0.003 - 0.002 - 0.001 - 0.000 -	Glucose -110-100-90 -80 -70 -60 -50 -40 -30 position relative		mntnal info [bits] 0.0050 - 0.0005 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.006 - 0.004 - 0.002 - 0.000 -	Xylose -110-100-90 -80 -70 -60 -50 -40 -30		0.006 - 0.005 - 0.004 - 0.003 - 0.002 - 0.000 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40
mutnal info [bits] 0.004 - 0.002 - 0.000 -	Arabinose -110-100-90 -80 -70 -60 -50 -40 -30	to TSS	mntral info [bits] 0.0050 - 0.0000 -	position relative to TSS  -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40
mutnal info [bits] 0.002 - 0.000 -	Galactose -110-100-90 -80 -70 -60 -50 -40 -30 position relative	-20 -10 0 10 20 30 40	[pits] 0.004 - 0.003 - 0.002 - 0.001 - 0.000 -	position relative to TSS  -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
[ 0.004 - 0.003 - 0.002 - 0.001 - 0.000 -	Sodium Salicy -110-100-90 -80 -70 -60 -50 -40 -30	tate -20 -10 0 10 20 30 40	0.004 - 0.002 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40
mntnal julo [pits] 0.003 - 0.002 - 0.001 - 0.000 -	Ethanol (2.5 -110-100-90 -80 -70 -60 -50 -40 -30	%)	mutnal info [bits] - 0.000 - 0.000 -	position relative to TSS  -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40
[ 0.004 - 0.003 - 0.002 - 0.001 - 0.000 -	position relative  Stationary Phas  -110-100-90 -80 -70 -60 -50 -40 -30	to TSS e (1d)	0.004 - 0.003 - 0.002 - 0.001 - 0.000 -	position relative to TSS  -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40
mutnal info [bits] - 0.000 - 0.000 -	position relative  Stationary Phas	to TSS e (3d)	0.002 - 0.001 - 0.000 -	position relative to TSS
0.008 - 0.006 - 0.004 - 0.002 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Cold Shock (1h a	to TSS t 10C)	0.010 - 0.005 - 0.000 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.003 - 0.002 - 0.001 - 0.000 -	Ampicillin -110-100-90 -80 -70 -60 -50 -40 -30	to TSS	[si] 0.004 - 0.003 - 0.002 - 0.001 - 0.000 -	position relative to TSS  position relative to TSS  -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40
mutnal info [bits] - 0.000 - 0.000 -	position relative  Heatshock  -110-100-90 -80 -70 -60 -50 -40 -30	to TSS	[5] 0.0020 - 0.0015 - 0.00000 - 0.000000 - 0.0000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.0000000 - 0.00000000	position relative to TSS  position relative to TSS  -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40
0.006 - 0.005 - 0.004 - 0.003 - 0.002 - 0.001 - 0.000 -	position relative H2O2 (0.1mM 3	to TSS Omin)	0.004 - 0.002 - 0.000 - 0.000 -	position relative to TSS
[stig] 0.004 - 0.003 - 0.002 - 0.001 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  LB  -110-100-90 -80 -70 -60 -50 -40 -30	to TSS	0.0010 - 0.0005 - 0.0000 - 0.0000 - 0.0000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
[sign old	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Nirtogen starva	to TSS ation	0.003 - 0.002 - 0.001 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutral info [bits] 0.004 - 0.0000 - 0.000 - 0.000	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Magnesium star	to TSS	mutral info [bits] - 0.000 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.002 - 0.001 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Sulphur starva	to TSS tion	0.0005 - 0.0005 - 0.0000 - 0.0000 - 0.0000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.0050 - 0.0025 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Sodium Salicytate (i	to TSS	mntnal info [bits] 0.003 - 0.000 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutnal info [bits] - 0.002 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Ampicillin (indu	to TSS	mutual info [bits] - 0.000 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutnal info [bits] - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Ethanol (induction)	-20 -10 0 10 20 30 40 to TSS	mutnal info [bits] - 0.000 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutnal info [bits] 0.002 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Glutamic acid (p	to TSS	[pits] 0.008 - 0.006 - 0.004 - 0.002 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.0000 - ign 0.00000 - ign 0.000000 - ign 0.00000 - ign 0.000000 - ign 0.000000 - ign 0.000000 - ign 0.000000 - ign 0.0000000 - ign 0.000000 - ign 0.0000000 - ign 0.00000000 - ign 0.0000000 - ign 0.00000000 - ign 0.00000000000000000000000000000000000	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Leucine (10m	to