.9	13.9	13.7	13.4	14.8	14.0	13.7	13.8
<i>kdpD</i>	13.8	13.8	13.7	13.5	13.8	13.9	13.9	13.9
<i>kdpE</i>	14.0	14.0	13.8	13.9	13.8	14.2	13.9	13.8
<i>kdpF</i>	13.6	13.5	13.5	13.5	13.8	13.5	13.7	13.3
<i>kdsA</i>	17.3	17.2	17.1	17.2	17.2	17.3	17.1	17.2
<i>kdsB</i>	16.5	16.5	16.3	16.6	16.4	16.5	16.4	16.7
<i>kdsC</i>	16.5	16.2	16.1	16.4	16.6	16.4	16.3	16.6
<i>kdsD</i>	16.5	16.2	16.1	16.3	16.4	16.5	16.3	16.4
<i>kduD</i>	14.0	13.7	13.7	13.9	13.9	13.8	13.7	13.7
<i>kduI</i>	13.5	13.5	13.4	13.3	13.4	13.4	13.3	13.3
<i>kefA</i>	14.7	14.7	14.3	14.3	14.4	14.9	14.5	14.7
<i>kefB</i>	14.2	14.1	14.0	13.9	13.3	13.3	13.3	13.1
<i>kefC</i>	14.0	13.9	13.8	13.9	13.9	13.7	13.8	13.9
<i>kefF</i>	14.1	14.1	13.8	13.6	13.6	13.8	13.7	13.9

<i>kefG</i>	14.5	14.5	14.3	14.0	13.4	13.4	13.3	13.2
<i>kgtP</i>	18.7	19.0	18.5	18.8	15.7	16.6	15.8	16.1
<i>kilR</i>	12.8	13.1	12.8	12.9	13.2	13.4	12.8	13.0
<i>kptA</i>	13.6	13.9	13.6	13.2	13.8	14.0	13.6	13.7
<i>kup</i>	14.6	14.5	14.3	14.6	14.5	14.7	14.5	14.7
<i>lacA</i>	13.2	13.1	13.0	13.2	13.1	13.2	13.0	13.0
<i>lacI</i>	14.6	14.6	14.5	14.3	14.6	14.6	14.5	14.4
<i>lacY</i>	13.0	13.0	12.9	13.1	13.2	13.0	13.1	12.7
<i>lacZ</i>	12.7	12.7	12.7	12.9	12.8	12.7	12.8	12.5
<i>lafU</i>	13.1	13.0	12.8	13.3	13.1	13.0	13.0	12.7
<i>lamB</i>	15.2	15.1	16.3	15.1	13.3	13.8	13.4	13.2
<i>lar</i>	13.8	13.7	13.2	13.7	13.5	13.6	13.1	13.0
<i>ldcA</i>	14.9	14.9	14.6	14.3	14.9	15.3	15.0	15.1
<i>ldcC</i>	14.6	14.5	14.2	14.4	14.3	14.3	14.2	14.3
<i>ldhA</i>	15.7	15.8	15.4	15.6	16.0	16.1	16.1	16.4
<i>ldrA</i>	13.8	13.8	14.0	13.4	14.9	14.6	14.7	15.4
<i>ldrB</i>	13.7	13.7	14.0	13.6	14.3	14.3	14.3	14.6
<i>ldrC</i>	13.8	13.7	14.0	13.4	14.7	14.5	14.4	15.0
<i>ldrD</i>	14.3	14.3	14.1	14.0	14.0	14.2	14.0	14.5
<i>lepA</i>	16.6	16.6	16.5	16.6	16.5	16.5	16.6	16.6
<i>lepB</i>	16.0	16.0	15.8	16.1	15.9	16.0	15.9	16.1
<i>leuA</i>	18.3	18.2	18.4	18.2	18.6	18.6	18.6	18.5
<i>leuB</i>	18.4	18.0	18.8	18.4	18.9	18.4	19.1	18.9
<i>leuC</i>	18.5	18.2	18.7	18.6	18.8	18.7	19.0	18.8
<i>leuD</i>	18.5	18.2	18.6	18.4	18.6	18.6	18.8	18.9
<i>leuE</i>	13.5	13.5	13.4	13.5	13.8	14.2	14.0	13.9
<i>leuL</i>	18.3	18.3	17.9	17.7	18.3	19.0	17.7	18.2
<i>leuO</i>	13.2	13.1	12.9	13.3	13.1	13.3	13.0	13.0
<i>leuP</i>	19.2	19.0	19.0	19.3	19.3	18.7	18.2	19.1
<i>leuQ</i>	18.9	18.7	19.0	19.1	19.2	18.6	18.3	19.2
<i>leuS</i>	17.1	17.0	17.0	17.2	17.2	16.9	17.2	17.1
<i>leuT</i>	19.4	19.2	18.6	19.6	19.2	18.9	18.3	19.3
<i>leuU</i>	17.1	17.0	16.8	16.2	16.7	16.3	16.1	16.2
<i>leuV</i>	18.2	18.0	18.1	17.8	18.7	17.9	17.5	18.0
<i>leuW</i>	18.8	18.5	18.8	18.1	18.9	18.5	18.4	18.5
<i>leuX</i>	15.9	16.8	15.1	14.9	15.8	17.0	14.3	15.1
<i>leuZ</i>	17.2	17.8	17.3	16.7	17.5	17.4	16.5	17.0
<i>lexA</i>	15.9	16.3	15.9	15.5	15.8	16.1	15.6	15.8
<i>lfhA</i>	12.9	13.0	12.8	13.3	13.1	12.9	13.0	12.7
<i>lgt</i>	16.1	16.1	16.0	15.9	16.0	16.1	16.0	16.1
<i>lhgO</i>	14.4	14.3	14.2	14.0	13.7	13.7	13.5	13.6
<i>lhr</i>	13.5	13.5	13.4	13.4	13.6	13.7	13.7	13.6
<i>ligA</i>	15.0	14.9	14.7	14.8	14.8	14.8	15.0	14.9
<i>ligB</i>	13.0	13.0	12.8	13.3	13.1	13.0	12.9	12.8
<i>ligT</i>	14.6	14.6	14.5	14.1	14.1	14.7	14.3	14.4
<i>lipA</i>	16.0	15.6	16.1	15.8	15.8	15.7	16.3	16.2
<i>lipB</i>	15.4	15.3	15.2	15.0	15.3	15.3	15.0	15.2
<i>lit</i>	14.3	14.5	13.9	13.7	14.0	14.4	13.7	13.8
<i>livF</i>	17.1	17.3	16.9	17.0	16.4	16.8	16.4	16.3
<i>livG</i>	17.2	17.3	17.1	17.1	16.6	16.8	16.6	16.5
<i>livH</i>	16.8	17.0	17.0	16.9	16.5	16.4	16.4	16.2
<i>livJ</i>	19.1	19.2	19.4	19.1	18.8	18.6	18.4	18.4
<i>livK</i>	17.8	17.8	17.9	17.9	17.5	17.4	17.4	17.0
<i>livM</i>	16.9	17.0	17.1	17.0	16.5	16.4	16.4	16.4
<i>lldD</i>	14.7	14.8	14.6	14.3	13.1	13.0	13.1	13.0
<i>lldP</i>	13.8	13.9	14.0	13.5	12.7	12.7	12.7	12.6
<i>lldR</i>	14.4	14.5	14.3	14.1	13.0	13.1	13.0	13.0
<i>lnt</i>	14.8	14.7	14.8	14.4	14.6	14.8	14.9	14.9
<i>lolA</i>	16.6	16.7	16.3	16.4	16.4	16.8	16.4	16.3
<i>lolB</i>	16.5	16.5	16.2	16.3	16.2	16.6	16.4	16.4
<i>lolC</i>	15.2	15.3	15.0	14.7	15.2	15.4	15.1	15.3

<i>lolD</i>	15.2	15.4	15.0	14.8	15.0	15.4	15.0	15.3
<i>lolE</i>	15.2	15.3	15.0	15.0	15.4	15.4	15.1	15.4
<i>lomR_1</i>	14.1	14.3	13.5	13.9	14.7	14.3	14.1	13.1
<i>lomR_2</i>	13.3	13.2	13.2	14.0	13.4	13.3	13.4	13.0
<i>lon</i>	17.0	16.8	16.8	17.0	16.8	16.9	16.8	17.0
<i>lpcA</i>	16.8	16.8	16.8	16.6	16.7	16.7	16.7	16.7
<i>lpd</i>	18.9	18.8	19.1	19.1	17.2	17.4	17.3	17.3
<i>lplA</i>	14.5	14.4	14.5	14.1	14.2	14.4	14.4	14.2
<i>lplT</i>	13.7	13.6	13.6	13.5	13.8	13.6	13.7	13.8
<i>lpoA</i>	15.8	15.8	15.7	15.6	15.4	15.8	15.6	15.7
<i>lpoB</i>	16.5	16.4	16.7	16.5	16.8	16.5	17.1	17.1
<i>lpp</i>	20.0	19.9	20.0	19.9	20.3	20.1	19.8	20.1
<i>lptA</i>	16.9	16.8	16.6	16.9	16.7	16.8	16.5	16.6
<i>lptB</i>	16.1	16.1	16.0	16.2	16.0	16.1	16.1	16.1
<i>lptC</i>	16.7	16.6	16.3	16.7	16.6	16.8	16.4	16.6
<i>lptD</i>	17.1	17.1	17.0	17.1	17.1	17.3	17.1	17.0
<i>lptE</i>	17.1	16.9	16.9	17.0	17.1	17.1	17.0	17.2
<i>lptF</i>	15.6	15.5	15.5	15.3	15.4	15.5	15.3	15.4
<i>lptG</i>	15.0	15.0	14.8	14.8	14.8	14.9	14.8	14.9
<i>lpxA</i>	16.6	16.4	16.4	16.7	16.6	16.5	16.8	16.8
<i>lpxB</i>	15.2	15.2	15.0	15.1	15.2	15.4	15.2	15.4
<i>lpxC</i>	18.0	18.0	17.8	17.9	18.2	18.3	18.1	18.4
<i>lpxD</i>	17.7	17.7	17.4	17.8	18.0	17.8	17.8	18.0
<i>lpxH</i>	15.4	15.3	15.1	15.3	14.9	15.2	15.1	15.2
<i>lpxK</i>	14.6	14.7	14.3	14.6	14.5	14.7	14.5	14.5
<i>lpxL</i>	14.9	14.9	14.8	14.4	14.9	15.3	15.0	15.1
<i>lpxM</i>	15.5	15.3	15.1	15.0	15.3	15.4	15.1	15.3
<i>lpxP</i>	13.4	13.2	13.0	13.2	13.3	13.6	13.4	13.3
<i>lpxT</i>	14.6	14.5	14.3	14.2	13.7	14.1	13.7	14.0
<i>lrhA</i>	15.6	15.5	15.4	15.2	16.4	17.0	16.1	16.4
<i>lrp</i>	18.7	18.6	18.5	18.6	18.8	18.5	18.6	18.5
<i>lspA</i>	16.6	16.6	16.6	16.7	16.9	16.9	17.1	17.2
<i>lsrA</i>	12.8	12.7	12.7	13.0	12.8	12.8	12.7	12.6
<i>lsrB</i>	13.4	13.4	13.3	13.4	13.3	13.5	13.3	13.2
<i>lsrC</i>	12.9	12.9	12.9	13.1	13.2	12.9	13.0	12.7
<i>lsrD</i>	12.7	12.8	12.7	12.9	12.8	12.9	12.8	12.7
<i>lsrF</i>	13.5	13.5	13.4	13.5	13.5	13.5	13.5	13.3
<i>lsrG</i>	14.0	14.1	13.7	14.0	13.7	14.2	13.9	14.0
<i>lsrK</i>	13.4	13.5	13.3	13.6	13.3	13.5	13.3	13.3
<i>lsrR</i>	14.0	14.0	13.8	13.6	14.1	14.0	13.8	13.8
<i>ltaE</i>	15.7	15.7	15.7	15.5	15.8	15.8	15.9	15.7
<i>luxS</i>	17.6	17.8	17.3	17.5	17.8	17.7	17.4	17.9
<i>lysA</i>	15.8	15.7	15.7	15.6	15.6	15.4	15.4	15.6
<i>lysC</i>	17.6	17.7	17.6	17.4	17.1	17.3	17.3	17.6
<i>lysP</i>	17.2	17.1	17.3	17.2	16.5	16.6	16.7	16.6
<i>lysQ</i>	20.2	20.1	19.7	20.2	19.9	20.2	19.6	19.8
<i>lysR</i>	13.6	13.6	13.5	13.5	13.4	13.6	13.4	13.5
<i>lysS</i>	17.6	17.5	17.5	17.7	17.4	17.5	17.6	17.7
<i>lysT</i>	20.9	20.9	20.6	20.8	20.8	21.0	20.6	21.0
<i>lysU</i>	15.4	15.3	15.0	15.4	15.2	15.3	15.0	15.2
<i>lysV</i>	20.4	20.4	20.4	20.1	20.4	20.6	20.2	20.4
<i>lysW</i>	20.6	20.6	20.6	20.5	20.4	20.8	20.5	20.7
<i>lysY</i>	20.9	20.8	20.5	20.7	20.6	20.9	20.6	20.8
<i>lysZ</i>	20.6	20.6	20.3	20.5	20.6	20.8	20.4	20.5
<i>lyxK</i>	12.9	12.9	12.7	12.9	12.9	12.9	12.9	12.7
<i>maa</i>	15.1	14.8	14.7	14.7	14.4	14.4	14.2	14.4
<i>macA</i>	15.2	15.2	14.9	15.0	15.0	15.3	15.0	15.1
<i>macB</i>	14.3	14.2	14.2	14.2	14.3	14.4	14.3	14.3
<i>maeA</i>	16.9	16.7	17.0	16.8	16.0	16.1	16.0	15.9
<i>maeB</i>	16.5	16.4	16.6	16.6	15.0	15.2	15.0	15.1
<i>mak</i>	15.0	14.8	14.8	14.8	15.3	14.8	14.9	15.0

<i>malE</i>	16.3	16.0	17.0	16.1	14.1	14.9	14.3	13.9
<i>malF</i>	14.0	13.8	14.4	13.7	13.1	13.3	13.2	12.9
<i>malG</i>	13.8	13.6	14.2	13.4	13.0	13.1	13.1	13.0
<i>malI</i>	13.5	13.5	13.4	13.6	13.8	13.5	13.6	13.4
<i>malK</i>	14.4	14.3	15.2	14.0	13.2	13.4	13.2	12.8
<i>malM</i>	14.7	14.6	15.7	14.4	13.1	13.5	13.2	12.9
<i>malP</i>	16.2	16.2	16.4	16.1	15.5	15.5	15.3	15.2
<i>malQ</i>	15.1	15.1	15.3	14.9	14.7	14.5	14.5	14.4
<i>malS</i>	13.3	13.2	13.3	13.1	13.1	13.1	13.0	12.8
<i>malT</i>	15.9	15.9	16.2	15.7	15.2	15.6	15.5	15.4
<i>malX</i>	13.7	13.6	13.4	13.5	13.4	13.7	13.4	13.6
<i>malY</i>	14.8	14.7	14.5	14.3	14.6	15.0	14.8	14.9
<i>malZ</i>	14.0	14.2	13.9	13.9	14.0	14.1	13.9	13.9
<i>manA</i>	16.2	16.1	15.9	16.0	16.6	16.9	16.8	16.7
<i>manX</i>	18.5	18.0	18.3	18.5	18.4	18.2	18.4	18.3
<i>manY</i>	18.1	17.9	18.5	18.4	18.6	18.1	18.8	18.4
<i>manZ</i>	17.4	17.1	17.7	17.7	17.9	17.2	18.0	17.7
<i>map</i>	17.3	17.7	17.3	17.1	16.6	17.7	17.3	16.7
<i>marA</i>	15.8	16.6	16.2	15.4	14.4	15.2	14.3	14.3
<i>marB</i>	14.0	14.6	14.3	13.8	12.9	13.5	13.1	13.2
<i>marC</i>	14.0	14.1	13.8	13.6	14.2	14.3	14.0	14.4
<i>marR</i>	14.9	15.4	15.2	14.2	14.3	14.6	14.0	13.9
<i>matA</i>	13.1	13.2	12.9	13.0	13.4	13.2	13.1	13.0
<i>matB</i>	13.4	13.3	13.3	13.3	13.8	13.7	13.7	13.3
<i>matC</i>	12.9	12.9	12.8	13.1	13.0	13.0	13.1	12.9
<i>matP</i>	15.8	15.8	15.3	15.6	15.5	15.8	15.0	15.6
<i>mazG</i>	15.4	15.4	14.8	15.2	15.1	15.4	14.8	15.2
<i>mcbA</i>	14.4	14.7	13.9	14.0	14.1	14.4	13.8	14.2
<i>mcbR</i>	14.0	14.0	13.4	13.7	13.4	13.6	13.1	13.1
<i>mcrA</i>	13.5	13.6	13.2	13.6	13.5	13.6	13.1	13.3
<i>mcrB</i>	14.8	14.5	14.3	14.3	14.5	14.4	14.1	14.2
<i>mcrC</i>	13.6	13.4	13.3	13.7	13.4	13.4	13.2	13.3
<i>mdaB</i>	16.3	16.5	16.1	16.1	15.8	16.2	15.9	16.1
<i>mdh</i>	19.3	19.2	19.6	19.3	16.3	16.7	16.4	16.6
<i>mdlA</i>	13.4	13.4	13.3	13.4	13.4	13.4	13.4	13.3
<i>mdlB</i>	13.2	13.3	13.2	13.2	13.2	13.2	13.2	13.1
<i>mdoB</i>	14.6	14.4	14.3	14.1	14.3	14.5	14.2	14.3
<i>mdoC</i>	14.4	14.1	13.9	13.8	13.4	13.8	13.3	13.5
<i>mdoD</i>	15.2	15.1	14.9	14.9	15.0	15.1	15.0	15.3
<i>mdoG</i>	17.7	17.6	17.3	17.6	17.5	17.6	17.3	17.5
<i>mdoH</i>	15.9	15.8	15.9	15.8	15.8	15.7	15.9	15.9
<i>mdtA</i>	13.8	14.2	14.2	13.7	13.7	13.8	13.8	13.5
<i>mdtB</i>	13.3	13.5	13.4	13.6	13.1	13.2	13.2	13.2
<i>mdtC</i>	13.1	13.2	13.2	13.0	13.1	13.1	13.1	13.0
<i>mdtD</i>	13.0	13.2	13.2	12.7	13.1	13.1	13.1	13.0
<i>mdtE</i>	14.3	14.3	13.9	14.2	16.8	16.4	16.8	17.4
<i>mdtF</i>	13.9	13.9	13.6	13.6	16.5	15.9	16.4	16.9
<i>mdtG</i>	13.4	13.3	13.3	13.2	13.5	13.9	13.6	13.6
<i>mdtH</i>	13.1	13.2	13.1	13.2	13.5	13.4	13.7	13.5
<i>mdtI</i>	13.6	13.2	13.2	13.1	13.1	13.0	13.1	12.9
<i>mdtJ</i>	14.3	13.8	13.7	14.3	13.9	13.4	13.6	13.1
<i>mdtK</i>	14.8	14.5	14.5	14.4	14.9	15.0	15.1	15.2
<i>mdtL</i>	13.1	13.1	13.0	13.0	12.9	13.0	12.9	12.9
<i>mdtM</i>	13.2	13.2	13.1	12.9	13.6	14.1	13.8	13.8
<i>mdtQ</i>	12.8	12.8	12.7	13.1	12.9	12.9	12.9	12.8
<i>melA</i>	13.3	13.3	13.2	13.4	13.2	13.3	13.2	13.2
<i>melB</i>	13.2	13.1	13.0	13.0	13.0	13.2	13.0	13.0
<i>melR</i>	13.8	13.7	13.5	13.6	13.3	13.7	13.4	13.4
<i>menA</i>	14.7	14.6	14.6	14.3	14.4	14.3	14.3	14.3
<i>menB</i>	15.8	15.5	15.5	15.7	16.0	15.9	15.9	16.2
<i>menC</i>	14.8	14.6	14.6	14.6	15.1	14.7	15.1	15.3

<i>menD</i>	13.8	13.6	13.7	13.5	14.3	14.3	14.4	14.2
<i>menE</i>	13.9	13.6	13.7	13.8	14.2	13.8	14.1	14.1
<i>menF</i>	14.9	14.9	14.6	14.4	15.0	15.1	14.9	15.0
<i>menH</i>	14.4	14.1	14.1	14.6	14.6	14.5	14.6	14.5
<i>mepA</i>	15.7	15.7	15.6	15.7	15.2	15.7	15.5	15.7
<i>metA</i>	17.2	17.1	17.2	17.2	17.5	17.5	17.3	17.6
<i>metB</i>	16.2	16.5	16.5	16.2	16.2	16.4	16.0	16.1
<i>metC</i>	17.0	17.0	16.7	17.0	17.0	17.1	17.1	17.1
<i>metE</i>	19.5	19.7	20.2	19.6	19.4	19.2	19.7	19.2
<i>metF</i>	17.5	17.2	17.3	17.6	18.1	17.4	17.5	18.3
<i>metG</i>	17.1	17.0	16.9	17.1	17.0	17.2	17.2	17.1
<i>metH</i>	16.2	15.6	16.0	16.2	16.0	15.6	15.8	15.9
<i>metI</i>	17.7	17.7	17.8	17.6	18.1	18.0	18.1	18.1
<i>metJ</i>	17.4	17.2	17.2	17.0	17.8	17.7	17.4	17.6
<i>metK</i>	18.7	18.7	18.8	18.7	18.9	18.9	19.2	19.3
<i>metL</i>	15.4	15.5	15.8	15.2	15.2	15.4	15.3	15.3
<i>metN</i>	16.9	17.1	17.0	16.8	17.5	17.4	17.6	17.7
<i>metQ</i>	19.1	19.0	19.1	19.1	19.2	19.0	19.2	19.2
<i>metR</i>	15.5	15.1	15.3	15.0	15.1	15.4	15.1	15.5
<i>metT</i>	19.5	19.3	19.5	18.9	19.6	19.7	19.3	19.5
<i>metU</i>	19.2	19.3	18.9	19.0	19.0	19.0	18.6	18.8
<i>metV</i>	20.2	20.0	20.4	20.6	20.1	19.9	19.5	20.3
<i>metW</i>	20.7	20.5	20.8	20.6	20.4	20.4	19.9	20.4
<i>metY</i>	20.1	19.8	20.0	20.0	19.8	19.9	19.5	19.9
<i>metZ</i>	20.2	19.8	20.0	19.7	19.7	20.1	19.3	20.1
<i>mfd</i>	15.6	15.6	15.4	15.5	15.4	15.6	15.5	15.6
<i>mgIA</i>	14.4	14.0	14.5	14.2	12.7	12.8	12.7	12.7
<i>mgIB</i>	15.5	15.0	15.7	15.6	13.0	13.0	12.9	13.0
<i>mgIC</i>	14.1	13.8	14.5	14.0	13.1	12.8	12.9	12.7
<i>mgrB</i>	16.2	16.4	15.7	15.7	16.1	16.5	15.6	16.2
<i>mgrR</i>	18.5	18.1	17.7	17.1	18.4	18.6	16.7	17.2
<i>mgsA</i>	16.5	16.8	16.5	16.4	16.8	17.0	16.8	16.7
<i>mgtA</i>	14.9	15.0	14.6	14.9	14.9	15.5	15.2	14.7
<i>mgtL</i>	17.9	17.8	17.8	17.1	18.1	18.3	17.6	17.9
<i>mhpA</i>	12.9	12.9	12.7	13.2	12.9	12.7	12.8	12.6
<i>mhpB</i>	12.9	12.8	12.7	12.8	12.7	12.7	12.7	12.6
<i>mhpC</i>	13.1	13.0	13.0	13.1	12.8	12.7	12.8	12.6
<i>mhpD</i>	13.0	12.9	12.9	13.4	13.1	12.9	12.9	12.6
<i>mhpE</i>	13.1	13.2	13.1	13.1	13.2	13.0	13.1	12.8
<i>mhpF</i>	13.1	13.1	13.0	13.4	13.1	13.0	13.0	12.9
<i>mhpR</i>	14.8	14.5	14.7	14.3	12.9	12.9	12.9	12.8
<i>mhpT</i>	13.0	13.0	13.1	13.5	13.1	13.1	13.1	12.9
<i>miaA</i>	17.4	17.3	17.1	17.1	17.9	17.6	17.3	17.2
<i>miaB</i>	16.3	15.8	16.1	16.2	16.0	15.8	16.0	16.2
<i>micA</i>	13.8	14.4	13.7	13.5	13.6	13.7	13.4	14.0
<i>micC</i>	13.4	13.5	13.0	13.0	13.1	13.3	13.0	13.1
<i>micF</i>	15.0	15.2	14.9	13.4	14.2	15.0	13.4	14.4
<i>micM</i>	14.6	14.5	14.0	13.6	14.2	15.2	13.8	13.9
<i>minC</i>	17.7	17.7	17.4	17.4	17.7	17.8	17.4	17.4
<i>minD</i>	17.9	17.8	17.6	17.8	17.8	18.0	17.7	17.8
<i>minE</i>	18.3	18.2	17.5	18.3	17.4	18.3	17.4	17.9
<i>mioC</i>	17.3	17.3	17.0	16.6	16.8	16.8	16.5	16.6
<i>mipA</i>	18.0	17.8	18.1	18.0	17.8	17.4	17.7	17.5
<i>mIaA</i>	16.3	16.2	16.2	16.2	15.9	15.8	15.8	15.9
<i>mIaB</i>	16.0	15.8	16.1	16.0	16.0	16.1	16.2	16.1
<i>mIaC</i>	16.8	16.9	16.8	17.0	17.0	16.9	17.0	17.0
<i>mIaD</i>	16.4	16.4	16.4	16.5	16.5	16.4	16.4	16.3
<i>mIaE</i>	15.7	15.8	16.0	15.6	16.1	15.8	16.0	16.0
<i>mIaF</i>	15.5	15.6	15.4	15.4	15.8	15.6	15.7	15.6
<i>mIiC</i>	14.3	14.2	13.9	13.7	14.1	14.3	14.1	14.5
<i>mIraA</i>	14.7	14.8	14.2	14.4	14.4	14.7	14.2	14.6

<i>mltA</i>	15.7	15.7	15.5	15.4	15.5	15.7	15.3	15.5
<i>mltB</i>	15.0	14.9	14.7	14.5	14.6	14.8	14.5	14.7
<i>mltC</i>	15.3	15.2	15.0	15.1	14.6	15.0	14.6	14.8
<i>mltD</i>	17.0	17.0	16.7	17.0	16.8	17.0	16.5	16.7
<i>mltF</i>	13.5	13.6	13.4	13.2	13.7	13.4	13.2	13.1
<i>mmuM</i>	14.2	14.4	14.4	14.1	14.1	14.3	14.1	14.1
<i>mmuP</i>	14.8	15.0	14.9	14.4	14.4	14.8	14.4	14.6
<i>mngA</i>	12.7	12.7	12.6	13.1	12.8	12.7	12.7	12.6
<i>mngB</i>	13.5	13.5	13.2	13.2	13.7	13.8	13.6	13.6
<i>mngR</i>	14.3	14.3	13.9	14.0	13.9	14.3	13.8	13.9
<i>mnmA</i>	16.7	16.7	16.5	16.5	16.8	16.7	16.6	16.8
<i>mnmC</i>	14.1	14.1	13.9	13.8	14.0	14.3	14.1	14.1
<i>mnmE</i>	15.1	15.0	15.0	14.8	15.0	14.9	15.0	14.9
<i>mnmG</i>	15.8	15.6	15.7	15.6	15.7	15.5	15.6	15.6
<i>mntH</i>	14.0	15.3	14.9	13.7	13.6	14.7	14.3	13.5
<i>mntR</i>	15.7	15.7	15.4	15.5	15.2	15.6	15.2	14.8
<i>moaA</i>	16.0	17.4	17.2	15.9	15.6	15.6	15.8	15.9
<i>moaB</i>	17.4	18.6	18.3	17.2	17.0	16.8	17.1	17.1
<i>moaC</i>	16.6	17.8	17.5	16.5	16.1	15.7	16.2	16.3
<i>moaD</i>	16.6	17.7	17.5	16.6	16.2	15.9	16.3	16.1
<i>moaE</i>	16.0	17.3	17.1	16.1	15.7	15.3	15.7	15.7
<i>mobA</i>	15.0	15.0	14.5	14.5	14.8	15.2	14.6	14.7
<i>mobB</i>	14.6	14.8	14.1	14.5	14.2	14.7	14.2	14.4
<i>mocA</i>	13.3	13.3	13.0	13.2	13.4	13.4	13.1	13.4
<i>modA</i>	14.7	14.6	14.3	14.6	14.4	14.4	14.4	14.5
<i>modB</i>	14.2	14.1	14.1	14.0	14.3	14.2	14.2	14.3
<i>modC</i>	13.8	13.8	13.6	13.3	13.7	13.9	13.8	13.9
<i>modE</i>	15.0	15.1	14.8	14.6	14.8	15.4	15.0	15.1
<i>modF</i>	15.9	16.5	15.9	15.8	14.5	15.4	14.9	14.8
<i>moeA</i>	15.3	15.3	15.3	15.4	15.3	15.4	15.4	15.4
<i>moeB</i>	14.4	14.6	14.2	14.2	14.2	14.6	14.5	14.7
<i>mog</i>	14.9	15.0	14.7	14.5	14.8	14.9	14.6	14.7
<i>mokB</i>	14.9	14.8	14.8	14.7	15.3	15.3	15.0	15.3
<i>mokC</i>	13.6	13.5	13.5	13.0	13.8	13.7	13.6	13.6
<i>molR_1</i>	13.3	13.3	13.0	13.3	13.2	13.6	13.0	13.1
<i>molR_2</i>	13.1	13.0	12.9	12.9	12.9	13.2	13.0	12.9
<i>molR_3</i>	12.7	12.8	12.6	13.2	12.7	12.7	12.7	12.7
<i>motA</i>	12.8	12.9	12.8	12.9	12.8	13.2	12.9	12.7
<i>motB</i>	12.9	13.2	12.8	13.1	13.0	13.2	12.9	12.8
<i>mpaA</i>	14.5	14.7	14.4	14.0	14.9	15.1	14.9	15.0
<i>mpl</i>	16.2	16.1	16.0	16.1	16.4	16.1	16.1	16.2
<i>mppA</i>	14.8	14.6	14.4	14.5	14.6	14.7	14.4	14.5
<i>mprA</i>	17.7	17.5	17.3	17.7	17.2	17.4	17.2	17.4
<i>mqq</i>	15.5	16.8	16.0	15.2	13.0	13.1	13.1	13.0
<i>mqsA</i>	14.9	14.9	14.3	14.8	14.5	15.0	14.3	14.8
<i>mqsR</i>	16.3	16.4	15.6	15.8	16.1	16.8	15.5	16.0
<i>mraY</i>	15.9	15.9	15.7	15.8	15.8	15.8	15.7	16.0
<i>mraZ</i>	17.0	16.9	16.7	16.8	17.4	17.2	16.8	16.9
<i>mrcA</i>	14.6	14.6	14.4	14.3	14.4	14.4	14.3	14.3
<i>mrcB</i>	14.6	14.6	14.5	14.3	14.6	14.7	14.6	14.7
<i>mrda</i>	14.8	14.7	14.6	14.5	14.4	14.7	14.3	14.5
<i>mrdb</i>	15.7	15.7	15.5	15.3	15.5	15.7	15.3	15.6
<i>mreB</i>	17.4	17.4	17.5	17.4	17.6	17.5	17.7	17.7
<i>mreC</i>	15.3	15.3	15.2	15.2	15.2	15.2	15.2	15.4
<i>mreD</i>	15.7	15.7	15.3	15.2	15.3	15.6	15.1	15.5
<i>mrp</i>	16.7	15.6	16.6	16.7	16.8	15.6	16.8	16.8
<i>mrr</i>	15.0	14.8	14.8	14.5	15.0	14.9	14.8	14.9
<i>msbA</i>	15.7	15.8	15.4	15.7	15.7	16.1	15.7	15.8
<i>mscL</i>	18.1	18.1	17.7	17.9	17.6	17.5	17.2	17.5
<i>mscM</i>	15.0	14.9	14.4	14.8	14.9	15.3	14.7	15.1
<i>mscS</i>	18.2	18.3	17.9	18.2	18.2	18.4	18.1	18.6

<i>msrA</i>	15.8	16.0	15.7	15.6	15.7	15.9	15.7	15.6
<i>msrB</i>	18.5	17.2	18.1	18.2	15.5	15.6	15.4	15.6
<i>msyB</i>	18.1	18.2	17.7	17.8	18.1	17.6	17.0	17.5
<i>mtfA</i>	16.0	16.1	15.6	15.8	15.7	16.5	15.5	15.7
<i>mtgA</i>	14.4	14.5	14.2	14.3	14.7	14.8	14.6	14.8
<i>mtlA</i>	15.0	14.8	15.1	15.4	14.8	14.7	15.0	15.0
<i>mtlD</i>	15.8	15.7	15.6	15.6	15.9	15.8	15.9	16.1
<i>mtlR</i>	15.1	15.2	14.8	15.1	15.1	15.1	14.9	15.3
<i>mtn</i>	16.9	16.9	16.6	16.6	16.6	16.8	16.7	16.8
<i>mtr</i>	13.8	13.7	13.7	13.3	14.0	14.3	14.2	14.4
<i>mug</i>	15.6	15.8	15.6	15.0	15.7	15.5	15.6	15.3
<i>mukB</i>	15.6	15.6	15.4	15.5	15.4	15.6	15.4	15.5
<i>mukE</i>	16.1	16.0	15.8	15.8	15.9	16.2	15.8	15.6
<i>mukF</i>	15.5	15.5	15.3	15.2	15.5	15.6	15.4	15.4
<i>murA</i>	16.7	16.7	16.5	16.7	16.6	16.5	16.5	16.5
<i>murB</i>	15.9	15.8	15.2	15.8	15.6	15.9	15.3	15.7
<i>murC</i>	15.6	15.4	15.4	15.3	15.6	15.5	15.5	15.7
<i>murD</i>	15.5	15.5	15.3	15.5	15.6	15.5	15.4	15.6
<i>murE</i>	15.7	15.7	15.8	16.0	16.1	15.6	15.8	15.9
<i>murF</i>	15.5	15.5	15.6	15.5	15.5	15.5	15.7	15.7
<i>murG</i>	15.3	15.1	15.3	15.0	15.6	15.3	15.2	15.3
<i>murI</i>	15.6	15.6	15.3	15.4	15.5	15.8	15.6	15.5
<i>murJ</i>	14.3	14.2	14.2	13.7	14.1	14.2	14.2	14.2
<i>murP</i>	13.1	13.1	13.1	13.1	13.1	13.2	13.2	13.2
<i>murQ</i>	14.0	14.0	13.8	14.0	13.9	14.0	13.8	13.7
<i>murR</i>	13.5	13.5	13.2	13.4	13.4	13.6	13.3	13.3
<i>mutH</i>	13.9	13.9	13.7	13.5	13.9	14.1	13.8	13.9
<i>mutL</i>	14.8	14.7	14.5	14.4	14.4	14.8	14.6	14.6
<i>mutM</i>	14.1	14.0	14.0	13.9	13.8	13.9	13.8	13.8
<i>mutS</i>	14.5	14.7	14.5	14.4	14.5	14.7	14.5	14.3
<i>mutT</i>	14.3	14.2	14.1	13.8	13.9	14.2	13.9	13.8
<i>mutY</i>	15.3	15.2	14.9	14.9	14.8	14.9	14.6	14.8
<i>mzrA</i>	14.5	14.3	14.4	13.9	14.5	14.8	14.3	14.5
<i>nac</i>	14.0	13.7	13.6	13.5	13.2	13.8	13.2	13.2
<i>nadA</i>	17.4	17.6	17.1	17.4	17.9	18.1	17.8	17.8
<i>nadB</i>	15.5	15.8	15.5	15.4	16.1	16.3	16.3	16.3
<i>nadC</i>	15.4	15.4	15.3	15.0	15.4	15.7	15.4	15.5
<i>nadD</i>	15.5	15.5	15.1	15.2	15.4	15.7	15.3	15.5
<i>nadE</i>	17.4	17.5	17.0	17.3	17.6	17.6	17.4	17.3
<i>nadK</i>	15.3	15.4	15.0	15.8	15.3	15.7	15.3	15.4
<i>nadR</i>	15.2	15.2	14.9	15.0	15.2	15.2	15.0	15.2
<i>nagA</i>	15.4	15.3	15.1	15.0	15.2	15.7	15.3	15.4
<i>nagB</i>	15.6	15.5	15.2	15.2	14.9	15.2	14.9	15.2
<i>nagC</i>	15.7	15.7	15.3	15.5	15.5	16.0	15.6	15.8
<i>nagD</i>	16.1	16.1	15.8	15.8	16.0	16.4	16.2	16.4
<i>nagE</i>	14.8	14.5	14.8	14.7	14.1	14.2	14.4	14.2
<i>nagK</i>	15.3	15.3	15.2	14.9	15.7	15.6	15.5	15.6
<i>nagZ</i>	16.3	15.7	15.9	16.2	16.7	16.2	16.3	16.3
<i>nanA</i>	13.4	13.2	13.3	13.1	13.0	12.9	13.0	12.8
<i>nanC</i>	13.4	13.2	13.0	13.6	13.2	13.4	12.9	13.1
<i>nanE</i>	13.2	13.2	13.1	13.5	13.1	13.0	13.2	13.0
<i>nanK</i>	13.4	13.4	13.5	13.5	13.6	13.3	13.5	13.2
<i>nanM</i>	14.3	14.3	13.8	14.0	14.1	14.2	13.7	13.7
<i>nanR</i>	15.2	15.3	14.8	14.8	15.0	15.5	15.1	15.2
<i>nanS</i>	13.2	13.2	13.1	13.2	13.0	13.3	13.0	12.9
<i>nanT</i>	13.0	12.9	13.0	13.1	13.0	12.9	13.0	12.9
<i>napA</i>	13.4	12.9	13.4	13.1	13.9	13.3	14.1	13.9
<i>napB</i>	13.4	13.1	13.5	13.1	13.8	13.3	14.0	13.8
<i>napC</i>	14.1	13.9	13.9	13.9	14.8	14.6	14.5	14.7
<i>napD</i>	13.4	13.2	13.5	13.8	14.2	13.4	14.1	13.8
<i>napF</i>	13.4	13.1	13.3	13.1	14.0	13.7	14.2	14.2

