0.0020 - 0.0015 - 0.0010 - 0.0005 - 0.0000 -	Glucose -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	[5] 0.0020 - 0.0015 - 0.0000 - 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
mntnal info [bits] - 0.000 - 0.000 -	Xylose -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 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mntnal info [bits]	Arabinose -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	0.0020 - 0.0015 - 0.0005 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutraal info [bits] - 0.000 - 0.000 -	Galactose -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	o.0010 - 0.0005 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutraal in 0.000 - 2.00.0 [pits] - 2.00.0 - 0.000 - 0.	Sodium Salicytate -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	0.0005 - 0.0005 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
0.0010 - 0.0005 - 0.0000 - 0.0000 - 0.0000	Ethanol (2.5 %) -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	0.0020 - 0.0015 - 0.0010 - 0.0005 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits] - 0.000 -	Stationary Phase (1d) -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40	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
mntnal info [bits] - 0.000 - 0.000 - 0.000 -	position relative to TSS Stationary Phase (3d) -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40	[s 0.006 - 0.005 - 0.004 - 0.003 - 0.002 - 0.0000 - 0.000 - 0.	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutral info [bits] - 0.000 - 0.000 -	position relative to TSS Cold Shock (1h at 10C) -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 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits] - 100.00 - 000.0	Ampicillin -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	mrtag 0.0008 - 0.0006 - 0.0004 - 0.0002 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits] - 0.0000 - 0.0000	Heatshock -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	mutral info [bits] - 0.0000 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mntnal info [bits] - 0.0000 - 0.0000 -	H2O2 (0.1mM 30min) -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40	0.003 - 0.002 - 0.000 - 0.000 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40
[si 0.0020 - 0.0015 - 0.0010 - 0.0005 - 0.0000 -	LB LB -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	[s] 0.0008 - 0.0006 - 0.0004 - 0.0002 - 0.0000 -	position relative to TSS -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
- 0.000 - 0.000 - 0.000	Nirtogen starvation -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	[si 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
mutual info [bits] - 0.000 - 0.000 -	Magnesium starvation -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	[si 0.006 - 0.005 - 0.004 - 0.003 - 0.002 - 0.000 - 0.	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutral [pits] 0.006 - 0.005 - 0.003 - 0.002 - 0.000 -	Sulphur starvation -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	[si] 0.0020 - in transport of the color of t	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits] - 500.0 - 000.0	Sodium Salicytate (induction) -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	mntral 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
mutral info [bits] - 0.0000 - 0.0000 -	Ampicillin (induction) -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	mntral info [bits] - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits] - 0.0000 - 0.0000 -	Ethanol (induction) -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	0.0010 - untral info [pits] 0.0005 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits] - 00000 - 00000	Glutamic acid (pH 2.5) -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	mutnal info [bits] - 0.00 - 0.00	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits] - 0.0000 - 0.0000	Leucine (10mM) -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	[5] 0.0015 - 10.0005 - 10.00000 - 10.000000 - 10.000000 - 10.00000 - 10.00000 - 10.00000 - 10.00000 - 10.00000 - 10.000000 - 10.000000 - 10.000000 - 10.000000 - 10.0000000 - 10.000000000 - 10.00000000 - 10.0000000000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
- 0.020 - - 0.015 - - 0.005 - - 0.000 -	2pH (HCl) -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 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits] - 0.0000 - 0.0000 -	Medium Cold shock 19C -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	mrtral info 0.0015 - 0.0000 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits]	2,2-Dipyridyl -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 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutraal julo [pits] 0.004 - 0.002 - 0.001 - 0.000 -	Phenazine Methosulfate -110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS	[si] 0.0020 - 0.0015 - 0.0010 - 0.0005 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits] - 0.0000 - 0.0000 - 0.0000	H2O2 (2.5mM, 10min)	mntnal info [bits] - 0.003 - 0.001 - 0.000 -	
mutnal info [bits] - 800.0 - 800.0 - 200.0 - 000.0	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS Gentamicin	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] - 0.000 - 0.000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS Copper Sulfate (500μM)	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
mutual info [bits] - 0.0000 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS HOCI (4mM)	0.0015 - ig 0.0010 - ig 0.0005 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutral 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 Spermidine	mutral info [bits] - 0.0000 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits] - 0.0000 - 0.0000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS Serine Hydroxamate	mutral pits - 0.00015 - 0.00005 - 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 - 0.000000 - 0.000000 - 0.0000000 - 0.00000000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutral info [bits] - 0.0015 - 0.0005 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS Anaerobic	0.0015 - untral info [bits] 0.0005 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mntral into [o.004 - 0.003 - 0.000 - 0	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS Low Osmolarity	0.0008 - 0.0006 - 0.0004 - 0.0002 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits] - 0.000 - 0	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS LB + 0.75M NaCl	0.0020 - 0.0015 - 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 - 0.00000000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits] - 0.0000 - 0.0000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS Low Phosphate	0.0000 - 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
0.0000 - mntnal info [bits] - 0.015 - 0.005 - 0.0000 - 0.	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS Copper Sulfate (2mM)	0.0000 - 0.00000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.0000 - 0.00000000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutagli pits] - 0.000	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS Acetate	[si 0.000 - 0.004 - 0.002 - 0.001 - 0.000 - 0.	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mutual info [bits]	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS Nitrate	mutnal info [bits] - 0.0000 - 0.0000 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS Anaerobic + Nitrate	- 8000.0 fr. - 8000.0 fr. - 2000.0 fr. - 2000.2 -	-110-100-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 position relative to TSS
mntral iuto [pits] 0.0020 - 0.0015 - 0.0000 - 0.0000 -	position relative to TSS		