

disjoint systems

only auto-regulators



-emrRAB
+farR
+hipBA
+idnDOTR
+moaA_E
-modA_E
-mliADR
-srlA_D
+tdcA.G

single regulation



-ilvY,+
kdpE+
leuO,+
-lrp+/-
mhpR+
rbsR-
-rpiR-
xapR+
+xyIFGHR+
yjbK-
zntR,+

multi input promoters



-uxuABR,-uidR-
-govA+/-,govR-,-lrp+,-purR-
-hydHG+,-rpoN+
-lrp+,-hns+
pspF+,-IHF+,-rpoN+

additional SIM

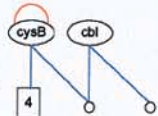


agaR,-2
birA,-2
-fis+,-21
-lexA,-11
-lrp,-5
-lrp+,-2
-nadR,-2
+phoR+,-4
-purR,-14

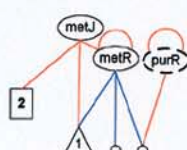
other systems



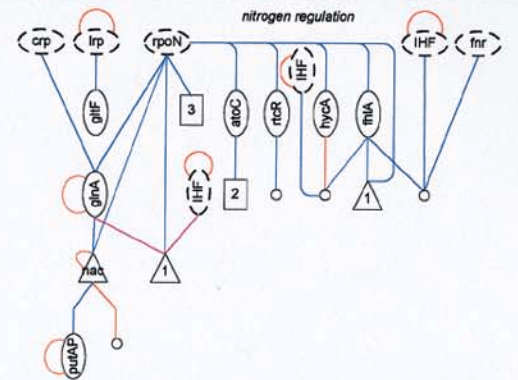
argR-
-IHF-



lrpR-
tyrR-



exuR-
uxuR-
uidR-



Web Fig. A-4