





	Cin	EAA	ENT	rRNAp	Deg	Maint	r
С	1	–1	-0.66	-0.05	Ö	1	0
AA	0	1	-0.34	0	0	0	-1
NT	0	0	1	-1	1	-1	0
rRNA	0	0	0	0.95	-1	0	0
р	0	0	0	0	0	0	1

K

	Cin	EAA	ENT	rRNAp	Deg	Maint	r
x_C	0.1	0	0	0	Ö	0	0
C	1	1	1	0	0	0	0
AA	0	5	1	0	0	0	1
NT	0	0	5	1	0	1	0
rRNA	0	0	0	0	50	0	0
р	0	0	0	0	0	0	0

KA

	Cin	EAA	ENT	rRNAp	Deg	Maint	r
x_C	0	0	0	Ō	Ö	0	0
С	0	0	0	0	0	0	0
AA	0	0	0	0	0	0	0
NT	0	0	0	0	0	0	0
rRNA	0	0	0	0	0	0	50
р	0	0	0	0	0	0	0

kcat

116			[,3]					
kcatt	200	7.3846	9.8004	140	140	10	4.5	
kcatb	40	1.47692	1.96008	0	0	0	0	

Keq

	[,1]	[,2]	[,3]	[,4]	[,5]	[,6]	[,7]
[1,]							

minimal phi constraint

minimal f constraint