<i>napG</i>	13.0	12.8	13.1	13.2	13.3	12.9	13.7	13.4
<i>napH</i>	13.3	13.0	13.3	13.2	13.7	13.2	13.8	13.5
<i>narG</i>	13.0	12.8	12.9	13.1	16.8	14.2	16.9	17.1
<i>narH</i>	13.2	13.1	13.1	13.2	16.6	14.7	16.7	17.2
<i>narI</i>	12.9	13.0	13.0	13.2	15.5	13.9	15.6	16.2
<i>narJ</i>	13.0	13.0	12.9	12.8	15.8	14.2	15.9	16.8
<i>narK</i>	12.7	12.7	12.7	12.9	15.0	14.4	15.0	15.5
<i>narL</i>	16.2	16.2	15.9	16.2	15.8	15.7	15.7	15.9
<i>narP</i>	15.5	15.0	15.3	15.2	16.2	16.2	16.1	16.2
<i>narQ</i>	13.5	13.5	13.4	13.3	14.1	14.5	14.1	14.2
<i>narU</i>	13.1	12.8	12.9	12.9	13.1	12.6	12.8	12.9
<i>narV</i>	13.0	12.8	12.9	12.8	13.1	12.8	13.0	13.1
<i>narW</i>	13.1	13.1	13.1	13.3	13.3	13.0	13.3	13.0
<i>narX</i>	14.6	14.6	14.2	14.2	14.3	14.4	14.1	14.3
<i>narY</i>	13.3	13.0	13.2	13.6	13.7	13.1	13.4	13.3
<i>narZ</i>	13.2	12.8	13.1	13.3	13.3	12.8	13.2	13.1
<i>ndh</i>	16.4	16.7	16.2	16.5	14.4	14.7	14.3	14.3
<i>ndk</i>	18.6	18.1	18.4	18.4	14.5	15.0	14.7	15.1
<i>nei</i>	14.5	14.5	14.2	14.3	14.3	14.4	14.3	14.5
<i>nemA</i>	14.5	14.6	14.4	14.1	14.2	14.3	14.2	14.3
<i>nemR</i>	13.9	13.8	13.8	13.3	13.4	13.8	13.5	13.5
<i>nepI</i>	13.6	13.6	13.5	13.7	13.1	13.1	13.1	13.0
<i>nfi</i>	15.2	15.1	15.0	14.9	15.1	15.0	15.1	15.1
<i>nfo</i>	15.6	15.9	15.5	15.3	15.1	15.8	15.4	15.5
<i>nfrA</i>	13.6	13.5	13.4	13.4	13.4	13.7	13.5	13.5
<i>nfrB</i>	13.0	13.0	12.9	13.1	13.1	13.2	13.0	13.1
<i>nfsA</i>	16.5	16.8	16.3	16.3	16.0	16.1	15.7	15.9
<i>nfsB</i>	17.4	17.2	16.9	17.2	17.0	17.3	16.7	17.1
<i>nfuA</i>	17.8	18.1	17.9	17.5	16.9	17.4	16.9	17.1
<i>nhaA</i>	14.8	14.9	14.7	14.5	15.4	15.1	15.3	15.7
<i>nhaB</i>	15.6	15.8	15.7	15.4	15.2	15.7	15.4	15.4
<i>nhaR</i>	14.6	14.5	14.1	14.0	14.7	14.8	14.5	15.1
<i>nhoA</i>	14.3	14.7	14.1	14.3	14.3	14.5	14.1	14.1
<i>nikA</i>	13.0	12.9	12.9	13.1	16.8	16.8	17.1	16.9
<i>nikB</i>	12.9	12.8	12.8	12.9	15.3	15.5	15.8	15.9
<i>nikC</i>	12.7	12.7	12.8	12.8	15.4	14.8	15.6	15.3
<i>nikD</i>	13.1	13.1	13.1	13.0	16.0	15.8	16.3	16.4
<i>nikE</i>	13.4	13.4	13.2	13.4	15.1	15.4	15.6	15.5
<i>nikR</i>	14.9	15.0	14.7	14.2	15.0	15.8	15.3	15.4
<i>ninE</i>	13.1	13.2	12.9	13.7	13.2	13.1	13.1	12.8
<i>nirB</i>	13.0	12.8	12.9	13.1	15.7	15.0	16.7	16.3
<i>nirC</i>	13.4	13.2	13.4	13.0	14.3	14.1	15.3	14.6
<i>nirD</i>	12.9	12.8	12.9	12.9	14.8	14.1	15.6	15.4
<i>nlpA</i>	17.4	17.6	16.9	17.2	17.4	17.9	17.1	17.2
<i>nlpC</i>	16.0	16.0	15.8	15.7	16.1	16.4	15.9	16.2
<i>nlpD</i>	18.5	18.6	18.6	18.7	18.6	18.3	18.3	18.2
<i>nlpE</i>	15.2	15.1	14.8	14.7	15.1	15.2	15.0	15.0
<i>nlpI</i>	17.8	17.9	17.1	17.8	18.1	18.2	17.9	18.2
<i>nmpC</i>	19.1	18.3	18.9	19.1	18.9	19.1	19.0	18.7
<i>nohA</i>	13.1	13.1	12.9	13.4	13.2	13.1	13.0	13.0
<i>nohB</i>	13.1	13.1	12.9	13.5	13.3	13.2	13.1	12.9
<i>norR</i>	13.8	13.8	13.6	13.6	13.8	13.7	13.7	13.5
<i>norV</i>	13.1	13.0	12.9	13.1	13.0	13.1	13.0	13.0
<i>norW</i>	13.0	12.9	12.8	13.2	12.9	13.0	12.9	12.8
<i>npr</i>	15.5	15.5	15.0	15.2	15.6	15.9	15.3	15.7
<i>nrdA</i>	16.5	16.3	16.3	16.5	14.8	15.3	15.4	14.9
<i>nrdB</i>	16.5	16.4	16.3	16.5	15.3	15.9	15.8	15.7
<i>nrdD</i>	13.8	13.8	13.7	13.5	15.2	15.6	16.0	15.4
<i>nrdE</i>	13.9	17.5	17.0	14.0	12.7	16.2	16.3	12.7
<i>nrdF</i>	13.7	17.0	16.6	13.4	12.7	15.7	15.6	12.6
<i>nrdG</i>	13.3	13.4	13.2	13.4	14.0	14.6	14.7	14.3

<i>nrdH</i>	15.2	19.2	19.1	14.6	13.1	18.0	18.4	13.1
<i>nrdI</i>	14.2	18.0	17.7	13.7	12.8	16.8	17.1	12.7
<i>nrdR</i>	16.4	16.3	16.0	16.1	16.3	16.4	16.2	16.2
<i>nrfA</i>	13.1	13.0	12.9	13.3	16.4	13.4	17.1	16.8
<i>nrfB</i>	12.8	12.8	12.8	12.9	15.4	12.8	16.4	16.1
<i>nrfC</i>	12.8	12.9	12.8	13.5	15.1	12.9	15.9	15.9
<i>nrfD</i>	12.8	12.8	12.8	13.6	15.0	12.8	15.6	15.5
<i>nrfE</i>	12.7	12.8	12.7	13.0	13.3	12.8	13.5	13.4
<i>nrfF</i>	13.0	13.0	12.9	13.1	13.7	13.0	13.7	13.5
<i>nrfG</i>	12.9	13.0	12.8	13.2	13.2	12.9	13.4	13.4
<i>nsrR</i>	16.2	16.0	15.9	15.8	16.1	16.4	15.8	16.0
<i>nth</i>	15.1	15.0	14.6	14.6	14.1	14.3	14.0	14.5
<i>nudB</i>	17.1	16.9	16.8	17.3	17.5	17.4	17.3	17.3
<i>nudC</i>	16.0	15.9	15.7	15.8	15.8	15.7	15.6	15.7
<i>nudE</i>	16.2	16.3	15.8	16.1	14.9	15.2	14.6	14.9
<i>nudF</i>	15.8	15.7	15.2	15.3	15.9	16.0	15.4	15.6
<i>nudG</i>	14.0	13.9	13.8	13.8	13.7	14.1	13.8	13.7
<i>nudI</i>	14.0	14.4	14.1	13.5	13.6	14.0	13.6	13.7
<i>nudJ</i>	15.5	15.4	14.9	15.2	15.1	15.6	15.0	15.4
<i>nudK</i>	15.1	15.2	14.6	15.1	14.9	15.1	14.6	14.8
<i>nudL</i>	14.9	14.9	14.7	14.3	15.0	15.3	15.1	15.3
<i>nuoA</i>	17.8	16.5	17.6	17.8	17.3	16.1	17.3	17.3
<i>nuoB</i>	17.8	16.3	17.7	17.9	17.3	15.9	17.2	17.0
<i>nuoC</i>	17.5	15.8	17.7	17.6	16.7	15.2	17.0	16.7
<i>nuoE</i>	18.4	16.9	18.3	18.5	17.7	16.4	17.7	17.4
<i>nuoF</i>	17.3	15.8	17.4	17.4	16.5	15.2	16.5	16.3
<i>nuoG</i>	17.2	15.5	17.4	17.3	16.3	14.8	16.5	16.5
<i>nuoH</i>	17.3	15.2	17.4	17.4	16.4	14.6	16.3	16.4
<i>nuoI</i>	17.1	15.2	17.1	17.2	16.2	14.4	16.1	16.0
<i>nuoJ</i>	17.1	15.5	17.4	17.4	16.7	14.8	16.5	16.4
<i>nuoK</i>	17.6	15.7	17.4	18.0	16.5	15.0	16.6	16.6
<i>nuoL</i>	16.9	15.2	17.2	17.1	16.1	14.5	16.2	16.1
<i>nuoM</i>	17.0	15.5	17.2	17.0	16.2	15.0	16.4	16.4
<i>nuoN</i>	16.4	15.0	16.7	16.5	15.7	14.6	15.8	15.8
<i>nupC</i>	16.4	16.0	16.3	16.3	16.1	16.2	16.3	16.4
<i>nupG</i>	14.0	13.8	13.7	13.7	13.6	14.0	13.8	14.0
<i>nupX</i>	12.9	12.8	12.7	13.0	12.8	12.9	12.8	12.7
<i>nusA</i>	17.7	17.5	17.4	17.9	17.8	17.7	17.7	17.7
<i>nusB</i>	17.2	17.1	17.1	17.1	17.0	16.9	17.1	17.2
<i>nusG</i>	18.2	18.1	17.9	18.1	17.9	18.1	18.0	18.1
<i>obgE</i>	15.9	15.8	15.8	15.9	16.1	16.0	16.0	15.9
<i>ogrK</i>	14.9	15.0	14.6	14.2	14.5	15.0	14.3	14.5
<i>ogt</i>	14.6	14.6	14.3	14.0	14.5	14.9	14.5	14.7
<i>ohsC</i>	13.6	13.5	13.4	13.9	13.4	13.6	13.4	13.6
<i>ompA</i>	19.5	19.5	19.9	19.6	19.8	19.5	19.9	19.5
<i>ompC</i>	19.6	19.4	20.0	19.6	20.0	19.7	20.3	20.0
<i>ompF</i>	20.2	20.0	20.2	20.2	20.2	20.1	20.3	20.1
<i>ompG</i>	12.7	12.7	12.6	13.0	12.8	12.7	12.7	12.6
<i>ompL</i>	12.8	12.8	12.6	13.1	12.8	12.7	12.5	12.6
<i>ompN</i>	13.0	12.9	13.2	13.2	13.2	12.8	12.9	12.6
<i>ompR</i>	15.7	15.7	15.6	15.7	15.6	15.7	15.7	15.7
<i>ompT</i>	20.0	20.0	20.1	20.0	20.2	19.8	20.1	19.8
<i>ompW</i>	14.4	13.8	14.6	14.1	14.5	15.6	14.3	13.9
<i>ompX</i>	18.5	18.5	18.5	18.3	18.7	18.8	18.9	18.9
<i>omrA</i>	13.6	13.5	13.3	12.9	13.3	13.7	13.1	13.2
<i>omrB</i>	14.3	14.5	13.9	14.3	13.9	14.4	13.7	13.9
<i>oppA</i>	18.8	18.2	18.1	18.9	20.1	19.8	20.1	20.0
<i>oppB</i>	16.9	15.6	16.3	17.1	19.1	18.2	19.1	19.1
<i>oppC</i>	16.4	15.2	15.9	16.5	18.7	17.6	18.7	18.8
<i>oppD</i>	16.5	15.4	15.8	16.6	18.6	17.7	18.5	18.8
<i>oppF</i>	15.8	14.8	15.3	15.7	18.0	17.0	18.1	18.2

<i>orn</i>	15.8	15.8	15.7	15.5	15.8	15.8	15.6	15.8
<i>osmB</i>	16.8	16.4	16.3	16.3	16.9	16.6	16.2	16.9
<i>osmC</i>	17.2	17.5	17.1	17.0	17.0	16.9	16.3	16.8
<i>osmE</i>	17.5	17.3	17.1	17.0	17.6	16.9	16.3	17.2
<i>osmF</i>	14.6	14.4	14.3	14.1	14.1	14.1	13.9	14.1
<i>osmY</i>	18.0	17.7	17.5	18.1	15.2	15.0	14.6	15.3
<i>otsA</i>	16.1	15.8	15.6	16.2	15.7	15.5	15.3	15.8
<i>otsB</i>	16.0	16.0	15.3	16.0	15.9	15.8	15.1	15.5
<i>oxc</i>	12.9	12.9	12.8	12.9	12.8	13.0	12.8	12.6
<i>oxyR</i>	16.0	15.9	15.9	15.8	15.9	15.7	15.9	16.0
<i>oxyS</i>	14.7	15.6	14.3	13.5	13.1	13.6	12.9	12.9
<i>paaA</i>	12.7	12.9	12.6	13.0	12.7	12.6	12.6	12.8
<i>paaB</i>	13.3	13.5	13.1	14.1	13.4	13.1	13.1	12.8
<i>paaC</i>	12.9	13.0	12.8	13.2	12.9	12.9	12.8	12.7
<i>paaD</i>	12.9	13.1	12.8	13.2	13.0	12.9	12.9	12.7
<i>paaE</i>	12.9	13.0	12.8	12.9	12.9	12.8	12.9	13.2
<i>paaF</i>	12.9	12.9	12.8	13.3	12.9	12.9	12.8	12.7
<i>paaG</i>	12.9	12.9	12.9	13.1	13.0	12.8	12.9	12.8
<i>paaH</i>	12.9	12.9	12.8	13.3	13.0	12.8	12.9	12.8
<i>paaI</i>	12.8	13.0	12.8	12.8	12.9	12.9	12.8	12.9
<i>paaJ</i>	13.4	13.3	13.2	13.3	13.0	12.9	13.0	12.9
<i>paaK</i>	13.3	13.2	13.2	13.2	13.0	12.9	12.9	12.8
<i>paaX</i>	14.8	14.2	14.4	14.3	14.4	14.2	14.2	14.5
<i>paaY</i>	14.8	14.3	14.4	14.4	14.5	14.3	14.2	14.4
<i>paaZ</i>	12.8	12.8	12.7	13.1	12.9	12.7	12.8	12.6
<i>pabA</i>	14.5	14.5	14.3	14.2	14.2	14.4	14.2	14.2
<i>pabB</i>	15.0	15.0	14.6	14.6	14.6	14.9	14.6	14.8
<i>pabC</i>	14.9	14.9	14.4	14.5	14.8	15.0	14.6	14.8
<i>pagB</i>	15.9	16.1	15.6	15.7	15.6	16.0	15.4	15.6
<i>pagP</i>	13.1	13.1	12.9	13.0	13.8	13.5	13.6	13.8
<i>pal</i>	19.2	19.2	18.9	19.3	18.9	19.2	18.9	19.0
<i>panB</i>	17.2	17.4	17.4	17.3	17.7	17.7	17.8	17.6
<i>panC</i>	16.9	16.9	16.8	16.8	17.0	17.1	17.2	17.4
<i>panD</i>	18.2	18.2	18.0	17.8	17.9	18.0	17.7	18.1
<i>panE</i>	15.4	15.4	15.2	15.2	15.2	15.6	15.3	15.2
<i>panF</i>	14.1	14.0	14.0	14.0	13.8	13.9	13.9	13.9
<i>parC</i>	15.9	15.8	15.6	15.8	15.5	15.7	15.4	15.7
<i>parE</i>	15.2	15.4	15.0	15.2	15.2	15.5	15.2	15.3
<i>pbl</i>	12.7	12.8	12.5	13.0	12.8	12.6	12.5	12.6
<i>pbpC</i>	13.4	13.3	13.2	13.4	13.4	13.4	13.4	13.2
<i>pbpG</i>	15.5	15.5	15.0	15.0	15.2	15.8	15.4	15.6
<i>pck</i>	15.8	15.5	16.2	15.8	15.6	15.7	16.0	15.5
<i>pcm</i>	16.3	16.2	15.9	16.0	16.1	16.3	15.9	16.1
<i>pcnB</i>	16.8	16.8	16.8	16.7	17.0	16.9	17.1	16.9
<i>pdhR</i>	15.9	15.9	15.9	15.3	14.7	15.6	15.0	14.7
<i>pdxA</i>	16.1	16.1	15.8	15.9	16.1	16.2	15.9	16.0
<i>pdxB</i>	16.4	16.4	16.2	16.5	16.4	16.4	16.3	16.5
<i>pdxH</i>	17.0	17.0	16.5	16.9	16.8	17.1	16.9	17.3
<i>pdxJ</i>	16.3	16.3	16.0	16.2	16.6	16.5	16.4	16.3
<i>pdxK</i>	15.7	15.8	15.5	15.6	16.0	16.0	15.8	15.9
<i>pdxY</i>	15.5	15.3	15.2	15.1	15.2	15.4	15.5	15.7
<i>pepA</i>	16.7	16.6	16.5	16.8	16.6	16.7	16.5	16.7
<i>pepB</i>	16.1	15.3	16.1	16.1	15.3	14.5	15.5	15.3
<i>pepD</i>	17.1	17.2	16.9	17.1	17.3	17.3	17.2	17.3
<i>pepE</i>	13.9	13.7	14.0	13.5	16.1	16.1	16.5	16.6
<i>pepN</i>	16.6	16.5	16.5	16.5	16.4	16.5	16.4	16.5
<i>pepP</i>	16.7	16.8	16.5	16.9	16.7	16.9	16.9	16.9
<i>pepQ</i>	16.8	16.7	16.8	16.8	16.3	16.5	16.5	16.3
<i>pepT</i>	15.1	15.1	14.8	15.0	16.7	16.5	16.5	16.7
<i>perR</i>	13.3	13.3	13.1	13.2	13.1	13.4	13.0	13.1
<i>pfkA</i>	17.0	17.2	16.8	17.2	18.6	18.4	18.8	18.6

<i>pfkB</i>	16.8	16.8	16.4	16.6	16.9	16.9	16.7	16.9
<i>pfIA</i>	15.6	14.5	15.4	15.3	16.5	15.6	16.6	16.6
<i>pfIB</i>	18.3	18.3	18.3	18.4	19.7	19.7	20.1	19.8
<i>pfIC</i>	13.0	13.0	12.9	12.9	13.1	12.9	13.0	12.9
<i>pfID</i>	12.9	12.9	12.8	13.0	12.9	12.9	12.9	12.8
<i>pgaA</i>	13.0	13.0	12.9	12.9	13.1	13.3	13.1	13.0
<i>pgaB</i>	12.8	12.9	12.7	13.1	12.9	13.0	12.8	12.7
<i>pgaC</i>	12.9	13.0	12.8	13.3	12.9	13.0	12.9	12.8
<i>pgaD</i>	13.5	13.6	13.3	13.3	13.3	13.8	13.3	13.1
<i>pgi</i>	17.9	17.9	17.8	17.9	18.3	18.3	18.4	18.4
<i>pgk</i>	18.8	18.7	18.8	18.9	19.2	19.2	19.5	19.1
<i>pgl</i>	16.3	16.4	16.4	16.2	16.6	16.3	16.4	16.4
<i>pgm</i>	16.6	16.5	16.6	16.8	16.7	16.6	16.8	16.8
<i>pgpA</i>	15.1	15.1	14.9	15.0	15.4	15.3	15.2	15.6
<i>pgpB</i>	14.5	14.4	14.2	14.0	14.6	14.6	14.3	14.4
<i>pgpC</i>	14.8	14.8	14.4	14.1	14.6	15.2	14.8	15.2
<i>pgsA</i>	15.6	15.6	15.6	15.2	15.6	15.8	15.7	15.8
<i>pheA</i>	16.8	17.0	16.5	16.8	16.0	16.7	16.0	16.0
<i>pheL</i>	16.7	16.6	16.2	15.4	16.8	17.1	16.1	16.0
<i>pheM</i>	15.9	16.0	15.3	15.1	15.8	16.8	15.6	15.9
<i>pheP</i>	14.2	14.0	14.0	13.7	13.8	14.0	13.8	14.1
<i>pheS</i>	17.3	17.2	17.3	17.3	17.2	17.3	17.3	17.2
<i>pheT</i>	17.6	17.6	17.5	17.6	17.6	17.6	17.6	17.6
<i>pheU</i>	16.2	16.3	15.4	15.4	15.6	15.8	15.2	15.7
<i>pheV</i>	14.7	14.9	14.7	14.1	14.8	14.7	13.9	14.0
<i>phnC</i>	12.7	12.7	12.6	12.7	12.7	12.6	12.7	12.6
<i>phnD</i>	12.9	12.8	12.7	13.1	12.7	12.7	12.7	12.6
<i>phnE</i>	14.2	14.2	14.2	14.3	14.4	14.3	14.3	14.1
<i>phnF</i>	12.5	12.5	12.5	13.0	12.6	12.6	12.6	12.5
<i>phnG</i>	12.7	12.8	12.6	12.9	12.8	12.6	12.8	12.7
<i>phnH</i>	12.6	12.6	12.6	13.0	12.7	12.7	12.8	12.6
<i>phnI</i>	12.7	12.6	12.6	13.3	12.7	12.7	12.8	12.6
<i>phnJ</i>	12.8	12.8	12.6	12.9	12.8	12.7	12.8	12.6
<i>phnK</i>	12.8	12.7	12.8	13.6	12.9	12.8	12.9	12.6
<i>phnL</i>	12.6	12.6	12.6	12.8	12.9	12.6	12.8	12.5
<i>phnM</i>	12.8	12.8	12.7	13.0	13.3	12.7	12.9	12.6
<i>phnN</i>	13.1	13.0	13.1	13.2	13.1	13.0	13.1	12.8
<i>phnO</i>	13.9	13.9	13.7	13.1	13.6	13.7	13.7	13.9
<i>phnP</i>	13.4	13.4	13.4	13.9	13.5	13.3	13.4	13.3
<i>phoA</i>	14.3	14.2	14.2	14.2	13.7	14.0	13.9	13.8
<i>phoB</i>	14.5	14.4	14.3	14.2	14.4	14.4	14.2	14.3
<i>phoE</i>	13.2	12.8	12.9	13.0	12.9	12.8	12.7	12.7
<i>phoH</i>	15.8	16.1	15.6	15.6	12.8	13.1	13.5	12.9
<i>phoP</i>	17.4	17.4	17.0	17.4	17.4	17.8	17.2	17.2
<i>phoQ</i>	15.4	15.3	15.0	15.4	15.3	15.7	15.2	15.2
<i>phoR</i>	13.6	13.4	13.4	13.4	13.3	13.4	13.4	13.4
<i>phoU</i>	15.5	15.4	15.2	15.6	15.1	15.2	15.0	15.1
<i>php</i>	12.8	12.8	12.6	12.9	12.8	12.8	12.7	13.3
<i>phr</i>	14.1	14.2	13.7	14.2	14.1	14.0	13.7	13.8
<i>pinE</i>	13.0	13.0	12.8	13.1	13.2	12.9	13.0	12.8
<i>pinH</i>	13.3	13.2	13.0	13.3	13.4	13.1	13.1	13.0
<i>pinQ</i>	13.6	13.6	13.2	13.2	13.5	13.9	13.3	13.3
<i>pinR</i>	13.6	13.7	13.2	13.2	13.6	13.9	13.3	13.4
<i>pitA</i>	16.4	16.3	16.3	16.2	17.0	17.0	17.1	17.0
<i>pitB</i>	12.8	12.9	12.8	13.7	13.0	12.8	12.8	12.6
<i>pldA</i>	15.2	15.3	15.3	14.9	15.2	15.3	15.2	15.1
<i>pldB</i>	15.5	15.4	15.1	14.8	15.4	15.7	15.2	15.4
<i>pliG</i>	16.4	16.2	15.7	15.5	15.2	16.2	14.9	15.1
<i>plsB</i>	15.7	15.7	15.6	15.4	15.6	15.4	15.5	15.6
<i>plsC</i>	16.1	15.9	15.5	15.8	15.4	15.9	15.4	15.6
<i>plsX</i>	16.5	16.4	16.4	16.4	16.7	16.6	16.5	16.4

<i>pmbA</i>	15.8	15.8	15.7	15.8	15.8	15.8	15.7	15.7
<i>pmrD</i>	15.2	15.2	14.5	14.7	15.1	15.8	14.8	15.1
<i>pncA</i>	15.2	15.1	15.0	14.8	15.1	14.9	14.9	15.0
<i>pncB</i>	17.0	17.2	17.0	17.1	17.2	17.5	17.4	17.4
<i>pnp</i>	17.7	17.5	17.6	17.7	17.7	17.5	17.7	17.6
<i>pntA</i>	19.3	19.1	19.2	19.3	19.1	18.9	18.9	18.8
<i>pntB</i>	18.5	18.4	18.6	18.7	18.5	18.1	18.5	18.4
<i>pnuC</i>	17.0	17.2	16.7	17.2	17.4	17.6	17.5	17.6
<i>polA</i>	15.9	15.8	15.6	15.9	15.6	15.9	15.6	15.6
<i>polB</i>	13.7	13.7	13.6	13.5	13.5	13.7	13.5	13.5
<i>potA</i>	16.9	16.7	16.6	17.0	16.7	16.9	16.8	16.9
<i>potB</i>	16.5	16.3	16.0	16.6	16.1	16.2	16.2	16.6
<i>potC</i>	16.8	16.5	16.5	16.7	16.6	16.7	16.4	16.6
<i>potD</i>	17.6	17.6	17.6	17.8	17.4	17.5	17.4	17.5
<i>potE</i>	13.2	13.1	13.0	13.6	13.1	13.3	13.1	13.2
<i>potF</i>	16.5	16.6	16.3	16.4	15.6	15.9	15.3	15.4
<i>potG</i>	14.7	14.7	14.6	14.5	13.9	14.0	13.9	13.9
<i>potH</i>	14.6	14.7	14.3	14.5	13.9	13.9	13.6	13.7
<i>potI</i>	14.1	14.2	13.8	13.7	13.5	13.6	13.4	13.5
<i>poxB</i>	15.9	16.1	15.9	15.9	15.5	15.6	15.4	15.7
<i>ppa</i>	18.6	18.7	18.7	18.5	18.5	18.5	18.5	18.5
<i>ppc</i>	18.2	17.7	18.2	18.3	18.5	17.9	18.8	18.6
<i>ppdA</i>	13.0	12.9	12.9	13.3	13.0	12.9	13.0	13.1
<i>ppdB</i>	13.1	13.1	13.0	13.0	13.2	13.1	13.1	13.0
<i>ppdC</i>	14.0	13.8	13.8	13.7	13.9	13.9	13.9	13.6
<i>ppdD</i>	12.8	12.7	12.6	12.7	12.9	12.7	12.7	12.6
<i>pphA</i>	13.4	13.5	13.1	13.3	13.3	13.3	13.1	13.2
<i>pphB</i>	13.0	13.0	12.7	12.9	12.9	13.1	12.8	12.8
<i>ppiA</i>	16.9	16.7	16.6	16.7	16.3	16.5	16.2	16.5
<i>ppiB</i>	19.0	18.9	18.7	18.8	18.8	18.9	18.5	18.6
<i>ppiC</i>	16.2	16.0	15.8	15.2	15.9	16.2	15.4	15.8
<i>ppiD</i>	16.8	16.8	16.6	16.9	16.9	17.0	16.9	16.9
<i>ppk</i>	16.2	16.1	15.8	16.0	16.0	16.4	16.0	16.1
<i>pppA</i>	14.2	13.3	13.5	13.6	13.8	13.8	13.6	13.6
<i>ppsA</i>	16.9	16.8	17.1	16.9	15.2	15.3	15.3	15.4
<i>ppsR</i>	15.9	16.0	15.5	15.5	14.9	15.6	15.0	15.2
<i>pptA</i>	16.8	16.9	16.0	16.4	16.2	17.2	16.1	16.5
<i>ppx</i>	15.6	15.6	15.4	15.5	15.5	15.6	15.5	15.5
<i>pqiA</i>	14.3	14.2	14.0	13.9	13.8	14.1	13.8	14.0
<i>pqiB</i>	14.9	14.8	14.6	14.6	14.5	14.7	14.4	14.7
<i>pqqL</i>	13.8	16.1	15.8	13.5	13.3	17.3	15.5	13.0
<i>prc</i>	16.6	16.7	16.3	16.6	16.6	16.7	16.3	16.7
<i>preA</i>	13.5	13.3	13.0	13.5	14.4	13.4	13.2	14.2
<i>preT</i>	13.3	12.9	12.8	13.5	14.6	12.9	13.0	14.4
<i>prfA</i>	15.2	15.2	14.9	14.8	15.3	15.7	15.4	15.5
<i>prfB</i>	17.6	17.6	17.6	17.7	17.6	17.5	17.6	17.5
<i>prfC</i>	16.3	16.0	16.2	16.3	15.9	15.6	15.9	15.9
<i>prfH</i>	12.8	12.7	12.6	12.8	12.7	12.7	12.7	13.0
<i>priA</i>	14.0	14.0	13.9	13.6	13.9	14.1	14.0	14.0
<i>priB</i>	19.4	19.3	19.5	19.5	19.4	18.9	19.3	19.3
<i>priC</i>	14.5	14.3	14.5	14.2	14.5	14.6	14.6	14.5
<i>prkB</i>	15.4	15.4	15.4	15.3	15.1	15.4	15.2	15.1
<i>prlC</i>	15.7	15.7	15.8	15.6	15.2	15.5	15.4	15.3
<i>prmA</i>	14.9	14.9	14.9	14.7	14.7	14.9	14.8	14.9
<i>prmB</i>	17.1	17.1	16.6	17.1	16.9	17.2	16.8	16.9
<i>prmC</i>	13.9	13.8	13.7	13.6	14.0	14.1	14.0	14.1
<i>proA</i>	16.2	16.3	16.0	16.4	16.6	16.7	16.7	16.7
<i>proB</i>	16.3	16.3	16.3	16.1	16.9	16.9	17.1	16.9
<i>proC</i>	16.3	15.3	16.1	16.1	15.7	15.4	15.7	15.8
<i>proK</i>	14.4	14.2	14.4	13.9	14.1	14.5	13.8	13.6
<i>proL</i>	15.9	15.5	14.6	16.0	15.1	15.4	14.3	14.9

<i>proM</i>	16.2	15.9	15.4	15.0	15.4	16.0	15.0	15.5
<i>proP</i>	16.7	16.7	16.2	16.5	16.1	16.5	16.1	16.5
<i>proQ</i>	18.0	17.9	17.9	18.0	17.7	18.0	17.8	18.0
<i>proS</i>	16.9	16.8	16.9	16.9	16.8	16.7	17.1	17.0
<i>proV</i>	15.7	15.8	14.8	15.5	13.9	14.8	13.8	13.7
<i>proW</i>	14.8	14.9	14.5	14.5	13.4	13.9	13.7	13.3
<i>proX</i>	15.4	15.5	15.1	15.4	13.5	14.3	14.0	13.5
<i>proY</i>	14.5	14.5	14.4	14.0	14.6	15.0	14.9	14.8
<i>prpB</i>	12.9	12.8	12.9	13.3	13.1	12.8	12.9	12.5
<i>prpC</i>	12.8	12.7	12.6	14.1	12.7	12.6	12.7	12.7
<i>prpD</i>	12.7	12.6	12.6	13.0	12.9	12.6	12.6	12.5
<i>prpE</i>	12.7	12.7	12.7	13.1	12.9	12.7	12.9	12.6
<i>prpR</i>	13.1	13.2	13.0	13.5	12.8	12.7	12.7	12.6
<i>prs</i>	18.2	18.1	18.1	18.1	18.2	18.4	18.5	18.5
<i>pseG</i>	12.8	12.7	12.8	13.3	12.8	12.7	12.7	12.6
<i>pseK</i>	13.0	12.9	12.8	13.0	13.0	12.9	12.8	12.5
<i>psd</i>	16.2	16.3	16.2	16.0	16.5	16.7	16.8	16.6
<i>psiE</i>	14.6	15.4	14.2	13.8	14.2	15.4	14.3	14.8
<i>psiF</i>	15.5	15.6	14.8	15.2	14.8	15.1	14.3	14.7
<i>pspA</i>	16.0	15.9	15.4	15.7	15.6	15.7	15.0	15.3
<i>pspB</i>	15.7	15.7	15.1	15.5	15.2	15.8	15.2	15.5
<i>pspC</i>	14.9	14.7	14.6	14.4	14.6	15.0	14.6	14.7
<i>pspD</i>	14.6	14.5	14.4	14.6	14.3	14.6	14.4	14.5
<i>pspE</i>	15.8	15.7	15.7	15.1	15.5	15.8	15.3	15.7
<i>pspF</i>	13.8	13.8	13.6	13.4	13.7	14.0	13.7	13.7
<i>pspG</i>	14.1	14.1	13.9	13.5	13.8	14.3	13.9	14.0
<i>psrD</i>	18.6	18.6	17.8	18.3	18.0	18.6	17.6	18.0
<i>psrO</i>	13.1	13.0	12.9	13.2	13.0	13.1	12.8	13.0
<i>pssA</i>	16.9	16.8	16.5	16.8	16.7	17.0	16.7	16.8
<i>pstA</i>	14.7	14.5	14.7	14.1	14.4	14.3	14.4	14.4
<i>pstB</i>	16.2	15.9	15.9	15.8	15.7	15.9	15.7	15.7
<i>pstC</i>	15.1	14.8	15.1	14.7	14.5	14.5	14.5	14.5
<i>pstS</i>	16.4	16.0	16.4	16.2	15.7	15.6	15.7	15.6
<i>pta</i>	16.1	16.6	16.2	16.2	17.7	17.8	18.2	18.2
<i>pth</i>	15.9	15.7	15.6	15.7	15.6	15.8	15.5	15.5
<i>ptrA</i>	14.7	14.8	14.3	14.3	14.4	14.7	14.2	14.5
<i>ptrB</i>	14.5	14.5	14.1	14.4	13.9	14.3	14.0	14.2
<i>ptsA</i>	12.7	12.7	12.7	12.9	12.7	12.7	12.7	12.6
<i>ptsG</i>	18.5	18.5	18.7	18.6	18.6	18.6	18.8	18.8
<i>ptsH</i>	19.6	19.5	19.8	19.4	20.0	19.7	20.0	19.7
<i>ptsI</i>	18.8	18.7	18.5	18.9	19.2	19.1	19.2	19.2
<i>ptsN</i>	17.2	17.3	16.9	17.1	17.3	17.4	17.4	17.3
<i>ptsP</i>	15.9	15.8	15.5	15.7	15.8	16.0	15.7	15.9
<i>purA</i>	17.9	17.9	18.2	17.8	18.5	18.1	18.5	18.4
<i>purB</i>	17.9	17.8	17.7	18.0	17.2	17.4	17.3	17.4
<i>purC</i>	18.6	18.6	18.3	18.6	18.7	18.6	18.8	18.9
<i>purD</i>	16.7	16.7	16.7	16.7	16.6	16.3	16.7	16.6
<i>purE</i>	17.1	17.1	17.1	16.7	17.1	16.9	17.1	17.2
<i>purF</i>	17.6	17.5	17.4	17.5	17.1	17.4	17.4	17.4
<i>purH</i>	17.4	17.4	17.4	17.5	17.2	17.1	17.4	17.2
<i>purK</i>	16.7	16.7	16.5	16.5	16.8	16.5	16.7	16.9
<i>purL</i>	17.0	17.1	17.0	17.0	17.0	17.1	17.2	17.1
<i>purM</i>	17.8	17.9	17.7	17.9	18.1	17.8	18.0	17.9
<i>purN</i>	17.0	16.9	16.7	16.9	16.8	16.9	16.8	16.9
<i>purR</i>	16.6	16.4	16.2	16.3	16.2	16.7	16.2	16.6
<i>purT</i>	16.6	16.7	16.6	16.7	16.5	16.6	16.6	16.6
<i>purU</i>	17.9	17.9	17.3	17.8	17.6	17.8	17.4	17.6
<i>putA</i>	13.9	13.8	13.9	13.6	13.1	13.3	13.2	12.9
<i>putP</i>	15.9	16.3	15.8	16.1	14.9	15.0	14.7	14.8
<i>puuA</i>	15.6	14.5	15.2	15.4	13.0	12.9	12.9	13.1
<i>puuB</i>	14.6	13.5	14.4	14.5	12.9	12.9	13.0	12.8

<i>puuC</i>	15.1	13.9	14.9	15.3	13.2	13.1	13.2	13.0
<i>puuD</i>	15.6	14.6	15.2	15.4	13.4	13.5	13.3	13.3
<i>puuE</i>	14.4	13.4	14.2	14.2	13.0	12.9	13.0	12.9
<i>puuP</i>	13.9	13.5	13.7	13.6	13.1	13.1	12.9	12.9
<i>puuR</i>	15.4	14.6	15.0	15.4	13.9	14.0	13.7	13.8
<i>pykA</i>	16.8	16.8	16.7	16.9	18.5	18.3	18.6	18.6
<i>pykF</i>	18.2	18.3	18.0	18.4	18.8	18.8	18.9	18.9
<i>pyrB</i>	19.6	19.6	19.8	19.6	19.8	19.4	19.8	19.7
<i>pyrC</i>	18.2	18.4	18.1	18.3	18.1	18.0	18.1	18.3
<i>pyrD</i>	17.7	17.6	17.2	17.6	18.5	18.3	18.1	18.4
<i>pyrE</i>	13.8	13.7	13.5	13.7	13.3	13.3	13.3	13.7
<i>pyrF</i>	16.7	16.7	16.3	16.5	16.3	16.1	16.1	16.4
<i>pyrG</i>	17.3	17.2	17.2	17.4	17.7	17.4	17.5	17.5
<i>pyrH</i>	17.7	17.4	17.4	17.6	17.5	17.3	17.3	17.2
<i>pyrI</i>	20.0	20.0	20.0	20.0	19.9	19.8	20.1	20.1
<i>pyrL</i>	19.3	19.2	19.6	18.9	19.2	19.1	19.0	19.2
<i>qmcA</i>	15.0	15.0	14.8	14.6	15.0	15.4	15.1	15.1
<i>qor</i>	15.7	15.8	15.3	15.3	15.9	16.1	15.5	15.9
<i>qseB</i>	14.0	14.0	13.7	13.7	13.8	14.0	13.7	13.7
<i>qseC</i>	13.6	13.6	13.4	13.4	13.4	13.5	13.3	13.4
<i>qseD</i>	14.4	14.3	14.0	13.8	14.5	14.6	14.6	14.7
<i>queA</i>	15.0	14.9	14.7	14.4	14.5	14.6	14.4	14.7
<i>queC</i>	15.2	15.2	15.0	15.0	15.0	15.2	14.9	15.0
<i>queD</i>	14.9	14.7	14.5	13.8	14.2	14.5	14.0	14.5
<i>queF</i>	15.5	15.4	15.2	15.2	15.2	15.4	15.1	15.3
<i>racC</i>	12.8	13.0	12.7	13.3	13.0	13.2	12.7	12.7
<i>racR</i>	16.6	16.6	16.0	16.2	16.8	17.0	15.9	16.3
<i>radA</i>	14.7	14.6	14.6	14.4	14.8	14.5	14.6	14.6
<i>raiA</i>	18.3	18.0	18.0	18.1	17.6	18.2	17.3	17.2
<i>rarA</i>	14.7	14.8	14.6	14.4	14.7	15.1	14.8	14.9
<i>rarD</i>	14.1	13.9	13.8	13.9	13.0	13.0	13.0	12.9
<i>ravA</i>	14.9	14.9	14.5	14.5	15.7	16.0	15.9	16.1
<i>rbbA</i>	15.2	14.9	15.1	15.0	14.5	14.8	14.7	14.7
<i>rbfA</i>	16.3	16.1	16.1	16.2	16.0	16.2	16.2	16.1
<i>rbn</i>	14.6	14.5	14.3	14.1	14.1	14.6	14.3	14.4
<i>rbsA</i>	14.4	14.8	14.6	14.0	14.0	14.5	14.0	14.1
<i>rbsB</i>	16.8	16.8	16.7	16.6	16.2	16.5	15.7	16.2
<i>rbsC</i>	15.4	15.5	15.6	15.0	14.7	15.1	14.5	14.6
<i>rbsD</i>	17.6	17.6	17.7	17.0	17.1	17.4	16.7	16.7
<i>rbsK</i>	15.3	15.3	15.4	15.2	15.1	15.3	15.0	15.1
<i>rbsR</i>	13.6	13.5	13.4	13.5	13.2	13.4	13.2	13.3
<i>rcnA</i>	14.7	15.7	15.5	14.5	13.0	15.6	16.6	13.1
<i>rcnR</i>	15.4	15.5	15.3	14.6	14.0	15.3	15.2	14.0
<i>rcaA</i>	13.7	13.6	13.2	13.3	13.0	13.1	12.8	12.9
<i>rcaB</i>	18.2	18.1	17.6	18.0	17.9	18.2	17.8	18.1
<i>rcaC</i>	14.5	14.6	14.1	14.1	14.3	14.7	14.1	14.4
<i>rcaD</i>	16.0	16.1	15.6	15.9	16.0	16.2	15.7	15.8
<i>rcaF</i>	17.1	17.2	17.0	16.6	16.9	17.6	17.1	17.2
<i>rdgB</i>	15.8	15.5	15.7	15.6	15.2	15.4	15.4	15.4
<i>rdgC</i>	15.9	15.9	15.5	15.6	15.3	15.7	15.2	15.5
<i>rdlA</i>	15.9	15.6	15.9	16.1	15.8	15.9	15.6	15.4
<i>rdlB</i>	15.6	15.4	15.9	15.5	15.7	15.4	15.5	14.7
<i>rdlC</i>	15.3	15.0	15.7	15.5	15.6	15.3	15.4	14.7
<i>rdlD</i>	14.2	14.6	14.4	13.7	14.4	14.4	13.8	13.7
<i>rdoA</i>	16.1	15.8	15.6	15.8	15.8	15.9	15.5	15.8
<i>recA</i>	16.8	17.1	17.2	16.9	16.9	16.8	16.8	16.7
<i>recB</i>	14.4	14.3	14.1	14.2	14.2	14.3	14.1	14.3
<i>recC</i>	14.3	14.3	14.1	14.0	14.2	14.3	14.2	14.2
<i>recD</i>	14.1	14.1	13.8	13.8	13.9	14.1	13.9	14.1
<i>recE</i>	13.0	13.0	12.8	14.4	13.1	13.2	13.0	12.8
<i>recF</i>	14.8	14.5	14.5	14.4	14.6	14.5	14.4	14.3

