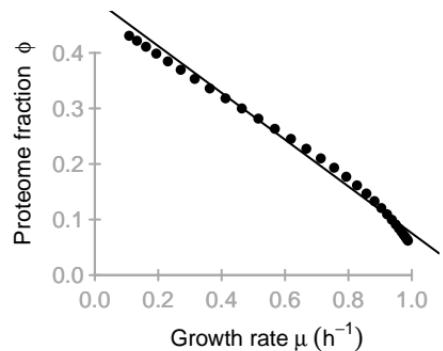
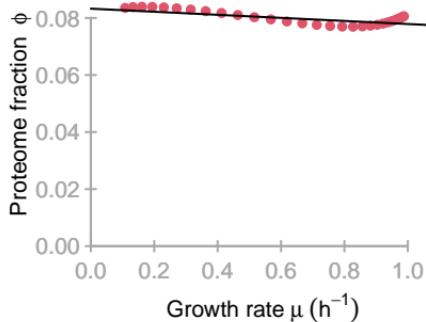


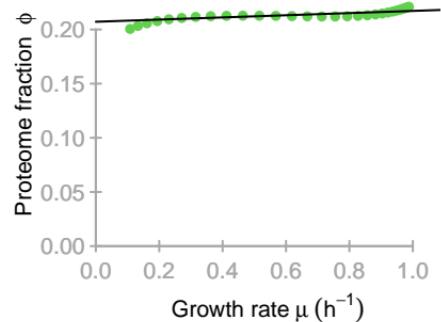
TC



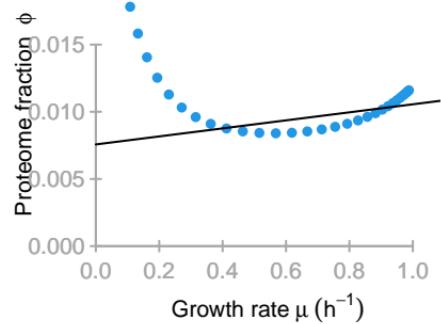
ATPS



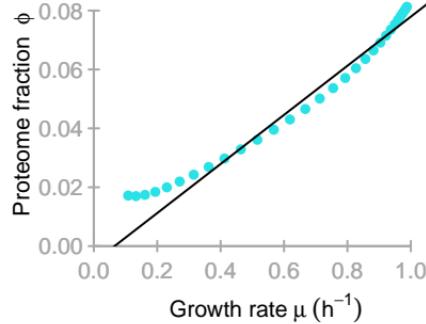
EAA



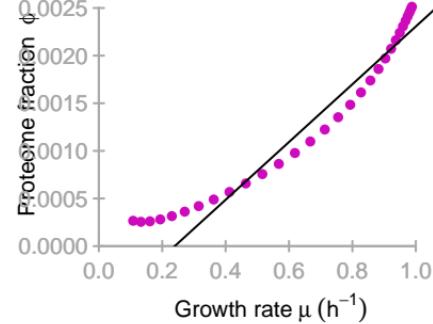
ENT



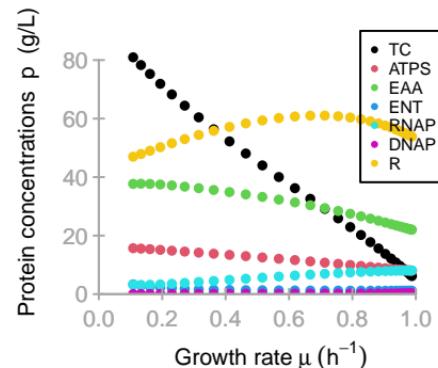
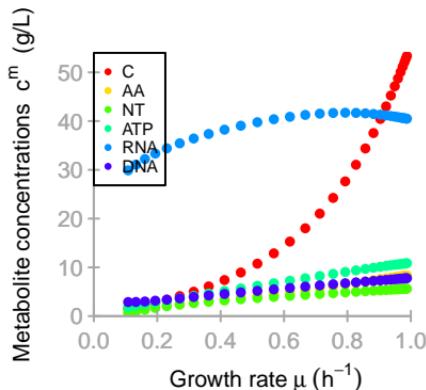
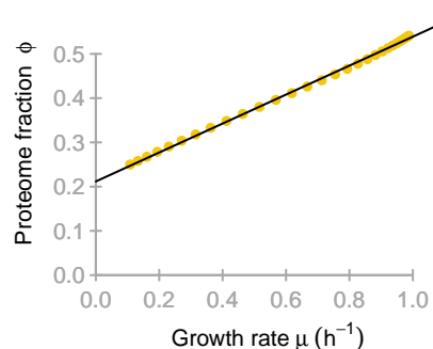
RNAP

