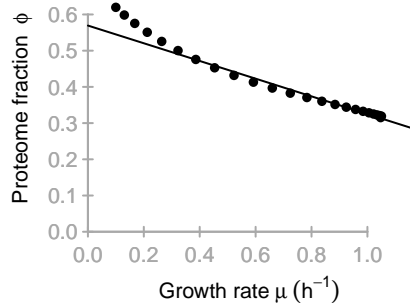
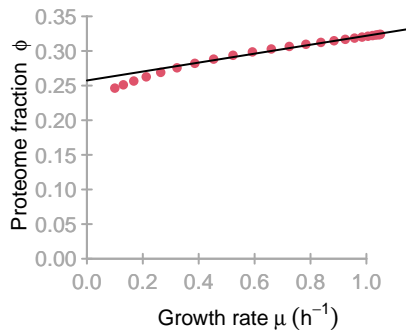


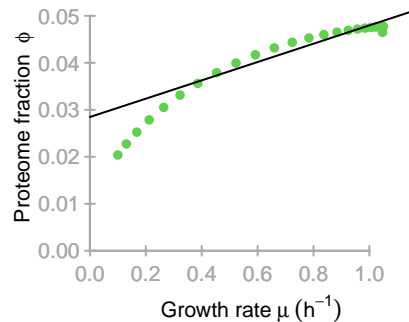
**Cin**



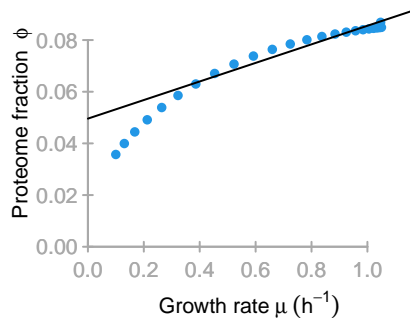
**Met**



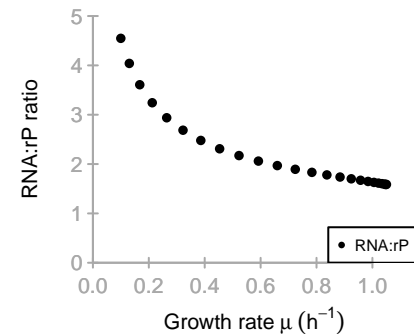
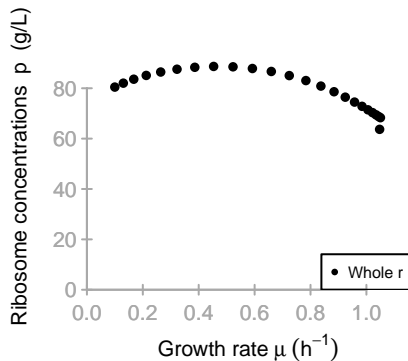
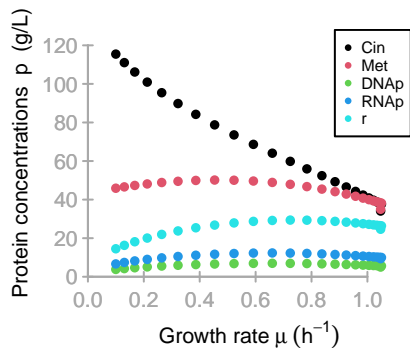
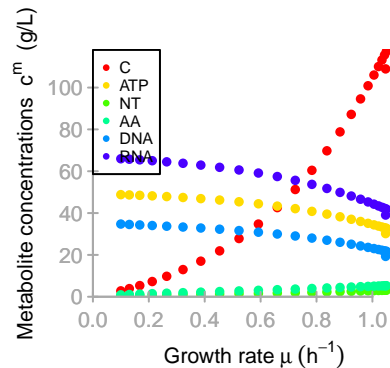
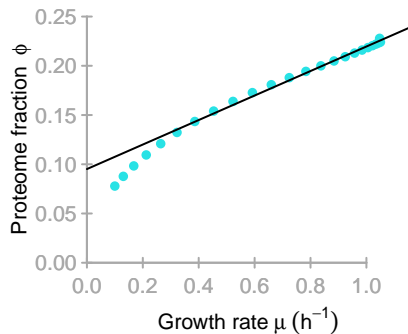
**DNAP**