TSS	0.000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.000000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.0000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.0050 - 0.0050 - 0.0005 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  2pH (HCI)	to TSS	0.000 - 0.000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutnal info [bits] - 0.000 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Medium Cold sho	to TSS	0.008 - 0.006 - 0.004 - 0.002 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.000 - 0.0000 - 0.000	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  2,2-Dipyrid	to TSS	0.0004 - 0.0003 - 0.0002 - 0.0001 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.0000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.0000000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.0000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.0000000 - 0.0000000 - 0.00000000	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Phenazine Metho	to TSS	0.0000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.00000000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.0000	-110-100-90 -80 -70 -60 -50 -40 -30 position relative		0.0000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.0010 - 0.0005 - 0.0000 -	H2O2 (2.5mM, 1	.Omin)	mutraal juto [pits] 0.0006 - 0.0004 - 0.0002 - 0.0000 -	
0.0000 - 0.0	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Gentamicin	to TSS	0.0002 - 0.0000 - 0.0000 - 0.0004 - 0.0002 - 0.0000 - 0.0	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.002 - 0.000 - 0.004 - 0.002 - 0.000	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Copper Sulfate (5	to TSS	0.002 - 0.000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.002 - 0.000 - 0.0020 - 0.0015 - 0.0000 - 0.0005 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.000000 - 0.0000000 - 0.00000000	-110-100-90 -80 -70 -60 -50 -40 -30 position relative	to TSS	mntral info [bits]	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.0005 - 0.0000 - 0.0	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Spermidine	to TSS	0.001 - 0.000 - 0.000 - 0.002 - 0.0001	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.000 - 0.00000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.000000 - 0.00000 - 0.00000 - 0.000000 - 0.000000 - 0.000000 - 0.0000000 - 0.0000000 - 0.0000000 - 0.00000000	-110-100-90 -80 -70 -60 -50 -40 -30 position relative Serine Hydroxa	to TSS	mntral info [bits] - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.0002 - 0.0001 - 0.0000 - 0.0000 - 0.005 - 0.004 - 0.000 - 0.002 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Anaerobic	to TSS	mntnal info [bits] - 0.00000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.00000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.00000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.00000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
- 60000 [bits]	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Low Osmolar	to TSS	- 500.0 [bits]	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.000	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  LB + 0.75M N	to TSS	mntra 0.001 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
Je [pits] 0.008 - 0.006 - 0.004 - 0.000 - 0.00	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Low Phospha	to TSS	uto [pits]   mutnal info [pits]   mutnal info [pits]	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
fo [bits]	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Copper Sulfate (	to TSS	info [bits] mutral info [bits] mutral info [bits] mutral info [bits] 0.001 - 0.000 - 0.003 - 0.002 - 0	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
[bits] mutual info [bits] - 0.000 - 0.	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Acetate		- 100.00 mntra - 00000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
[pits] 0.004 - 0.002 - 0.000 - 0.000 - 0.004 -	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Nitrate		0.004 - 0.003 - 0.002 - 0.001 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
pits] mutual info [bits]	-110-100-90 -80 -70 -60 -50 -40 -30 position relative  Anaerobic + Ni	to TSS	pits] mutual info [bits] - 0.000 - 0.000 - 0.000 - 0.000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.0050 - 0.0050 - 0.0025 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 position relative		mutual info [bits] - 0.000 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS