Supplementary Table II: Neighbor regulation in E. coli

TF	Regulated adjacent TU	Type of regulation on neighboring	Autoregulation	Additional common regulator ^a	Regulon size ^b	Orientation ^c
		TU		, eg.,		
acrR	acrAB	Negative	-	-	1	Div ^e
araC	araBAD	Dual	Negative	CRP	4	Div ^e
asnC	asnA	Positive	Negative	-	1	Div ^e
betI	betT	Negative	Negative	arcA	1	Div ^e
CRP	yhfA	Dual	Dual	-	78	Div ^e
cpxR	cpxP	Positive	Positive	-	8	Div ^e
csgD	csgBA	Positive	Positive	ompR	1	Div ^e
cynR	cynTSX	Positive	Negative	-	1	Div ^e
dsdC	dsdXA	Positive	Negative	-	1	Div ^e
fucR	fucAO	Positive	Positive	CRP	1	Div ^e
glcC	glcD	Positive	-	-	1	Div ^e
glpR	glpD	Negative	-	-	4	Div ^e
ilvY	ilvC	Positive	Negative	-	1	Div ^e
leuO	leuLABCD	Positive	-	-	2	Div ^e
lysR	lysA	Positive	Negative	-	1	Div ^e
malI	malXY	Negative	Negative	CRP	1	Div ^e
MalT	malPQ	Positive	-	-	5	Div ^e
melR	melba	Positive	Negative	CRP	1	Div ^e
mhpR	mhpA	Positive	-	-	1	Div ^e
nagC	nagE	Negative	Negative	CRP	3	Div ^e
narL	nark	Positive	-	-	13	$\mathrm{Div}^{\mathrm{e}}$
$pspF_{i}$	pspABCDE	Positive	Negative	-	1	Div ^e
rhaS ^d	rhaBAD	Positive	Positive	-	2	Div ^e
rpiR	rpiB	Negative	-	-	1	Div ^e
rtcR	rtcBA	Negative	-	-	1	Div ^e
soxR	soxS	Positive	Negative	-	1	Div ^e
tdcR	tdcABCDEFG	Positive	-	-	1	Div ^e
torR	torCAD	Positive	Negative	-	1	Div ^e
xylR	xylAB	Positive	Positive	-	1	Div ^e
yiaJ	yiaK	Negative	-	-	1	Div ^e
zraR	zraP	Positive	-	-	1	Dive
hcaR	hcaA1A2CBD-	Positive	-	-	1	Div ^e
	yhpA					a
adiY	adiA	Positive	-	-	1	Uni ^e
exuR	exuT	Negative	-	-	3	Uni ^e
fhlA	hypABCDE	Positive	-	-	3	Unie
fliA	fliC	Positive	-	-	11	Unie
kdpE	kdpABC	Positive	-	-	1	Uni ^e
rbsR	rbsDACBK	Negative	-	-	l	Uni ^e
xapR	xapAB	Positive	-	-	1	Uni ^e
atoC	atoDAE	Positive	-	-	l	Uni ^f

cadC	cadBA	Positive	-	-	1	Uni ^f
caiF	caiTABCDE	Positive	-	CRP	2	Con ^f
dcuR	dcuB-fumB	Positive	-	-	3	Uni ^f
ebgR	ebgAC	Negative	-	-	1	Uni ^f
Gals	mglBAC	Negative	Negative	CRP	1	Uni ^f
gntR	gntKU	Negative	-	-	3	Uni ^f
lacI	lacZYA	Negative	-	-	1	Uni ^f
rhaS ^d	rhaT	Positive	Negative	-	2	Con ^f
treR	treBC	Negative	-	-	1	Uni ^f
uhpA	uhpT	Positive	-	-	1	Uni ^f

^aAdditional transcription factor that regulates both the TU encoding the TF and its neighboring TU

^bNumber of TUs regulated by TF. Does not include auto-regulations.

^cOrientation of the TU encoding the TF relative to its regulated neighbor. Div=divergent, Con=convergent and Uni=unidirectional de Transfer it regulates both its upstream adjacent TU and its downstream adjacent TU.

^eRegulated TU is located upstream to the TU encoding the regulating TF

^fRegulated TU is located downstream to the TU encoding the regulating TF