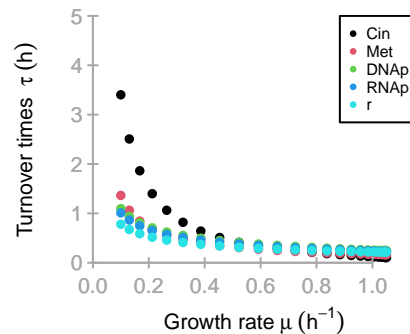
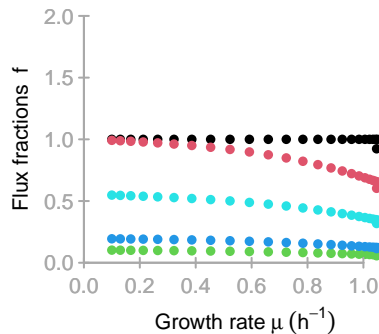
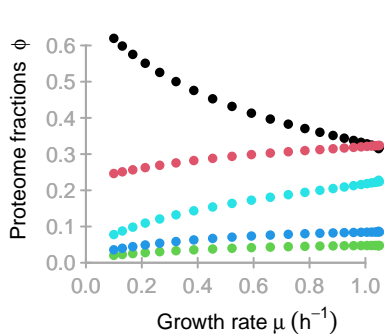
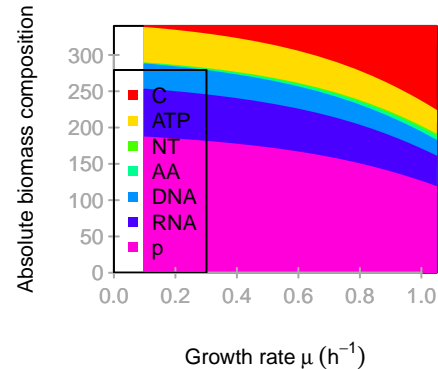
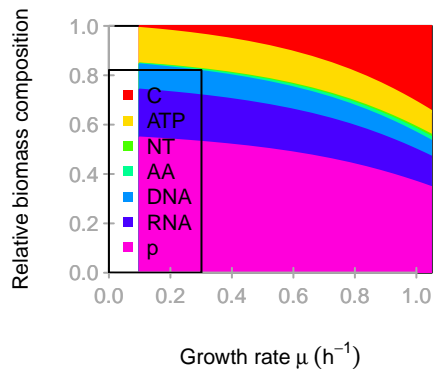
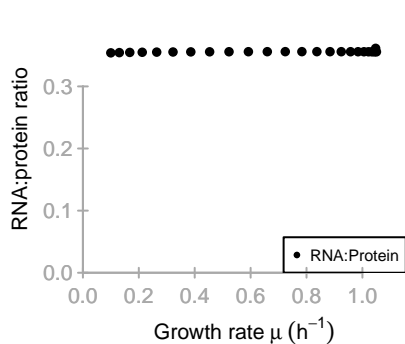


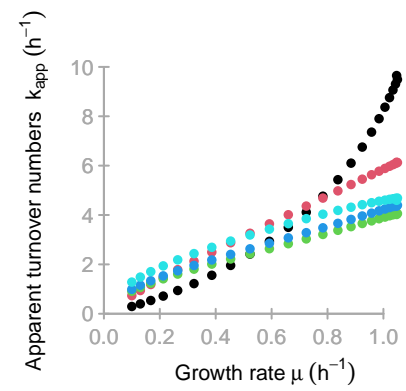
# RNAp



# r







# M

	Cin	Met	DNAP	RNAP	r
C	1	-1	0	0	0
ATP	0	0.2	0	0	-0.1
NT	0	0.3	-1	-1	0
AA	0	0.5	0	0	-0.9
DNA	0	0	1	0	0
RNA	0	0	0	1	0
p	0	0	0	0	1

# K

	Cin	Met	DNAP	RNAp	r
[1,]	1	0	0	0	0
[2,]	50	1	0	0	0
[3,]	0	2	0	0	2
[4,]	0	3	5	5	0
[5,]	0	4	0	0	8
[6,]	0	0	0	0	0
[7,]	0	0	0	0	0
[8,]	0	0	0	0	0

# KA

	Cin	Met	DNAp	RNAp	r
[1,]	0	0	0	0	0
[2,]	0	0	0	0	0
[3,]	0	0	0	0	0
[4,]	0	0	0	0	0
[5,]	0	0	0	0	0
[6,]	0	0	3	3	0
[7,]	0	0	0	0	5
[8,]	0	0	0	0	0

**kcat**

	<b>[,1]</b>	<b>[,2]</b>	<b>[,3]</b>	<b>[,4]</b>	<b>[,5]</b>
<b>kcatf</b>	10	11	12	13	14
<b>kcatb</b>	2	3	0	0	0



## Keq

<b>[1,]</b>	<b>[,1]</b>	<b>[,2]</b>	<b>[,3]</b>	<b>[,4]</b>	<b>[,5]</b>
	250	88	Inf	Inf	Inf