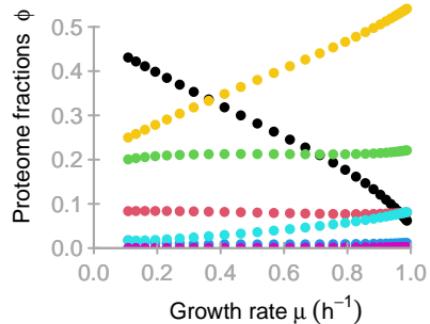
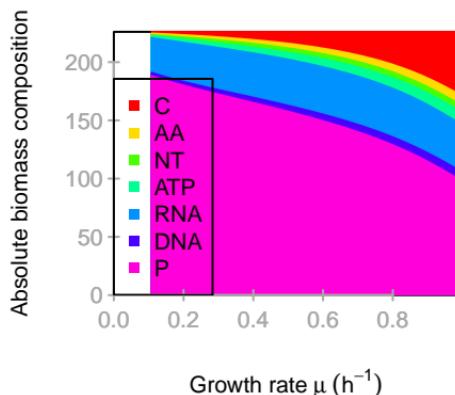
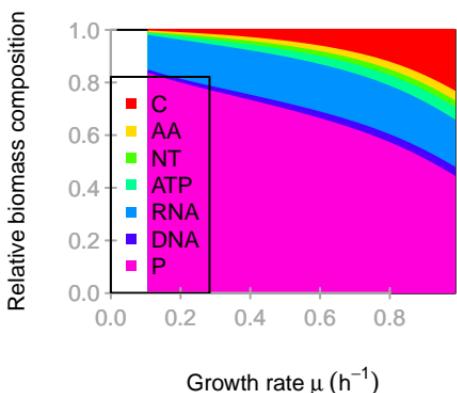
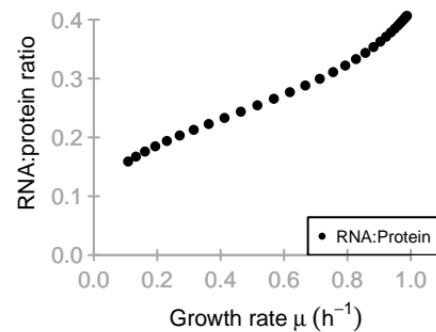
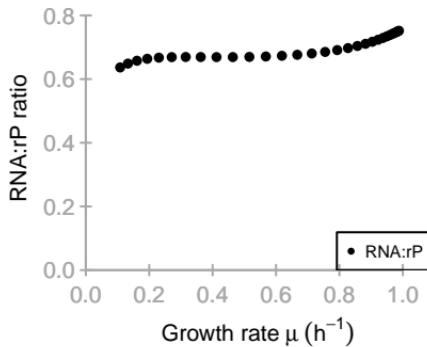
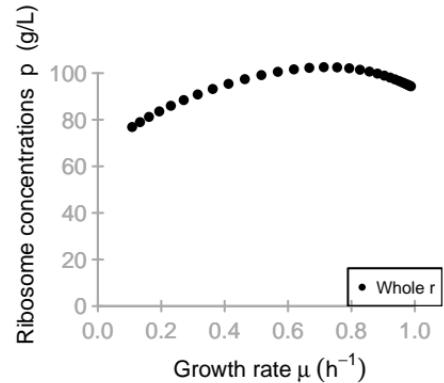