<i>recG</i>	14.5	14.5	14.5	14.2	14.3	14.5	14.5	14.4
<i>recJ</i>	14.9	14.8	14.8	14.8	14.8	14.8	14.9	15.0
<i>recN</i>	14.6	15.6	15.4	14.3	13.9	14.4	14.2	14.2
<i>recO</i>	15.3	15.2	14.8	14.9	15.3	15.4	15.0	15.3
<i>recQ</i>	14.9	14.9	14.7	14.6	14.6	14.8	14.7	14.9
<i>recR</i>	16.1	16.1	16.3	15.9	16.1	15.9	16.1	16.0
<i>recT</i>	13.4	13.4	13.2	13.2	13.2	13.7	13.3	13.2
<i>recX</i>	13.3	13.7	13.2	13.1	13.0	13.4	13.2	13.2
<i>relA</i>	15.7	15.7	15.5	15.8	15.8	15.8	15.7	15.8
<i>relB</i>	16.2	16.3	15.8	15.9	16.1	16.4	15.9	16.1
<i>relE</i>	16.3	16.2	16.0	15.9	16.4	16.5	16.1	16.2
<i>rem</i>	13.6	13.5	13.3	13.5	13.3	13.9	13.3	13.5
<i>renD</i>	14.8	14.8	14.4	14.6	15.1	15.1	14.4	14.6
<i>rep</i>	14.6	14.5	14.4	14.4	14.5	14.5	14.3	14.5
<i>rfaD</i>	17.5	17.4	17.2	17.3	17.2	17.6	17.3	17.4
<i>rfaE</i>	16.0	16.0	16.0	15.9	16.0	16.0	16.0	16.0
<i>rfaH</i>	15.0	14.9	14.6	14.5	14.5	14.9	14.4	14.6
<i>rfaL</i>	15.5	15.2	15.0	15.5	15.0	14.8	14.5	14.8
<i>rfaS</i>	14.2	13.9	13.9	14.0	14.2	13.9	13.5	13.5
<i>rfaZ</i>	14.3	14.2	14.0	14.2	13.9	14.1	13.7	13.9
<i>rfbA</i>	17.5	17.3	16.8	17.6	17.4	17.4	17.0	17.1
<i>rfbB</i>	17.5	17.0	16.9	17.7	17.2	17.0	16.9	17.0
<i>rfbC</i>	17.2	17.1	16.5	17.5	16.8	16.9	16.5	16.8
<i>rfbD</i>	17.4	16.8	16.9	17.4	17.1	17.0	16.9	16.9
<i>rfbX</i>	16.6	16.3	16.0	16.6	16.2	16.4	16.0	16.2
<i>rfc</i>	16.0	15.9	15.5	16.0	15.6	15.6	15.3	15.4
<i>rfe</i>	16.0	15.9	15.7	15.9	16.1	16.1	16.1	16.4
<i>rffA</i>	14.9	14.8	14.7	14.6	14.8	14.9	14.9	15.0
<i>rffC</i>	14.7	14.6	14.4	14.1	14.5	14.6	14.5	14.6
<i>rffD</i>	15.3	15.2	15.0	15.3	15.2	15.1	15.1	15.2
<i>rffE</i>	15.4	15.3	15.1	15.2	15.4	15.2	15.1	15.2
<i>rffG</i>	15.4	15.3	15.1	15.3	15.2	15.3	15.2	15.4
<i>rffH</i>	14.8	14.6	14.7	14.6	14.8	14.6	14.7	14.7
<i>rffM</i>	14.5	14.3	14.0	14.2	14.1	14.2	13.8	13.9
<i>rffT</i>	14.3	14.2	14.0	13.9	14.1	14.2	14.1	14.3
<i>rhaA</i>	12.9	12.9	12.7	13.2	13.1	12.9	13.1	12.7
<i>rhaB</i>	12.7	12.7	12.6	13.0	12.7	12.7	12.7	12.6
<i>rhaD</i>	12.9	12.9	12.8	12.9	12.8	12.8	12.8	12.7
<i>rhaM</i>	12.9	12.9	12.8	13.0	13.0	12.9	12.9	12.7
<i>rhaR</i>	12.7	12.7	12.7	13.0	12.8	12.8	12.7	12.7
<i>rhaS</i>	13.0	13.0	12.9	12.9	13.3	12.9	12.9	12.9
<i>rhaT</i>	13.1	13.1	13.0	13.2	13.1	13.0	13.0	12.8
<i>rhlB</i>	17.1	17.0	16.9	16.8	16.9	17.1	16.9	16.8
<i>rhlE</i>	14.3	14.0	14.0	14.5	14.1	14.2	14.2	14.2
<i>rho</i>	17.9	17.8	17.9	17.9	18.0	17.9	18.1	18.1
<i>rhoL</i>	19.2	19.1	19.1	18.8	19.3	19.2	19.1	19.2
<i>rhsA</i>	13.2	13.1	13.1	13.3	13.4	13.1	13.4	13.0
<i>rhsB</i>	13.1	13.0	13.1	13.2	13.4	13.1	13.4	12.9
<i>rhsC</i>	13.1	13.1	13.1	13.4	13.4	13.2	13.5	13.0
<i>rhsD</i>	13.0	13.0	12.9	13.2	13.3	13.2	13.3	12.9
<i>rhsE</i>	13.3	13.0	12.9	13.1	13.2	12.9	13.2	12.8
<i>rhtA</i>	13.4	13.3	13.3	13.1	13.2	13.3	13.3	13.1
<i>rhtB</i>	15.1	15.3	14.8	14.9	15.2	15.5	15.4	15.6
<i>rhtC</i>	15.1	15.2	15.0	14.6	15.4	15.7	15.6	15.7
<i>ribA</i>	15.9	15.9	15.7	15.6	15.7	15.9	15.5	15.7
<i>ribB</i>	16.1	16.2	16.2	15.9	17.1	17.2	17.5	17.2
<i>ribC</i>	16.1	16.1	15.9	15.9	16.6	16.6	16.3	16.4
<i>ribD</i>	15.8	15.8	15.8	15.7	15.8	15.9	15.8	15.8
<i>ribE</i>	17.5	17.4	17.5	17.6	17.5	17.3	17.5	17.4
<i>ribF</i>	16.7	16.6	16.5	16.4	17.0	17.0	16.8	16.8
<i>rihA</i>	15.1	14.7	15.1	14.8	14.3	14.5	14.4	14.3

<i>rihB</i>	12.8	12.7	12.6	13.1	12.8	12.8	12.8	12.6
<i>rihC</i>	13.9	13.7	14.0	14.5	13.4	13.6	13.6	13.4
<i>rimI</i>	16.2	16.0	15.7	16.0	15.8	15.9	15.7	16.1
<i>rimJ</i>	16.7	16.7	16.3	16.6	16.7	16.9	16.5	16.6
<i>rimK</i>	14.8	14.9	14.8	14.5	14.6	14.5	14.4	14.4
<i>rimL</i>	15.1	15.1	14.5	14.7	14.8	15.2	14.6	14.9
<i>rimM</i>	19.3	19.2	19.2	19.3	19.5	19.2	19.4	19.3
<i>rimN</i>	16.1	15.9	15.7	16.0	15.5	15.8	15.5	15.7
<i>rimO</i>	15.6	15.3	15.5	15.3	15.0	14.9	14.9	15.0
<i>rimP</i>	17.8	17.6	17.4	17.7	17.8	17.6	17.6	17.6
<i>rlmB</i>	14.7	14.7	14.4	14.8	14.3	14.6	14.3	14.4
<i>rlmC</i>	14.3	14.2	14.1	13.7	14.0	14.2	13.9	14.1
<i>rlmD</i>	15.6	15.6	15.1	15.6	15.4	15.5	15.1	15.2
<i>rlmE</i>	16.8	16.8	16.8	16.5	17.2	17.0	16.9	17.0
<i>rlmF</i>	14.8	15.0	15.1	14.6	15.2	15.3	15.2	15.0
<i>rlmG</i>	14.2	13.9	13.9	13.7	13.8	13.9	13.8	13.9
<i>rlmH</i>	15.6	15.6	15.7	15.4	15.8	15.5	15.6	15.5
<i>rlmI</i>	15.9	15.8	15.6	15.6	15.7	15.9	15.6	15.8
<i>rlmL</i>	15.3	15.2	15.2	15.2	15.1	15.1	15.1	15.1
<i>rlmM</i>	15.6	15.5	15.2	15.5	15.4	15.7	15.4	15.6
<i>rlmN</i>	15.5	15.4	15.2	15.4	14.8	15.0	14.8	14.9
<i>rlpA</i>	16.2	16.2	16.2	16.1	16.2	16.2	16.3	16.1
<i>rluA</i>	14.3	14.1	14.1	13.7	14.0	13.9	13.8	14.0
<i>rluB</i>	16.4	15.9	15.9	16.1	16.4	16.0	16.0	16.4
<i>rluC</i>	15.5	15.5	15.3	15.3	15.2	15.2	14.8	15.1
<i>rluD</i>	16.0	16.0	15.8	15.8	15.6	15.9	15.7	15.9
<i>rluE</i>	15.3	15.3	14.8	14.9	15.0	15.4	14.9	15.1
<i>rluF</i>	15.0	15.1	14.7	14.6	15.1	15.3	14.8	15.0
<i>rmf</i>	18.2	18.8	18.4	17.9	19.1	18.6	17.9	18.3
<i>rmuC</i>	13.9	13.9	13.8	13.8	13.6	13.9	13.7	13.7
<i>rna</i>	15.3	15.4	15.2	14.8	15.1	15.4	15.1	15.2
<i>rnb</i>	17.6	17.5	17.4	17.6	17.2	17.5	17.4	17.5
<i>rnc</i>	17.0	16.8	16.5	16.6	16.7	17.0	16.7	16.9
<i>rnd</i>	14.6	14.6	14.3	14.3	14.3	14.5	14.3	14.4
<i>rne</i>	17.2	17.0	16.9	17.1	16.9	17.0	16.9	16.9
<i>rng</i>	15.8	15.7	15.4	15.5	15.8	15.8	15.4	15.6
<i>rnhA</i>	14.9	14.9	14.6	14.5	14.8	14.8	14.6	14.6
<i>rnhB</i>	15.1	15.0	14.9	14.7	14.8	15.0	14.7	14.8
<i>rnk</i>	14.9	14.9	15.1	14.7	14.3	14.9	14.9	14.4
<i>rnlA</i>	15.9	15.7	15.5	15.6	17.2	17.0	16.8	16.8
<i>rnlB</i>	14.9	14.8	14.7	14.3	15.5	15.7	15.6	15.7
<i>rnpA</i>	17.6	17.6	17.7	17.4	17.5	17.5	17.7	17.6
<i>rnpB</i>	18.6	18.7	19.4	18.5	19.4	18.3	19.1	18.6
<i>rnr</i>	16.0	16.0	15.9	15.9	15.8	16.0	15.8	15.9
<i>rnt</i>	15.0	15.0	14.8	14.8	14.8	15.1	14.9	15.1
<i>rob</i>	17.0	17.1	16.8	16.5	16.9	17.2	17.0	17.1
<i>rodZ</i>	16.7	16.7	16.5	16.5	16.6	16.8	16.7	16.7
<i>rof</i>	15.9	15.9	15.4	16.1	15.5	16.2	15.5	16.3
<i>rpe</i>	17.2	17.0	16.9	17.0	17.0	17.1	17.0	17.1
<i>rph</i>	15.5	15.3	15.2	15.1	15.1	14.9	14.7	15.0
<i>rpiA</i>	17.5	17.4	17.2	17.1	17.3	17.3	16.9	17.4
<i>rpiB</i>	14.3	14.1	13.9	14.3	14.2	14.5	14.0	14.1
<i>rpiR</i>	15.0	14.8	14.5	14.5	14.7	14.9	14.5	14.6
<i>rplA</i>	19.6	19.4	19.5	19.7	19.6	19.4	19.5	19.4
<i>rplB</i>	19.6	19.4	19.8	19.7	19.6	19.4	19.7	19.6
<i>rplC</i>	19.7	19.6	20.0	19.8	19.9	19.4	19.7	19.7
<i>rplD</i>	19.6	19.5	19.9	19.8	19.7	19.3	19.6	19.6
<i>rplE</i>	20.2	20.1	20.4	20.2	20.2	20.0	20.2	20.2
<i>rplF</i>	19.6	19.4	19.9	19.8	19.8	19.3	19.7	19.7
<i>rplI</i>	18.6	18.4	18.3	18.7	17.9	18.0	18.0	18.4
<i>rplJ</i>	19.8	19.7	19.9	19.8	19.7	19.6	19.8	19.8

<i>rplK</i>	19.7	19.5	19.9	19.7	19.8	19.6	19.7	19.6
<i>rplL</i>	20.3	20.1	20.0	20.3	20.0	20.2	20.0	20.2
<i>rplM</i>	19.6	19.5	19.8	19.6	19.7	19.3	19.6	19.5
<i>rplN</i>	20.1	20.0	20.2	20.0	20.2	19.9	20.1	20.1
<i>rplO</i>	19.5	19.5	19.9	19.6	19.7	19.3	19.7	19.6
<i>rplP</i>	19.7	19.6	20.0	19.8	19.8	19.6	19.8	19.8
<i>rplQ</i>	19.4	19.2	19.2	19.5	19.0	19.2	19.1	19.3
<i>rplR</i>	19.5	19.4	19.9	19.5	19.6	19.3	19.6	19.5
<i>rplS</i>	19.0	18.9	19.1	19.1	19.0	19.0	18.8	19.0
<i>rplT</i>	18.7	18.6	18.4	18.9	18.5	18.8	18.7	18.9
<i>rplU</i>	19.9	19.9	20.0	19.7	19.9	19.7	19.7	19.9
<i>rplV</i>	20.2	20.0	20.0	20.2	20.0	19.9	19.9	20.1
<i>rplW</i>	20.0	19.9	20.1	20.1	20.0	19.8	20.0	20.0
<i>rplX</i>	20.1	20.1	20.4	20.1	20.2	20.1	20.2	20.2
<i>rplY</i>	19.6	19.3	19.3	19.2	19.3	19.4	18.9	19.1
<i>rpmA</i>	18.9	18.8	18.8	18.7	18.6	18.5	18.4	18.7
<i>rpmB</i>	19.6	19.5	19.6	19.4	19.6	19.4	19.5	19.5
<i>rpmC</i>	19.8	19.8	20.0	19.9	19.8	19.4	19.4	19.9
<i>rpmD</i>	20.0	19.7	20.3	20.0	20.1	19.7	20.1	19.9
<i>rpmE</i>	19.3	19.1	19.2	18.7	18.9	19.0	18.6	18.9
<i>rpmF</i>	19.3	19.3	19.6	19.0	19.2	19.2	19.2	19.2
<i>rpmG</i>	20.1	19.9	20.0	19.9	19.6	19.9	19.7	19.6
<i>rpmH</i>	19.6	19.3	19.2	19.1	19.1	19.2	18.9	19.3
<i>rpmI</i>	19.9	19.7	19.7	19.8	19.8	19.8	19.9	20.0
<i>rpmJ</i>	20.7	20.6	20.6	20.6	20.6	20.6	20.5	20.7
<i>rpoA</i>	19.7	19.6	20.0	19.7	19.8	19.6	19.8	19.6
<i>rpoB</i>	18.4	18.4	18.4	18.7	18.5	18.5	18.6	18.5
<i>rpoC</i>	17.9	17.8	17.9	18.1	18.0	17.9	18.2	18.1
<i>rpoD</i>	17.2	17.2	17.1	17.3	16.9	17.4	17.3	17.2
<i>rpoE</i>	17.1	17.4	17.1	16.9	18.1	17.5	17.6	17.8
<i>rpoH</i>	16.3	16.4	16.1	16.2	16.2	16.3	16.2	16.4
<i>rpoN</i>	16.7	16.7	16.4	16.6	16.8	16.9	16.7	16.7
<i>rpoS</i>	18.6	18.7	18.5	18.7	18.4	18.6	18.3	18.3
<i>rpoZ</i>	17.9	17.9	17.9	17.9	17.8	17.9	17.8	17.9
<i>rppH</i>	17.4	17.4	16.9	17.4	17.4	17.5	17.0	17.2
<i>rprA</i>	13.5	13.7	13.2	13.0	13.1	13.3	12.9	13.2
<i>rpsA</i>	19.4	19.2	19.5	19.5	19.4	19.1	19.3	19.3
<i>rpsB</i>	19.2	19.0	19.2	19.3	19.2	19.0	19.2	19.1
<i>rpsC</i>	19.6	19.6	19.8	19.8	19.6	19.4	19.6	19.6
<i>rpsD</i>	19.9	19.8	20.1	19.9	20.0	19.9	20.0	19.9
<i>rpsE</i>	19.8	19.7	20.0	19.9	19.9	19.6	19.8	19.8
<i>rpsF</i>	19.3	19.2	19.6	19.4	19.3	19.0	19.3	19.2
<i>rpsG</i>	20.0	19.8	20.0	19.9	20.0	19.8	20.0	19.9
<i>rpsH</i>	20.1	19.9	20.3	20.1	20.0	19.9	20.0	20.1
<i>rpsI</i>	19.3	19.2	19.2	19.3	18.9	19.0	19.1	19.1
<i>rpsJ</i>	20.0	19.9	20.2	20.0	20.1	19.8	20.0	20.1
<i>rpsK</i>	19.8	19.7	20.0	19.9	19.9	19.5	19.9	19.8
<i>rpsL</i>	19.8	19.8	20.3	19.7	20.0	19.7	20.0	19.7
<i>rpsM</i>	19.9	19.8	20.0	19.9	20.0	19.7	19.8	19.9
<i>rpsN</i>	20.1	20.0	20.1	20.2	20.1	19.9	20.0	20.1
<i>rpsO</i>	19.0	18.9	19.0	18.6	18.8	18.7	18.5	19.0
<i>rpsP</i>	19.7	19.5	19.5	19.5	19.5	19.6	19.4	19.6
<i>rpsQ</i>	19.5	19.2	19.5	19.5	19.3	19.3	19.0	19.2
<i>rpsR</i>	20.1	19.9	19.8	20.1	19.6	19.8	19.8	19.9
<i>rpsS</i>	20.3	20.0	20.3	20.2	20.2	20.1	20.1	20.2
<i>rpsT</i>	19.3	19.2	19.0	18.8	18.8	19.2	18.4	18.9
<i>rpsU</i>	19.4	19.4	19.8	19.0	19.5	19.6	19.3	19.6
<i>rraA</i>	16.9	17.0	17.0	16.5	17.5	17.6	17.6	17.6
<i>rraB</i>	17.7	17.8	17.5	17.5	17.9	17.5	17.4	17.7
<i>rrfA</i>	19.6	19.7	19.6	19.5	19.5	19.4	18.9	19.1
<i>rrfB</i>	19.6	19.5	19.8	19.9	19.6	19.4	18.8	19.3

<i>rrfC</i>	19.9	19.9	20.0	19.8	19.7	19.7	19.2	19.6
<i>rrfD</i>	19.8	19.8	20.0	19.7	19.8	19.6	19.3	19.7
<i>rrfE</i>	20.0	20.0	20.0	19.8	19.6	19.7	19.0	19.6
<i>rrfF</i>	19.5	19.6	20.0	19.6	19.5	19.5	19.1	19.3
<i>rrfG</i>	19.2	19.6	19.9	19.7	19.5	19.3	19.0	19.4
<i>rrfH</i>	20.0	20.1	19.9	20.1	19.9	20.0	19.2	19.9
<i>rrlA</i>	21.0	21.0	20.9	21.0	21.0	21.0	21.0	21.0
<i>rrlB</i>	20.9	21.0	20.9	21.0	21.0	21.0	20.9	21.0
<i>rrlC</i>	21.0	21.0	20.9	21.0	21.0	21.0	20.9	21.0
<i>rrlD</i>	21.0	21.0	20.9	21.1	21.0	21.0	21.0	21.0
<i>rrlE</i>	21.0	21.0	20.9	21.0	21.0	21.0	21.0	21.0
<i>rrlG</i>	21.0	21.0	20.9	21.0	21.0	21.0	21.0	21.0
<i>rrlH</i>	21.0	21.0	20.9	21.0	21.0	21.0	20.9	21.0
<i>rrmA</i>	14.8	14.8	14.3	14.2	14.3	14.6	14.2	14.4
<i>rrsA</i>	21.0	21.0	20.9	21.0	21.0	21.0	20.9	21.0
<i>rrsB</i>	21.0	21.0	20.9	21.0	21.0	21.0	21.0	21.0
<i>rrsC</i>	20.9	21.0	20.9	21.0	21.0	20.9	21.0	21.0
<i>rrsD</i>	20.9	20.9	21.0	21.0	20.9	20.9	20.9	20.9
<i>rrsE</i>	20.9	21.0	20.9	21.0	21.0	21.0	21.0	21.0
<i>rrsG</i>	20.9	20.9	20.9	20.9	21.0	20.9	21.0	20.9
<i>rrsH</i>	21.0	21.0	20.9	21.0	21.0	21.0	21.0	21.0
<i>rsd</i>	16.8	16.7	16.4	16.5	14.8	15.7	14.8	15.3
<i>rseA</i>	17.8	18.2	17.8	17.8	18.5	18.0	18.3	18.5
<i>rseB</i>	16.4	16.7	16.0	16.4	16.4	16.5	16.4	16.8
<i>rseC</i>	15.0	15.1	15.0	14.6	15.3	15.1	15.2	15.5
<i>rseP</i>	16.8	16.8	16.5	16.7	16.9	16.9	16.6	16.8
<i>rseX</i>	13.0	13.1	13.0	14.0	13.1	13.2	12.9	13.1
<i>rsgA</i>	16.0	15.9	15.9	15.6	16.2	16.4	16.2	16.1
<i>rsmA</i>	16.7	16.7	16.2	16.4	16.5	16.8	16.4	16.6
<i>rsmB</i>	15.6	15.4	15.0	15.3	15.3	15.5	15.2	15.6
<i>rsmC</i>	15.2	15.1	14.9	14.6	14.8	15.0	14.7	15.0
<i>rsmD</i>	15.5	15.5	15.1	15.2	15.3	15.5	15.1	15.2
<i>rsmE</i>	16.2	15.9	16.0	16.1	15.9	16.1	15.9	15.9
<i>rsmF</i>	14.6	14.5	14.2	14.0	14.2	14.6	14.2	14.3
<i>rsmG</i>	15.0	14.8	14.6	14.7	14.6	14.8	14.5	14.7
<i>rsmH</i>	16.2	16.1	16.0	15.8	16.2	16.3	16.0	16.1
<i>rsmI</i>	15.0	15.0	14.8	14.7	14.8	15.1	14.8	14.9
<i>rspA</i>	13.0	13.0	12.9	13.1	12.9	12.9	12.8	12.6
<i>rspB</i>	12.9	12.9	12.7	13.1	12.9	12.8	12.7	12.6
<i>rssA</i>	15.8	15.6	15.2	15.5	15.9	15.9	15.5	15.7
<i>rssB</i>	15.3	15.3	15.0	15.2	15.4	15.3	15.1	15.5
<i>rstA</i>	15.7	15.7	15.4	15.2	16.1	16.6	16.4	16.2
<i>rstB</i>	14.3	14.4	14.1	13.9	14.6	15.0	14.8	15.0
<i>rsuA</i>	16.4	16.4	16.1	16.3	16.4	16.5	16.4	16.5
<i>rsxA</i>	15.1	15.1	14.9	14.5	14.2	14.5	14.2	14.5
<i>rsxB</i>	15.1	15.1	14.9	14.5	14.4	14.6	14.3	14.3
<i>rsxC</i>	15.6	15.7	15.2	15.6	14.5	14.9	14.5	14.9
<i>rsxD</i>	15.0	15.0	14.8	14.5	14.2	14.3	14.1	14.3
<i>rsxE</i>	14.9	14.9	14.5	14.4	14.0	14.2	14.0	14.2
<i>rsxG</i>	14.8	14.8	14.5	14.6	14.2	14.2	14.1	14.3
<i>rtcA</i>	13.5	13.5	13.3	13.5	13.5	13.5	13.4	13.4
<i>rtcB</i>	13.8	13.7	13.4	13.6	13.6	13.6	13.4	13.5
<i>rtcR</i>	12.9	12.9	12.9	13.0	12.9	13.1	13.0	12.9
<i>rtn</i>	14.1	14.1	13.8	13.7	13.8	14.2	13.8	13.8
<i>rttR</i>	14.3	14.2	14.2	13.9	14.0	14.0	13.7	13.6
<i>rusA</i>	13.1	13.3	12.9	13.2	13.6	13.2	13.1	12.7
<i>rutA</i>	12.8	12.9	12.7	12.9	12.8	12.6	12.7	12.5
<i>rutB</i>	12.8	12.7	12.7	13.1	12.8	12.7	12.8	12.5
<i>rutC</i>	13.0	13.0	12.9	13.1	13.1	13.0	13.1	12.9
<i>rutD</i>	12.8	12.9	12.8	13.2	12.8	12.9	12.9	12.6
<i>rutE</i>	12.8	12.9	12.8	13.4	13.0	12.8	12.9	12.6

<i>rutF</i>	12.9	12.9	12.8	13.1	13.1	12.9	13.0	12.7
<i>rutG</i>	13.0	13.0	13.0	13.3	13.3	13.1	13.2	13.1
<i>rutR</i>	14.3	14.2	13.8	13.9	13.7	14.0	13.6	13.9
<i>ruvA</i>	15.5	15.7	15.6	15.3	15.4	15.9	15.5	15.5
<i>ruvB</i>	15.2	15.3	15.1	14.9	15.0	15.5	15.2	15.4
<i>ruvC</i>	15.7	15.7	15.6	15.6	16.0	15.9	16.0	16.1
<i>rybA/mtS</i>	15.4	14.8	13.9	14.4	14.7	13.8	13.2	15.1
<i>rybB</i>	15.7	15.9	14.9	14.4	14.8	16.0	14.1	15.1
<i>rydB</i>	16.3	16.5	15.9	16.0	17.5	18.0	17.5	17.6
<i>rydC</i>	13.2	13.3	13.1	13.2	13.2	13.5	13.1	13.3
<i>ryeA</i>	16.5	16.3	16.1	15.7	14.4	15.9	14.2	14.9
<i>ryeB</i>	14.2	13.9	13.6	13.1	13.6	14.4	13.4	13.8
<i>ryfA</i>	15.0	15.1	14.6	14.4	15.0	15.5	15.0	15.6
<i>ryfB</i>	14.6	14.7	14.6	13.9	14.5	14.9	13.9	14.3
<i>ryfD</i>	19.3	19.0	18.9	18.7	19.2	18.9	18.4	19.4
<i>ryhB</i>	14.9	19.1	14.1	14.3	13.5	18.9	13.8	13.9
<i>ryjA</i>	14.6	14.7	14.6	14.3	14.9	14.8	14.0	13.9
<i>ryjB</i>	14.9	14.8	15.4	14.2	15.1	15.4	15.0	14.9
<i>rzoD</i>	13.8	13.7	13.4	13.3	13.6	13.9	13.7	13.8
<i>rzoR</i>	13.5	13.6	13.2	13.5	13.4	13.7	13.6	13.6
<i>rzpD</i>	13.4	13.3	13.1	13.4	13.3	13.6	13.4	13.4
<i>rzpQ</i>	13.6	13.6	13.2	13.2	13.4	13.6	13.4	13.5
<i>rzpR</i>	13.4	13.5	13.2	13.5	13.5	13.6	13.4	13.5
<i>sad</i>	14.5	14.5	14.3	14.3	14.5	14.5	14.3	14.3
<i>safA</i>	12.9	13.1	12.8	14.0	12.8	13.0	12.7	13.0
<i>sanA</i>	14.4	14.3	14.1	13.5	14.2	14.5	14.0	14.5
<i>sapA</i>	14.9	14.7	14.7	14.4	14.7	14.9	14.9	14.9
<i>sapB</i>	14.4	14.3	14.1	13.8	14.1	14.4	14.3	14.6
<i>sapC</i>	14.0	13.8	13.9	13.9	13.9	13.9	14.0	14.1
<i>sapD</i>	14.9	14.8	14.7	14.8	14.9	14.9	14.8	15.1
<i>sapF</i>	14.7	14.6	14.3	14.3	14.6	14.7	14.5	14.7
<i>sbcB</i>	15.1	15.1	14.9	14.9	14.7	15.4	14.9	15.0
<i>sbcC</i>	14.2	14.3	13.9	14.1	13.7	14.2	13.8	13.8
<i>sbcD</i>	14.5	14.5	14.3	14.4	14.2	14.7	14.4	14.5
<i>sbmA</i>	13.8	13.9	13.7	13.3	13.7	14.0	13.8	13.7
<i>sbmC</i>	15.2	15.2	15.0	15.0	16.0	16.1	15.5	15.6
<i>sbp</i>	15.6	15.5	15.3	15.7	15.1	14.9	14.6	14.8
<i>scpA</i>	12.7	12.7	12.6	12.9	12.8	12.8	12.7	12.7
<i>scpB</i>	13.2	13.1	13.0	13.4	13.1	13.3	13.1	13.0
<i>scpC</i>	12.8	12.9	12.7	13.0	12.8	12.9	12.8	12.8
<i>sdaA</i>	14.2	14.2	14.1	13.9	14.2	14.5	14.3	14.6
<i>sdaB</i>	14.0	13.7	13.8	13.8	13.9	13.7	14.0	14.1
<i>sdaC</i>	14.7	14.3	14.4	14.4	14.8	14.7	15.0	15.2
<i>sdhA</i>	18.0	16.1	18.5	18.1	13.4	13.1	13.5	14.1
<i>sdhB</i>	18.3	16.4	18.4	18.3	13.6	13.6	13.6	14.4
<i>sdhC</i>	18.5	16.6	18.8	18.4	13.2	13.1	13.3	14.1
<i>sdhD</i>	18.9	17.0	19.0	18.8	13.5	13.5	13.8	14.6
<i>sdiA</i>	14.7	14.4	14.0	14.9	14.3	14.7	14.2	14.3
<i>sdsP</i>	12.7	12.8	12.6	12.9	12.8	12.8	12.7	12.6
<i>sdsQ</i>	12.6	12.6	12.5	12.8	12.7	12.6	12.6	12.5
<i>sdsR</i>	12.7	12.8	12.6	12.9	12.8	12.7	12.7	12.5
<i>secA</i>	16.3	16.4	16.3	16.3	16.3	16.3	16.4	16.4
<i>secB</i>	18.3	18.3	18.0	18.3	18.0	18.2	18.1	18.2
<i>secD</i>	16.5	16.3	16.4	16.6	16.6	16.5	16.6	16.6
<i>secE</i>	18.0	17.9	18.0	17.7	18.2	17.9	18.2	18.2
<i>secF</i>	15.9	15.8	15.8	16.0	16.0	15.9	16.0	16.2
<i>secG</i>	18.4	18.2	17.9	18.1	18.4	18.3	17.9	18.6
<i>secM</i>	16.9	17.0	17.0	16.6	17.1	17.3	17.1	16.9
<i>secY</i>	19.7	19.5	19.8	19.8	19.8	19.5	19.7	19.7
<i>selA</i>	15.2	15.1	15.1	15.1	15.4	15.3	15.4	15.3
<i>selB</i>	15.1	15.1	15.1	15.0	15.3	15.1	15.4	15.4

<i>selC</i>	14.7	15.0	14.6	13.5	14.2	14.9	14.3	14.3
<i>selD</i>	16.8	16.7	16.6	16.7	16.6	16.6	16.5	16.5
<i>seqA</i>	17.7	17.7	17.2	17.8	17.5	17.9	17.4	17.6
<i>serA</i>	19.5	19.6	19.7	19.5	19.8	19.6	19.9	19.8
<i>serB</i>	15.3	15.2	15.2	15.0	15.1	14.9	15.0	14.9
<i>serC</i>	18.9	19.0	18.8	19.1	19.3	19.0	19.0	19.3
<i>serS</i>	17.5	17.5	17.2	17.5	18.2	18.1	18.2	18.3
<i>serT</i>	15.7	15.8	15.3	14.9	15.4	15.9	14.1	14.7
<i>serU</i>	14.6	14.5	14.6	14.3	14.6	14.5	14.0	14.0
<i>serV</i>	17.7	17.8	18.4	17.9	19.1	17.8	18.1	17.7
<i>serW</i>	17.2	16.9	17.2	16.4	17.3	17.4	15.7	16.6
<i>serX</i>	16.2	16.2	16.8	15.6	16.9	16.5	15.5	15.6
<i>setA</i>	14.0	14.0	13.8	13.7	14.2	14.3	14.1	14.2
<i>setB</i>	13.0	12.9	12.8	13.1	13.3	13.2	13.1	13.0
<i>setC</i>	12.7	12.7	12.6	13.3	12.7	12.7	12.6	12.6
<i>sfmA</i>	12.9	12.9	12.7	13.2	12.8	12.9	12.7	12.8
<i>sfmC</i>	12.6	12.6	12.5	12.8	12.7	12.7	12.5	12.5
<i>sfmD</i>	12.7	12.7	12.6	13.0	12.8	12.8	12.7	12.6
<i>sfmF</i>	13.1	13.0	12.7	13.5	13.5	13.0	13.0	12.9
<i>sfmH</i>	12.7	12.7	12.6	12.8	12.8	12.8	12.7	12.9
<i>sfsA</i>	15.8	15.8	15.5	15.3	15.7	16.0	15.5	15.6
<i>sfsB</i>	13.7	13.6	13.4	13.4	13.5	13.6	13.6	13.5
<i>sgbE</i>	13.3	13.3	13.2	13.6	13.3	13.3	13.2	13.0
<i>sgbH</i>	13.0	12.9	12.9	13.1	13.0	12.9	13.0	12.8
<i>sgbU</i>	13.1	13.1	12.9	13.1	13.1	13.0	13.0	12.8
<i>sgcA</i>	13.7	13.7	13.4	13.4	13.3	13.6	13.5	13.3
<i>sgcB</i>	13.2	13.1	13.1	13.2	13.1	13.1	13.1	13.0
<i>sgcC</i>	12.8	12.9	12.8	12.9	12.9	12.9	12.9	12.7
<i>sgcE</i>	13.2	13.2	13.2	13.0	13.1	13.2	13.3	13.1
<i>sgcQ</i>	13.0	13.0	12.9	13.1	13.0	13.0	12.9	12.9
<i>sgcR</i>	13.2	13.2	13.1	13.1	13.4	13.3	13.2	13.1
<i>sgcX</i>	12.8	12.8	12.8	12.9	12.8	12.8	12.8	12.7
<i>sgrR</i>	14.2	14.1	14.0	13.8	14.0	14.3	14.2	14.2
<i>sgrS</i>	14.9	14.7	14.2	13.9	14.1	14.2	13.6	14.2
<i>sgrT</i>	15.6	15.3	14.7	14.4	14.6	14.6	14.0	14.7
<i>shiA</i>	15.3	17.1	15.0	15.1	15.0	17.0	15.1	15.2
<i>shoB</i>	14.0	13.9	13.5	14.1	13.9	13.9	13.4	13.6
<i>sibA</i>	14.3	14.5	14.6	13.6	14.3	15.2	13.9	13.9
<i>sibB</i>	13.7	14.0	13.8	13.2	14.0	14.2	13.6	13.7
<i>sibC</i>	14.9	15.2	14.4	14.0	14.6	15.3	13.8	14.6
<i>sibD</i>	18.4	18.3	17.3	17.2	18.5	18.5	16.9	18.3
<i>sibE</i>	16.3	16.3	16.2	15.1	16.6	17.1	15.8	15.6
<i>sieB</i>	13.3	13.4	13.0	13.1	13.2	13.5	12.9	13.3
<i>sirA</i>	15.7	15.6	15.4	15.0	15.5	15.7	15.3	15.7
<i>sixA</i>	16.1	16.2	15.9	15.6	16.1	16.3	16.0	16.2
<i>slmA</i>	16.5	16.4	16.4	16.4	15.8	16.2	15.9	15.9
<i>slp</i>	17.0	16.8	16.3	16.7	18.9	18.0	18.5	18.9
<i>slt</i>	14.8	14.8	14.7	14.5	14.5	14.6	14.4	14.6
<i>slyA</i>	17.0	17.1	16.3	16.7	16.7	17.1	16.3	17.0
<i>slyB</i>	18.1	18.2	18.0	17.9	18.7	18.3	18.6	18.8
<i>slyD</i>	17.7	17.8	17.9	17.8	18.0	17.5	17.9	17.7
<i>slyX</i>	15.3	15.2	15.0	14.5	14.8	15.2	14.6	14.9
<i>smf</i>	14.8	14.9	14.7	14.7	15.6	15.1	15.2	15.1
<i>smg</i>	17.3	17.3	16.7	17.2	17.7	17.8	17.4	17.5
<i>smpA</i>	16.7	16.8	16.9	16.5	16.8	16.8	16.7	16.8
<i>smpB</i>	17.3	17.4	16.9	17.1	17.0	17.4	16.9	16.9
<i>smtA</i>	16.0	16.0	15.7	15.8	15.9	16.0	15.7	15.8
<i>sodA</i>	18.8	18.9	19.6	18.7	13.3	15.6	15.3	14.3
<i>sodB</i>	19.3	15.1	19.2	19.3	19.1	16.3	19.2	19.2
<i>sodC</i>	15.2	15.3	15.0	14.8	14.9	15.1	14.7	14.9
<i>sohA</i>	15.7	15.8	15.1	14.8	15.9	16.0	15.3	15.7

