

	ctr	ntr	met	NTS	AAS	DNAp	RNAp	TCS	r
С	1	0	-0.4	-0.5	-0.6	0	0	0	0
N	0	1	-0.2	-0.3	-0.2	0	0	0	0
ADP	0	0	-0.4	0.1	0.1	0	0	0.1	0.1
ATP	0	0	1	-0.2	-0.2	0	0	-0.1	-0.1
Α	0	0	0	0	0.9	0	0	-0.2	0
NT	0	0	0	0.9	0	-1	-1	0	0
DNA	0	0	0	0	0	1	0	0	0
RNA	0	0	0	0	0	0	1	-0.7	0.6
TC	0	0	0	0	0	0	0	0.9	-0.9
р	0	0	0	0	0	0	0	0	0.3

K

	ctr	ntr	met	NTS	AAS	DNAp	RNAp	TCS	r
x_C	0.1	0	0	0	0	Ō	Ō	0	0
x_N	0	0.1	0	0	0	0	0	0	0
С	0	0	4	4	4	0	0	0	0
N	0	0	2	2	2	0	0	0	0
ADP	0	0	17	0	0	0	0	0	0
ATP	0	0	0	11	11	0	0	11	11
Α	0	0	0	0	0	0	0	6	0
NT	0	0	0	0	0	5	5	0	0
DNA	0	0	0	0	0	0	0	0	0
RNA	0	0	0	0	0	0	0	7	0
TC	0	0	0	0	0	0	0	0	14
р	0	0	0	0	0	0	0	0	0

KA

	ctr	ntr	met	NTS	AAS	DNAp	RNAp	TCS	r
x_C	0	0	0	0	0	0	0	0	0
x_N	0	0	0	0	0	0	0	0	0
С	0	0	0	0	0	0	0	0	0
N	0	0	0	0	0	0	0	0	0
ADP	0	0	0	0	0	0	0	0	0
ATP	0	0	0	0	0	0	0	0	0
Α	0	0	0	0	0	0	0	0	0
NT	0	0	0	0	0	0	0	0	0
DNA	0	0	0	0	0	5	5	0	0
RNA	0	0	0	0	0	0	0	0	0
TC	0	0	0	0	0	0	0	0	0
р	0	0	0	0	0	0	0	0	0

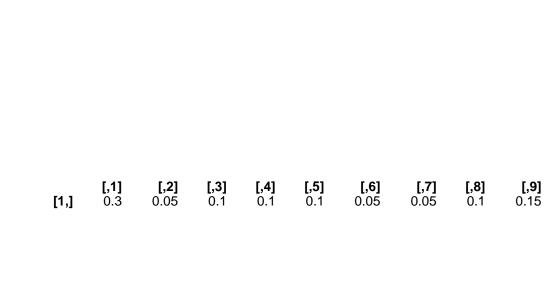
kcat

	ctr	ntr	met	NTS	AAS	DNAp	RNAp	TCS	r
[1,]	6	16	32	25	23	4	19	87	40
						0			

Keq



phi input



average saturation input

minimal phi constraint

[1,]

minimal q constraint

	[.1 <u>]</u>	ſ. 2 1	ſ. 3 1	ſ. 4 1	[,5]	[.6]	ſ. 7 1	[.81]	[.9]
[1,]	0	0	0	0	0	0	0	0	0