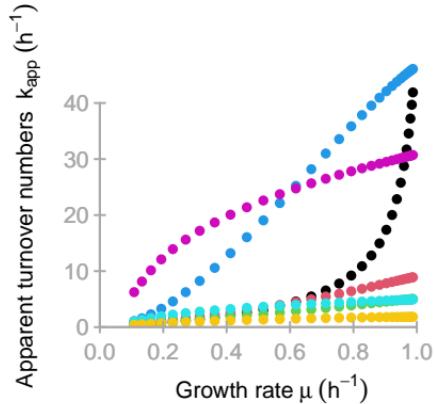
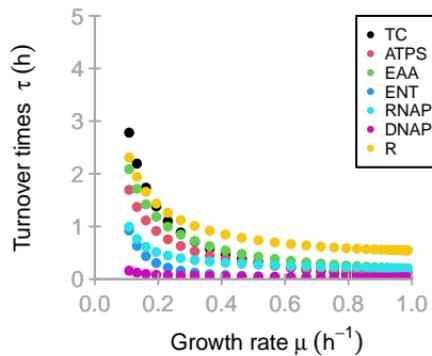
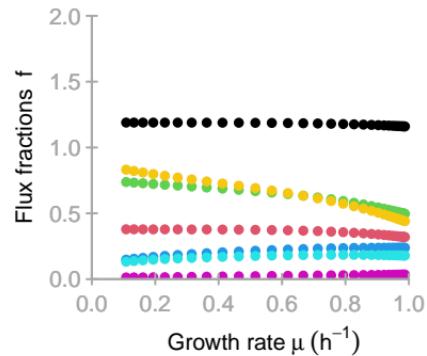
DNAP



R







# M

	TC	ATPS	EAA	ENT	RNAP	DNAP	R
C	1	-1	-1	-0.45	0	0	0
AA	0	0	1	-0.45	0	0	-0.8
NT	0	0	0	1	-1	-1	0
ATP	0	0.5	0	-0.1	0	0	-0.2
RNA	0	0	0	0	1	0	0
DNA	0	0	0	0	0	1	0
P	0	0	0	0	0	0	1

# K

	TC	ATPS	EAA	ENT	RNAP	DNAP	R
x_C	1	0	0	0	0	0	0
x_W	0	0	0	0	0	0	0
C	36	12	12	12	0	0	0
AA	0	0	5	2	0	0	2
NT	0	0	0	5	2	2	0
ATP	0	5	0	2	0	0	2
RNA	0	0	0	0	0	0	0
DNA	0	0	0	0	0	0	0
P	0	0	0	0	0	0	0

# KA

	TC	ATPS	EAA	ENT	RNAP	DNAP	R
x_C	0	0	0	0	0	0	0
x_W	0	0	0	0	0	0	0
C	0	0	0	0	0	0	0
AA	0	0	0	0	0	0	0
NT	0	0	0	0	0	0	0
ATP	0	0	0	0	0	0	0
RNA	0	0	0	0	0	0	32
DNA	0	0	0	0	5	5	0
P	0	0	0	0	0	0	0

# **kcat**

	[,1]	[,2]	[,3]	[,4]	[,5]	[,6]	[,7]
<b>kcatf</b>	53.9	16.9	8.7	83.6	11	68.4	4.8
<b>kcatb</b>	10.8	3.4	1.7	16.7	0	0	0

# Keq

[1,]	179.6666666666667	[,1]	2.07107843137255	[,2]	2.13235294117647	[,3]	0.521457085828343	[,4]	Inf	[,5]	Inf	[,6]	Inf
------	-------------------	------	------------------	------	------------------	------	-------------------	------	-----	------	-----	------	-----