<i>sohB</i>	16.5	16.5	16.1	16.3	16.4	16.6	16.1	16.4
<i>sokA</i>	14.3	14.2	14.1	14.1	14.3	14.2	14.0	14.1
<i>sokB</i>	13.7	13.7	13.6	14.4	13.6	14.0	13.4	13.4
<i>sokC</i>	14.7	14.6	14.5	14.1	14.4	14.6	14.2	14.3
<i>solA</i>	16.3	16.2	16.2	16.2	15.8	16.2	16.0	15.9
<i>soxR</i>	13.6	13.7	13.3	13.5	13.5	13.6	13.4	13.3
<i>soxS</i>	16.6	17.6	16.8	16.5	14.1	15.3	14.4	14.6
<i>speA</i>	16.7	16.9	16.6	16.8	16.2	16.5	16.2	16.3
<i>speB</i>	15.7	15.7	15.5	15.4	15.2	15.3	15.2	15.1
<i>speC</i>	14.8	15.0	14.7	14.6	14.5	15.0	14.5	14.6
<i>speD</i>	18.1	18.0	17.8	18.0	17.4	18.2	17.4	17.5
<i>speE</i>	18.0	18.0	17.7	18.1	17.4	17.9	17.3	17.3
<i>speF</i>	12.8	12.8	12.6	13.4	12.8	12.8	12.8	12.7
<i>speG</i>	17.1	17.1	16.7	17.1	16.6	17.2	16.6	16.8
<i>spf</i>	18.5	18.4	17.8	17.7	18.2	18.7	17.5	18.0
<i>spoT</i>	16.3	16.2	16.1	16.2	16.2	16.5	16.3	16.3
<i>sppA</i>	15.3	15.2	15.0	15.7	15.1	15.3	15.0	15.3
<i>spr</i>	18.0	17.9	17.7	17.9	17.7	18.0	17.5	17.7
<i>spy</i>	14.7	15.5	15.2	14.2	13.6	14.6	13.9	13.7
<i>sra</i>	19.8	19.9	19.3	19.5	19.5	19.6	18.7	19.5
<i>sraA</i>	13.6	13.4	13.4	15.1	13.4	13.5	13.3	13.4
<i>sraF</i>	14.5	14.2	14.3	13.6	14.3	14.4	13.6	13.7
<i>srlA</i>	13.2	13.2	13.3	13.5	12.8	12.9	12.8	12.9
<i>srlB</i>	13.4	13.9	13.5	13.0	13.1	13.1	13.1	13.0
<i>srlD</i>	13.6	13.6	13.5	13.3	13.2	13.3	13.2	13.2
<i>srlE</i>	13.2	13.1	13.2	13.4	12.9	12.8	12.9	12.6
<i>srlR</i>	15.1	15.0	14.6	14.8	15.1	15.5	15.0	15.4
<i>srnB</i>	16.0	15.8	15.8	15.6	15.7	15.9	15.7	15.7
<i>sroA</i>	16.9	17.0	16.9	16.0	16.5	16.9	16.4	16.6
<i>sroC</i>	16.4	16.5	16.0	16.1	14.8	15.2	14.5	14.5
<i>sroD</i>	14.7	14.6	14.5	13.9	14.6	14.7	14.3	14.1
<i>sroE</i>	17.6	17.7	17.2	17.3	17.7	17.8	17.2	16.9
<i>sroG</i>	15.8	16.0	16.9	15.5	17.8	16.6	17.5	16.4
<i>sroH</i>	16.9	17.1	16.5	16.9	16.3	16.8	15.8	16.9
<i>ssb</i>	16.3	16.3	16.4	16.1	16.3	16.1	16.1	16.2
<i>sseA</i>	15.7	15.7	15.6	15.4	15.9	15.8	15.6	15.7
<i>sseB</i>	15.9	15.1	15.7	15.9	14.8	14.5	14.9	15.0
<i>ssnA</i>	12.7	12.7	12.6	12.9	12.8	12.8	12.7	12.6
<i>sspA</i>	17.4	17.3	17.3	17.3	17.4	17.3	17.4	17.7
<i>sspB</i>	16.7	16.7	16.6	16.6	16.6	16.4	16.6	17.0
<i>ssrA</i>	20.1	20.2	20.4	20.0	20.3	20.1	20.1	20.2
<i>ssrS</i>	18.9	19.2	19.6	18.5	19.7	18.9	19.1	19.1
<i>ssrT</i>	16.4	16.6	16.8	16.4	18.5	18.4	18.8	18.6
<i>ssuA</i>	13.1	13.0	13.0	13.2	13.0	13.0	12.9	12.8
<i>ssuB</i>	13.5	13.4	13.3	13.4	13.6	13.5	13.4	13.4
<i>ssuC</i>	12.9	12.8	12.9	12.7	12.9	12.9	12.9	12.7
<i>ssuD</i>	13.1	13.0	13.0	13.0	13.1	12.9	13.0	12.8
<i>ssuE</i>	13.0	12.8	12.9	13.0	12.8	12.9	12.8	12.8
<i>stfE</i>	12.9	12.9	12.7	13.0	12.9	13.0	12.8	12.7
<i>stfR</i>	13.2	13.1	12.8	13.3	13.1	13.2	13.1	13.7
<i>sthA</i>	16.5	16.3	16.4	16.3	14.0	14.6	14.1	14.4
<i>stpA</i>	18.4	18.1	17.9	17.8	17.9	18.2	17.5	17.9
<i>sucA</i>	18.2	17.7	18.4	18.2	15.2	15.5	15.5	15.6
<i>sucB</i>	18.3	17.8	18.6	18.3	15.5	15.6	15.8	15.9
<i>sucC</i>	18.5	17.9	18.9	18.6	15.4	15.5	15.5	15.7
<i>sucD</i>	18.1	17.6	18.6	18.2	14.9	15.1	15.1	15.2
<i>sufA</i>	15.3	17.9	18.1	14.8	14.6	15.7	15.7	14.5
<i>sufB</i>	15.2	17.5	17.9	15.1	14.3	15.4	15.6	14.5
<i>sufC</i>	15.2	17.3	17.6	14.8	14.4	15.4	15.5	14.6
<i>sufD</i>	14.9	17.2	17.5	14.9	14.3	15.2	15.5	14.5
<i>sufE</i>	14.8	17.2	17.0	14.5	14.1	15.3	15.2	14.6

<i>sufS</i>	14.5	16.7	17.1	14.4	14.2	14.9	15.2	14.3
<i>sugE</i>	13.9	13.7	13.7	13.3	14.1	14.0	13.9	14.0
<i>suhB</i>	16.4	16.1	16.1	16.2	16.0	15.8	15.6	16.0
<i>sulA</i>	15.4	16.7	16.2	15.1	15.3	15.9	15.3	15.4
<i>surA</i>	17.0	17.1	16.8	16.9	17.0	17.2	17.0	17.1
<i>surE</i>	15.7	15.6	15.7	15.4	15.6	15.5	15.6	15.4
<i>sxy</i>	14.1	14.2	13.7	13.5	14.3	14.5	13.9	14.2
<i>syd</i>	15.2	15.2	14.9	14.8	15.0	15.5	14.7	14.9
<i>symE</i>	13.5	13.7	13.3	13.4	13.2	13.5	13.3	13.2
<i>symR</i>	14.4	14.2	14.2	13.5	14.5	14.3	14.2	13.9
<i>tabA</i>	15.3	15.4	15.0	15.1	15.8	16.0	15.8	15.8
<i>tadA</i>	14.5	14.5	14.3	13.8	14.5	14.5	14.4	14.5
<i>tag</i>	15.5	15.5	15.1	15.2	15.8	15.9	15.6	15.7
<i>talA</i>	17.2	17.3	16.7	17.1	16.7	16.8	16.2	16.7
<i>talB</i>	18.4	18.4	18.7	18.4	18.1	18.2	18.3	18.2
<i>tam</i>	14.5	14.4	14.4	14.0	14.3	14.4	14.2	14.2
<i>tap</i>	12.8	13.0	12.8	13.7	14.5	13.2	13.0	12.8
<i>tar</i>	12.9	13.4	12.9	13.2	13.1	13.6	13.1	12.7
<i>tas</i>	16.3	16.3	16.2	16.3	15.8	16.1	16.0	16.0
<i>tatA</i>	18.4	18.4	17.5	18.2	18.2	18.6	17.8	18.2
<i>tatB</i>	16.9	16.9	16.7	16.9	17.1	17.0	17.1	17.1
<i>tatC</i>	15.9	15.8	15.7	15.7	15.6	16.0	16.0	16.1
<i>tatD</i>	14.5	14.5	14.2	14.1	14.4	14.5	14.4	14.5
<i>tatE</i>	17.6	17.5	17.0	16.8	18.2	18.2	17.6	18.3
<i>tauA</i>	13.1	13.1	13.0	13.1	12.9	13.0	13.0	12.8
<i>tauB</i>	13.4	13.5	13.2	13.6	13.4	13.7	13.4	13.1
<i>tauC</i>	12.9	13.0	13.0	13.0	13.2	13.1	13.2	12.9
<i>tauD</i>	13.1	13.1	13.0	13.4	13.0	13.2	13.1	13.2
<i>tbpA</i>	16.8	17.0	16.6	16.6	16.1	16.3	16.0	16.1
<i>tdcA</i>	12.7	12.7	12.6	13.7	12.8	12.8	12.6	12.6
<i>tdcB</i>	12.9	12.9	12.7	13.1	12.9	12.8	12.8	12.7
<i>tdcC</i>	13.3	13.3	13.1	13.0	13.1	13.2	13.1	13.0
<i>tdcD</i>	13.1	13.1	12.9	12.9	12.9	13.0	12.9	12.9
<i>tdcE</i>	13.0	13.0	13.0	13.0	13.6	13.1	13.3	12.8
<i>tdcF</i>	13.4	13.2	13.1	13.2	13.1	13.3	13.2	13.0
<i>tdcG</i>	13.0	13.0	12.9	13.5	13.0	13.0	13.0	12.9
<i>tdcR</i>	12.8	12.9	12.7	13.0	12.9	12.9	12.6	12.9
<i>tdh</i>	14.8	14.7	14.7	14.7	14.3	14.6	14.6	14.6
<i>tdk</i>	15.7	15.7	15.0	15.4	15.4	15.7	14.9	15.2
<i>tehA</i>	14.7	14.7	14.2	14.1	14.6	14.7	14.3	14.4
<i>tehB</i>	16.1	16.2	15.5	15.8	16.2	16.0	15.7	15.9
<i>tesA</i>	15.6	15.6	15.4	15.2	15.4	15.9	15.5	15.4
<i>tesB</i>	15.1	15.0	14.8	14.5	14.6	14.9	14.6	14.7
<i>tfaD</i>	13.1	13.1	12.9	13.5	13.2	13.0	13.0	12.8
<i>tfaE</i>	13.0	13.1	12.9	13.2	13.0	13.1	12.9	13.0
<i>tfaQ</i>	13.8	13.7	13.3	13.8	13.6	13.8	13.5	13.4
<i>tfaR</i>	13.7	13.7	13.4	14.6	13.8	14.0	13.5	13.4
<i>tfaS</i>	13.5	13.6	13.3	13.3	13.6	13.5	13.4	13.3
<i>tfaX</i>	13.0	13.1	12.7	13.1	13.3	13.3	12.9	12.9
<i>tff</i>	19.3	19.3	19.7	19.5	19.7	19.1	19.2	18.9
<i>tgt</i>	16.7	16.4	16.6	16.5	16.7	16.2	16.4	16.4
<i>thiC</i>	17.8	18.0	18.0	17.9	17.0	17.5	17.3	17.0
<i>thiD</i>	15.7	16.3	15.7	15.7	15.4	15.8	15.6	15.5
<i>thiE</i>	17.1	17.4	17.4	17.1	16.5	16.7	16.7	16.5
<i>thiF</i>	16.9	17.3	17.1	17.1	16.4	16.6	16.5	16.2
<i>thiG</i>	16.7	17.1	17.1	16.9	16.0	16.3	16.3	16.1
<i>thiH</i>	16.9	17.3	17.0	16.9	15.9	16.5	16.2	16.0
<i>thiI</i>	15.5	15.4	15.3	15.3	15.0	15.2	15.0	15.3
<i>thiK</i>	15.8	15.4	15.4	15.6	15.9	15.7	15.7	15.8
<i>thiL</i>	15.3	15.3	15.2	15.1	15.1	15.2	15.2	15.3
<i>thiM</i>	16.5	17.1	16.4	16.6	16.2	16.7	16.3	16.2

<i>thiP</i>	14.7	14.8	14.6	14.4	14.3	14.3	14.2	14.2
<i>thiQ</i>	14.2	14.2	14.1	13.8	13.8	13.8	13.8	13.7
<i>thiS</i>	17.0	17.5	17.6	17.3	16.9	16.7	16.7	16.4
<i>thrA</i>	19.0	19.0	19.0	19.1	19.1	19.1	19.2	19.3
<i>thrB</i>	18.3	18.3	18.5	18.5	18.7	18.4	18.7	18.7
<i>thrC</i>	18.6	18.4	18.4	18.7	18.5	18.6	18.6	18.8
<i>thrL</i>	20.2	20.4	19.9	20.2	20.1	19.9	19.4	20.0
<i>thrS</i>	18.3	18.2	18.2	18.4	18.5	18.4	18.4	18.4
<i>thrT</i>	19.9	19.9	20.3	19.8	19.9	19.8	19.8	19.7
<i>thrU</i>	20.0	19.9	20.1	19.7	19.9	19.4	19.3	19.8
<i>thrV</i>	18.7	18.7	18.4	18.2	18.7	18.6	17.8	18.0
<i>thrW</i>	17.5	17.5	16.7	16.2	17.7	17.9	16.4	16.8
<i>thyA</i>	16.3	16.2	15.9	16.1	15.9	16.3	15.9	16.1
<i>tig</i>	18.9	18.8	18.8	18.9	18.8	18.8	18.7	18.7
<i>tilS</i>	14.5	14.6	14.4	14.3	14.4	14.4	14.3	14.1
<i>tisA</i>	16.2	17.7	17.3	16.2	16.7	16.8	16.6	16.4
<i>tisB</i>	16.5	17.8	16.8	17.5	16.3	17.0	16.4	16.5
<i>tktA</i>	17.9	17.8	18.1	18.0	17.9	17.8	18.3	18.0
<i>tktB</i>	16.4	16.5	16.2	16.4	15.9	15.8	15.7	16.0
<i>tldD</i>	15.7	15.6	15.4	15.4	15.9	15.6	15.5	15.7
<i>tmcA</i>	14.4	14.3	14.3	14.2	14.4	14.4	14.4	14.6
<i>tmk</i>	15.4	15.4	15.4	15.4	15.7	15.5	15.6	15.5
<i>tnaA</i>	13.3	13.0	13.3	13.5	12.9	13.0	13.0	12.7
<i>tnaB</i>	12.7	12.6	12.6	12.8	12.7	12.6	12.6	12.6
<i>tnaC</i>	15.8	15.0	15.0	14.7	13.8	15.1	13.5	14.0
<i>tolA</i>	16.2	16.3	15.6	16.0	16.1	16.3	15.5	15.9
<i>tolB</i>	17.9	17.9	18.0	17.8	18.1	17.8	18.0	17.9
<i>tolC</i>	17.8	17.8	17.5	17.8	17.3	17.6	17.4	17.7
<i>tolQ</i>	16.4	16.5	16.3	16.3	16.3	16.6	16.3	16.4
<i>tolR</i>	16.0	16.2	15.7	15.8	16.0	16.0	15.7	16.0
<i>tomB</i>	17.0	16.9	16.4	16.4	16.0	16.9	15.7	15.8
<i>tonB</i>	15.7	17.6	17.6	15.0	14.2	17.9	17.9	14.4
<i>topA</i>	16.6	16.4	16.4	16.5	16.4	16.5	16.2	16.4
<i>topB</i>	15.2	15.2	14.9	15.2	14.9	15.0	14.9	14.9
<i>torA</i>	12.8	12.8	12.8	13.4	13.1	12.9	13.0	12.9
<i>torC</i>	12.9	13.0	12.7	13.1	13.1	13.1	13.0	12.8
<i>torD</i>	12.9	12.9	12.8	12.8	12.9	13.1	13.0	13.0
<i>torI</i>	14.9	15.0	14.3	14.1	14.8	15.7	14.1	14.6
<i>torR</i>	14.2	14.2	14.0	13.8	14.0	14.1	14.0	14.2
<i>torS</i>	12.9	12.9	12.8	13.2	13.6	13.7	13.5	13.6
<i>torT</i>	13.0	13.0	12.9	13.2	13.8	14.0	13.7	13.8
<i>torY</i>	12.8	12.8	12.7	13.2	12.9	12.7	12.8	12.6
<i>torZ</i>	13.2	13.2	13.1	13.3	13.3	13.3	13.3	13.1
<i>tp2</i>	12.9	12.9	12.9	12.9	13.0	12.9	12.8	12.8
<i>tpiA</i>	18.5	18.5	18.1	18.4	18.9	18.8	19.0	19.1
<i>tpke11</i>	17.3	16.9	17.8	17.6	17.5	17.2	17.3	17.0
<i>tpke70</i>	12.9	12.9	12.7	13.4	12.9	12.9	12.8	12.8
<i>tppB</i>	13.4	13.2	13.3	13.2	14.0	14.0	14.5	14.5
<i>tpr</i>	13.8	13.7	13.9	13.9	13.8	13.6	13.6	13.5
<i>tpx</i>	18.8	18.8	18.7	18.5	17.2	17.7	16.9	17.5
<i>tqsA</i>	13.4	13.3	13.2	13.4	13.5	13.6	13.4	13.4
<i>treA</i>	14.9	14.9	14.6	14.6	14.4	14.8	14.4	14.5
<i>treB</i>	13.2	13.0	13.2	13.0	13.1	13.0	13.0	13.1
<i>treC</i>	13.1	13.0	13.1	13.3	13.1	12.9	13.0	12.8
<i>treF</i>	14.3	14.5	14.2	14.2	13.7	14.1	13.8	13.8
<i>treR</i>	14.2	14.2	14.0	14.0	14.1	14.6	14.2	14.1
<i>trg</i>	13.0	13.1	12.8	13.1	13.1	13.2	13.0	12.9
<i>trkA</i>	15.3	15.2	14.8	15.0	15.0	15.1	14.8	15.1
<i>trkG</i>	14.1	14.0	13.7	13.5	13.8	14.2	13.7	13.7
<i>trkH</i>	15.0	14.8	14.7	14.4	14.7	14.9	14.7	14.8
<i>trmA</i>	15.9	15.8	15.5	15.8	15.5	15.6	15.2	15.4

<i>trmD</i>	19.4	19.4	19.6	19.5	19.8	19.3	19.6	19.3
<i>trmH</i>	15.5	15.4	15.2	15.2	15.3	15.5	15.3	15.3
<i>trmI</i>	16.6	16.6	16.3	16.5	16.5	16.2	15.9	16.1
<i>trmJ</i>	15.9	15.9	15.8	15.7	15.9	16.1	15.8	16.0
<i>trmL</i>	14.5	14.4	14.4	13.9	14.2	14.4	14.2	14.3
<i>trpA</i>	17.6	17.7	17.7	17.5	17.2	17.1	17.1	17.5
<i>trpB</i>	17.6	17.6	17.8	17.7	17.5	17.1	17.3	17.5
<i>trpC</i>	17.1	17.1	17.0	17.3	16.8	16.6	16.5	16.9
<i>trpD</i>	16.5	16.5	16.7	16.5	16.4	16.1	16.3	16.5
<i>trpE</i>	17.1	17.1	17.2	17.0	16.7	16.7	16.8	17.1
<i>trpL</i>	17.8	17.7	17.5	17.2	17.7	17.6	17.1	17.5
<i>trpR</i>	15.7	15.8	15.5	15.4	15.5	15.7	15.2	15.6
<i>trpS</i>	17.3	17.2	16.9	17.1	16.9	17.2	17.0	17.2
<i>trpT</i>	15.4	15.8	16.0	14.9	15.8	15.6	15.4	15.6
<i>truA</i>	15.7	15.7	15.7	15.6	15.9	15.7	15.8	15.8
<i>truB</i>	16.0	15.7	15.7	16.0	15.8	15.8	15.8	15.9
<i>truC</i>	14.7	14.7	14.5	14.3	14.3	14.5	14.3	14.4
<i>truD</i>	16.1	16.0	15.6	16.0	15.7	15.8	15.5	15.8
<i>trxA</i>	18.0	17.6	17.8	17.6	17.8	17.8	17.5	17.8
<i>trxB</i>	17.4	17.5	17.4	17.3	16.8	16.7	16.5	16.5
<i>trxC</i>	15.9	16.1	15.7	15.6	13.9	14.4	13.9	14.1
<i>tsf</i>	19.1	19.0	18.9	19.2	19.0	19.0	18.7	18.9
<i>tsgA</i>	14.5	14.4	13.9	14.2	14.3	14.5	14.3	14.6
<i>tsr</i>	13.1	13.3	13.1	13.2	13.3	13.4	13.3	13.0
<i>tsx</i>	17.6	16.8	17.3	17.6	16.9	16.7	17.1	17.0
<i>ttcA</i>	15.6	15.5	15.0	15.2	14.8	15.1	14.5	15.0
<i>ttdA</i>	12.7	12.6	12.6	12.8	13.0	12.8	13.1	12.9
<i>ttdB</i>	12.8	12.7	12.7	13.4	13.0	12.8	13.1	12.8
<i>ttdR</i>	13.0	13.0	12.8	13.1	13.6	14.0	13.6	13.6
<i>ttdT</i>	12.7	12.7	12.6	12.9	12.8	12.7	12.7	12.6
<i>tufA</i>	20.0	19.9	20.4	20.0	20.2	19.8	20.2	19.9
<i>tufB</i>	19.9	19.9	20.4	20.0	20.1	19.8	20.2	19.8
<i>tus</i>	14.7	14.6	14.4	15.1	14.2	14.6	14.3	14.3
<i>tynA</i>	13.0	13.0	12.9	13.0	13.0	13.0	12.9	12.9
<i>typA</i>	17.6	17.6	17.6	17.7	17.5	17.5	17.6	17.7
<i>tyrA</i>	15.9	15.8	15.7	15.9	16.0	15.2	15.3	16.1
<i>tyrB</i>	16.7	16.8	16.7	16.7	16.4	16.5	16.5	16.4
<i>tyrP</i>	14.1	14.1	14.0	13.9	14.0	14.3	14.2	14.3
<i>tyrR</i>	15.5	15.5	15.2	15.4	15.7	16.0	15.7	15.8
<i>tyrS</i>	17.3	17.2	17.1	17.2	17.6	17.4	17.5	17.5
<i>tyrT</i>	19.2	19.3	19.0	18.7	19.2	19.0	18.5	18.5
<i>tyrU</i>	19.2	19.1	19.9	18.7	19.7	19.0	19.1	18.6
<i>tyrV</i>	19.4	19.4	19.1	18.6	19.4	18.9	18.5	18.1
<i>ubiA</i>	15.4	15.4	15.2	15.1	14.5	15.1	14.6	14.7
<i>ubiB</i>	15.3	15.2	14.8	15.0	15.0	15.3	14.9	15.1
<i>ubiC</i>	15.7	15.7	15.7	15.2	15.1	15.4	14.9	14.9
<i>ubiD</i>	16.0	15.9	15.8	15.6	15.5	15.8	15.4	15.4
<i>ubiE</i>	16.9	16.7	16.6	16.6	16.5	16.7	16.6	16.7
<i>ubiF</i>	15.3	15.5	15.1	15.1	15.4	15.3	15.1	15.4
<i>ubiG</i>	16.2	16.3	16.0	16.0	16.5	16.3	16.3	16.2
<i>ubiH</i>	15.0	14.9	15.0	14.9	15.1	15.1	15.2	15.0
<i>ubiX</i>	14.9	14.9	14.5	14.4	14.2	14.6	14.3	14.5
<i>ucpA</i>	15.1	15.0	14.9	14.9	15.2	15.0	14.9	14.9
<i>udk</i>	16.1	16.0	15.5	15.9	15.9	16.1	15.8	16.4
<i>udp</i>	16.6	16.5	16.4	16.5	17.0	16.8	16.9	17.1
<i>ugd</i>	15.7	15.4	15.3	15.9	14.8	14.6	14.1	15.2
<i>ugpA</i>	13.6	13.7	13.5	13.3	12.8	12.8	12.7	12.6
<i>ugpB</i>	14.8	15.1	14.6	14.6	13.1	13.3	13.0	12.8
<i>ugpC</i>	14.4	14.4	14.1	13.9	13.8	13.6	13.6	13.4
<i>ugpE</i>	13.8	13.8	13.5	13.1	12.7	12.8	12.7	12.6
<i>ugpQ</i>	14.7	14.8	14.7	14.6	14.2	14.3	14.4	14.4

<i>uhpA</i>	15.2	15.1	15.5	15.2	15.6	15.3	15.6	15.8
<i>uhpB</i>	13.6	13.6	13.5	13.2	13.6	13.7	13.7	14.0
<i>uhpC</i>	13.3	13.2	13.3	13.1	13.0	13.1	13.0	13.0
<i>uhpT</i>	12.9	12.8	12.7	13.0	12.9	12.9	12.9	12.9
<i>uidA</i>	12.7	12.7	12.6	12.8	12.9	12.7	12.7	12.8
<i>uidB</i>	13.0	13.0	12.7	13.4	13.3	12.9	12.9	12.7
<i>uidC</i>	12.8	12.8	12.7	13.3	12.8	12.8	12.7	12.7
<i>uidR</i>	14.7	14.6	14.3	14.2	14.9	15.0	14.6	14.8
<i>ulaA</i>	12.7	12.7	12.6	13.2	12.7	12.7	12.7	12.5
<i>ulaB</i>	13.5	13.5	13.4	13.5	13.3	13.3	13.4	13.2
<i>ulaC</i>	13.1	13.1	13.1	13.4	13.2	13.1	13.3	13.0
<i>ulaD</i>	13.2	13.1	13.1	13.7	13.3	13.2	13.3	13.1
<i>ulaE</i>	13.1	13.1	13.1	13.6	13.4	13.2	13.3	13.0
<i>ulaF</i>	15.9	13.1	13.1	16.8	13.5	13.1	13.2	13.0
<i>ulaG</i>	13.3	13.2	13.2	13.3	13.3	13.4	13.3	13.3
<i>ulaR</i>	14.4	14.4	13.9	14.2	14.1	14.4	13.9	14.2
<i>umuC</i>	13.3	13.6	13.4	13.3	13.2	13.4	13.2	13.2
<i>umuD</i>	14.0	14.5	14.0	14.1	13.5	14.1	13.6	13.9
<i>ung</i>	15.7	15.6	15.5	15.2	15.8	15.9	15.8	15.6
<i>uof</i>	19.3	18.1	17.6	19.1	18.6	17.8	16.9	18.4
<i>upp</i>	18.1	18.2	18.2	18.0	18.8	17.9	18.4	18.4
<i>uraA</i>	17.5	17.3	17.2	17.5	17.2	16.6	17.1	17.2
<i>usg</i>	15.8	15.8	15.8	15.7	15.9	15.7	15.9	16.1
<i>ushA</i>	16.1	16.0	15.9	16.0	16.2	16.0	15.8	16.0
<i>uspA</i>	19.4	19.4	19.4	19.5	19.3	19.5	19.5	19.6
<i>uspB</i>	16.0	16.2	15.5	16.4	15.8	15.8	15.4	16.2
<i>uspC</i>	14.8	14.9	14.4	14.4	14.8	15.2	14.6	15.0
<i>uspD</i>	17.0	17.2	16.4	16.9	17.1	17.7	17.1	17.5
<i>uspE</i>	17.0	17.3	16.7	16.9	17.5	17.8	17.5	17.7
<i>uspF</i>	16.4	16.2	16.2	16.0	17.0	17.3	16.7	17.1
<i>uspG</i>	16.4	16.2	16.2	16.1	16.9	17.1	17.0	17.3
<i>uup</i>	15.6	15.5	15.1	15.5	15.2	15.3	15.0	15.3
<i>uvrA</i>	14.7	14.9	14.9	14.7	14.7	14.9	14.9	14.8
<i>uvrB</i>	15.1	15.3	15.0	15.0	15.1	15.2	15.1	15.2
<i>uvrC</i>	15.5	15.6	15.0	15.2	15.4	15.9	15.3	15.6
<i>uvrD</i>	14.4	14.5	14.5	14.1	14.5	14.5	14.6	14.4
<i>uvrY</i>	16.7	16.7	16.2	16.6	16.9	17.1	16.5	16.8
<i>uxaA</i>	13.4	13.3	13.2	13.5	13.3	13.3	13.4	13.2
<i>uxaB</i>	12.9	13.0	12.8	13.1	13.1	13.3	13.1	13.1
<i>uxaC</i>	13.8	13.6	13.6	13.6	13.5	13.8	13.7	13.6
<i>uxuA</i>	14.0	13.6	13.6	13.8	13.4	13.4	13.4	13.3
<i>uxuB</i>	13.5	13.3	13.3	13.6	13.2	13.1	13.3	13.1
<i>uxuR</i>	14.8	14.9	14.6	14.4	14.5	14.8	14.5	14.7
<i>valS</i>	17.1	16.9	17.0	17.2	16.9	17.0	17.1	17.1
<i>valT</i>	20.4	20.4	20.6	20.2	20.5	20.3	20.4	20.3
<i>valU</i>	19.6	19.5	19.8	19.1	19.8	19.4	19.4	19.8
<i>valV</i>	16.8	16.5	16.7	15.9	16.8	16.5	15.8	16.5
<i>valW</i>	16.1	15.7	16.0	14.9	15.8	16.0	15.3	15.7
<i>valX</i>	20.8	20.8	20.5	20.6	20.8	20.8	20.5	20.8
<i>valY</i>	20.0	19.9	20.4	19.4	20.2	20.0	20.1	20.1
<i>valZ</i>	20.2	20.2	20.2	19.8	20.3	20.3	20.2	20.0
<i>ves</i>	13.0	13.1	12.9	13.2	13.2	13.1	13.1	13.0
<i>viaA</i>	14.1	14.1	13.8	13.8	14.8	14.8	14.8	15.0
<i>visC</i>	15.3	15.3	15.0	15.2	15.2	15.3	15.1	15.1
<i>vsr</i>	13.8	13.9	13.6	13.6	13.9	14.0	13.8	13.7
<i>waaA</i>	15.4	15.2	15.3	15.1	14.7	14.8	14.6	14.8
<i>waaB</i>	15.0	14.9	14.3	14.7	14.6	15.0	14.2	14.5
<i>waaC</i>	15.5	15.4	15.2	15.5	15.5	15.2	15.2	15.2
<i>waaF</i>	15.9	15.8	15.7	15.9	15.9	15.9	15.9	16.0
<i>waaG</i>	15.6	15.6	15.0	15.5	15.3	15.8	15.2	15.3
<i>waaI</i>	15.1	15.0	14.6	14.9	14.8	15.1	14.4	14.7

<i>waaJ</i>	14.9	14.6	14.5	14.8	14.5	14.7	14.2	14.3
<i>waaK</i>	14.6	14.3	14.3	14.1	14.3	14.5	14.0	13.9
<i>waaP</i>	15.4	15.3	14.8	15.2	15.1	15.5	14.7	14.9
<i>waaQ</i>	15.5	15.5	14.9	15.4	15.5	15.6	15.1	15.3
<i>waaY</i>	15.3	15.1	14.6	15.4	14.7	15.0	14.4	14.5
<i>wbbI</i>	17.1	16.8	16.6	17.1	17.0	16.7	16.6	16.5
<i>wbbJ</i>	17.7	17.4	17.1	17.7	17.4	17.4	17.2	17.3
<i>wbbK</i>	16.4	16.0	15.8	16.3	16.3	16.0	15.8	15.7
<i>wbbL_1</i>	17.8	17.8	17.1	17.8	17.8	17.6	17.4	17.4
<i>wbbL_2</i>	16.6	16.4	16.1	16.6	16.4	16.8	16.2	16.4
<i>wcaA</i>	12.8	12.8	12.7	13.1	13.1	12.7	12.8	12.7
<i>wcaB</i>	13.0	13.0	12.9	13.3	13.3	12.9	13.2	12.8
<i>wcaC</i>	12.8	12.8	12.7	13.3	12.8	12.7	12.8	12.6
<i>wcaD</i>	12.7	12.8	12.8	13.2	13.0	12.7	12.7	12.6
<i>wcaE</i>	12.7	12.8	12.6	13.2	12.7	12.7	12.6	12.7
<i>wcaF</i>	12.8	12.9	12.6	13.4	12.9	12.7	12.7	12.5
<i>wcaI</i>	12.7	12.8	12.7	13.1	13.0	12.7	12.8	12.8
<i>wcaJ</i>	12.7	12.8	12.7	13.0	12.8	12.8	12.7	12.5
<i>wcaK</i>	12.9	13.0	12.8	13.1	12.8	12.8	12.8	12.9
<i>wcaL</i>	13.1	13.1	12.9	13.5	13.2	13.2	13.1	12.9
<i>wcaM</i>	13.6	13.4	13.2	13.3	13.3	13.5	13.2	13.2
<i>wecH</i>	13.5	13.4	13.2	13.1	13.3	13.5	13.2	13.2
<i>wrbA</i>	18.0	17.9	17.8	17.7	18.5	18.4	18.4	18.6
<i>wza</i>	12.7	12.7	12.6	12.8	12.7	12.7	12.7	12.5
<i>wzb</i>	13.0	13.1	12.7	14.1	13.1	12.9	13.0	12.8
<i>wzc</i>	12.7	12.8	12.6	13.2	12.8	12.7	12.7	12.6
<i>wzcC</i>	12.8	12.8	12.7	13.7	12.9	12.8	12.8	12.7
<i>wzcE</i>	14.4	14.2	14.1	14.1	14.3	14.3	14.2	14.3
<i>wzyE</i>	14.4	14.3	14.0	13.7	14.0	14.3	13.8	14.0
<i>wzzE</i>	15.4	15.3	15.2	15.1	15.5	15.5	15.4	15.5
<i>xanP</i>	16.1	16.1	16.1	15.7	15.9	15.8	15.6	16.1
<i>xanQ</i>	13.0	12.9	12.8	13.2	12.9	13.0	12.8	12.9
<i>xapA</i>	12.9	13.0	12.8	13.2	13.0	12.9	12.9	12.7
<i>xapB</i>	13.0	13.0	12.8	13.3	13.0	13.1	12.9	13.0
<i>xapR</i>	13.6	13.7	13.4	13.5	13.7	13.9	13.6	13.5
<i>xdhA</i>	13.2	13.2	13.1	13.2	13.1	13.1	13.1	13.0
<i>xdhB</i>	13.2	13.2	13.1	13.1	13.0	13.1	13.1	13.1
<i>xdhC</i>	13.3	13.3	13.2	13.5	13.3	13.5	13.3	13.2
<i>xdhD</i>	13.0	13.0	12.9	12.9	12.9	13.0	12.9	12.9
<i>xerC</i>	15.7	15.6	15.5	15.6	15.7	15.7	15.8	15.7
<i>xerD</i>	15.7	15.5	15.2	15.5	15.7	15.7	15.3	15.5
<i>xisE</i>	13.7	14.3	13.7	13.2	13.5	14.0	13.4	13.2
<i>xseA</i>	15.8	16.0	15.5	15.5	15.7	16.3	15.8	15.9
<i>xseB</i>	16.6	16.5	16.7	16.5	16.8	16.5	16.7	16.3
<i>xthA</i>	16.2	16.1	15.9	15.9	15.4	15.7	15.4	15.6
<i>xylA</i>	13.6	13.6	13.3	13.4	13.4	13.5	13.3	13.4
<i>xylB</i>	13.7	13.7	13.5	13.5	13.8	13.6	13.6	13.5
<i>xylE</i>	12.7	12.8	12.7	13.0	12.9	12.7	12.7	12.7
<i>xylF</i>	12.9	12.8	12.9	13.0	12.8	12.9	12.7	12.9
<i>xylG</i>	12.9	13.0	12.8	13.1	12.8	13.0	12.7	12.7
<i>xylH</i>	13.2	13.1	13.1	13.2	13.1	13.2	13.0	12.9
<i>xylR</i>	14.3	14.3	14.0	13.9	14.1	14.5	14.0	14.1
<i>yaaA</i>	15.3	15.4	14.9	15.1	14.3	15.1	14.5	14.8
<i>yaaH</i>	13.8	13.5	13.6	13.2	14.2	14.1	14.0	14.4
<i>yaaI</i>	12.9	12.9	12.7	13.1	13.0	12.9	12.8	12.6
<i>yaaJ</i>	13.3	13.2	13.2	13.2	13.5	13.7	13.6	13.7
<i>yaaU</i>	12.9	12.9	12.8	13.0	13.1	12.9	13.0	12.7
<i>yaaW</i>	13.2	13.3	12.9	13.1	13.0	13.2	12.9	13.0
<i>yaaX</i>	15.5	15.2	15.1	15.3	15.1	15.5	15.3	15.3
<i>yaaY</i>	14.2	14.1	13.9	13.8	14.2	13.8	13.9	14.3
<i>yabI</i>	14.1	14.2	14.0	14.2	13.7	13.8	13.7	13.8

<i>yabP</i>	15.4	15.3	15.2	14.9	15.9	15.7	15.2	14.7
<i>yabQ</i>	16.6	16.3	16.0	15.8	16.7	16.8	15.7	15.2
<i>yacC</i>	15.6	15.5	15.0	14.6	15.4	16.0	15.2	15.6
<i>yacF</i>	16.2	16.1	15.9	15.8	15.7	16.3	15.9	16.1
<i>yacG</i>	16.4	16.4	15.9	16.2	15.8	16.4	15.8	16.3
<i>yacH</i>	12.7	12.8	12.6	12.9	12.7	12.7	12.6	12.5
<i>yacL</i>	15.6	15.5	15.1	15.2	15.3	15.1	14.5	15.0
<i>yadB</i>	14.1	14.0	13.8	13.6	13.7	13.9	13.7	13.7
<i>yadC</i>	12.8	12.8	12.6	12.8	12.8	12.9	12.6	12.7
<i>yadD</i>	13.8	13.7	13.4	13.6	13.9	13.8	13.4	13.5
<i>yadE</i>	13.4	13.6	13.3	13.1	13.3	13.6	13.4	13.3
<i>yadG</i>	15.6	15.6	15.3	15.5	15.7	15.7	15.5	15.6
<i>yadH</i>	15.2	15.2	14.9	15.1	15.0	15.3	15.2	15.4
<i>yadI</i>	13.8	13.7	13.6	13.4	14.0	14.1	13.9	14.1
<i>yadK</i>	12.7	12.8	12.6	12.8	12.8	12.9	12.6	12.7
<i>yadL</i>	13.2	13.1	13.0	12.9	13.1	13.2	13.0	13.0
<i>yadM</i>	13.1	13.1	13.0	13.4	13.1	13.2	13.0	12.8
<i>yadN</i>	12.6	12.7	12.5	12.7	12.6	12.6	12.5	12.6
<i>yadS</i>	13.9	13.9	13.8	13.4	13.8	13.7	13.6	13.8
<i>yaeB</i>	15.0	15.1	14.7	14.6	14.4	15.2	14.7	15.1
<i>yaeF</i>	13.1	13.0	12.9	13.2	13.0	13.2	13.0	13.0
<i>yaeH</i>	16.7	16.7	16.2	16.3	16.4	16.7	15.9	16.4
<i>yaeI</i>	13.9	13.7	13.6	13.4	13.5	13.8	13.6	13.5
<i>yaeJ</i>	15.3	15.3	14.8	15.1	15.3	15.4	14.9	15.3
<i>yaeP</i>	16.6	16.7	16.3	16.3	16.5	16.8	16.3	16.7
<i>yaeQ</i>	15.4	15.3	14.9	15.0	15.3	15.5	15.1	15.4
<i>yaeR</i>	15.1	15.0	14.6	14.9	14.5	14.9	14.4	14.7
<i>yafC</i>	14.6	14.6	14.2	14.1	14.4	14.7	14.3	14.4
<i>yafD</i>	15.7	15.9	15.6	15.4	16.0	16.2	16.1	16.2
<i>yafE</i>	14.1	14.2	13.6	13.8	14.4	14.6	14.2	14.5
<i>yafF</i>	13.6	13.4	13.3	13.3	13.6	13.6	13.3	13.0
<i>yafJ</i>	15.6	15.6	15.7	15.5	15.7	15.9	15.9	15.7
<i>yafK</i>	16.8	16.9	16.4	16.6	17.0	17.3	16.8	16.9
<i>yafL</i>	13.1	13.1	13.1	12.8	13.2	13.1	13.0	12.9
<i>yafM</i>	14.4	14.3	14.0	14.1	14.1	14.4	13.8	14.0
<i>yafN</i>	14.9	14.9	14.5	14.4	14.6	15.0	14.3	14.6
<i>yafO</i>	14.4	14.4	14.0	14.5	14.0	14.5	13.8	14.0
<i>yafP</i>	13.9	13.9	13.5	13.3	14.8	14.0	13.4	13.5
<i>yafQ</i>	15.5	15.5	15.2	15.3	15.5	15.7	15.0	14.9
<i>yafS</i>	14.4	14.4	14.0	14.1	14.0	14.6	14.1	14.3
<i>yafT</i>	13.1	13.0	12.8	13.1	12.9	13.0	12.8	12.8
<i>yafU</i>	12.8	12.9	12.7	13.0	12.9	12.9	12.6	12.6
<i>yafV</i>	14.3	14.2	14.0	14.2	14.4	14.5	14.3	14.3
<i>yafW</i>	12.9	12.7	12.5	13.2	12.7	12.8	12.7	12.5
<i>yafX</i>	12.9	12.9	12.7	13.4	12.9	12.8	12.8	12.8
<i>yafY</i>	13.6	13.7	13.6	13.6	13.5	13.6	13.5	13.4
<i>yafZ</i>	12.8	12.9	12.7	13.5	12.9	12.8	12.9	12.6
<i>yagA</i>	12.8	12.9	12.8	13.0	13.0	12.7	12.9	12.6
<i>yagB</i>	15.1	15.0	14.7	14.2	15.4	15.2	15.0	14.9
<i>yagE</i>	13.0	12.9	13.0	13.0	12.7	12.8	12.9	12.7
<i>yagF</i>	12.8	12.7	12.8	13.0	12.8	12.7	12.9	12.6
<i>yagG</i>	12.9	12.9	13.0	13.1	12.9	12.9	13.0	12.6
<i>yagH</i>	12.9	13.0	13.1	13.1	12.9	12.8	13.1	12.7
<i>yagI</i>	14.5	14.5	14.7	14.2	14.6	14.5	14.7	14.7
<i>yagJ</i>	13.5	13.5	13.2	13.4	13.6	13.5	13.3	13.4
<i>yagK</i>	13.2	13.2	13.1	13.2	13.2	13.4	13.0	13.0
<i>yagL</i>	13.1	13.1	12.8	13.2	13.1	13.2	12.8	12.9
<i>yagM</i>	12.6	12.6	12.5	13.3	12.7	12.6	12.6	12.6
<i>yagN</i>	17.6	17.8	16.8	17.3	17.3	17.9	16.8	17.2
<i>yagP</i>	13.0	13.1	13.0	12.8	13.0	13.2	13.0	13.0
<i>yagQ</i>	12.8	12.9	12.8	12.9	12.9	12.9	12.9	12.7

<i>yagR</i>	13.0	13.0	13.0	13.2	13.1	12.9	13.1	12.8
<i>yagS</i>	12.9	12.8	12.9	13.2	12.9	12.8	12.9	12.8
<i>yagT</i>	13.1	13.0	13.0	13.0	13.1	13.1	13.0	13.0
<i>yagU</i>	18.4	18.7	17.9	18.2	19.5	19.6	19.6	19.5
<i>yagV</i>	13.4	13.3	13.3	13.3	13.4	13.5	13.4	13.3
<i>yagW</i>	13.4	13.4	13.2	13.2	13.3	13.4	13.3	13.1
<i>yagX</i>	12.8	12.9	12.7	13.0	12.9	12.9	12.9	12.7
<i>yahA</i>	15.0	15.0	14.7	14.9	14.0	13.9	13.6	13.9
<i>yahB</i>	13.7	13.6	13.4	13.2	13.4	13.7	13.3	13.4
<i>yahC</i>	12.9	12.9	12.9	13.2	13.1	12.9	13.0	12.8
<i>yahD</i>	13.4	13.4	13.1	13.2	13.8	13.7	13.6	13.5
<i>yahE</i>	12.7	12.8	12.6	12.8	12.8	12.8	12.7	12.7
<i>yahF</i>	12.9	12.9	12.7	13.2	13.1	12.9	13.0	12.7
<i>yahG</i>	12.9	12.9	13.0	13.1	13.6	12.9	13.3	12.8
<i>yahH</i>	13.5	13.7	13.7	13.8	13.2	13.6	13.5	13.0
<i>yahI</i>	13.0	12.9	12.9	13.4	13.0	13.0	13.0	12.7
<i>yahJ</i>	14.1	14.0	14.0	13.8	13.8	14.1	14.1	14.0
<i>yahK</i>	16.3	16.4	15.9	16.3	16.1	15.9	15.6	16.2
<i>yahL</i>	12.6	12.7	12.4	12.7	12.6	12.6	12.4	12.6
<i>yahM</i>	13.4	13.3	13.2	13.3	13.9	13.9	13.5	13.7
<i>yahN</i>	13.0	13.0	13.0	13.2	13.0	13.0	13.0	12.9
<i>yahO</i>	17.8	17.9	17.0	17.4	17.4	17.6	16.2	17.1
<i>yaiA</i>	16.7	16.6	16.2	16.3	16.4	16.7	16.0	16.3
<i>yaiE</i>	17.2	17.2	17.0	16.8	16.8	17.2	16.5	17.0
<i>yaiF</i>	14.4	14.7	14.5	13.8	14.7	15.7	15.6	14.7
<i>yaiI</i>	14.5	14.5	14.4	14.2	14.7	14.6	14.6	14.6
<i>yaiL</i>	15.9	15.7	15.3	15.6	15.7	16.1	15.3	15.8
<i>yaiO</i>	12.9	13.0	12.8	12.8	13.0	13.1	12.9	12.9
<i>yaiP</i>	12.9	13.0	12.9	12.8	12.9	13.1	12.9	12.8
<i>yaiS</i>	12.8	12.8	12.6	12.9	12.8	12.8	12.6	13.2
<i>yaiT</i>	12.8	12.9	12.8	13.2	13.1	13.1	12.9	13.0
<i>yaiU</i>	12.9	13.1	12.9	12.8	13.1	13.2	13.0	13.0
<i>yaiV</i>	12.7	12.6	12.5	13.1	12.8	12.7	12.6	12.7
<i>yaiW</i>	14.4	14.5	14.3	14.2	14.4	14.6	14.3	14.3
<i>yaiX</i>	12.6	12.7	12.6	12.9	12.7	12.8	12.7	12.8
<i>yaiY</i>	13.0	12.9	12.8	12.7	13.0	12.9	12.9	13.1
<i>yaiZ</i>	14.5	14.4	14.6	13.9	14.2	14.4	14.1	14.1
<i>yajC</i>	19.0	18.6	18.6	18.8	18.7	18.9	18.8	18.9
<i>yajD</i>	16.0	15.9	16.0	15.5	16.2	16.4	15.9	16.1
<i>yajG</i>	18.0	17.9	17.8	17.7	17.1	17.9	17.4	17.5
<i>yajI</i>	13.6	13.4	13.2	13.1	13.3	13.6	13.3	13.4
<i>yajL</i>	15.0	15.0	14.8	14.8	14.8	15.1	14.9	15.0
<i>yajO</i>	15.5	15.5	15.1	15.4	15.3	15.2	14.9	15.3
<i>yajQ</i>	17.5	17.5	16.9	17.2	17.4	17.5	16.9	17.7
<i>yajR</i>	13.9	13.9	13.7	13.7	13.5	13.6	13.5	13.6
<i>ybaA</i>	13.5	13.7	13.2	13.6	13.8	13.6	13.3	13.4
<i>ybaB</i>	17.9	17.8	17.7	17.6	17.8	17.8	17.5	17.5
<i>ybaE</i>	13.0	13.0	13.1	13.0	13.0	13.2	13.1	13.2
<i>ybaK</i>	15.6	15.6	15.2	15.0	15.2	15.5	15.1	15.4
<i>ybaL</i>	15.0	14.9	14.9	14.8	14.7	14.6	14.3	14.4
<i>ybaM</i>	15.5	15.2	15.0	15.1	15.2	15.3	14.9	15.3
<i>ybaN</i>	15.4	17.0	16.5	14.9	14.4	17.0	16.5	14.4
<i>ybaO</i>	14.4	14.5	14.2	13.8	14.0	14.3	13.9	14.1
<i>ybaP</i>	14.5	14.6	14.3	14.2	14.3	14.6	14.3	14.3
<i>ybaQ</i>	16.8	16.9	16.1	16.7	16.2	16.7	15.6	16.5
<i>ybaS</i>	16.0	15.8	15.6	16.0	17.5	16.5	17.1	17.6
<i>ybaT</i>	14.9	14.7	14.4	14.7	16.0	15.4	15.7	16.7
<i>ybaV</i>	13.4	13.3	13.3	12.8	13.3	13.3	13.3	13.1
<i>ybaY</i>	16.2	16.1	15.6	15.9	14.2	14.4	13.8	14.6
<i>ybbA</i>	13.9	13.9	14.0	13.7	14.2	14.0	14.2	14.1
<i>ybbB</i>	13.9	13.9	13.7	14.1	14.2	14.3	14.2	14.2

<i>ybbC</i>	13.8	13.8	13.6	13.7	14.5	14.3	13.8	13.6
<i>ybbD</i>	12.9	12.9	12.8	13.1	12.9	13.1	12.7	12.8
<i>ybbJ</i>	14.0	14.0	14.0	14.1	14.1	14.1	14.2	14.1
<i>ybbL</i>	15.4	15.3	14.7	15.2	15.3	15.6	15.0	15.3
<i>ybbM</i>	14.4	14.3	14.0	14.4	14.5	14.4	14.3	14.5
<i>ybbN</i>	16.3	16.4	16.3	16.2	16.2	16.3	16.2	16.3
<i>ybbO</i>	15.1	15.2	15.2	14.9	15.2	15.6	15.4	15.2
<i>ybbP</i>	13.4	13.4	13.4	13.6	13.6	13.4	13.6	13.4
<i>ybbV</i>	12.8	12.9	12.7	13.0	12.9	12.9	14.1	13.0
<i>ybbW</i>	12.6	12.6	12.6	13.3	12.8	12.6	13.0	12.7
<i>ybbY</i>	12.9	12.8	12.7	12.7	12.7	12.7	12.7	12.7
<i>ybcC</i>	13.2	13.3	13.0	13.0	13.2	13.2	13.1	13.0
<i>ybcD</i>	12.8	12.9	12.7	13.4	13.0	12.8	12.9	12.8
<i>ybcF</i>	12.9	12.9	12.8	13.4	13.1	12.8	13.0	12.7
<i>ybcH</i>	13.6	13.6	13.3	13.1	13.4	13.9	13.4	13.5
<i>ybcI</i>	13.1	13.0	13.1	13.2	13.1	13.1	13.1	13.0
<i>ybcJ</i>	16.2	16.2	15.3	16.0	15.7	16.2	15.4	15.6
<i>ybcK</i>	12.7	12.7	12.5	13.1	12.7	12.7	12.5	12.7
<i>ybcL</i>	13.9	13.9	13.4	13.6	13.6	13.8	13.3	13.4
<i>ybcM</i>	14.1	14.2	13.8	14.7	14.2	14.6	13.9	13.9
<i>ybcN</i>	12.6	12.7	12.6	12.8	12.8	12.7	12.6	12.6
<i>ybcO</i>	12.7	12.6	12.7	13.0	12.8	12.7	12.7	12.5
<i>ybcQ</i>	13.2	13.2	13.1	13.3	13.2	13.4	13.1	13.0
<i>ybcS</i>	13.3	13.2	13.0	13.4	13.5	13.5	13.3	13.2
<i>ybcV</i>	12.7	12.7	12.6	12.8	12.9	13.0	12.7	12.8
<i>ybcW</i>	14.0	13.7	13.5	13.6	15.3	15.9	15.0	15.5
<i>ybcY</i>	13.2	13.0	12.9	13.0	13.3	13.3	13.0	13.1
<i>ybdD</i>	15.6	15.9	15.3	15.9	14.7	15.5	14.7	15.1
<i>ybdF</i>	15.1	15.1	14.6	14.7	14.6	15.3	14.7	14.9
<i>ybdH</i>	15.1	15.0	15.4	14.8	14.9	14.8	14.8	14.9
<i>ybdJ</i>	14.6	14.6	14.2	14.5	13.3	13.8	13.4	13.7
<i>ybdK</i>	14.3	14.2	14.2	13.9	13.8	13.9	13.7	13.9
<i>ybdL</i>	14.9	14.8	14.9	14.5	14.7	14.8	14.6	14.9
<i>ybdM</i>	14.0	14.0	13.7	13.6	13.8	14.0	13.6	13.7
<i>ybdN</i>	13.2	13.1	12.9	13.1	13.0	13.1	12.8	12.8
<i>ybdO</i>	12.8	12.8	12.7	13.1	12.7	12.8	12.6	12.6
<i>ybdR</i>	13.8	13.7	13.5	13.7	13.7	13.6	13.5	13.6
<i>ybdZ</i>	13.1	18.2	18.4	12.8	12.7	18.0	18.2	12.6
<i>ybeB</i>	16.7	16.8	16.4	16.4	16.8	16.6	16.4	16.6
<i>ybeD</i>	16.3	16.4	16.6	16.3	16.5	16.4	16.3	16.3
<i>ybeF</i>	13.0	12.9	12.8	12.9	12.8	13.0	12.8	12.7
<i>ybeL</i>	16.3	16.3	16.1	15.7	16.9	16.0	15.7	16.2
<i>ybeM_1</i>	14.5	14.7	14.3	14.3	14.8	14.7	14.4	14.8
<i>ybeM_2</i>	14.0	14.0	13.9	13.5	13.9	14.2	14.1	14.2
<i>ybeQ</i>	13.0	12.9	12.8	12.9	13.1	13.0	12.8	12.8
<i>ybeR</i>	12.7	12.7	12.6	12.9	12.7	12.7	12.6	12.7
<i>ybeT</i>	12.9	12.7	12.6	13.1	13.0	12.9	12.7	12.7
<i>ybeU</i>	12.8	12.9	12.7	13.6	12.9	12.7	12.7	12.7
<i>ybeX</i>	17.1	16.9	16.9	17.1	17.1	17.0	17.2	17.2
<i>ybeY</i>	17.0	16.9	16.5	16.9	17.1	17.0	16.7	16.8
<i>ybeZ</i>	16.9	16.9	16.7	16.8	16.8	16.9	16.7	16.8
<i>ybfA</i>	15.0	15.5	14.9	14.1	16.3	16.7	16.1	16.7
<i>ybfB</i>	12.9	12.9	12.7	12.8	13.0	13.1	12.9	13.0
<i>ybfC</i>	13.4	13.3	12.9	13.3	13.4	13.6	13.2	13.2
<i>ybfD</i>	13.1	13.0	12.7	12.9	13.2	13.1	13.0	13.1
<i>ybfE</i>	15.4	15.2	15.1	14.9	15.1	15.2	14.7	15.1
<i>ybfF</i>	15.3	15.4	15.1	15.2	14.9	15.3	14.9	15.0
<i>ybfG</i>	12.9	13.0	12.7	13.1	12.9	12.9	12.7	12.7
<i>ybfH</i>	13.2	13.2	13.0	15.7	13.2	13.3	12.9	12.9
<i>ybfK</i>	12.8	12.8	12.7	13.1	12.9	12.8	12.7	12.9
<i>ybfL</i>	13.1	13.1	12.8	14.4	13.2	13.1	12.9	12.9

<i>ybfN</i>	13.1	13.2	12.8	13.4	13.1	13.2	13.0	12.9
<i>ybfO</i>	13.2	13.2	13.0	13.6	13.3	13.3	13.3	12.9
<i>ybfP</i>	13.5	13.4	13.2	13.2	13.3	13.4	13.1	13.0
<i>ybfQ</i>	13.0	13.1	12.8	13.3	13.2	13.1	13.3	12.9
<i>ybgA</i>	15.6	15.7	14.9	15.4	15.1	15.4	14.9	15.4
<i>ybgC</i>	16.8	16.9	16.4	16.3	16.5	17.0	16.5	16.9
<i>ybgD</i>	12.6	12.8	12.6	13.2	12.7	12.7	12.5	12.5
<i>ybgE</i>	16.0	15.7	16.1	15.6	16.6	16.7	16.7	16.8
<i>ybgF</i>	18.2	18.2	17.7	18.3	17.8	18.1	17.9	17.8
<i>ybgI</i>	16.8	16.8	16.5	16.8	17.3	17.0	16.8	17.1
<i>ybgJ</i>	16.2	16.2	16.1	16.1	17.0	16.6	16.5	16.5
<i>ybgK</i>	15.8	15.8	16.0	15.8	16.4	16.0	16.4	16.2
<i>ybgL</i>	15.4	15.4	15.1	15.4	15.4	15.4	15.3	15.7
<i>ybgO</i>	12.8	12.8	12.6	13.7	12.9	12.9	12.6	12.7
<i>ybgP</i>	12.8	12.9	12.7	13.2	12.8	12.9	12.8	12.7
<i>ybgQ</i>	12.6	12.6	12.5	13.0	12.7	12.6	12.6	12.5
<i>ybgS</i>	15.3	15.3	14.4	14.5	13.6	14.0	13.4	13.8
<i>ybgT</i>	17.0	16.6	17.0	16.7	17.5	17.4	17.8	17.8
<i>ybhA</i>	15.6	15.7	15.4	15.5	15.2	15.7	15.3	15.4
<i>ybhB</i>	15.7	16.3	15.6	15.8	15.3	15.5	15.2	15.9
<i>ybhC</i>	16.8	16.6	16.8	16.8	16.5	16.4	16.7	16.6
<i>ybhD</i>	12.8	12.8	12.7	12.8	12.8	12.8	12.7	12.7
<i>ybhF</i>	14.0	13.9	14.0	14.0	14.1	14.0	14.2	14.0
<i>ybhG</i>	14.5	14.5	14.5	14.6	14.6	14.5	14.6	14.5
<i>ybhH</i>	12.7	12.7	12.6	12.9	12.8	12.7	12.7	12.6
<i>ybhI</i>	12.6	12.7	12.5	13.1	12.7	12.7	12.6	12.7
<i>ybhJ</i>	12.8	12.7	12.7	13.2	13.0	12.8	13.0	12.7
<i>ybhK</i>	14.6	14.5	14.3	14.2	14.5	14.9	14.4	14.7
<i>ybhL</i>	17.0	17.0	16.4	17.2	17.1	17.3	16.9	17.3
<i>ybhM</i>	13.2	13.3	13.1	13.0	13.1	13.3	13.0	13.0
<i>ybhN</i>	13.5	13.4	13.3	13.5	13.3	13.2	13.2	13.3
<i>ybhO</i>	14.1	14.1	13.9	14.0	13.9	13.8	13.8	13.9
<i>ybhP</i>	14.5	14.4	14.1	14.2	14.1	14.1	14.0	14.1
<i>ybhQ</i>	14.3	14.5	14.2	14.0	14.7	14.2	13.9	14.1
<i>ybhR</i>	13.9	13.8	13.6	13.4	13.7	13.9	13.7	13.7
<i>ybhS</i>	13.7	13.6	13.6	13.4	13.6	13.7	13.6	13.6
<i>ybhT</i>	16.4	16.4	16.2	15.3	16.1	16.4	15.4	16.6
<i>ybhU</i>	13.2	13.2	13.1	13.2	13.2	13.5	13.0	13.2
<i>ybiA</i>	13.8	13.9	13.6	13.9	13.7	14.2	13.6	13.7
<i>ybiB</i>	15.5	15.2	15.7	15.3	15.7	15.3	15.7	15.6
<i>ybiC</i>	17.1	16.8	16.9	16.9	16.3	16.5	16.2	16.3
<i>ybiH</i>	14.2	14.1	14.1	13.8	13.9	14.4	14.0	14.2
<i>ybiI</i>	13.8	16.6	16.2	13.4	13.6	14.2	13.8	13.5
<i>ybiJ</i>	15.3	16.1	15.7	14.5	14.3	14.2	13.7	13.7
<i>ybiO</i>	13.2	13.3	13.1	13.1	13.1	13.2	13.1	13.2
<i>ybiP</i>	13.8	13.7	13.5	13.5	13.5	13.9	13.5	13.6
<i>ybiR</i>	14.4	14.2	14.2	14.1	13.8	14.2	14.1	13.7
<i>ybiS</i>	16.8	17.0	16.6	16.6	16.7	17.0	16.9	16.9
<i>ybiT</i>	16.0	16.0	15.9	15.9	16.1	16.1	16.1	15.9
<i>ybiU</i>	14.2	14.1	13.8	13.9	13.0	13.2	13.2	13.2
<i>ybiV</i>	15.8	15.8	15.1	15.5	14.6	15.4	14.7	14.9
<i>ybiW</i>	12.8	12.8	12.7	13.1	13.0	12.9	13.0	12.8
<i>ybiX</i>	13.3	17.8	17.7	12.9	13.0	14.5	13.9	13.1
<i>ybiY</i>	12.8	12.9	12.6	13.3	13.0	12.8	12.9	12.6
<i>ybjC</i>	17.0	17.4	16.6	16.7	16.2	17.0	15.9	16.3
<i>ybjD</i>	14.2	14.0	13.9	13.8	13.8	13.8	13.8	13.8
<i>ybjE</i>	15.6	15.5	15.2	15.3	14.8	15.5	15.1	15.5
<i>ybjG</i>	15.4	15.2	15.2	14.9	15.5	15.2	15.2	15.8
<i>ybjH</i>	13.9	14.0	13.8	13.8	13.5	14.0	13.8	13.9
<i>ybjI</i>	15.1	15.1	14.6	15.0	14.8	15.2	14.5	14.8
<i>ybjJ</i>	13.9	13.9	13.7	13.8	13.7	13.9	13.7	13.6

<i>ybjK</i>	13.7	13.5	13.4	13.2	13.2	13.6	13.5	13.3
<i>ybjL</i>	14.6	14.7	14.4	14.3	14.6	15.0	14.7	14.9
<i>ybjM</i>	13.7	13.8	13.5	13.5	15.2	15.2	15.1	15.5
<i>ybjN</i>	16.0	16.0	15.6	15.5	15.8	16.2	15.8	16.1
<i>ybjO</i>	14.3	14.3	14.0	13.8	14.0	14.2	14.0	14.2
<i>ybjP</i>	16.8	16.8	16.5	16.5	16.3	16.4	16.3	16.6
<i>ybjQ</i>	16.1	16.1	15.8	15.6	16.2	16.3	15.9	16.1
<i>ybjS</i>	15.1	15.1	15.1	14.9	14.9	15.3	15.0	15.1
<i>ybjT</i>	15.0	15.0	14.7	14.8	15.0	15.2	15.1	15.1
<i>ybjX</i>	16.0	15.7	15.6	15.9	17.3	17.2	17.4	17.5
<i>ycaC</i>	16.9	17.0	16.3	16.5	16.4	16.5	15.7	16.4
<i>ycaD</i>	14.5	14.6	14.3	14.2	14.9	14.9	14.9	15.4
<i>ycaI</i>	13.1	13.1	12.9	13.4	13.2	13.1	13.0	12.9
<i>ycaK</i>	14.2	14.5	13.9	13.7	14.0	14.5	13.8	13.8
<i>ycaL</i>	13.7	13.5	13.3	13.4	13.5	13.6	13.3	13.3
<i>ycaM</i>	12.8	12.8	12.7	13.0	12.8	12.8	12.7	12.7
<i>ycaN</i>	13.8	13.8	13.4	13.5	13.7	14.3	13.7	13.8
<i>ycaO</i>	15.5	15.2	15.2	15.3	14.2	14.7	14.3	14.4
<i>ycaP</i>	14.5	14.4	14.0	13.8	14.5	14.5	14.1	14.4
<i>ycaQ</i>	14.1	13.6	13.4	13.3	13.6	13.8	13.5	13.5
<i>ycaR</i>	17.7	17.6	17.3	17.3	17.4	17.7	17.2	17.7
<i>ycbB</i>	14.9	14.9	14.7	14.6	14.8	14.8	14.7	14.8
<i>ycbC</i>	14.0	14.0	13.8	13.3	13.9	14.1	13.8	14.0
<i>ycbF</i>	13.3	13.3	13.1	13.5	13.3	13.6	13.3	13.4
<i>ycbJ</i>	13.7	13.7	13.6	13.4	15.8	15.9	15.9	15.9
<i>ycbK</i>	17.9	17.9	17.5	17.8	17.9	18.2	17.9	18.0
<i>ycbL</i>	16.5	16.6	16.5	16.7	17.0	16.8	16.8	16.8
<i>ycbU</i>	13.2	13.1	13.1	13.1	13.2	13.3	13.2	13.2
<i>ycbV</i>	13.5	13.4	13.2	13.2	13.4	13.7	13.4	13.3
<i>ycbX</i>	15.5	15.5	15.1	15.2	15.3	15.8	15.5	15.4
<i>ycbZ</i>	15.3	15.3	15.1	15.0	15.2	15.5	15.2	15.4
<i>yccA</i>	18.3	18.0	18.3	18.2	17.5	17.5	17.3	17.5
<i>yccB</i>	14.8	14.9	14.6	14.3	18.4	16.8	17.8	18.7
<i>yccE</i>	12.7	12.7	12.6	13.0	12.7	12.7	12.5	12.7
<i>yccF</i>	16.1	16.0	15.6	16.0	16.0	16.3	15.9	16.2
<i>yccJ</i>	17.4	17.4	16.9	17.2	17.8	17.9	17.6	18.2
<i>yccK</i>	15.6	15.5	15.1	15.2	15.3	15.7	14.9	15.4
<i>yccM</i>	12.9	12.9	12.8	13.1	13.7	13.9	13.7	13.8
<i>yccS</i>	14.6	14.5	14.3	14.4	14.4	14.8	14.6	14.6
<i>yccT</i>	13.7	13.8	13.4	13.5	13.4	13.9	13.4	13.6
<i>yccU</i>	15.9	16.1	16.0	15.8	15.9	16.0	15.6	15.8
<i>yccX</i>	15.1	14.5	14.7	14.9	15.1	14.5	14.6	14.9
<i>ycdF</i>	14.9	14.9	14.5	14.4	14.1	14.6	13.9	14.0
<i>ycdT</i>	13.7	13.5	13.4	13.5	13.9	14.1	13.7	13.7
<i>ycdU</i>	12.7	12.7	12.6	12.9	12.8	12.8	12.6	12.7
<i>ycdX</i>	17.0	16.9	16.7	16.9	16.9	17.0	16.7	16.7
<i>ycdY</i>	16.1	16.0	16.0	16.1	16.1	15.8	16.0	16.2
<i>ycdZ</i>	14.5	14.3	14.5	14.1	14.6	14.5	14.6	14.6
<i>yceA</i>	17.0	17.3	16.6	16.9	13.8	14.5	13.8	14.2
<i>yceB</i>	15.7	15.8	15.1	15.6	15.3	16.2	15.5	15.9
<i>yceD</i>	19.1	19.2	19.4	19.0	19.3	19.1	19.1	19.1
<i>yceF</i>	16.2	16.4	15.8	16.1	16.1	16.3	15.9	16.4
<i>yceG</i>	14.9	14.8	14.5	14.6	14.7	14.8	14.5	14.7
<i>yceH</i>	16.1	16.2	15.8	16.2	16.1	16.3	16.0	16.2
<i>yceI</i>	16.6	16.6	16.0	16.3	13.4	14.4	13.5	13.6
<i>yceJ</i>	15.0	15.1	14.5	14.3	13.0	13.6	13.0	13.1
<i>yceK</i>	13.7	13.9	14.2	13.9	13.4	13.9	13.8	14.9
<i>yceM</i>	14.9	15.0	14.8	14.7	15.0	15.1	15.1	15.1
<i>yceO</i>	13.3	13.3	13.2	13.1	13.3	13.4	13.2	13.3
<i>yceQ</i>	13.1	13.0	12.9	13.2	12.9	13.1	12.7	12.8
<i>ycfD</i>	16.0	16.0	16.0	15.9	16.1	16.1	16.0	16.1

<i>ycfH</i>	15.4	15.4	15.1	15.2	15.1	15.3	14.9	15.1
<i>ycfJ</i>	13.8	13.5	13.5	13.6	13.6	13.4	13.4	13.6
<i>ycfK</i>	12.9	12.9	12.8	13.3	12.9	13.0	12.9	12.7
<i>ycfL</i>	16.8	16.5	16.6	16.6	17.2	16.8	17.1	17.0
<i>ycfP</i>	17.1	16.5	16.6	17.0	17.7	17.4	17.3	17.4
<i>ycfQ</i>	15.3	15.4	14.9	15.0	15.0	15.7	15.2	15.3
<i>ycfS</i>	14.3	13.9	14.0	13.8	13.3	13.5	13.1	13.0
<i>ycfT</i>	12.7	12.6	12.6	12.9	12.8	12.7	12.7	12.6
<i>ycfZ</i>	13.0	12.9	12.8	12.8	12.8	12.8	12.7	12.8
<i>ycgB</i>	15.3	15.6	14.9	15.0	14.5	15.0	14.3	14.6
<i>ycgE</i>	16.1	16.2	15.5	15.8	15.8	16.1	15.3	15.5
<i>ycgF</i>	14.6	14.7	13.9	14.2	13.1	13.5	13.0	13.0
<i>ycgG</i>	12.8	12.8	12.6	13.9	12.7	12.8	12.6	12.6
<i>ycgH_1</i>	13.5	13.2	13.1	13.7	13.5	13.9	13.6	13.4
<i>ycgH_2</i>	13.9	13.7	13.6	13.6	14.1	14.2	14.0	13.9
<i>ycgI</i>	13.8	13.7	13.5	13.6	13.8	13.6	13.5	13.3
<i>ycgJ</i>	16.4	16.5	15.7	16.5	15.4	15.9	15.0	15.4
<i>ycgL</i>	16.5	16.5	16.0	16.1	16.4	16.7	15.9	16.2
<i>ycgM</i>	15.4	15.6	15.2	15.3	15.6	15.9	15.3	15.6
<i>ycgN</i>	15.3	15.5	14.8	14.8	15.2	15.7	15.0	15.5
<i>ycgR</i>	13.2	13.6	13.1	13.1	13.1	13.3	12.9	12.7
<i>ycgV</i>	13.1	13.1	12.9	13.2	13.7	13.6	13.3	13.6
<i>ycgX</i>	13.3	13.2	13.2	13.1	13.1	13.2	12.9	12.9
<i>ycgY</i>	13.0	12.9	12.8	13.1	13.0	13.2	12.9	12.9
<i>ycgZ</i>	14.8	14.6	14.3	14.1	13.3	13.4	12.9	13.1
<i>ychA</i>	16.4	16.3	15.9	16.4	16.2	16.6	16.1	16.5
<i>ychE</i>	13.3	13.4	13.2	13.2	13.8	14.1	13.8	13.9
<i>ychE_1</i>	13.6	13.6	13.5	14.1	13.8	13.5	13.5	13.5
<i>ychE_2</i>	13.6	13.6	13.6	13.6	13.2	13.4	13.3	14.0
<i>ychF</i>	17.3	17.2	17.1	17.2	16.5	16.8	16.5	16.6
<i>ychG_1</i>	13.2	13.3	13.3	13.4	13.3	13.2	13.3	13.1
<i>ychG_2</i>	12.8	12.7	12.7	12.9	12.8	12.7	12.7	12.7
<i>ychH</i>	15.4	15.6	15.9	15.5	15.9	15.9	15.5	15.5
<i>ychJ</i>	16.9	16.8	16.3	16.7	16.7	16.8	16.2	16.4
<i>ychM</i>	13.9	14.2	13.9	13.7	14.4	14.8	15.0	14.8
<i>ychN</i>	15.8	15.9	15.6	15.3	16.1	15.7	15.5	15.7
<i>ychO</i>	13.9	13.9	13.6	13.7	14.0	14.1	13.8	13.7
<i>ychQ</i>	15.9	15.9	15.4	15.5	15.7	15.9	15.4	15.9
<i>ychS</i>	12.8	12.7	12.6	12.8	12.8	12.7	12.8	12.8
<i>yciA</i>	16.6	16.1	15.6	15.9	16.3	16.3	15.6	16.1
<i>yciB</i>	16.3	16.3	15.8	15.8	16.0	16.8	16.1	16.2
<i>yciC</i>	15.8	15.9	15.5	15.6	15.6	16.1	15.6	15.9
<i>yciE</i>	14.5	14.6	14.0	14.6	13.5	14.0	13.3	13.5
<i>yciF</i>	14.6	14.7	14.0	14.4	13.6	13.9	13.3	13.4
<i>yciG</i>	15.4	15.6	14.8	15.1	14.5	15.0	13.9	14.4
<i>yciH</i>	16.6	16.5	16.0	16.4	16.0	15.8	15.5	15.6
<i>yciI</i>	17.3	17.8	17.3	16.7	17.2	17.8	17.2	17.3
<i>yciK</i>	15.4	15.5	15.2	15.0	15.3	15.8	15.4	15.6
<i>yciM</i>	15.2	15.1	14.8	14.9	15.3	15.3	15.0	15.4
<i>yciN</i>	16.3	16.3	16.0	15.5	16.1	16.6	15.5	15.9
<i>yciO</i>	16.0	16.0	15.5	15.9	15.8	16.0	15.6	16.0
<i>yciQ</i>	13.7	13.7	13.4	13.9	13.8	13.8	13.5	13.6
<i>yciS</i>	16.5	16.4	16.1	16.5	16.6	16.6	16.6	16.9
<i>yciT</i>	15.3	15.5	14.9	15.2	15.7	16.2	15.7	16.0
<i>yciU</i>	16.4	16.7	16.0	16.6	16.1	16.5	15.9	16.3
<i>yciV</i>	15.4	15.4	15.1	15.0	15.4	15.4	15.2	15.3
<i>yciW</i>	16.4	16.7	16.1	16.3	16.3	16.8	16.3	16.4
<i>yciX</i>	17.0	16.3	16.2	16.8	16.4	15.8	15.2	16.2
<i>yciY</i>	15.9	15.9	15.6	15.2	16.1	16.4	15.5	16.0
<i>yciZ</i>	16.7	16.7	16.1	16.4	17.0	17.6	16.9	17.1
<i>ycjD</i>	13.5	13.5	13.2	13.7	13.5	13.6	13.4	13.5

ycjF	14.2	14.0	14.1	14.0	14.2	14.0	14.0	14.0
ycjG	14.3	14.4	14.1	14.3	14.8	14.7	14.6	14.5
ycjM	12.7	12.7	12.6	13.2	12.8	12.7	12.7	12.6
ycjN	12.7	12.7	12.6	12.9	12.7	12.7	12.7	12.6
ycjO	12.6	12.5	12.6	12.8	12.7	12.5	12.7	12.6
ycjP	13.0	12.8	12.7	13.0	12.9	12.8	12.8	12.7
ycjQ	13.0	12.9	12.8	13.0	12.9	12.9	13.0	12.9
ycjR	12.9	12.8	12.9	12.9	13.0	13.0	13.1	12.8
ycjS	13.1	13.1	12.9	13.1	13.1	13.2	13.1	13.0
ycjT	12.8	12.8	12.7	13.0	13.0	12.9	12.9	12.8
ycjU	12.8	12.8	12.6	12.9	12.8	12.8	12.8	12.6
ycjV	12.7	12.7	12.6	13.0	12.9	12.8	12.8	12.7
ycjW	14.7	14.7	14.2	14.3	14.2	14.6	14.0	14.3
ycjX	14.6	14.5	14.4	14.3	14.5	14.5	14.4	14.5
ycjY	13.7	13.6	13.4	13.8	13.4	13.7	13.4	13.5
ycjZ	14.2	14.2	13.9	13.9	14.9	14.3	13.8	13.9
ydaC	13.0	13.0	12.8	13.0	13.0	13.2	12.8	12.8
ydaE	13.0	14.0	12.7	13.3	13.0	13.4	12.9	12.7
ydaF	13.3	13.4	13.3	13.9	13.5	13.9	13.5	13.5
ydaG	13.4	13.4	13.2	14.0	13.7	14.0	13.6	13.6
ydaL	14.8	14.9	14.8	14.3	14.6	15.0	14.6	14.7
ydaM	15.4	15.3	14.6	15.3	14.9	14.9	14.5	14.9
ydaN	15.0	15.1	14.9	14.9	15.2	15.0	14.9	15.2
ydaQ	12.9	12.9	12.8	13.2	13.2	12.9	12.9	12.8
ydaS	13.6	13.6	13.2	13.7	13.4	13.9	13.4	13.5
ydaT	13.5	13.4	13.1	13.6	13.5	13.5	13.3	13.3
ydaU	13.2	13.2	13.0	13.3	13.2	13.4	13.1	13.0
ydaV	13.0	13.0	12.9	13.3	13.1	13.0	13.1	12.8
ydaW	13.4	13.4	13.1	13.3	13.4	13.5	13.3	13.3
ydaY	13.2	13.2	13.0	13.2	13.4	13.4	13.1	13.3
ydbA_1	13.5	13.5	13.4	13.4	13.7	14.0	13.9	13.4
ydbA_2	14.5	14.5	14.2	14.4	14.9	14.8	14.5	14.4
ydbC	14.2	14.1	14.1	13.7	14.2	14.0	14.2	14.3
ydbD	12.7	12.8	12.6	12.9	12.9	12.9	12.7	12.6
ydbH	13.9	13.8	13.6	13.5	13.8	13.9	13.6	13.7
ydbJ	16.3	16.1	16.3	16.0	17.0	16.7	16.6	17.4
ydbK	15.7	14.8	16.0	15.5	14.6	14.0	14.7	15.0
ydbL	14.9	14.7	14.3	14.6	14.7	15.0	14.2	14.5
ydcA	15.4	14.8	15.0	15.1	16.1	15.8	15.4	15.9
ydcC	13.1	13.0	12.8	13.3	13.3	13.2	12.9	12.8
ydcD	13.1	13.1	13.0	13.6	13.0	13.2	12.8	12.8
ydcF	15.5	15.7	15.5	15.2	15.4	15.8	15.5	15.5
ydcH	14.7	14.7	14.7	13.9	14.6	15.1	14.2	14.5
ydcI	15.9	15.8	15.7	15.9	12.8	12.8	12.8	13.0
ydcJ	13.4	13.3	13.2	13.3	13.1	13.1	13.1	13.0
ydcK	14.3	14.4	13.8	14.0	14.0	14.2	13.7	14.0
ydcL	15.9	15.7	15.3	15.9	15.8	15.7	15.2	15.7
ydcM	14.3	14.3	13.9	14.1	14.3	14.5	14.1	14.3
ydcN	14.6	14.6	14.4	13.7	14.5	14.8	14.4	14.5
ydcO	13.2	13.2	13.2	13.1	13.2	13.5	13.2	12.9
ydcP	15.4	15.1	15.0	15.3	15.2	15.3	15.1	15.4
ydcR	14.5	14.4	14.1	14.3	13.9	14.1	13.8	14.0
ydcS	13.6	13.6	13.5	13.4	13.2	13.3	13.2	13.1
ydcT	13.2	13.3	13.1	13.4	13.1	13.0	13.0	12.8
ydcU	13.1	13.1	13.0	13.0	12.9	13.1	12.9	13.0
ydcV	13.3	13.2	13.2	13.4	13.2	13.0	12.9	12.8
ydcW	14.2	14.3	13.9	14.3	13.8	13.7	13.6	13.5
ydcX	15.8	15.9	15.1	15.1	13.4	14.3	13.6	13.9
ydcY	16.6	16.5	16.5	15.9	16.4	16.6	16.1	16.5
ydcZ	14.7	14.7	14.3	14.3	15.1	15.3	15.1	15.7
ydda	12.9	14.9	14.6	12.9	12.7	16.4	14.7	12.6

yddb	13.4	15.9	15.8	13.2	12.8	17.3	15.8	12.8
yddE	14.8	14.8	14.4	14.5	14.7	15.0	14.7	14.9
yddG	14.9	14.9	14.4	14.4	15.0	15.5	14.8	14.9
yddH	13.4	13.5	13.4	14.8	13.6	13.4	13.4	13.3
yddJ	12.7	12.7	12.5	13.2	12.8	12.7	12.6	12.8
yddK	12.5	12.6	12.3	12.7	12.5	12.6	12.3	12.5
yddL	12.9	12.8	12.8	13.3	13.0	13.0	12.8	12.8
yddM	14.9	15.0	14.5	14.6	14.4	15.3	14.4	14.8
yddW	14.8	14.7	14.7	14.5	14.5	14.6	14.7	14.8
ydeA	14.9	15.2	14.5	14.3	14.4	15.2	14.6	14.8
ydeE	13.5	13.4	13.3	13.4	13.2	13.6	13.3	13.3
ydeH	13.8	13.7	13.5	13.5	13.7	14.2	13.7	13.5
ydeI	14.2	14.4	13.7	14.1	14.1	14.5	13.8	14.2
ydeJ	13.3	13.4	13.1	13.4	13.8	13.5	13.1	13.1
ydeK	13.4	13.4	13.2	13.6	14.0	13.7	13.6	13.5
ydeM	12.8	12.8	12.7	13.0	12.8	12.8	12.6	12.7
ydeN	13.7	13.1	13.4	13.2	13.0	13.0	12.9	12.8
ydeO	12.9	12.9	12.8	12.8	12.9	13.0	12.9	12.8
ydeP	13.1	13.2	13.1	14.3	13.2	13.5	13.1	13.0
ydeQ	12.6	12.6	12.5	13.2	12.7	12.6	12.6	12.6
ydeR	12.8	12.9	12.6	12.9	12.9	12.9	12.7	12.8
ydeS	12.6	12.7	12.6	13.8	12.7	12.8	12.6	12.6
ydeT	12.6	12.7	12.5	13.0	12.7	12.8	12.5	12.6
ydeU	13.6	13.6	13.4	13.7	13.9	13.8	13.9	13.8
ydfA	13.5	13.5	13.2	12.9	13.6	13.5	13.4	13.1
ydfB	14.2	14.3	13.7	13.7	14.0	14.3	13.8	13.9
ydfD	13.0	13.2	13.0	13.1	13.0	13.2	13.0	13.1
ydfE	14.0	14.2	13.7	13.9	14.1	14.2	13.9	14.1
ydfG	17.2	16.8	16.9	17.2	17.4	16.8	17.2	17.5
ydfH	15.6	15.7	15.2	15.4	15.7	16.3	15.8	16.2
ydfI	13.2	13.3	12.9	13.4	13.0	13.3	13.0	13.0
ydfJ	12.8	12.8	12.6	13.0	12.8	12.9	12.7	12.6
ydfK	13.4	13.5	13.2	13.7	13.5	13.6	13.3	13.0
ydfN	12.9	12.9	12.7	12.9	12.8	12.9	12.8	12.7
ydfO	12.8	12.8	12.8	13.0	12.9	13.1	12.8	12.9
ydfP	12.9	13.0	12.7	13.4	12.9	12.9	12.8	12.7
ydfQ	12.9	13.0	12.8	13.2	13.1	12.9	12.9	12.8
ydfR	13.2	13.2	13.0	13.3	13.2	13.3	13.1	12.9
ydfT	13.7	13.7	13.3	13.5	13.8	13.7	13.3	13.4
ydfU	12.7	12.7	12.6	13.1	12.8	12.7	12.7	12.6
ydfV	12.9	12.9	13.0	12.9	12.9	13.0	12.8	13.0
ydfW	13.4	13.4	13.1	13.3	13.2	13.5	13.0	13.1
ydfX	13.1	13.2	13.0	13.5	13.1	13.2	13.1	13.0
ydfZ	15.0	14.3	14.7	13.9	20.4	20.0	20.1	19.9
ydgA	17.0	16.8	16.5	17.0	17.0	16.9	16.7	16.9
ydgC	15.6	15.5	15.1	15.0	13.8	14.6	14.0	14.4
ydgD	14.8	14.7	14.4	14.7	14.6	14.8	14.5	14.9
ydgH	17.3	17.3	17.0	17.1	17.2	17.4	17.2	17.6
ydgI	13.4	13.3	13.3	13.2	13.4	13.6	13.6	13.4
ydgJ	15.7	15.7	15.5	15.5	15.5	15.4	15.4	15.5
ydgK	15.3	15.2	15.0	14.6	15.7	15.8	15.5	16.0
ydgU	13.2	13.2	13.0	13.1	13.2	13.1	13.0	13.4
ydhB	13.6	13.7	13.4	13.3	13.5	13.6	13.4	13.4
ydhC	13.6	13.6	13.5	13.2	13.3	13.5	13.4	13.6
ydhF	15.7	15.7	15.4	15.5	15.8	15.8	15.7	15.8
ydhI	13.9	13.7	13.5	13.0	13.6	13.9	13.6	13.8
ydhJ	13.5	13.5	13.3	13.5	13.4	13.5	13.3	13.3
ydhK	13.1	12.9	12.9	13.2	13.0	13.0	13.1	12.9
ydhL	14.2	14.3	13.8	13.6	14.1	14.4	13.8	14.2
ydhO	15.8	15.7	15.5	15.5	15.5	15.9	15.3	15.4
ydhP	14.2	14.3	14.0	13.8	13.6	13.8	13.5	13.5

<i>ydhQ</i>	16.2	16.0	15.9	16.1	16.7	16.1	16.1	16.2
<i>ydhR</i>	18.0	18.1	17.6	17.2	17.8	18.1	17.5	18.0
<i>ydhS</i>	14.6	14.6	14.2	14.3	14.3	14.4	14.1	14.4
<i>ydhT</i>	13.1	13.1	12.9	12.9	13.5	13.2	13.2	13.2
<i>ydhU</i>	13.3	13.2	13.1	13.2	13.6	13.4	13.3	13.5
<i>ydhV</i>	12.8	12.7	12.6	12.9	13.7	12.9	12.8	13.6
<i>ydhW</i>	13.3	13.4	13.1	13.3	13.7	13.5	13.4	13.7
<i>ydhX</i>	13.0	13.0	12.8	13.6	13.5	13.2	13.0	13.4
<i>ydhY</i>	12.8	12.8	12.6	13.1	14.3	12.8	12.9	14.1
<i>ydhZ</i>	15.3	14.7	14.4	14.8	14.7	15.0	14.0	14.6
<i>ydiB</i>	13.5	13.4	13.6	13.6	13.7	13.6	13.3	13.3
<i>ydiE</i>	13.8	16.6	16.2	13.6	13.1	16.7	15.8	13.0
<i>ydiF</i>	12.8	12.9	12.8	13.0	13.0	12.9	12.8	12.7
<i>ydiH</i>	17.6	17.9	17.1	16.8	18.3	18.8	18.1	18.5
<i>ydiI</i>	16.3	15.3	16.0	16.1	16.5	15.7	16.3	16.6
<i>ydiJ</i>	16.9	15.5	16.8	16.9	17.1	15.9	17.2	17.1
<i>ydiK</i>	15.0	15.0	14.9	14.8	15.3	15.4	15.4	15.5
<i>ydiL</i>	12.8	12.8	12.8	13.0	13.0	13.1	12.8	13.1
<i>ydiM</i>	12.6	12.6	12.5	13.0	12.7	12.7	12.6	12.6
<i>ydiN</i>	12.6	12.7	12.5	12.7	12.7	12.7	12.6	12.6
<i>ydiO</i>	12.9	13.0	12.8	13.2	13.0	13.0	12.9	12.8
<i>ydiP</i>	13.8	13.9	13.6	13.7	14.1	14.2	13.8	13.8
<i>ydiQ</i>	13.1	13.2	12.9	12.9	13.2	13.1	13.1	13.0
<i>ydiR</i>	13.3	13.2	13.1	13.5	13.4	13.3	13.3	13.2
<i>ydiS</i>	12.9	12.9	12.9	13.0	13.1	13.0	13.0	12.9
<i>ydiT</i>	13.0	12.9	12.9	13.0	13.1	12.9	12.9	12.9
<i>ydiU</i>	15.2	15.4	14.7	15.1	13.5	13.6	13.3	13.5
<i>ydiV</i>	14.2	14.0	13.8	13.7	14.4	14.1	13.8	14.2
<i>ydiY</i>	14.9	14.9	14.7	14.4	14.6	14.9	14.6	14.4
<i>ydiZ</i>	16.8	16.8	16.3	16.5	17.1	17.2	16.6	16.8
<i>ydjA</i>	16.5	16.6	16.5	16.5	16.0	16.2	15.9	15.5
<i>ydjE</i>	12.7	12.7	12.6	12.8	12.9	12.7	12.7	12.7
<i>ydjF</i>	14.4	14.4	13.9	14.4	14.2	14.4	13.7	14.0
<i>ydjG</i>	13.4	13.3	13.1	13.2	13.4	13.5	13.2	13.2
<i>ydjH</i>	13.1	13.0	12.8	13.1	13.2	13.2	13.0	12.9
<i>ydjI</i>	13.1	13.1	12.9	13.3	13.2	13.2	13.1	12.9
<i>ydjJ</i>	12.9	12.9	12.8	13.6	13.0	13.1	12.9	12.8
<i>ydjK</i>	12.7	12.7	12.6	13.5	12.9	12.8	12.7	12.7
<i>ydjL</i>	12.8	12.8	12.8	13.1	13.1	13.0	12.9	12.9
<i>ydjM</i>	13.1	13.2	13.1	13.0	12.9	13.0	12.9	12.9
<i>ydjN</i>	18.0	17.9	18.0	17.9	17.8	18.0	17.9	18.0
<i>ydjO</i>	12.7	12.7	12.6	12.8	12.7	12.8	12.8	12.6
<i>ydjX</i>	13.2	13.0	13.1	13.3	16.4	16.3	16.4	16.6
<i>ydjY</i>	13.5	13.4	13.3	13.2	16.8	16.2	16.5	16.7
<i>ydjZ</i>	13.7	13.6	13.6	13.5	15.6	15.7	15.8	16.2
<i>yeaC</i>	18.4	17.2	18.0	18.4	15.5	15.5	15.4	15.7
<i>yeaD</i>	17.1	16.8	16.8	17.1	16.8	17.2	17.0	16.8
<i>yeaE</i>	14.3	14.2	14.0	14.2	14.6	14.4	14.3	14.6
<i>yeaG</i>	16.3	16.5	15.9	16.2	15.6	15.9	15.4	15.8
<i>yeaH</i>	14.9	15.0	14.6	14.9	14.4	14.7	14.2	14.5
<i>yeaI</i>	12.6	12.5	12.4	12.8	12.8	12.9	12.7	12.8
<i>yeaJ</i>	13.9	13.8	13.6	13.3	13.5	14.0	13.5	13.6
<i>yeaK</i>	16.1	16.1	15.6	15.5	16.0	16.5	15.9	16.2
<i>yeaL</i>	14.1	14.0	13.8	13.7	14.2	14.3	14.3	14.5
<i>yeaM</i>	13.8	13.8	13.6	13.4	13.7	13.9	13.7	13.7
<i>yeaN</i>	13.1	13.2	13.2	13.0	13.1	13.5	13.4	13.1
<i>yeaO</i>	15.5	15.7	15.0	15.0	15.3	16.1	15.2	15.5
<i>yeaP</i>	15.8	16.0	15.5	15.7	15.4	16.0	15.3	15.4
<i>yeaQ</i>	18.7	18.0	17.9	18.1	18.2	17.8	17.4	18.5
<i>yeaR</i>	13.6	13.7	13.4	13.3	13.0	13.0	13.0	13.0
<i>yeaV</i>	12.6	12.6	12.6	13.3	12.7	12.5	12.6	12.5

<i>yeaW</i>	12.9	12.9	12.8	12.9	12.9	12.9	12.9	12.7
<i>yeaX</i>	13.0	12.9	12.9	13.0	13.1	13.0	13.0	12.9
<i>yeaY</i>	15.1	15.0	14.8	14.7	15.1	14.8	14.7	14.9
<i>yeaZ</i>	15.2	15.0	15.0	14.9	14.9	14.8	14.8	15.0
<i>yebA</i>	14.9	14.7	14.7	14.6	14.5	14.7	14.5	14.6
<i>yebB</i>	12.8	12.8	12.8	12.9	12.9	12.9	12.8	12.8
<i>yebC</i>	17.5	17.6	17.3	17.5	17.9	17.8	17.7	17.7
<i>yebE</i>	14.2	14.1	13.9	13.7	14.2	14.4	13.9	14.1
<i>yebF</i>	17.4	17.2	17.0	17.0	15.8	16.1	15.3	16.0
<i>yebG</i>	16.3	16.9	16.5	15.8	16.0	16.4	15.6	16.0
<i>yebK</i>	15.6	15.2	15.0	15.1	15.6	15.8	15.5	15.8
<i>mntP</i>	14.0	13.0	13.0	13.5	13.3	13.2	13.0	13.5
<i>yebO</i>	16.3	16.4	15.5	16.3	15.6	16.1	15.2	15.9
<i>yebQ</i>	13.0	13.3	13.0	13.1	12.9	13.1	12.9	12.9
<i>yebR</i>	17.7	17.7	17.1	17.5	17.4	17.7	17.0	17.1
<i>yebS</i>	14.0	14.1	13.6	13.4	13.8	14.1	13.6	13.8
<i>yebT</i>	14.2	14.2	14.0	14.1	14.1	14.2	14.0	14.0
<i>yebV</i>	16.7	16.7	16.5	16.2	17.0	16.9	16.4	17.4
<i>yebW</i>	15.9	16.1	15.4	15.4	16.0	16.4	15.5	16.0
<i>yebY</i>	16.7	16.6	16.1	16.5	15.7	16.1	15.5	15.6
<i>yebZ</i>	16.3	16.3	16.0	16.3	15.1	15.4	14.9	15.0
<i>yecA</i>	15.8	15.9	15.4	15.5	16.1	16.1	15.7	15.9
<i>yecC</i>	15.4	15.5	15.1	15.4	15.2	15.5	15.2	15.4
<i>yecD</i>	15.5	15.5	15.2	15.1	15.4	15.7	15.6	15.5
<i>yecE</i>	14.1	14.0	13.8	13.7	13.6	14.2	14.0	14.0
<i>yecF</i>	15.3	14.8	14.8	14.2	14.5	15.3	14.2	14.7
<i>yecH</i>	13.5	13.4	13.2	12.9	15.7	16.3	15.3	15.6
<i>yecJ</i>	17.4	17.5	16.4	17.4	15.7	16.5	15.2	16.1
<i>yecM</i>	15.4	15.4	15.1	15.1	15.3	15.6	15.1	15.4
<i>yecN</i>	16.9	16.9	16.4	16.4	16.5	17.1	16.5	16.7
<i>yecR</i>	13.1	13.4	13.1	13.1	13.0	13.2	13.0	12.8
<i>yecS</i>	16.1	16.3	15.9	16.0	15.9	16.4	16.1	16.3
<i>yecT</i>	13.2	13.2	12.8	13.1	13.2	13.1	12.7	12.8
<i>yedA</i>	13.2	13.9	13.3	13.2	13.4	13.3	13.1	13.0
<i>yedD</i>	16.5	16.2	16.5	16.2	16.8	16.3	16.6	16.4
<i>yedE</i>	16.0	15.8	16.3	15.8	16.6	16.3	16.7	16.6
<i>yedF</i>	15.5	15.4	15.5	15.5	15.9	15.9	16.0	16.2
<i>yedI</i>	15.1	15.3	14.9	14.8	15.6	15.5	15.3	15.3
<i>yedJ</i>	15.4	15.6	14.9	15.2	15.5	15.6	15.3	15.6
<i>yedK</i>	13.5	13.4	13.3	13.3	13.5	13.6	13.5	13.5
<i>yedL</i>	14.7	14.5	14.0	14.2	13.8	14.6	13.8	14.0
<i>yedM</i>	12.9	12.8	12.6	12.9	12.8	12.9	12.6	12.9
<i>yedN_1</i>	12.7	12.8	12.6	12.9	12.8	12.8	12.6	12.9
<i>yedN_2</i>	13.0	13.0	12.9	13.4	13.0	13.0	12.8	13.2
<i>yedP</i>	14.3	14.5	14.0	14.0	14.1	14.3	14.0	14.2
<i>yedQ</i>	14.1	14.2	13.9	13.7	14.0	14.4	14.0	14.3
<i>yedR</i>	15.4	15.4	15.3	14.8	15.7	15.7	15.6	15.5
<i>yedS_1</i>	13.9	13.5	14.0	14.0	14.2	13.6	13.7	13.3
<i>yedS_2</i>	13.5	13.4	13.2	13.3	13.2	13.5	13.3	13.3
<i>yedS_3</i>	14.7	15.0	15.4	15.0	15.4	14.2	15.1	13.7
<i>yedV</i>	14.3	14.3	13.6	14.1	13.6	14.0	13.3	13.6
<i>yedW</i>	14.9	15.0	14.4	14.7	14.6	14.9	14.1	14.3
<i>yedX</i>	13.6	13.6	13.4	13.2	13.2	13.5	13.0	12.9
<i>yedY</i>	14.1	14.0	13.8	13.6	13.8	14.2	13.9	14.0
<i>yedZ</i>	13.8	13.8	13.6	13.2	13.6	13.9	13.7	13.8
<i>yeeA</i>	14.8	14.8	14.4	15.1	14.8	15.2	14.6	14.7
<i>yeeD</i>	16.9	18.4	17.6	16.6	16.6	17.8	16.5	17.2
<i>yeeE</i>	16.2	17.7	17.2	16.1	16.5	17.0	16.4	16.6
<i>yeeF</i>	16.8	16.6	17.0	16.8	15.5	15.6	15.6	15.8
<i>yeeJ</i>	13.2	13.2	13.0	13.2	13.2	13.2	13.0	13.0
<i>yeeL_1</i>	13.6	13.7	13.1	13.9	14.1	13.8	13.6	13.0

yeeL_2	12.9	12.8	12.7	13.8	12.9	12.9	12.7	12.7
yeeN	17.2	17.2	16.6	16.9	17.0	17.2	16.4	16.7
yeeO	13.5	13.5	13.4	13.6	13.8	13.9	13.7	13.7
yeeP	12.8	12.8	12.8	13.4	12.9	12.9	13.0	12.9
yeeR	13.8	13.4	13.2	13.6	13.5	13.3	13.3	13.2
yeeS	13.0	12.8	12.8	13.3	13.2	12.8	13.1	12.6
yeeT	12.9	12.8	12.8	12.9	12.9	12.9	12.9	12.9
yeeU	12.7	12.7	12.6	13.3	12.7	12.7	12.6	12.7
yeeV	12.7	12.8	12.6	12.7	12.8	12.7	12.7	12.7
yeeW	13.8	13.8	13.6	13.4	13.7	14.0	13.6	13.5
yeeX	18.9	18.9	18.5	18.6	19.2	19.6	19.2	19.1
yeeY	13.8	13.9	13.5	13.4	13.7	14.1	13.7	13.9
yeeZ	16.4	16.5	16.3	16.2	16.7	17.0	16.7	16.8
yefM	16.8	17.0	16.2	16.3	16.9	17.2	16.3	16.7
yegD	13.5	13.4	13.3	13.5	13.2	13.3	13.2	13.0
yegE	13.8	13.9	13.6	13.5	13.5	13.8	13.3	13.4
yegH	14.7	14.9	14.6	14.3	14.8	15.4	15.1	15.0
yegI	13.1	13.1	12.9	13.5	13.2	13.1	13.0	12.9
yegJ	13.2	13.1	13.0	13.4	13.1	13.1	13.0	12.9
yegK	12.9	13.0	12.9	13.5	13.5	12.9	13.2	12.7
yegL	12.8	12.9	12.8	13.0	13.0	12.8	12.8	12.6
yegP	17.4	17.7	16.7	17.2	16.9	17.1	16.2	17.2
yegQ	15.6	15.6	15.7	15.5	15.1	15.2	15.2	15.2
yegR	13.7	13.5	13.4	13.5	13.3	13.5	13.2	14.1
yegS	14.8	14.9	14.3	14.3	14.5	14.6	14.1	14.4
yegT	13.2	13.1	13.0	13.1	13.2	13.3	13.1	13.2
yegU	13.4	13.4	13.3	13.2	13.3	13.5	13.6	13.5
yegV	13.1	13.1	13.0	13.4	13.0	13.2	13.2	13.0
yegW	14.6	14.6	14.2	14.2	14.6	14.9	14.4	14.5
yegX	14.3	14.5	13.9	14.1	14.1	14.4	14.0	14.1
yegZ	13.3	13.2	13.2	13.8	13.3	13.3	13.2	13.1
yehA	12.7	12.7	12.6	13.1	12.8	12.8	12.6	12.6
yehB	12.8	12.8	12.6	13.1	12.9	12.9	12.8	12.7
yehC	12.6	12.6	12.5	12.8	12.8	12.8	12.6	12.7
yehD	12.8	12.8	12.6	12.8	13.5	14.1	13.5	13.3
yehE	16.4	16.5	15.7	15.7	15.9	16.4	15.4	16.2
yehI	13.0	13.0	12.8	13.1	12.9	13.0	12.9	12.9
yehK	12.7	12.7	12.6	13.0	12.8	12.7	12.5	12.6
yehL	12.8	12.9	12.7	12.7	12.8	12.8	12.8	12.6
yehM	12.8	12.7	12.6	12.9	12.8	12.7	12.7	12.6
yehP	12.9	12.9	12.7	13.3	12.9	12.9	12.8	12.8
yehQ	12.9	12.9	12.8	13.0	13.6	12.9	12.9	12.8
yehR	13.2	12.9	12.8	13.2	12.9	13.0	12.9	12.9
yehS	14.9	15.0	14.4	14.7	14.4	15.0	14.3	14.7
yehT	14.4	14.3	14.3	14.1	14.3	14.4	14.2	14.1
yehU	13.9	13.8	13.9	13.8	13.6	13.8	13.6	13.5
yehW	13.6	13.6	13.4	13.2	13.7	13.5	13.5	13.5
yehX	14.0	14.0	13.6	13.9	13.8	13.8	13.6	13.9
yehY	13.7	13.7	13.5	13.9	13.6	13.5	13.5	13.5
yeiB	14.9	15.3	14.9	14.6	13.9	14.3	14.0	14.1
yeiE	14.2	14.3	14.0	14.0	13.9	14.0	14.0	14.1
yeiG	16.4	16.0	16.2	16.2	15.7	15.9	15.8	15.7
yeiH	13.9	14.4	13.7	14.0	13.8	14.0	13.9	13.9
yeiI	14.2	14.4	14.1	14.1	14.0	14.2	14.1	14.2
yeiL	13.0	12.9	12.8	13.0	12.9	13.0	12.8	12.8
yeiM	13.0	13.1	12.9	13.4	13.1	13.2	13.1	13.1
yeiP	17.0	17.0	16.9	16.9	16.7	16.7	16.5	16.5
yeiQ	13.7	13.4	13.4	13.3	12.9	13.0	12.8	12.8
yeiR	14.3	14.5	14.4	14.1	13.9	14.1	14.0	14.0
yeiS	15.0	14.7	14.4	14.3	14.8	14.7	14.2	14.9
yeiW	13.0	13.1	12.9	13.0	12.9	13.0	12.8	12.9

<i>yejA</i>	14.1	14.1	13.9	14.6	14.0	14.3	13.8	14.1
<i>yejB</i>	13.7	13.7	13.6	13.2	13.6	13.8	13.6	13.7
<i>yejE</i>	13.7	13.7	13.6	13.3	13.5	13.8	13.6	13.8
<i>yejF</i>	14.1	14.1	13.8	13.7	13.8	14.1	13.8	14.1
<i>yejG</i>	16.0	16.1	15.7	15.6	13.5	13.8	13.4	13.6
<i>yejH</i>	14.0	13.9	13.7	13.5	13.7	14.0	13.7	13.8
<i>yejK</i>	16.5	16.5	16.1	16.3	16.0	16.4	16.0	16.0
<i>yejL</i>	17.1	17.2	17.0	16.9	16.8	17.3	17.1	17.0
<i>yejM</i>	15.0	15.0	14.9	14.7	14.8	15.3	15.1	15.2
<i>yejO</i>	14.1	14.2	13.8	13.7	14.2	14.4	13.9	14.0
<i>yfaA</i>	12.9	12.8	12.7	13.1	13.1	12.9	12.8	12.8
<i>yfaD</i>	14.9	15.2	14.6	14.9	14.9	15.2	14.6	15.0
<i>yfaE</i>	15.0	15.0	15.1	15.0	14.1	14.4	14.6	14.3
<i>yfaH</i>	12.8	12.9	12.7	13.4	12.8	12.7	12.7	12.8
<i>yfaL</i>	13.5	13.5	13.3	13.5	13.7	13.7	13.6	13.5
<i>yfaP</i>	12.8	12.9	12.7	12.9	12.9	12.8	12.8	12.8
<i>yfaQ</i>	12.7	12.7	12.6	12.9	12.9	12.8	12.8	12.7
<i>yfaS_1</i>	12.7	12.7	12.6	12.9	12.8	12.7	12.7	12.6
<i>yfaS_2</i>	13.1	13.0	12.9	13.3	13.1	13.2	13.1	12.9
<i>yfaT</i>	12.7	12.6	12.6	12.9	12.8	12.6	12.8	12.5
<i>yfaU</i>	13.3	13.4	13.2	13.0	13.4	13.4	13.4	13.1
<i>yfaV</i>	13.1	13.2	13.0	13.2	13.2	13.2	13.1	13.0
<i>yfaW</i>	12.8	12.8	12.7	13.2	12.8	12.7	12.7	12.7
<i>yfaX</i>	12.7	12.7	12.6	13.0	12.8	12.7	12.6	12.6
<i>yfaY</i>	14.7	14.8	14.6	14.4	14.8	15.1	15.0	15.0
<i>yfaZ</i>	14.5	14.0	14.1	13.9	14.0	13.8	13.8	13.9
<i>yfbK</i>	12.8	12.8	12.7	13.0	12.8	12.8	12.7	12.6
<i>yfbL</i>	12.7	12.7	12.6	12.9	12.7	12.8	12.7	12.7
<i>yfbM</i>	12.8	12.8	12.7	12.8	13.3	13.5	13.2	13.2
<i>yfbN</i>	12.9	12.9	12.6	13.6	12.8	12.8	12.6	12.7
<i>yfbO</i>	13.3	13.1	13.0	13.1	13.1	13.2	12.9	12.9
<i>yfbP</i>	13.3	13.2	13.1	13.1	13.1	13.3	13.0	13.0
<i>yfbR</i>	14.9	15.0	14.6	14.4	14.4	15.1	14.5	14.8
<i>yfbS</i>	13.7	13.6	13.4	13.6	14.2	14.3	14.3	14.3
<i>yfbT</i>	16.0	16.1	16.0	15.8	16.6	16.6	16.7	16.6
<i>yfbU</i>	17.9	18.0	17.5	17.6	18.4	18.6	18.3	18.1
<i>yfbV</i>	16.1	15.6	15.8	15.6	16.1	16.1	16.0	16.1
<i>yfcA</i>	15.4	15.3	15.1	15.2	15.5	15.4	15.3	15.3
<i>yfcC</i>	12.6	12.7	12.6	12.8	13.7	13.7	14.0	13.9
<i>yfcD</i>	16.9	16.7	16.6	16.5	16.4	16.5	16.3	16.4
<i>yfcE</i>	16.5	16.6	16.2	16.6	16.4	16.4	16.1	16.4
<i>yfcF</i>	14.8	14.9	14.4	14.5	14.5	14.7	14.2	14.7
<i>yfcG</i>	14.5	14.4	14.0	13.8	14.0	14.2	13.7	14.1
<i>yfcH</i>	16.0	15.8	15.8	16.0	15.1	15.6	15.3	15.3
<i>yfcI</i>	13.6	13.7	13.3	13.3	13.4	13.8	13.2	13.2
<i>yfcJ</i>	13.2	13.2	13.1	13.1	13.2	13.2	13.3	13.1
<i>yfcL</i>	15.9	15.8	15.3	15.8	14.8	15.4	14.8	15.3
<i>yfcM</i>	15.6	15.6	15.4	15.3	15.8	15.6	15.5	15.7
<i>yfcN</i>	14.9	15.0	14.7	14.9	15.4	15.5	15.1	15.5
<i>yfcO</i>	14.7	14.8	14.4	14.2	14.8	15.0	14.5	14.7
<i>yfcP</i>	12.9	12.9	12.8	13.5	12.9	13.0	12.9	13.2
<i>yfcQ</i>	12.8	12.9	12.7	13.1	12.8	13.0	12.8	13.1
<i>yfcR</i>	12.8	12.9	12.7	13.0	12.9	12.9	12.9	12.8
<i>yfcS</i>	12.6	12.6	12.6	12.8	12.7	12.9	12.7	12.7
<i>yfcT</i>	12.8	12.9	12.7	13.2	13.0	12.8	12.9	12.6
<i>yfcU</i>	13.1	13.1	12.9	13.0	13.3	13.4	13.2	13.1
<i>yfcV</i>	12.6	12.7	12.5	12.8	12.8	12.7	12.6	12.7
<i>yfcZ</i>	15.2	15.1	14.8	14.7	16.0	16.5	15.7	16.7
<i>yfdC</i>	14.1	14.1	13.8	13.9	13.9	13.9	13.7	13.8
<i>yfdE</i>	12.8	12.8	12.7	12.8	12.8	12.9	12.7	12.7
<i>yfdF</i>	12.8	12.8	12.6	12.8	12.7	12.7	12.5	12.5

<i>yfdG</i>	16.4	16.4	15.9	16.0	15.8	16.0	15.6	16.1
<i>yfdH</i>	17.0	16.8	16.3	16.8	16.6	16.3	15.7	16.0
<i>yfdI</i>	15.6	15.4	15.3	15.9	14.9	14.2	13.9	14.3
<i>yfdK</i>	13.2	13.3	13.1	13.7	13.3	13.6	13.1	13.1
<i>yfdL</i>	12.8	12.8	12.7	13.1	12.9	12.8	12.7	12.7
<i>yfdM</i>	12.8	12.8	12.7	13.1	12.9	12.7	12.8	12.7
<i>yfdN</i>	12.6	12.6	12.5	12.8	12.7	12.6	12.7	12.6
<i>yfdO</i>	12.9	12.9	12.8	13.1	13.0	12.8	13.0	12.9
<i>yfdP</i>	13.0	13.1	12.9	13.2	13.1	13.1	12.9	12.9
<i>yfdQ</i>	13.4	13.5	13.1	13.3	13.2	13.7	13.2	13.1
<i>yfdR</i>	12.7	12.7	12.5	12.9	12.8	12.7	12.6	12.7
<i>yfdS</i>	13.2	13.2	12.9	15.5	13.7	13.0	13.2	12.8
<i>yfdT</i>	13.0	13.1	12.8	12.9	13.0	13.1	12.8	12.9
<i>yfdV</i>	12.7	12.9	12.7	12.7	13.1	12.8	12.6	12.6
<i>yfdX</i>	13.4	13.3	13.1	13.4	13.3	13.6	13.0	12.9
<i>yfdY</i>	15.8	15.8	15.5	15.1	15.8	16.3	15.6	16.2
<i>yfeA</i>	14.3	14.2	13.9	13.8	14.0	14.4	13.9	14.2
<i>yfeC</i>	14.7	14.5	14.4	14.0	15.0	15.2	14.7	14.6
<i>yfeD</i>	14.9	14.8	14.4	14.6	14.7	15.3	14.6	14.8
<i>yfeH</i>	14.3	14.4	14.1	14.0	14.1	14.4	14.1	14.4
<i>yfeK</i>	14.3	14.7	14.1	13.7	14.5	14.3	14.0	14.4
<i>yfeN</i>	13.3	13.3	13.0	13.0	13.1	13.3	13.0	13.2
<i>yfeO</i>	13.2	13.2	13.1	12.8	13.1	13.3	13.2	13.3
<i>yfeR</i>	13.4	13.4	13.2	13.4	13.3	13.4	13.3	13.2
<i>yfeS</i>	13.7	13.7	13.3	13.2	13.7	13.6	13.3	13.5
<i>yfeW</i>	13.2	13.2	13.1	13.4	13.2	13.3	13.2	13.1
<i>yfeX</i>	15.2	15.0	15.4	14.8	16.3	15.7	16.2	16.1
<i>yfeY</i>	15.5	15.6	15.2	15.1	15.7	15.5	15.3	15.6
<i>yfeZ</i>	15.3	15.3	15.0	15.2	15.2	15.2	15.2	15.5
<i>yffB</i>	16.2	16.1	15.9	15.8	16.0	16.3	15.9	15.9
<i>yffL</i>	14.0	13.9	13.6	13.8	13.7	13.9	13.3	13.3
<i>yffM</i>	13.0	13.1	12.9	13.0	12.9	13.1	12.9	13.0
<i>yffN</i>	13.2	13.2	13.0	13.6	13.1	13.3	13.1	13.1
<i>yffO</i>	13.9	13.9	13.5	13.9	13.7	13.9	13.6	13.6
<i>yffP</i>	13.5	13.5	13.3	13.2	13.3	13.5	13.4	13.3
<i>yffQ</i>	14.2	13.7	13.8	13.9	13.8	13.9	13.6	13.5
<i>yffR</i>	15.4	15.1	15.1	15.1	15.2	15.4	14.8	15.1
<i>yffS</i>	15.5	15.5	15.2	15.5	15.8	15.5	15.0	15.1
<i>yfgC</i>	15.7	15.7	15.6	15.5	15.8	15.9	15.7	15.8
<i>yfgD</i>	16.2	16.2	16.0	15.8	15.8	15.8	15.4	15.9
<i>yfgF</i>	12.8	12.8	12.6	12.8	12.9	13.1	12.9	12.9
<i>yfgG</i>	16.7	16.6	16.4	15.9	16.3	16.9	15.9	16.4
<i>yfgH</i>	13.1	13.1	12.9	13.1	13.0	13.1	12.9	12.9
<i>yfgI</i>	13.2	13.3	13.0	13.4	13.2	13.4	13.0	13.0
<i>yfgJ</i>	14.6	14.5	14.5	14.5	14.3	14.7	14.5	14.8
<i>yfgM</i>	17.9	17.8	17.3	17.8	17.8	17.8	17.3	17.6
<i>yfgO</i>	14.7	14.7	14.6	14.1	14.6	15.1	14.8	15.0
<i>yfhG</i>	15.0	15.0	14.8	14.9	14.7	15.3	15.1	15.0
<i>yfhH</i>	14.3	14.4	14.0	13.9	14.3	14.7	14.2	14.5
<i>yfhL</i>	15.3	15.1	14.9	14.5	15.6	16.0	15.0	15.3
<i>yfhM</i>	14.8	14.8	14.5	14.4	14.8	14.9	14.8	14.9
<i>yfhR</i>	12.8	12.7	12.6	13.0	12.7	12.7	12.7	12.7
<i>yfiB</i>	15.1	15.0	14.6	15.0	14.7	14.9	14.6	14.5
<i>yfiC</i>	14.5	14.4	14.1	13.8	14.4	14.6	14.3	14.3
<i>yfiD</i>	16.5	15.5	16.3	16.5	17.1	17.8	17.1	17.1
<i>yfiE</i>	13.7	13.7	13.5	13.1	13.5	13.7	13.4	13.4
<i>yfiF</i>	15.6	15.6	15.3	15.6	15.3	15.3	14.9	15.1
<i>yfiH</i>	15.2	15.2	15.2	14.9	15.2	15.0	15.0	15.2
<i>yfiL</i>	13.8	13.8	13.4	13.3	13.5	13.8	13.2	13.4
<i>yfiM</i>	13.5	13.3	13.3	13.5	13.4	13.5	13.4	13.2
<i>yfiN</i>	14.1	14.1	13.6	13.6	13.5	14.2	13.5	13.6

<i>yfiP</i>	14.0	13.9	13.7	13.5	13.5	14.0	13.7	13.8
<i>yfiQ</i>	14.1	14.0	13.9	13.7	14.0	14.1	13.9	13.9
<i>yfiR</i>	14.9	14.8	14.4	14.0	14.6	15.3	14.4	14.6
<i>yfiD</i>	14.6	14.8	14.3	14.6	14.4	15.0	14.5	14.7
<i>yfiF</i>	15.9	15.9	15.2	15.8	15.2	15.6	14.9	15.2
<i>yfiG</i>	15.9	15.8	15.6	15.3	15.6	15.6	15.2	15.3
<i>yfiH</i>	13.8	13.7	13.3	13.7	14.0	14.2	13.6	13.6
<i>yfiI</i>	13.1	13.0	12.9	14.3	13.1	13.1	12.9	12.9
<i>yfiJ</i>	12.9	12.8	12.7	13.3	12.9	12.9	12.6	12.7
<i>yfiK</i>	14.3	14.2	13.9	13.8	14.3	14.5	14.3	14.5
<i>yfiL</i>	14.9	14.8	14.4	14.5	15.2	15.4	15.1	15.2
<i>yfiM</i>	13.6	13.4	13.2	14.4	13.8	13.9	13.4	13.8
<i>yfiP</i>	13.1	13.2	13.0	12.9	13.1	13.2	13.1	12.9
<i>yfiQ</i>	12.9	12.9	12.8	13.4	12.9	12.8	12.9	12.7
<i>yfiR</i>	12.7	12.7	12.6	12.9	12.8	12.7	12.8	12.6
<i>yfiS</i>	13.1	13.1	13.0	13.3	13.1	13.2	13.0	12.8
<i>yfiT</i>	13.0	13.1	13.0	13.3	13.0	13.0	13.0	12.9
<i>yfiU</i>	14.3	14.3	13.6	13.8	13.9	14.3	13.8	14.1
<i>yfiW</i>	13.7	13.7	13.4	13.6	13.6	13.7	13.3	13.4
<i>yfiX</i>	12.6	12.6	12.5	13.0	12.7	12.6	12.6	12.9
<i>yfiY</i>	12.9	12.7	12.7	13.5	12.9	12.8	12.9	12.7
<i>yfiZ</i>	13.1	13.1	13.0	13.1	13.1	13.0	13.1	12.9
<i>ygaC</i>	14.5	14.6	14.2	13.9	14.2	14.7	14.2	14.0
<i>ygaD</i>	15.6	15.5	15.3	15.4	15.6	15.5	15.2	15.3
<i>ygaH</i>	16.2	15.8	15.6	15.7	15.8	16.2	15.8	15.8
<i>ygaM</i>	17.3	17.2	16.5	16.8	16.9	16.4	15.7	17.0
<i>ygaP</i>	14.2	14.4	14.0	14.1	13.8	14.2	13.8	14.1
<i>ygaQ_1</i>	12.7	12.9	12.6	13.1	12.8	12.9	12.6	12.7
<i>ygaQ_2</i>	12.6	12.7	12.5	12.7	12.7	12.7	12.5	12.6
<i>ygaQ_3</i>	12.7	12.8	12.5	12.9	12.8	12.7	12.5	12.6
<i>ygaQ_4</i>	12.9	13.0	12.8	13.1	12.8	12.8	12.8	12.9
<i>ygaU</i>	16.9	17.0	16.7	16.6	16.5	16.5	16.0	16.7
<i>ygaV</i>	14.1	14.3	14.0	13.5	13.7	14.2	13.8	13.7
<i>ygaW</i>	12.9	13.1	12.8	13.3	13.1	13.9	13.5	13.4
<i>ygaX</i>	13.1	13.7	13.3	13.6	12.9	13.2	12.9	13.0
<i>ygaY</i>	12.7	12.8	12.7	12.9	12.7	12.7	12.7	12.6
<i>ygaZ</i>	15.7	15.3	15.4	15.2	15.6	15.6	15.5	15.8
<i>ygbA</i>	13.4	13.4	13.1	13.6	13.5	13.2	13.1	13.0
<i>ygbE</i>	15.9	16.0	15.4	15.7	15.4	16.4	15.5	15.7
<i>ygbI</i>	14.5	14.6	14.1	14.3	14.3	14.5	14.1	14.2
<i>ygbJ</i>	13.0	13.0	12.9	13.3	12.9	12.8	12.9	12.8
<i>ygbK</i>	12.8	12.8	12.8	13.1	12.9	12.8	12.9	12.9
<i>ygbL</i>	13.1	13.0	12.9	13.1	13.1	13.0	13.0	13.0
<i>ygbM</i>	13.3	13.3	13.1	13.3	13.2	13.2	13.2	13.4
<i>ygbN</i>	12.9	12.8	12.8	13.3	12.9	12.9	12.9	12.8
<i>ygcE</i>	13.0	12.9	12.9	13.4	13.1	13.0	13.0	13.0
<i>ygcF</i>	14.5	14.7	14.4	14.5	14.6	14.5	14.4	14.5
<i>ygcG</i>	12.6	12.6	12.5	12.8	12.6	12.7	12.5	12.5
<i>ygcN</i>	13.1	13.0	13.0	13.1	13.3	13.0	13.4	13.2
<i>ygcO</i>	13.1	12.9	12.9	12.8	12.8	13.0	13.1	12.9
<i>ygcP</i>	13.2	13.2	13.0	13.3	13.9	13.2	13.2	13.1
<i>ygcQ</i>	13.2	13.3	13.0	13.9	13.6	13.1	13.3	12.9
<i>ygcR</i>	13.1	13.1	13.1	13.9	13.5	13.1	13.3	12.8
<i>ygcS</i>	12.8	12.7	12.7	13.2	13.1	12.8	12.9	12.7
<i>ygcU</i>	13.0	13.0	12.9	13.6	13.1	13.0	12.9	12.8
<i>ygcW</i>	12.7	12.7	12.6	13.0	12.7	12.7	12.6	12.4
<i>ygdB</i>	13.5	13.5	13.1	13.5	13.3	13.6	13.3	13.2
<i>ygdD</i>	15.6	15.5	15.4	15.1	15.6	15.8	15.5	15.6
<i>ygdG</i>	13.9	14.0	13.7	13.7	13.9	14.0	13.8	14.0
<i>ygdH</i>	16.0	15.9	15.9	15.9	15.7	15.8	15.9	15.9
<i>ygdI</i>	15.7	15.8	15.1	15.0	14.7	15.0	13.9	14.7

<i>ygdQ</i>	14.3	14.3	14.1	13.7	13.9	14.5	14.0	14.4
<i>ygdR</i>	15.5	15.5	14.9	15.0	15.1	15.4	14.5	15.3
<i>ygdT</i>	13.2	13.2	13.2	15.5	13.3	13.3	13.1	13.3
<i>ygeA</i>	15.1	15.2	15.0	14.8	15.4	15.5	15.2	15.2
<i>ygeF</i>	12.6	12.6	12.5	12.8	12.6	12.6	12.4	13.2
<i>ygeG</i>	12.7	12.7	12.6	12.9	12.7	12.8	12.5	12.8
<i>ygeH</i>	12.6	12.6	12.4	13.0	12.7	12.6	12.4	12.5
<i>ygeI</i>	13.0	12.9	12.8	12.8	13.1	13.0	12.8	12.9
<i>ygeK</i>	12.9	12.9	12.6	13.4	12.9	13.0	12.7	12.7
<i>ygeL</i>	12.9	13.0	12.8	13.2	12.8	13.0	12.7	12.9
<i>ygeM</i>	12.7	12.7	12.6	12.9	12.8	12.6	12.5	12.6
<i>ygeN</i>	12.9	13.0	12.8	13.1	12.9	13.1	12.7	12.7
<i>ygeO</i>	13.6	13.6	13.2	13.5	13.6	13.4	13.1	13.4
<i>ygeP</i>	13.8	13.8	13.4	13.5	13.7	13.7	13.5	13.7
<i>ygeQ</i>	13.5	13.4	13.2	13.7	13.6	13.5	13.3	13.3
<i>ygeR</i>	15.5	15.6	15.3	15.4	15.8	15.8	15.4	15.5
<i>ygeV</i>	13.4	13.2	13.1	13.1	13.3	13.7	13.3	13.3
<i>ygeW</i>	12.6	12.6	12.5	12.8	12.8	12.6	12.6	12.7
<i>ygeX</i>	12.8	12.8	12.7	13.3	12.8	12.8	12.8	12.6
<i>ygeY</i>	13.0	12.9	12.8	13.3	12.9	13.0	12.9	12.9
<i>ygfA</i>	14.0	14.1	13.9	13.8	13.8	14.2	14.1	14.2
<i>ygfB</i>	17.5	17.5	17.1	17.5	17.7	17.5	17.6	17.3
<i>ygfF</i>	14.0	13.8	13.7	13.7	13.4	13.3	13.2	13.2
<i>ygfI</i>	13.6	13.6	13.1	13.5	13.5	13.6	13.3	13.5
<i>ygfK</i>	12.6	12.7	12.5	13.0	12.7	12.6	12.6	12.6
<i>ygfM</i>	12.9	12.9	12.8	13.2	12.8	12.8	12.9	12.6
<i>ygfQ</i>	13.0	12.9	13.1	13.0	13.1	12.9	13.0	12.8
<i>ygfS</i>	13.3	13.5	13.1	13.4	13.8	13.5	13.5	13.1
<i>ygfT</i>	12.8	12.8	12.7	13.0	13.0	12.8	12.9	12.8
<i>ygfU</i>	12.7	12.7	12.5	12.7	12.8	12.6	12.6	12.5
<i>ygfX</i>	15.3	14.6	15.1	15.0	15.4	14.6	15.2	15.3
<i>ygfY</i>	16.8	16.2	16.1	16.8	16.6	15.9	16.1	16.8
<i>ygfZ</i>	16.8	16.7	16.9	16.6	16.6	16.6	16.6	16.6
<i>yggC</i>	14.9	14.8	14.6	14.7	14.9	15.0	14.7	14.7
<i>yggD</i>	15.6	15.6	15.0	15.3	15.6	15.8	15.3	15.7
<i>yggE</i>	17.0	16.9	16.5	16.9	16.7	16.6	16.2	16.7
<i>yggF</i>	13.3	13.3	13.2	13.4	13.7	13.3	13.4	12.9
<i>yggG</i>	15.4	14.7	14.8	14.9	14.3	14.5	14.1	14.5
<i>yggI</i>	15.6	13.6	13.7	13.8	13.2	13.6	13.4	13.4
<i>yggL</i>	18.0	17.8	17.6	17.9	18.0	17.6	17.3	17.7
<i>yggM</i>	13.0	13.0	12.8	13.3	13.1	13.0	12.8	12.9
<i>yggN</i>	15.5	15.6	15.1	15.4	15.4	15.2	15.0	15.4
<i>yggP</i>	13.0	13.0	12.8	13.2	13.0	13.0	12.9	12.8
<i>yggR</i>	13.0	13.0	12.9	13.6	13.2	12.9	13.0	12.9
<i>yggS</i>	16.0	15.8	15.6	15.8	15.6	15.9	15.5	15.7
<i>yggT</i>	16.6	16.5	16.4	16.5	16.3	16.5	16.3	16.3
<i>yggU</i>	17.0	16.7	16.3	16.5	16.4	16.7	16.1	16.3
<i>yggW</i>	15.0	14.9	14.6	14.7	14.5	14.9	14.5	14.6
<i>yggX</i>	17.6	17.7	17.1	17.2	16.9	17.1	16.3	16.6
<i>yghA</i>	14.6	14.4	14.0	14.4	14.1	13.9	13.6	14.0
<i>yghB</i>	15.3	15.3	14.9	15.0	15.1	15.5	15.3	15.5
<i>yghD</i>	13.4	13.4	13.1	13.7	13.4	13.4	13.2	13.2
<i>yghE</i>	12.9	12.8	12.8	13.1	13.0	12.9	12.9	12.8
<i>yghF</i>	13.3	12.9	12.9	13.1	13.0	12.9	12.9	12.9
<i>yghG</i>	14.3	13.3	13.5	13.9	13.5	13.7	13.5	13.4
<i>yghJ</i>	14.2	13.4	13.7	13.9	13.7	13.6	13.6	13.6
<i>yghO</i>	13.0	13.0	12.9	13.2	13.0	12.9	12.9	13.1
<i>yghQ</i>	12.8	12.8	12.8	13.9	13.0	12.8	13.0	12.7
<i>yghR</i>	12.8	12.9	12.7	12.7	12.9	12.7	12.8	12.7
<i>yghS</i>	12.9	13.0	12.8	13.5	12.9	13.0	13.0	12.7
<i>yghT</i>	12.7	12.7	12.5	12.9	12.7	12.7	12.6	12.7

<i>yghU</i>	16.0	16.1	15.9	15.8	16.2	16.2	16.1	16.1
<i>yghW</i>	13.3	13.1	13.2	13.3	13.3	13.1	13.0	13.3
<i>yghX_1</i>	13.7	13.9	13.4	13.5	14.1	13.9	13.6	13.7
<i>yghX_2</i>	14.1	14.3	13.9	14.0	14.6	14.6	14.0	14.4
<i>yghZ</i>	14.2	14.2	14.2	13.9	14.4	14.5	14.4	14.3
<i>ygiA</i>	17.4	17.1	17.1	17.1	16.5	17.1	16.7	16.9
<i>ygiB</i>	16.9	16.7	16.8	16.7	16.4	16.6	16.5	16.6
<i>ygiC</i>	16.2	15.9	16.0	16.0	15.4	15.7	15.4	15.6
<i>ygiD</i>	13.2	13.3	13.1	12.9	13.4	13.4	13.3	13.3
<i>ygiF</i>	15.5	15.4	15.2	15.3	15.4	15.4	15.2	15.3
<i>ygiH</i>	14.7	14.6	14.4	13.8	14.6	14.9	14.6	14.7
<i>ygiL</i>	13.1	12.9	12.8	12.9	12.9	12.8	12.7	12.9
<i>ygiM</i>	15.8	16.2	15.8	15.6	16.2	15.8	15.6	15.9
<i>ygiN</i>	16.9	17.0	16.8	16.5	17.0	17.2	17.0	17.5
<i>ygiQ</i>	15.2	14.3	15.0	14.9	14.9	14.2	14.9	15.0
<i>ygiS</i>	14.1	14.0	14.1	13.9	14.0	14.1	14.1	14.1
<i>ygiV</i>	14.0	13.9	14.0	13.8	13.9	14.0	14.0	14.0
<i>ygiW</i>	16.3	16.5	16.2	16.1	16.3	16.3	15.7	15.9
<i>ygiZ</i>	12.8	12.8	12.6	12.8	12.9	12.7	12.7	12.7
<i>ygjG</i>	15.7	15.8	15.7	16.1	13.6	13.7	13.6	13.8
<i>ygjH</i>	13.1	13.1	13.0	13.6	13.4	13.0	13.2	12.8
<i>ygjI</i>	12.5	12.6	12.5	12.7	12.7	12.6	12.4	12.5
<i>ygjJ</i>	12.7	12.6	12.6	14.3	12.8	12.6	12.6	12.7
<i>ygjK</i>	12.8	12.8	12.7	13.2	12.9	12.8	12.8	12.6
<i>ygjP</i>	14.4	14.2	14.1	14.2	14.1	14.3	14.0	14.5
<i>ygjQ</i>	12.7	12.8	12.6	12.8	12.7	12.7	12.7	12.6
<i>ygjR</i>	14.8	14.8	14.5	14.3	14.6	15.0	14.6	14.7
<i>ygjV</i>	13.2	13.1	13.1	12.9	13.2	13.4	13.3	13.3
<i>yhaB</i>	12.7	12.9	12.6	13.0	12.8	12.7	12.5	12.7
<i>yhaC</i>	12.6	12.6	12.4	12.7	12.6	12.6	12.3	12.5
<i>yhaH</i>	15.8	15.5	16.0	15.4	15.6	15.4	15.8	16.0
<i>yhaI</i>	13.3	13.0	13.1	13.0	13.0	13.1	12.9	13.1
<i>yhaJ</i>	15.0	15.0	15.0	14.9	15.1	15.0	14.9	14.9
<i>yhaK</i>	13.5	13.4	13.3	13.4	13.2	13.3	13.2	13.1
<i>yhaL</i>	15.5	15.2	14.8	14.6	14.9	15.6	14.4	14.8
<i>yhaM</i>	13.2	13.2	13.1	13.4	13.4	13.2	13.3	13.2
<i>yhaO</i>	13.1	13.1	12.9	13.3	13.5	13.2	13.2	13.1
<i>yhaV</i>	15.3	15.3	14.7	14.8	15.2	15.6	14.9	15.3
<i>yhbE</i>	15.3	15.2	15.2	15.1	15.3	15.4	15.3	15.4
<i>yhbJ</i>	16.9	16.9	16.6	16.7	17.0	17.3	17.2	17.2
<i>yhbO</i>	14.4	14.1	14.1	14.3	13.8	13.8	13.6	13.9
<i>yhbP</i>	13.9	13.8	13.6	13.5	13.9	13.9	13.7	13.8
<i>yhbQ</i>	14.1	14.0	14.0	13.6	13.9	14.0	13.8	14.0
<i>yhbS</i>	14.7	14.7	14.5	14.6	15.7	15.4	15.5	15.9
<i>yhbT</i>	16.2	16.1	16.1	15.8	17.3	17.0	17.1	17.4
<i>yhbU</i>	12.8	12.8	12.7	12.9	15.4	15.8	15.6	15.7
<i>yhbV</i>	12.9	12.9	12.8	12.7	14.7	14.9	14.8	14.9
<i>yhbW</i>	15.1	15.1	15.4	14.8	13.5	13.6	13.6	13.6
<i>yhbX</i>	12.9	13.0	12.8	13.0	13.0	13.1	12.8	13.0
<i>yhbY</i>	17.8	17.8	17.4	17.6	17.6	17.8	17.4	17.6
<i>yhcA</i>	13.1	12.9	12.8	13.2	12.9	12.8	12.7	12.8
<i>yhcB</i>	16.9	17.0	16.9	16.6	16.8	17.1	16.8	16.9
<i>yhcC</i>	12.9	12.8	12.8	14.0	13.7	13.8	13.9	13.8
<i>yhcD</i>	13.2	13.1	12.9	13.3	13.0	13.1	12.9	12.9
<i>yhcF</i>	14.2	14.2	13.8	13.9	14.0	14.4	13.7	13.9
<i>yhcG</i>	12.9	13.0	12.8	13.0	12.9	13.0	12.8	12.8
<i>yhcH</i>	14.2	14.2	13.8	13.9	14.0	14.1	13.7	13.8
<i>yhcM</i>	15.2	15.2	15.0	15.1	14.8	15.2	14.8	14.8
<i>yhcN</i>	14.4	14.6	14.0	14.2	13.7	14.0	13.4	13.4
<i>yhcO</i>	15.2	15.2	14.3	14.5	14.6	14.8	13.9	14.7
<i>yhdE</i>	15.9	15.9	15.7	15.4	16.3	15.9	15.7	16.0

<i>yhdH</i>	15.0	15.0	15.0	14.9	16.4	15.9	16.1	15.9
<i>yhdJ</i>	14.3	13.3	13.1	16.4	13.4	13.6	13.3	13.3
<i>yhdN</i>	15.9	15.9	15.4	15.7	16.2	16.3	15.8	16.1
<i>yhdP</i>	14.0	13.9	13.7	13.5	13.8	13.9	13.7	13.8
<i>yhdT</i>	14.4	14.2	14.4	13.9	14.0	14.2	14.3	14.3
<i>yhdU</i>	14.3	14.2	13.8	14.0	13.4	13.9	13.3	13.6
<i>yhdV</i>	13.3	13.2	13.4	13.3	13.3	13.3	13.4	13.1
<i>yhdW</i>	13.5	13.0	13.1	13.2	13.1	13.0	13.1	13.1
<i>yhdX</i>	12.7	12.7	12.6	12.9	12.7	12.7	12.6	12.6
<i>yhdY</i>	12.9	12.9	12.7	13.2	12.9	12.9	12.8	12.8
<i>yhdZ</i>	13.6	13.7	13.3	13.1	13.3	13.7	13.2	13.3
<i>yheL</i>	16.4	16.3	16.1	16.1	16.4	16.6	16.2	16.6
<i>yheM</i>	15.9	15.8	15.6	15.8	15.8	16.1	16.1	16.3
<i>yheN</i>	15.6	15.6	15.6	15.6	16.1	15.8	15.9	15.9
<i>yheO</i>	16.8	16.8	16.4	16.9	16.9	17.2	16.9	17.2
<i>yheS</i>	15.4	15.3	15.3	15.3	15.1	15.5	15.3	15.2
<i>yheT</i>	15.0	15.0	14.6	14.7	14.7	15.2	14.8	15.0
<i>yheU</i>	16.3	16.5	16.0	16.1	16.2	16.5	15.8	16.0
<i>yheV</i>	16.9	17.0	16.0	16.7	14.9	15.6	14.6	15.2
<i>yhfA</i>	16.7	16.7	16.3	16.3	16.7	16.7	16.4	16.9
<i>yhfG</i>	15.2	15.2	14.9	14.3	14.7	14.9	14.3	15.0
<i>yhfK</i>	14.6	14.5	14.3	14.1	14.4	14.6	14.5	14.6
<i>yhfL</i>	13.5	13.4	13.1	13.4	13.2	13.5	13.2	13.2
<i>yhfS</i>	13.0	13.0	12.9	13.3	13.2	13.0	13.1	12.9
<i>yhfT</i>	12.8	12.8	12.7	12.7	12.8	12.8	12.8	12.8
<i>yhfU</i>	13.1	13.2	12.9	13.1	13.0	13.1	13.0	12.9
<i>yhfW</i>	12.7	12.6	12.6	12.8	12.7	12.7	12.8	12.5
<i>yhfX</i>	12.7	12.7	12.7	13.0	12.8	12.7	12.8	12.6
<i>yhfY</i>	13.4	13.3	13.2	13.5	13.2	13.2	13.2	13.1
<i>yhfZ</i>	13.6	13.5	13.4	13.5	13.5	13.4	13.3	13.2
<i>yhgA</i>	13.5	13.3	13.1	13.2	13.3	13.7	13.4	13.2
<i>yhgE</i>	13.8	13.7	13.5	13.7	13.8	13.8	13.7	13.7
<i>yhgF</i>	16.0	15.9	15.8	16.0	15.6	15.7	15.8	15.6
<i>yhgN</i>	14.2	14.3	13.9	14.1	14.3	14.4	14.1	14.3
<i>yhhA</i>	15.0	15.2	14.7	14.8	14.4	15.1	14.2	14.5
<i>yhhH</i>	13.3	13.3	12.9	13.2	13.2	13.3	12.8	12.8
<i>yhhI</i>	13.2	13.1	12.8	13.0	13.4	13.2	12.9	12.9
<i>yhhJ</i>	15.0	14.7	14.9	14.9	14.6	14.7	14.6	14.5
<i>yhhK</i>	14.3	14.4	14.2	13.9	14.3	14.5	14.2	14.1
<i>yhhL</i>	14.9	14.7	14.7	14.5	14.2	14.9	14.6	14.7
<i>yhhM</i>	15.5	15.5	15.1	14.9	15.2	15.5	14.9	15.4
<i>yhhN</i>	15.5	15.3	15.3	14.7	15.2	15.4	15.3	15.6
<i>yhhQ</i>	14.6	14.5	14.4	14.1	14.0	14.6	14.4	14.4
<i>yhhS</i>	13.9	13.9	13.8	13.5	13.9	14.2	14.0	14.0
<i>yhhT</i>	14.0	13.9	13.7	13.7	14.0	14.0	13.9	14.0
<i>yhhW</i>	14.1	14.2	13.9	13.9	14.0	14.4	14.1	14.1
<i>yhhX</i>	16.0	16.0	15.6	15.8	15.8	16.2	15.6	15.8
<i>yhhY</i>	14.0	13.8	14.5	14.0	14.1	14.4	14.2	14.0
<i>yhhZ</i>	12.6	12.6	12.5	12.9	12.6	12.6	12.5	12.6
<i>yhiD</i>	14.5	14.5	13.9	14.2	17.2	16.4	16.7	17.3
<i>yhiI</i>	15.9	15.6	15.9	15.8	15.6	15.5	15.6	15.4
<i>yhiJ</i>	13.0	12.9	12.7	13.1	13.1	12.9	12.7	12.7
<i>yhiK</i>	12.8	12.7	12.6	12.9	12.7	13.1	12.6	12.6
<i>yhiL</i>	12.5	12.5	12.4	12.8	12.5	12.5	12.3	12.4
<i>yhiM</i>	13.5	13.7	13.3	13.2	16.0	15.1	15.5	16.6
<i>yhiN</i>	14.6	14.5	14.5	14.2	14.7	14.5	14.4	14.6
<i>yhiQ</i>	14.5	14.5	14.4	14.5	14.6	14.2	14.3	14.0
<i>yhiR</i>	15.1	15.0	15.0	14.8	14.7	15.1	15.0	14.9
<i>yhiS_1</i>	12.8	12.8	12.7	13.2	13.0	12.7	12.8	12.8
<i>yhjA</i>	13.1	13.0	12.9	13.2	13.6	13.8	13.6	13.6
<i>yhjB</i>	13.4	13.6	13.1	13.1	13.3	13.4	13.3	13.0

<i>yhjC</i>	14.0	13.9	13.8	13.8	13.5	13.9	13.5	13.5
<i>yhjD</i>	15.0	14.9	14.6	14.6	14.3	14.8	14.2	14.5
<i>yhjE</i>	17.5	17.8	17.7	17.4	15.6	16.5	15.7	15.9
<i>yhjG</i>	14.0	13.9	13.7	14.1	13.8	13.6	13.5	13.6
<i>yhjH</i>	12.8	13.1	12.7	12.9	12.9	13.1	12.8	12.6
<i>yhjJ</i>	14.9	15.1	14.9	14.7	15.1	15.2	15.0	15.1
<i>yhjK</i>	14.3	14.2	13.9	13.8	13.9	14.4	13.9	14.1
<i>yhjR</i>	15.8	15.7	15.1	14.9	14.7	15.0	14.0	14.6
<i>yhjV</i>	13.8	13.7	13.5	13.5	13.4	13.7	13.3	13.5
<i>yhjX</i>	12.9	12.9	12.8	13.0	13.5	12.9	12.9	12.9
<i>yhjY</i>	14.7	14.7	14.4	14.1	14.7	14.7	14.5	14.8
<i>yiaA</i>	12.8	13.0	12.6	12.9	12.8	13.0	12.7	12.8
<i>yiaB</i>	12.9	12.9	12.7	13.4	12.8	13.1	12.7	12.9
<i>yiaC</i>	14.2	14.1	14.1	13.6	14.6	14.7	14.6	14.6
<i>yiaD</i>	14.1	13.7	14.1	13.6	13.8	13.5	13.8	13.5
<i>yiaF</i>	16.8	16.6	16.1	16.4	16.7	16.8	16.6	17.0
<i>yiaG</i>	17.7	17.6	16.6	17.3	16.3	16.9	15.3	16.7
<i>yiaJ</i>	15.4	15.5	15.2	15.1	15.1	15.6	15.2	15.4
<i>yiaK</i>	12.8	12.8	12.7	13.0	12.9	12.7	12.8	12.6
<i>yiaL</i>	12.8	12.8	12.6	13.2	12.8	12.8	12.7	12.7
<i>yiaM</i>	12.6	12.6	12.5	12.8	12.6	12.7	12.5	12.5
<i>yiaN</i>	12.8	12.9	12.6	13.0	13.2	12.8	12.9	12.5
<i>yiaO</i>	12.8	12.8	12.6	13.1	12.9	12.7	12.6	12.6
<i>yiaT</i>	13.0	12.9	12.9	13.1	13.6	13.0	12.9	12.8
<i>yiaU</i>	13.8	13.8	13.5	13.6	13.5	13.9	13.5	13.4
<i>yiaV</i>	12.8	12.8	12.7	13.3	12.8	12.8	12.7	12.6
<i>yiaW</i>	12.8	12.8	12.7	13.2	12.9	12.8	12.8	13.1
<i>yiaY</i>	12.7	12.7	12.6	12.9	12.9	12.9	12.8	12.7
<i>yibA</i>	14.1	13.7	13.7	13.6	13.5	13.6	13.1	13.2
<i>yibD</i>	14.7	14.5	14.5	14.5	13.8	13.0	13.1	14.2
<i>yibF</i>	15.1	15.2	14.7	14.5	14.0	14.3	13.9	14.0
<i>yibG</i>	12.9	12.8	12.6	13.4	12.9	12.8	12.6	12.7
<i>yibH</i>	13.3	13.3	13.2	13.4	13.2	13.0	13.2	13.0
<i>yibI</i>	13.9	13.9	13.6	13.7	13.6	13.6	13.4	13.5
<i>yibJ</i>	13.3	13.2	13.2	13.3	13.2	13.2	13.2	13.1
<i>yibL</i>	16.5	16.3	15.8	15.7	15.7	16.2	15.2	15.7
<i>yibN</i>	18.0	17.9	17.5	17.7	17.7	17.9	17.4	17.5
<i>yibQ</i>	14.7	14.6	14.3	14.2	14.3	14.8	14.4	14.6
<i>yibT</i>	16.4	16.5	16.0	15.5	16.1	16.5	15.5	16.1
<i>yibV</i>	13.1	13.0	12.8	13.4	13.0	12.9	12.7	12.8
<i>yicC</i>	15.9	15.9	15.6	15.7	15.6	15.8	15.5	15.7
<i>yicG</i>	13.0	13.0	12.9	12.8	12.9	13.0	12.9	12.8
<i>yicH</i>	15.0	15.0	15.0	14.8	14.9	15.3	15.1	15.2
<i>yicI</i>	13.0	13.0	12.9	13.1	13.1	13.1	13.1	12.9
<i>yicJ</i>	12.9	12.9	12.7	13.0	12.8	12.9	12.8	12.7
<i>yicL</i>	14.5	14.4	14.2	13.9	14.2	14.5	14.3	14.4
<i>yicN</i>	13.8	13.9	13.5	13.5	13.6	13.9	13.7	13.6
<i>yicO</i>	12.7	12.7	12.6	13.1	12.9	12.7	12.7	12.6
<i>yicR</i>	15.2	15.0	15.0	14.7	15.4	15.1	15.1	15.2
<i>yicS</i>	13.9	14.0	13.5	14.0	13.6	14.0	13.3	13.5
<i>ydA</i>	16.0	15.9	15.9	15.7	15.9	16.3	16.1	16.0
<i>ydB</i>	15.6	15.5	15.3	14.8	15.2	15.3	14.8	15.0
<i>ydC</i>	17.2	17.1	17.1	17.2	16.7	16.8	17.0	17.0
<i>ydD</i>	17.7	17.6	17.3	17.6	17.1	17.5	17.1	17.3
<i>ydE</i>	14.6	14.5	14.4	14.2	14.6	14.9	14.6	14.7
<i>ydF</i>	13.3	13.3	13.0	13.0	13.3	13.6	13.4	13.5
<i>ydG</i>	14.0	14.0	13.7	13.6	13.9	14.1	13.8	13.8
<i>ydH</i>	14.5	14.4	14.1	13.9	14.2	14.5	14.1	14.4
<i>ydI</i>	13.7	13.7	13.4	14.2	13.4	13.7	13.4	13.6
<i>ydJ</i>	12.9	13.0	12.7	13.2	12.9	12.9	12.9	12.7
<i>ydK</i>	12.7	12.7	12.6	12.9	13.0	12.7	12.7	12.6

<i>ydL</i>	13.1	12.9	13.0	13.1	12.9	12.9	12.7	12.7
<i>ydP</i>	13.0	13.2	12.7	13.7	13.1	13.0	12.9	12.7
<i>ydQ</i>	16.2	16.3	15.7	16.2	16.9	16.7	16.5	16.9
<i>ydR</i>	13.9	14.0	13.8	14.0	14.0	14.1	14.1	14.1
<i>ydX</i>	13.4	13.4	13.1	13.1	13.4	13.6	13.1	13.2
<i>ydZ</i>	13.8	13.8	13.5	13.4	13.5	13.8	13.6	13.6
<i>yeE</i>	15.1	15.1	14.6	14.4	14.8	14.9	14.6	15.0
<i>yeF</i>	15.3	15.3	15.2	14.8	15.1	15.1	15.1	15.2
<i>yeG</i>	16.5	16.3	16.4	16.4	16.6	16.4	16.6	16.6
<i>yeH</i>	14.8	14.8	14.4	14.6	14.5	15.0	14.5	14.6
<i>yeK</i>	13.2	13.3	13.1	13.7	13.3	13.3	13.2	13.1
<i>yeL</i>	12.9	12.8	12.8	12.8	12.8	12.9	12.8	12.6
<i>yeP</i>	15.9	15.3	15.1	15.6	16.0	15.9	15.7	16.1
<i>yifB</i>	13.1	13.0	12.8	13.1	13.0	13.1	12.9	12.9
<i>yifE</i>	17.4	17.6	17.1	16.9	17.6	17.4	16.5	17.2
<i>yifK</i>	16.0	15.8	15.6	15.8	14.9	15.1	14.6	14.9
<i>yifL</i>	17.9	17.7	17.7	17.4	17.7	17.9	17.6	17.8
<i>yifN</i>	14.4	14.4	13.7	13.3	14.2	14.8	13.8	14.1
<i>yifO</i>	14.5	14.5	13.8	14.1	14.3	14.9	13.9	14.2
<i>yigA</i>	16.0	16.0	15.8	16.1	16.1	16.0	16.0	16.2
<i>yigB</i>	15.1	15.0	14.9	14.9	14.9	15.2	15.1	14.9
<i>yigE</i>	13.0	12.9	12.8	13.2	13.1	12.9	12.9	12.8
<i>yigF</i>	12.9	12.8	12.8	12.8	12.8	12.9	12.7	12.8
<i>yigG</i>	12.9	12.9	12.7	13.3	12.8	13.0	12.7	12.8
<i>yigI</i>	16.1	16.0	15.9	15.7	13.1	13.4	13.2	13.1
<i>yigL</i>	15.4	15.4	15.0	14.9	15.2	15.4	15.0	15.4
<i>yigM</i>	13.8	14.1	13.7	13.4	13.5	14.0	13.7	13.6
<i>yigP</i>	15.7	15.6	15.7	15.7	15.6	15.6	15.8	15.7
<i>yigZ</i>	15.4	15.3	15.3	15.7	15.4	15.2	15.3	15.1
<i>yihA</i>	16.3	16.3	16.0	16.1	15.7	15.9	15.6	16.0
<i>yihD</i>	17.4	17.2	16.8	17.1	17.9	18.2	17.4	17.9
<i>yihF</i>	12.9	12.8	12.7	13.1	12.9	13.0	12.7	12.8
<i>yihG</i>	14.3	14.3	13.8	13.7	13.8	14.4	13.6	13.9
<i>yihI</i>	16.6	16.5	16.0	16.3	15.9	16.2	15.4	15.8
<i>yihL</i>	13.6	13.5	13.3	13.6	13.3	13.5	13.2	13.1
<i>yihM</i>	13.7	13.5	13.3	13.6	13.5	13.6	13.2	13.4
<i>yihN</i>	12.9	12.8	12.8	13.1	12.8	12.8	12.7	12.7
<i>yihO</i>	12.7	12.8	12.6	13.9	12.7	12.8	12.7	12.6
<i>yihP</i>	12.8	12.8	12.6	13.2	12.8	12.7	12.7	12.6
<i>yihQ</i>	12.8	12.8	12.8	13.0	13.1	12.9	13.0	12.6
<i>yihR</i>	12.8	12.7	12.7	12.9	12.8	12.8	12.7	12.7
<i>yihS</i>	13.1	13.0	13.0	13.2	13.2	13.2	13.2	12.9
<i>yihT</i>	13.0	13.1	13.0	13.1	13.0	13.1	13.1	12.9
<i>yihU</i>	12.8	12.8	12.8	13.1	13.1	12.9	12.9	12.8
<i>yihV</i>	13.1	13.0	13.0	13.2	13.4	13.2	13.3	13.1
<i>yihW</i>	15.1	15.0	14.8	14.7	14.9	15.0	14.7	14.9
<i>yihX</i>	15.7	15.4	15.5	15.3	15.6	15.4	15.4	15.5
<i>yihY</i>	15.6	15.5	15.2	15.4	15.6	15.9	15.4	15.6
<i>yiiD</i>	15.9	15.8	15.5	15.8	16.0	15.9	15.9	15.9
<i>yiiE</i>	13.2	13.1	12.9	14.1	13.2	13.0	13.0	12.9
<i>yiiF</i>	14.2	14.4	13.7	13.9	14.1	14.4	15.8	14.0
<i>yiiG</i>	13.0	12.9	12.8	13.2	12.9	12.9	12.8	12.8
<i>yiiM</i>	15.1	15.1	15.0	14.9	15.5	15.0	14.9	14.9
<i>yiiQ</i>	15.8	15.7	15.3	15.5	15.2	15.9	15.1	15.4
<i>yiiR</i>	14.7	14.6	14.4	14.2	14.7	14.7	14.5	14.7
<i>yiiS</i>	17.2	17.5	16.4	17.0	17.2	17.9	17.1	17.4
<i>yiiX</i>	14.3	14.0	13.9	14.0	14.1	14.6	14.3	14.5
<i>yijD</i>	16.0	16.0	15.9	15.7	15.6	15.9	15.7	16.1
<i>yijE</i>	13.3	13.2	13.1	13.2	13.2	13.3	13.4	13.3
<i>yijF</i>	12.8	12.8	12.7	13.3	13.0	12.9	12.8	12.9
<i>yijO</i>	13.9	14.0	13.9	13.6	14.0	14.3	14.1	14.0

yjP	17.2	17.0	17.1	17.2	16.5	16.3	16.3	16.8
yjaA	13.3	13.1	13.1	13.2	13.1	13.2	13.0	13.0
yjaB	13.7	13.7	13.6	13.7	13.7	13.6	13.7	13.5
yjaG	16.1	16.0	15.6	15.8	15.8	16.2	15.6	16.0
yjaH	15.4	15.4	14.7	14.5	14.9	15.2	14.6	14.8
yjaZ	14.0	13.8	13.4	13.5	13.7	14.1	13.5	13.6
yjbB	14.0	13.7	13.8	13.5	13.3	13.5	13.4	13.3
yjbE	13.6	13.6	13.6	13.4	13.5	13.3	13.5	13.4
yjbF	12.7	12.7	12.6	13.3	12.7	12.7	12.7	12.7
yjbG	12.7	12.6	12.5	12.9	12.9	12.6	12.7	12.5
yjbH	13.0	12.9	12.8	13.3	13.0	12.9	12.9	12.8
yjbI	12.6	12.6	12.4	12.8	12.6	12.7	12.4	12.6
yjbJ	15.0	15.2	14.2	14.3	14.7	15.2	14.0	14.7
yjbL	12.9	12.9	12.6	13.0	12.8	12.8	12.5	12.7
yjbM	12.9	12.8	12.6	13.3	12.8	12.8	12.6	12.7
yjbQ	16.5	16.6	16.0	16.0	17.1	17.2	16.8	17.1
yjbR	15.7	15.9	15.1	15.6	16.1	16.3	16.1	16.7
yjbS	12.9	13.1	12.8	12.9	12.9	13.0	12.7	12.8
yjbT	13.0	13.2	12.8	13.0	12.9	13.1	12.9	12.9
yjcB	14.5	14.9	14.1	13.9	14.3	15.1	14.4	15.1
yjcC	13.6	13.6	13.2	13.3	13.2	13.5	13.0	13.1
yjcD	16.2	15.9	16.3	16.2	16.1	15.5	15.9	16.4
yjcE	14.6	14.6	14.4	14.4	14.4	14.8	14.5	14.6
yjcF	12.6	12.6	12.4	13.0	12.7	12.7	12.3	12.5
yjcH	14.5	14.0	14.6	14.3	12.9	12.9	12.9	12.9
yjcO	15.2	15.1	15.1	14.7	15.0	15.3	15.0	15.0
yjcS	12.7	12.8	12.6	13.1	12.8	12.7	12.7	12.6
yjcZ	12.9	13.0	13.0	13.1	13.0	13.1	13.0	12.7
yjdA	13.6	13.6	13.5	13.2	13.2	13.6	13.2	12.9
yjdC	16.5	16.6	16.2	16.3	16.3	16.3	16.1	16.5
yjdF	13.9	13.9	13.8	13.8	13.8	13.9	13.9	14.0
yjdI	15.7	15.5	15.2	15.1	15.7	15.4	14.7	15.1
yjdJ	16.1	15.7	15.4	15.5	15.7	15.6	14.9	15.3
yjdK	13.2	13.2	12.9	13.0	14.0	14.0	13.8	14.0
yjdL	13.3	13.2	13.0	12.9	13.2	13.3	13.1	13.0
yjdM	17.3	17.1	16.6	17.0	17.3	18.2	17.0	17.2
yjdN	14.5	14.8	14.3	13.9	13.9	14.7	13.8	14.0
yjdO	13.1	13.2	13.1	13.2	13.6	13.4	13.6	13.4
yjdP	14.5	14.4	14.3	14.1	14.6	14.4	14.4	14.5
yjeA	14.2	13.9	13.9	13.6	14.1	13.9	14.0	13.9
yjeE	15.3	15.3	15.2	15.0	15.5	15.4	15.4	15.6
yjeF	14.8	14.9	14.8	14.5	15.1	14.9	15.0	15.0
yjeH	14.6	14.7	14.3	14.1	14.3	14.8	14.4	14.4
yjeI	17.3	17.4	17.4	17.0	17.7	17.6	17.4	17.4
yjeJ	13.4	13.3	13.1	13.1	13.0	13.3	13.0	13.0
yjeK	15.5	15.6	15.0	15.0	15.2	15.5	15.0	15.3
yjeM	12.9	12.8	12.8	12.8	12.9	12.9	12.8	12.8
yjeN	12.9	12.8	12.8	13.1	13.1	12.9	12.9	12.8
yjeO	13.1	13.2	13.0	13.1	13.1	13.2	12.9	13.1
yjeP	13.8	13.8	13.6	13.4	13.5	13.8	13.6	13.7
yjeS	14.1	14.1	13.8	13.6	14.0	14.2	13.9	13.9
yjeT	14.1	14.1	13.9	15.0	14.2	14.1	13.9	13.9
yjeV	13.7	13.6	13.8	13.3	13.7	13.8	13.6	13.5
yjfC	12.9	12.9	12.7	13.1	13.1	12.9	12.9	12.8
yjfF	13.0	13.0	13.0	13.0	13.0	13.1	12.9	12.9
yjfI	12.9	12.9	12.9	13.1	12.9	13.0	12.8	12.7
yjfJ	12.9	12.8	12.8	13.0	12.9	12.8	12.8	12.7
yjfK	12.8	12.7	12.6	12.8	12.8	12.8	12.6	12.6
yjfL	12.8	12.8	12.8	13.1	13.0	12.9	12.9	12.8
yjfM	12.8	12.8	12.7	14.0	12.9	12.8	12.7	12.8
yjfN	14.0	14.1	13.7	14.0	14.1	14.1	13.7	13.8

yjP	14.1	14.0	13.9	13.8	13.9	14.1	13.9	13.7
yjY	14.1	14.5	13.7	13.5	13.9	14.7	13.6	13.9
yjZ	13.1	13.0	12.8	13.2	12.8	12.9	12.6	12.7
yjgA	16.2	16.1	15.8	15.7	15.9	16.1	15.7	16.1
yjgB	14.2	14.3	14.2	14.1	14.6	14.1	14.2	14.6
yjgF	19.3	19.2	19.4	19.3	19.2	19.1	19.4	19.4
yjgH	14.9	15.0	14.3	15.2	14.4	14.6	14.1	14.5
yjgI	13.1	13.2	13.1	12.9	13.0	13.1	13.0	12.9
yjgJ	14.8	14.7	14.3	14.4	14.2	14.7	14.1	14.3
yjgL	12.9	12.9	12.7	13.0	12.9	12.8	12.7	12.8
yjgM	15.2	15.4	15.1	14.9	15.1	15.4	15.1	15.0
yjgN	14.5	12.6	12.6	15.9	12.7	12.7	12.5	12.5
yjgR	14.8	14.8	14.5	14.6	14.8	14.6	14.3	14.5
yjgW	13.3	13.2	13.1	13.2	13.4	13.5	13.2	13.1
yjgX_1	13.9	13.9	13.7	13.4	14.0	14.2	13.6	13.6
yjgX_2	14.4	14.4	14.1	13.9	14.4	14.7	14.0	14.3
yjgX_3	13.1	13.2	13.0	13.2	13.3	13.1	13.0	12.9
yjgZ	15.1	12.8	12.7	17.2	12.9	12.7	12.9	12.7
yjhB	13.4	13.3	13.2	13.1	13.1	13.3	12.9	13.0
yjhC	14.0	13.7	13.6	13.8	13.7	13.5	13.3	13.4
yjhD	13.6	13.6	13.3	13.2	13.6	14.3	13.5	13.6
yjhE	13.7	13.6	13.2	13.1	13.5	13.9	13.3	13.6
yjhF	12.8	12.8	12.8	12.7	12.9	12.9	12.8	12.7
yjhG	13.1	13.1	13.0	13.7	13.1	13.2	13.1	12.9
yjhH	13.3	13.1	13.1	12.9	13.1	13.3	13.1	13.0
yjhI	12.9	12.8	12.8	13.2	13.0	13.0	12.8	12.7
yjhP	12.9	12.9	12.9	13.6	13.1	12.9	13.1	12.7
yjhQ	13.2	13.2	13.1	13.4	13.1	13.4	13.2	13.0
yjhR	13.2	13.2	12.8	13.4	13.0	13.1	12.9	13.7
yjhU	15.6	15.6	15.3	15.3	15.7	15.6	15.3	15.6
yjhV	12.9	12.9	12.8	12.9	12.9	15.5	12.9	12.7
yjhW	13.2	13.2	13.0	13.1	13.2	13.2	13.1	12.9
yjhX	13.5	13.3	13.3	13.6	13.4	13.7	13.3	13.9
yjiA	14.9	14.9	15.1	14.6	14.6	14.9	14.9	14.8
yjiC	12.7	12.7	12.5	13.0	12.7	12.9	12.6	12.6
yjiG	14.8	14.6	14.2	14.6	15.7	15.5	15.9	16.0
yjiH	13.1	13.1	12.9	13.3	15.8	15.4	16.2	16.0
yjiJ	13.2	13.1	12.9	12.8	12.8	12.8	12.7	12.7
yjiK	13.7	13.4	13.3	13.3	13.8	14.0	13.8	14.0
yjiL	12.8	12.8	12.7	13.0	15.1	14.5	15.3	15.3
yjiM	13.0	13.1	12.9	13.2	16.4	15.8	16.5	16.6
yjiN	13.7	13.6	13.3	13.4	13.5	13.9	13.4	13.7
yjiP	13.4	13.3	13.1	13.7	13.2	13.5	13.2	13.2
yjiQ	14.8	14.8	14.3	14.4	14.8	15.2	14.3	14.6
yjiR	14.2	14.3	14.1	13.8	13.6	13.6	13.5	13.4
yjiS	13.2	13.2	13.1	13.4	13.1	12.9	13.2	12.8
yjiT	15.4	15.3	14.9	15.1	14.8	15.1	14.5	14.7
yjiV	13.6	13.5	13.3	13.4	13.5	13.7	13.4	13.5
yjiX	15.7	15.5	15.7	15.2	15.5	15.8	15.6	15.3
yjiY	12.9	13.1	12.9	13.1	15.0	15.4	15.9	15.4
yjiA	15.6	15.6	15.2	15.4	15.1	15.6	15.0	15.3
yjiB	13.4	13.3	13.3	13.1	13.7	14.3	13.9	14.0
yjiG	15.1	15.0	14.9	14.7	14.8	14.7	14.8	15.1
yjiI	13.2	13.1	13.1	13.7	15.3	15.4	15.6	15.4
yjiJ	13.8	13.8	13.7	13.5	13.7	13.7	13.7	13.6
yjiK	17.0	16.8	17.0	17.0	16.3	16.4	16.4	16.5
yjiL	12.9	12.9	12.9	13.1	13.0	13.0	13.0	12.9
yjiM	13.4	13.3	13.2	13.2	12.9	13.2	13.0	12.9
yjiN	13.0	12.9	12.8	13.4	13.1	12.9	13.0	12.8
yjiP	13.7	13.6	13.4	13.1	14.5	15.2	14.7	14.5
yjiQ	12.8	12.9	12.7	14.2	12.7	12.8	12.7	12.6

<i>yjiU</i>	15.5	16.0	15.4	15.4	17.1	16.6	16.8	17.4
<i>yjiV</i>	14.8	15.2	14.5	14.7	15.9	15.7	15.8	16.4
<i>yjiW</i>	12.9	12.9	12.9	13.2	13.8	13.7	14.1	13.9
<i>yjiX</i>	14.7	14.8	14.6	14.1	14.7	14.9	14.6	15.0
<i>yjiY</i>	13.5	13.8	13.9	13.5	13.7	13.6	13.6	14.1
<i>yjiZ</i>	13.4	19.6	19.3	13.1	13.2	19.7	19.4	13.1
<i>yjiD</i>	15.0	14.7	14.5	15.0	14.7	14.5	14.5	14.4
<i>ykfA</i>	13.2	13.1	13.1	13.1	13.2	13.2	13.3	13.0
<i>ykfB</i>	14.0	13.9	14.0	13.5	13.8	13.9	14.0	13.6
<i>ykfC</i>	13.5	13.5	13.4	13.7	13.6	13.6	13.7	13.5
<i>ykfF</i>	12.9	12.9	12.8	13.3	13.0	12.9	12.8	13.0
<i>ykfG</i>	12.8	12.9	12.7	12.8	12.9	12.9	12.9	12.7
<i>ykfH</i>	12.8	12.9	12.7	12.9	13.0	12.8	12.8	12.6
<i>ykfI</i>	12.8	12.8	12.8	13.2	12.9	12.9	12.8	12.7
<i>ykfJ</i>	14.3	13.6	13.1	14.2	13.5	13.1	13.1	13.3
<i>ykfK</i>	12.9	12.8	12.8	13.1	12.9	12.9	13.0	12.9
<i>ykfL</i>	13.4	13.2	13.4	13.0	13.4	13.3	13.4	13.2
<i>ykfM</i>	12.5	12.6	12.4	12.6	12.5	12.5	12.3	12.5
<i>ykgA</i>	14.1	14.0	13.8	13.7	14.0	14.3	13.9	14.0
<i>ykgB</i>	13.0	13.1	12.9	13.1	12.9	12.9	12.7	12.7
<i>ykgC</i>	14.0	14.1	13.6	13.7	13.8	13.9	13.5	13.6
<i>ykgD</i>	13.2	13.1	13.0	13.8	13.0	13.2	13.1	13.0
<i>ykgE</i>	13.5	13.5	13.2	13.5	13.4	13.6	13.4	13.1
<i>ykgF</i>	13.8	13.8	13.6	13.5	13.5	13.8	13.6	13.5
<i>ykgG</i>	14.0	13.9	13.6	13.5	13.8	14.0	13.6	13.6
<i>ykgH</i>	12.8	12.8	12.6	12.9	12.7	12.8	12.5	12.5
<i>ykgI</i>	13.1	13.3	12.9	14.0	13.1	13.2	12.7	12.9
<i>ykgJ</i>	14.8	13.8	14.2	14.0	14.2	13.7	14.2	14.4
<i>ykgL</i>	13.3	13.4	13.1	13.1	13.1	13.5	12.9	13.1
<i>ykgM</i>	13.7	13.5	13.3	13.4	13.3	13.5	13.0	13.2
<i>ykgN</i>	15.2	15.1	14.7	14.5	14.9	15.5	14.8	15.1
<i>ykgO</i>	13.8	13.7	13.4	13.3	13.3	13.7	13.2	13.3
<i>ykgQ</i>	13.3	13.3	13.0	13.1	13.1	13.2	13.0	13.2
<i>ykgR</i>	13.2	13.3	13.2	13.3	13.0	13.2	13.0	13.0
<i>ykiA</i>	14.0	14.2	13.7	14.1	14.1	14.5	13.9	14.1
<i>ykiB</i>	12.9	12.8	12.6	13.0	12.9	12.8	12.6	12.8
<i>ylaB</i>	13.7	13.7	13.4	13.1	13.3	13.8	13.3	13.5
<i>ylaC</i>	16.1	16.0	15.9	15.5	13.6	14.1	13.5	13.6
<i>ylbE_1</i>	13.1	13.2	13.1	13.5	13.3	13.3	13.3	13.0
<i>ylbE_2</i>	12.7	12.8	12.8	13.1	12.9	12.9	12.9	12.7
<i>ylbF</i>	12.8	12.7	12.8	12.9	13.0	12.8	13.0	12.8
<i>ylbG</i>	14.3	14.4	13.9	13.8	14.0	14.5	14.1	14.4
<i>ylbH</i>	13.2	13.2	13.0	13.4	13.6	13.5	13.1	13.1
<i>ylcG</i>	13.3	13.3	13.1	13.3	13.1	13.3	13.0	13.0
<i>ylcH</i>	13.3	13.3	13.2	14.2	13.5	13.6	13.3	13.5
<i>ylcI</i>	13.3	13.3	13.2	13.2	14.2	14.3	13.9	14.0
<i>yliE</i>	14.5	14.4	14.1	14.1	14.2	14.8	14.1	14.3
<i>yliF</i>	14.5	14.3	14.0	13.9	13.9	14.5	13.9	14.1
<i>yliI</i>	13.7	13.6	13.4	13.4	13.5	13.7	13.4	13.5
<i>yliL</i>	13.0	13.1	13.0	12.9	14.0	13.3	13.2	12.9
<i>ymbA</i>	14.3	14.3	14.1	14.0	14.1	14.1	13.9	14.0
<i>ymcE</i>	14.7	14.8	14.8	14.2	14.5	14.7	14.2	14.3
<i>ymdA</i>	13.5	13.6	13.3	13.8	13.3	13.5	13.2	13.2
<i>ymdB</i>	15.0	15.2	14.8	14.5	15.1	15.2	14.8	14.9
<i>ymdC</i>	14.1	14.1	13.9	13.8	13.9	14.1	13.9	14.0
<i>ymdE</i>	12.8	12.8	12.6	13.0	12.9	12.9	12.7	12.8
<i>ymdF</i>	15.5	15.6	14.9	15.4	14.5	15.2	14.3	14.5
<i>ymfA</i>	13.6	13.3	13.3	13.1	13.3	13.4	13.2	13.2
<i>ymfD</i>	13.2	13.2	13.1	12.8	12.8	12.9	12.6	12.7
<i>ymfE</i>	13.6	13.7	13.6	13.1	13.3	13.5	13.1	13.1
<i>ymfH</i>	13.0	13.4	13.2	12.9	13.1	13.2	13.1	12.9

<i>ymfI</i>	16.9	17.0	16.2	16.8	16.7	17.3	16.3	16.7
<i>ymfJ</i>	13.7	14.3	13.7	13.4	13.3	13.8	13.3	13.2
<i>ymfK</i>	15.5	15.4	15.2	15.0	15.3	15.7	15.0	15.2
<i>ymfL</i>	12.9	13.5	13.0	13.1	12.8	13.0	12.8	12.7
<i>ymfM</i>	13.4	13.9	13.6	14.0	13.5	13.4	13.4	12.9
<i>ymfN</i>	12.8	13.2	13.0	13.4	13.3	13.0	13.0	12.8
<i>ymfO</i>	12.9	13.0	13.0	13.6	13.0	12.9	13.1	12.9
<i>ymfP</i>	12.8	12.9	12.8	13.4	13.3	12.8	13.0	12.6
<i>ymfQ</i>	12.7	12.7	12.7	13.5	12.9	12.8	12.9	12.6
<i>ymfR</i>	12.9	13.2	13.2	14.0	13.5	12.9	13.5	12.8
<i>ymfS</i>	13.2	13.3	13.1	13.7	13.0	13.4	13.1	13.1
<i>ymfT</i>	13.8	14.4	13.8	14.0	13.7	13.8	13.6	13.3
<i>ymgA</i>	14.4	14.3	14.0	13.8	13.2	13.3	13.0	13.0
<i>ymgC</i>	13.3	13.2	13.1	13.0	12.8	12.9	12.6	12.8
<i>ymgD</i>	16.0	15.2	15.0	15.8	16.3	16.3	16.1	16.4
<i>ymgE</i>	14.5	14.6	14.3	14.2	14.0	14.3	13.8	14.2
<i>ymgF</i>	13.3	13.2	13.1	13.4	13.4	13.3	13.1	13.2
<i>ymgG</i>	15.8	15.0	15.3	15.8	16.6	16.1	16.3	16.2
<i>ymgH</i>	13.3	13.2	13.1	13.4	13.4	13.3	13.3	13.0
<i>ymgI</i>	14.8	13.9	14.1	13.8	14.9	15.1	14.7	14.6
<i>ymgJ</i>	13.3	13.2	13.0	13.3	13.1	13.3	13.1	13.1
<i>ymiA</i>	18.2	17.7	17.4	17.7	17.3	17.2	16.2	17.4
<i>ymjA</i>	15.5	15.4	15.1	14.9	15.3	15.5	15.1	15.2
<i>ymjB</i>	13.0	13.1	12.9	13.3	13.1	13.1	12.9	13.0
<i>ymjC</i>	14.4	14.4	13.8	13.9	14.1	14.6	13.9	14.0
<i>ymjD</i>	14.6	14.6	14.0	14.1	14.2	14.7	14.1	14.4
<i>ynaA</i>	13.0	13.0	12.8	13.1	13.1	13.3	13.0	13.0
<i>ynaE</i>	13.5	13.6	13.2	13.2	13.6	13.9	13.3	13.4
<i>ynaI</i>	15.1	15.1	14.8	14.7	15.2	15.5	15.1	15.5
<i>ynaJ</i>	17.7	17.8	17.4	17.6	15.5	16.2	15.2	16.0
<i>ynaK</i>	13.4	13.4	13.3	13.5	13.4	13.7	13.4	13.3
<i>ynbA</i>	12.4	12.5	12.3	12.5	12.6	12.5	12.4	12.4
<i>ynbB</i>	12.5	12.5	12.4	12.7	12.6	12.6	12.4	12.5
<i>ynbC</i>	13.1	13.0	12.9	13.0	13.1	13.1	13.0	13.0
<i>ynbD</i>	13.3	13.3	13.1	13.3	13.5	13.4	13.4	13.3
<i>ynbE</i>	15.4	15.3	14.5	15.0	15.0	15.4	14.5	15.2
<i>ynbG</i>	13.4	13.3	13.1	13.4	13.3	13.5	13.1	13.5
<i>yncA</i>	15.8	15.8	15.4	15.4	16.5	16.6	16.3	16.7
<i>yncB</i>	15.1	15.2	14.9	14.8	15.3	14.9	14.7	14.9
<i>yncD</i>	14.2	14.3	14.0	13.9	12.9	13.2	12.9	12.7
<i>yncE</i>	16.2	19.4	17.9	15.9	13.1	19.5	17.3	13.4
<i>yncG</i>	13.5	13.6	13.2	13.3	13.3	13.4	13.2	13.5
<i>yncH</i>	12.8	12.9	12.7	12.9	12.9	12.8	12.6	12.7
<i>yncI</i>	13.0	13.0	12.8	13.6	12.9	13.3	12.7	12.7
<i>yncJ</i>	14.0	13.9	13.4	14.1	14.0	13.7	13.5	13.3
<i>yncK_1</i>	13.0	12.9	12.9	13.4	13.1	13.0	12.9	13.2
<i>yncK_2</i>	12.9	13.0	12.7	12.9	12.9	13.0	12.9	12.8
<i>yncL</i>	18.4	18.1	17.3	17.5	18.3	18.7	17.6	18.9
<i>yncM</i>	13.2	13.1	12.8	13.3	12.9	12.9	12.8	12.8
<i>yneE</i>	14.6	14.8	14.0	13.9	13.8	14.5	13.8	14.2
<i>yneF</i>	13.3	13.5	13.2	13.5	13.4	13.6	13.4	13.6
<i>yneG</i>	14.5	14.5	14.2	14.3	14.4	14.7	14.5	14.9
<i>yneH</i>	14.8	14.7	14.5	14.3	14.8	14.8	14.6	14.9
<i>yneJ</i>	13.8	13.7	13.6	13.5	13.8	13.8	13.8	13.8
<i>yneK</i>	12.9	12.8	12.7	12.9	12.8	13.0	12.7	12.6
<i>yneL</i>	13.1	13.1	13.0	13.1	13.1	13.2	13.1	13.0
<i>yneM</i>	17.1	16.9	16.4	15.9	17.7	17.6	16.6	17.0
<i>ynfA</i>	14.3	14.2	14.0	13.5	14.3	14.2	14.0	14.3
<i>ynfB</i>	17.7	17.8	17.4	17.6	17.8	18.0	17.7	17.8
<i>ynfC</i>	15.0	15.0	14.5	14.6	15.0	15.1	14.5	14.7
<i>ynfD</i>	15.4	15.6	14.8	14.9	14.7	15.5	14.4	15.1

<i>ynfE</i>	12.9	12.8	12.8	13.0	16.1	15.4	16.2	16.0
<i>ynfF</i>	13.7	13.0	13.5	13.5	17.2	14.5	17.2	17.0
<i>ynfG</i>	13.6	13.2	13.5	13.2	16.6	14.4	16.8	16.9
<i>ynfH</i>	13.9	13.7	13.9	13.3	16.7	14.4	16.7	16.8
<i>ynfK</i>	13.8	13.7	13.6	13.4	17.1	17.1	16.8	17.1
<i>ynfL</i>	13.5	13.5	13.3	13.5	13.5	13.5	13.5	13.4
<i>ynfM</i>	13.6	15.1	13.3	13.0	13.3	14.4	13.3	13.5
<i>ynfN</i>	13.3	13.2	13.0	13.1	13.2	13.3	13.1	12.9
<i>ynfO</i>	13.3	13.4	13.2	13.4	14.0	14.5	13.8	13.8
<i>ynfP</i>	13.1	13.0	12.8	13.3	13.0	12.9	12.9	13.0
<i>ynhF</i>	17.8	17.7	17.9	16.9	16.3	17.7	15.4	15.8
<i>ynhG</i>	15.5	15.7	15.5	15.5	15.4	15.6	15.3	15.4
<i>yniA</i>	15.4	15.4	15.1	15.3	15.8	15.8	15.9	16.0
<i>yniB</i>	15.8	15.7	15.2	15.6	15.6	15.9	15.4	15.7
<i>yniC</i>	15.8	15.7	15.5	15.8	15.4	15.7	15.4	15.3
<i>yniD</i>	14.1	14.1	13.8	13.5	14.0	14.5	13.9	14.1
<i>ynjA</i>	13.7	13.7	13.7	13.2	15.3	15.1	15.4	15.5
<i>ynjB</i>	13.7	13.7	13.6	13.4	15.4	15.2	15.5	15.5
<i>ynjC</i>	13.0	13.0	13.0	13.0	14.0	13.9	14.0	14.0
<i>ynjD</i>	13.5	13.4	13.3	13.1	14.1	14.3	14.1	14.4
<i>ynjE</i>	14.0	13.7	13.8	13.8	17.2	16.9	17.2	17.1
<i>ynjF</i>	13.9	13.9	13.8	13.9	13.7	14.1	13.9	14.1
<i>ynjH</i>	13.5	13.7	13.4	13.0	13.3	13.5	13.3	13.1
<i>ynjI</i>	13.1	13.1	12.9	13.2	13.0	13.0	12.8	13.0
<i>yoaA</i>	14.0	14.1	13.9	13.7	13.9	14.2	13.9	13.9
<i>yoaB</i>	17.8	17.8	17.5	17.7	17.3	17.5	17.1	17.3
<i>yoaC</i>	15.8	15.6	15.3	15.3	16.1	16.0	15.1	15.4
<i>yoaD</i>	13.1	13.2	13.0	13.2	13.1	13.1	13.1	13.1
<i>yoaE</i>	14.6	14.4	14.6	14.5	14.2	14.3	14.2	14.2
<i>yoaF</i>	14.5	14.2	14.2	13.9	14.6	14.4	14.2	14.2
<i>yoaG</i>	13.6	13.8	13.3	14.0	13.3	13.3	13.3	13.3
<i>yoaH</i>	15.5	15.7	15.1	14.8	15.7	15.6	15.0	15.4
<i>yoaI</i>	13.5	13.6	13.4	13.9	13.8	13.4	13.4	13.5
<i>yoaJ</i>	16.6	16.6	15.4	14.8	15.3	16.4	14.8	15.6
<i>yoaK</i>	17.2	17.1	16.4	16.5	16.1	17.4	15.8	16.5
<i>yobA</i>	16.3	16.2	16.2	16.1	15.1	15.3	14.9	15.1
<i>yobB</i>	15.0	15.0	14.8	14.9	14.9	15.1	14.8	14.8
<i>yobD</i>	14.7	14.3	14.5	14.3	14.4	14.4	14.4	14.7
<i>yobF</i>	20.1	19.8	19.6	19.5	20.1	20.1	19.6	20.0
<i>yobH</i>	14.8	14.9	14.2	14.2	14.0	14.7	13.7	14.1
<i>yobI</i>	13.3	13.4	13.3	13.3	13.4	13.5	13.3	13.4
<i>yodB</i>	14.5	14.1	14.6	13.9	14.1	13.4	13.1	14.6
<i>yodC</i>	15.6	15.5	15.4	15.5	16.3	15.7	15.6	15.7
<i>yodD</i>	15.9	16.1	15.0	15.5	15.4	15.8	14.6	15.5
<i>yoaE</i>	14.7	15.3	15.1	14.4	14.8	18.4	18.3	14.8
<i>yoaB</i>	16.1	16.1	15.4	15.9	16.2	16.7	15.7	16.0
<i>yoaE</i>	14.0	14.0	13.8	13.7	14.1	14.1	13.7	14.0
<i>yoaF</i>	13.0	13.0	12.8	13.0	13.0	13.1	12.9	12.9
<i>yoaI</i>	18.1	17.7	18.4	17.7	16.9	17.0	17.0	16.8
<i>yohC</i>	13.9	14.4	13.7	13.4	13.9	14.4	13.7	14.1
<i>yohD</i>	14.7	14.8	14.5	14.6	15.0	14.8	14.7	14.8
<i>yohF</i>	14.1	14.0	13.6	14.2	14.0	13.8	13.6	13.8
<i>yohH</i>	13.3	13.4	13.3	13.5	13.6	13.1	13.6	13.1
<i>yohJ</i>	13.9	14.7	13.7	13.7	14.0	15.2	14.5	14.4
<i>yohK</i>	13.7	14.2	13.4	13.2	13.6	14.6	14.1	14.1
<i>yohN</i>	15.4	15.5	15.2	14.9	15.0	15.3	15.2	15.2
<i>yohO</i>	15.1	15.1	14.8	14.4	14.0	14.2	13.7	14.1
<i>yohP</i>	15.5	15.9	15.1	14.3	14.3	14.7	13.7	14.1
<i>yojI</i>	14.5	15.7	15.4	13.9	12.9	15.4	15.1	12.8
<i>yojO</i>	13.1	13.1	13.0	13.1	13.4	13.3	13.2	13.1
<i>ypaA</i>	16.8	16.9	16.2	17.0	16.8	17.0	16.4	16.9

<i>ypaB</i>	13.1	13.1	12.9	13.3	13.1	13.3	12.9	12.8
<i>ypdA</i>	13.7	13.8	13.5	13.4	13.7	14.0	13.6	13.6
<i>ypdB</i>	15.0	15.2	14.7	14.8	14.8	15.5	14.8	15.1
<i>ypdC</i>	13.6	13.7	13.4	13.9	13.7	13.8	13.6	13.7
<i>ypdE</i>	12.8	12.8	12.7	13.0	12.8	12.7	12.9	12.7
<i>ypdF</i>	12.7	12.7	12.6	12.9	12.8	12.8	12.8	12.6
<i>ypdI</i>	13.0	13.0	12.9	13.4	13.0	13.2	12.8	12.9
<i>ypdJ</i>	13.3	13.4	13.1	13.1	13.3	13.3	13.2	13.1
<i>ypdK</i>	15.1	15.2	14.6	14.2	15.1	15.4	14.8	15.5
<i>ypeA</i>	15.6	15.6	15.1	15.3	15.8	15.5	15.3	15.8
<i>ypeB</i>	14.6	14.5	14.0	14.4	14.1	14.4	14.1	14.4
<i>ypeC</i>	13.8	13.7	13.6	13.2	13.6	13.5	13.3	13.2
<i>ypfG</i>	13.3	13.2	13.1	13.0	13.2	13.2	13.2	13.2
<i>ypfH</i>	14.4	14.6	14.2	14.1	14.5	14.6	14.4	14.5
<i>ypfJ</i>	15.7	15.6	15.4	15.3	15.9	15.8	15.7	15.7
<i>ypfM</i>	15.1	14.9	15.5	14.4	16.5	16.7	15.4	15.8
<i>ypfN</i>	15.3	15.2	14.8	14.8	15.2	15.3	14.9	15.2
<i>yp hA</i>	15.0	14.9	14.9	14.4	15.0	14.8	14.7	15.1
<i>yp hB</i>	13.3	13.3	13.4	13.3	13.7	13.3	13.5	13.2
<i>yp hC</i>	13.4	13.4	13.3	13.1	13.6	13.5	13.6	13.3
<i>yp hD</i>	12.9	12.9	12.9	13.0	13.1	12.9	13.1	12.8
<i>yp hE</i>	12.8	12.9	12.8	13.4	13.1	12.9	13.1	12.7
<i>yp hF</i>	13.0	13.1	12.8	13.4	13.3	13.1	12.8	12.7
<i>yp hG</i>	12.8	12.8	12.7	13.1	13.0	12.7	12.8	12.6
<i>yp hH</i>	13.7	13.8	13.5	13.4	13.5	13.8	13.5	13.4
<i>ypjA</i>	13.5	13.5	13.2	13.5	13.6	13.6	13.3	13.2
<i>ypjB</i>	12.7	12.7	12.5	12.9	12.7	12.7	12.4	12.9
<i>ypjC</i>	12.7	12.8	12.5	12.9	12.8	12.6	12.5	12.6
<i>ypjD</i>	15.2	15.3	15.0	14.6	15.2	15.6	15.2	15.5
<i>ypjF</i>	13.5	13.3	13.1	13.1	13.1	13.1	12.9	13.0
<i>ypjJ</i>	12.9	12.9	12.9	12.8	13.0	13.0	12.9	12.9
<i>ypjK</i>	13.1	13.2	13.1	13.1	13.4	13.1	13.1	12.7
<i>ypjM_1</i>	13.2	13.1	13.1	12.9	13.2	13.2	13.2	13.4
<i>ypjM_2</i>	13.1	13.1	13.1	12.8	13.4	13.3	13.2	13.2
<i>ypjM_3</i>	13.8	13.7	13.5	13.8	13.8	13.9	13.9	13.7
<i>yqaA</i>	16.4	16.2	16.0	16.1	16.3	16.4	16.1	16.3
<i>yqaB</i>	15.5	15.4	15.1	15.4	15.5	15.6	15.4	15.8
<i>yqaE</i>	16.1	16.0	15.7	15.3	15.0	15.3	14.6	15.3
<i>yqcA</i>	15.3	15.3	15.1	14.8	15.2	15.2	14.9	15.3
<i>yqcC</i>	15.5	15.4	15.2	15.0	14.9	15.3	14.8	15.1
<i>yqcE</i>	12.6	12.7	12.6	13.0	12.7	12.6	12.7	12.5
<i>yqcG</i>	13.1	13.1	12.8	13.1	13.0	13.0	12.8	12.9
<i>yqeA</i>	13.2	13.3	13.1	13.1	13.3	13.3	13.1	13.1
<i>yqeB</i>	13.2	13.2	13.0	13.4	13.3	13.2	13.2	13.1
<i>yqeC</i>	12.8	12.8	12.7	13.1	13.0	12.9	12.8	12.8
<i>yqeF</i>	14.7	14.6	14.9	14.4	13.1	13.1	13.1	12.9
<i>yqeG</i>	13.0	13.1	12.9	12.9	12.8	13.0	12.8	12.8
<i>yqeH</i>	12.9	13.0	12.8	12.9	12.8	13.0	12.7	12.9
<i>yqeI</i>	13.1	13.0	12.9	13.4	13.7	13.7	13.4	13.4
<i>yqeJ</i>	12.7	12.8	12.6	12.6	13.1	13.0	12.7	12.8
<i>yqeK</i>	12.8	13.0	12.7	13.2	12.9	12.8	12.6	12.8
<i>yqeL</i>	13.2	13.1	13.0	13.2	13.2	13.2	13.1	13.2
<i>yqfA</i>	14.8	15.5	15.3	14.5	14.6	15.8	15.6	14.9
<i>yqfB</i>	16.2	16.2	15.6	15.7	16.0	16.4	15.7	16.1
<i>yqfE</i>	13.9	13.8	13.7	14.1	14.1	14.0	13.8	13.9
<i>yqfG</i>	13.1	13.0	12.9	13.1	13.0	13.1	12.8	13.1
<i>yqgA</i>	13.2	13.3	13.1	13.1	13.5	13.6	13.7	13.7
<i>yqgB</i>	17.0	17.1	16.5	17.0	16.1	16.7	16.0	16.3
<i>yqgC</i>	12.8	12.8	12.7	12.9	12.9	12.9	12.9	12.8
<i>yqgD</i>	13.0	13.2	13.4	12.9	13.1	13.1	13.0	12.9
<i>yqgE</i>	16.4	16.5	16.3	16.2	16.5	16.8	16.6	16.7

<i>yqgF</i>	15.4	15.5	15.1	15.2	15.3	15.6	15.4	15.6
<i>yqhA</i>	17.1	17.0	16.4	17.0	15.6	16.2	15.3	15.9
<i>yqhC</i>	14.3	14.2	13.8	13.8	13.9	14.1	13.7	13.7
<i>yqhD</i>	15.5	15.3	15.3	15.3	15.9	16.2	16.2	16.2
<i>yqhG</i>	13.2	13.2	13.0	13.2	13.2	13.4	13.0	13.1
<i>yqhH</i>	13.4	13.3	13.1	13.2	13.2	13.5	13.2	13.2
<i>yqiA</i>	15.5	15.7	15.1	15.3	15.3	16.0	15.3	15.5
<i>yqiB</i>	16.8	17.0	16.0	16.7	16.6	17.2	16.3	16.7
<i>yqiC</i>	17.7	17.7	17.1	17.5	17.1	17.7	16.7	17.0
<i>yqiG</i>	12.9	12.9	12.7	13.2	12.9	13.0	12.7	12.8
<i>yqiH</i>	12.8	12.7	12.6	12.9	12.7	12.8	12.6	12.7
<i>yqiI</i>	12.9	12.9	12.7	13.2	12.9	12.9	12.7	12.7
<i>yqiJ</i>	12.8	13.0	12.8	12.6	13.0	12.9	12.6	12.7
<i>yqiK</i>	12.9	12.9	12.7	13.4	13.0	12.9	12.8	12.7
<i>yqjA</i>	15.7	15.5	15.3	15.0	15.5	15.8	15.3	15.5
<i>yqjC</i>	18.1	17.9	17.5	17.7	17.8	17.9	17.2	17.7
<i>yqjD</i>	18.0	18.1	17.7	18.1	18.1	17.4	17.5	17.8
<i>yqjE</i>	17.6	17.6	17.3	17.5	17.5	17.2	17.2	17.7
<i>yqjF</i>	13.5	13.4	13.3	13.1	13.3	13.5	13.3	13.2
<i>yqjG</i>	14.5	14.5	14.2	14.2	14.1	14.3	14.0	14.1
<i>yqjH</i>	14.3	16.4	16.6	13.8	13.2	16.0	16.9	13.0
<i>yqjI</i>	14.9	15.2	15.3	14.4	15.5	15.1	17.0	15.1
<i>yqjK</i>	15.1	15.2	15.3	14.9	15.2	14.8	14.9	15.6
<i>yraH</i>	13.2	13.2	13.0	13.3	12.9	13.1	12.8	12.9
<i>yraI</i>	12.7	12.7	12.5	13.1	12.8	12.7	12.6	12.6
<i>yraJ</i>	13.0	13.0	12.8	13.5	13.0	13.1	12.8	12.9
<i>yraK</i>	13.0	13.0	12.9	13.1	12.9	13.0	12.9	12.8
<i>yraN</i>	15.6	15.6	15.5	15.5	15.7	15.7	15.5	15.6
<i>yraP</i>	16.0	16.1	15.9	16.0	16.1	16.2	16.0	15.9
<i>yraQ</i>	14.5	15.1	15.1	14.5	14.9	14.4	14.7	14.6
<i>yraR</i>	14.0	14.0	13.9	13.9	14.2	13.9	13.9	13.9
<i>yrbA</i>	17.7	17.6	17.2	17.3	17.7	17.8	17.2	17.4
<i>yrbG</i>	15.0	14.7	14.7	14.5	15.1	15.0	14.8	14.9
<i>yrbL</i>	14.5	14.8	14.0	14.0	14.9	16.7	16.1	14.6
<i>yrbN</i>	18.0	17.8	16.9	18.1	17.8	18.3	17.7	18.0
<i>yrdA</i>	16.6	16.5	16.3	16.4	16.6	16.6	16.2	16.4
<i>yrdB</i>	15.1	14.9	14.6	14.4	14.7	14.8	14.3	14.5
<i>yrdD</i>	16.7	16.6	16.2	16.5	16.6	16.9	16.5	16.5
<i>yrfF</i>	14.4	14.3	14.1	14.2	13.9	14.2	13.8	14.0
<i>yrfG</i>	15.8	15.7	15.7	15.6	15.7	15.6	15.3	15.4
<i>yrhA</i>	13.6	13.6	13.5	13.5	13.8	13.6	13.6	13.7
<i>yrhB</i>	13.3	13.2	12.8	13.1	13.4	13.4	12.8	13.0
<i>yrhC</i>	13.8	13.6	13.6	13.8	13.4	13.5	13.0	12.9
<i>yrhD</i>	12.8	12.8	12.7	13.3	12.8	12.9	12.6	12.8
<i>ysaA</i>	13.6	13.6	13.4	13.2	14.0	14.4	14.3	14.4
<i>ysaB</i>	13.9	13.7	13.6	13.2	13.5	13.7	13.2	13.2
<i>ysdC</i>	13.3	13.3	13.1	13.6	13.3	13.2	13.2	13.1
<i>ysgA</i>	15.6	15.7	15.6	15.6	14.1	14.4	14.1	14.2
<i>yshB</i>	18.8	18.9	18.2	18.5	18.7	19.0	18.2	19.2
<i>yteA</i>	12.9	12.8	12.6	12.9	12.7	12.8	12.6	12.6
<i>ytfA</i>	12.7	12.7	12.6	12.9	12.7	12.7	12.5	12.5
<i>ytfB</i>	16.0	16.2	16.1	15.7	16.1	16.3	16.1	16.0
<i>ytfE</i>	13.2	13.2	12.9	13.2	13.1	13.1	13.0	12.9
<i>ytfF</i>	13.3	13.3	13.2	13.2	12.8	12.8	12.8	12.8
<i>ytfG</i>	14.0	14.0	13.8	13.7	13.8	13.9	14.0	13.9
<i>ytfH</i>	13.8	13.9	13.6	14.3	14.1	13.8	13.8	13.6
<i>ytfI</i>	12.8	12.8	12.6	13.4	12.8	12.7	12.5	12.7
<i>ytfJ</i>	13.7	13.6	13.6	13.6	13.1	13.2	13.1	12.9
<i>ytfK</i>	15.5	15.7	14.8	14.9	14.3	14.7	13.7	14.4
<i>ytfL</i>	14.5	14.3	14.0	14.0	14.2	14.5	14.3	14.5
<i>ytfM</i>	14.9	14.8	14.7	14.7	14.7	14.9	14.6	14.7

<i>ytfN</i>	14.7	14.6	14.5	14.2	14.6	14.8	14.6	14.5
<i>ytfP</i>	16.7	16.6	16.4	16.4	16.9	16.8	16.7	16.5
<i>ytfQ</i>	13.8	13.7	13.7	13.6	13.3	13.5	13.3	13.0
<i>ytfR</i>	13.0	13.0	13.0	13.1	13.7	12.9	12.9	12.8
<i>ytfT</i>	13.0	13.1	12.9	13.2	13.3	12.9	13.0	12.8
<i>ythA</i>	13.0	12.9	12.9	12.8	13.1	12.9	12.7	13.1
<i>ytjA</i>	18.2	17.9	17.9	18.3	15.5	15.7	15.1	16.0
<i>ytjB</i>	14.9	14.9	14.9	14.6	14.8	15.1	14.8	14.7
<i>ytjC</i>	15.0	15.0	15.1	14.8	15.0	14.9	14.9	15.0
<i>yzcX</i>	13.0	13.0	12.9	13.2	13.0	13.2	13.0	12.9
<i>yzfA</i>	13.0	12.9	12.9	13.5	12.9	13.1	12.9	13.0
<i>yzgL</i>	14.6	14.3	14.0	14.2	14.3	14.5	14.2	14.6
<i>zapA</i>	17.4	17.5	16.7	16.9	17.6	17.9	16.6	17.5
<i>zapB</i>	19.0	18.5	18.2	18.4	18.5	18.7	17.6	18.3
<i>zapC</i>	16.2	16.3	15.7	16.0	16.4	16.8	16.4	16.7
<i>zinT</i>	14.2	13.7	13.3	13.6	13.2	13.6	13.0	13.1
<i>zipA</i>	17.0	16.8	16.6	16.6	16.8	17.1	16.8	17.1
<i>zitB</i>	14.3	14.3	14.2	14.0	14.3	14.5	14.4	14.4
<i>zntA</i>	14.3	15.2	14.7	13.7	13.9	15.1	14.5	13.9
<i>zntR</i>	15.4	15.5	14.8	15.4	15.7	15.8	15.3	15.6
<i>znuA</i>	15.6	15.1	15.1	15.2	14.9	15.1	14.6	14.8
<i>znuB</i>	14.3	14.3	14.1	14.3	14.1	14.3	14.2	14.6
<i>znuC</i>	14.8	14.7	14.5	14.5	14.7	15.0	14.7	15.0
<i>zraP</i>	13.0	13.0	12.9	13.2	13.8	13.8	13.5	13.5
<i>zraR</i>	13.7	13.8	13.5	13.8	14.0	13.7	13.8	13.8
<i>zraS</i>	14.2	13.3	13.2	15.7	13.4	13.4	13.3	13.2
<i>zupT</i>	15.4	15.5	15.2	15.1	15.3	15.6	15.2	15.5
<i>zur</i>	15.1	15.1	14.6	14.8	15.3	15.6	15.1	15.4
<i>zwf</i>	17.2	17.4	17.0	17.2	17.2	17.5	17.1	17.1