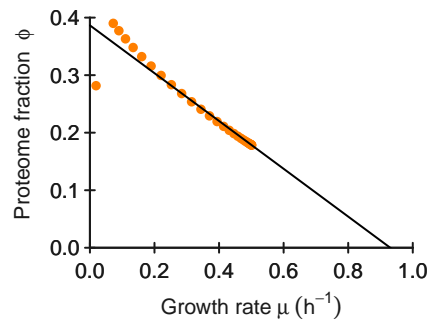
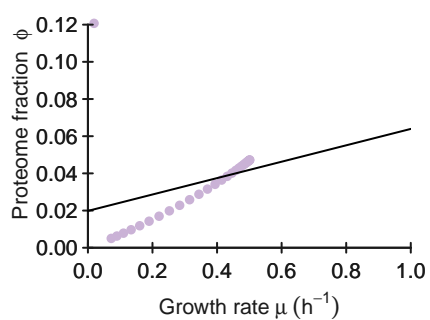
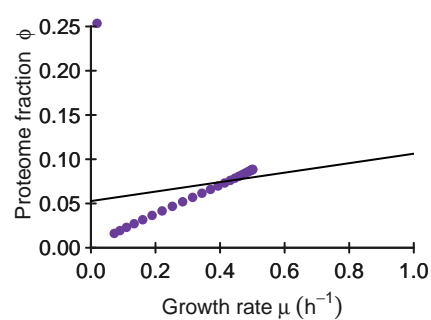
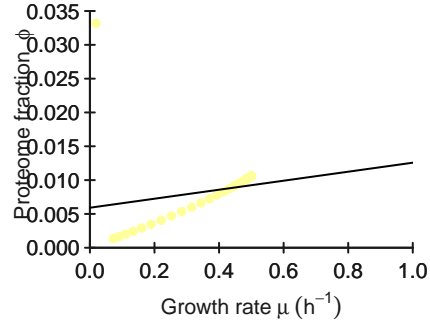
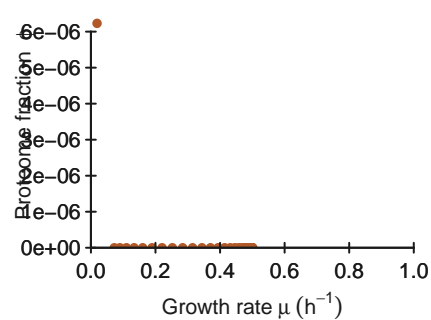
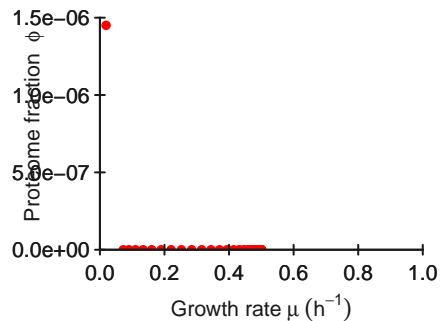
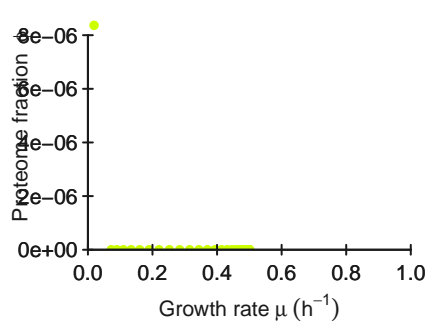
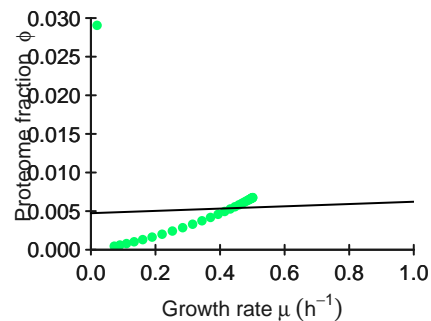
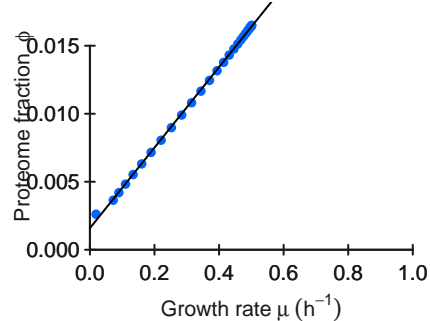
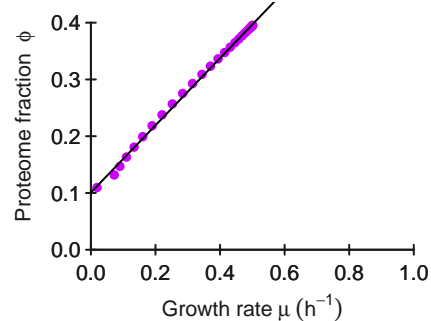
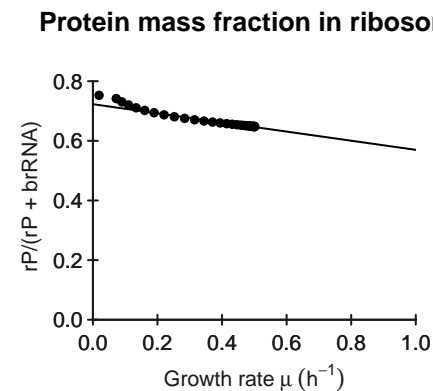
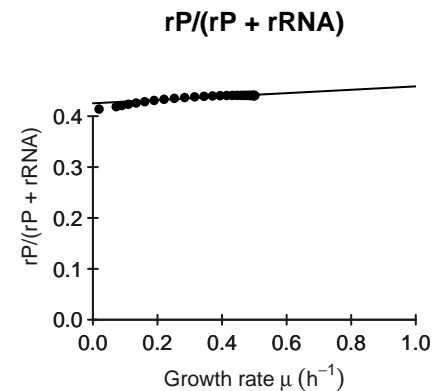
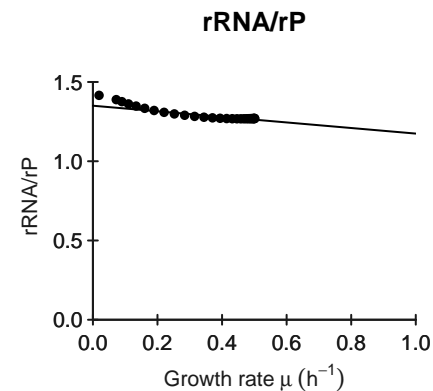
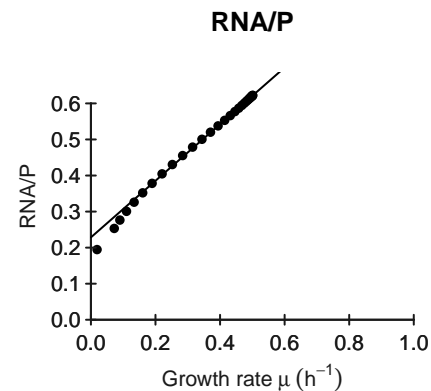
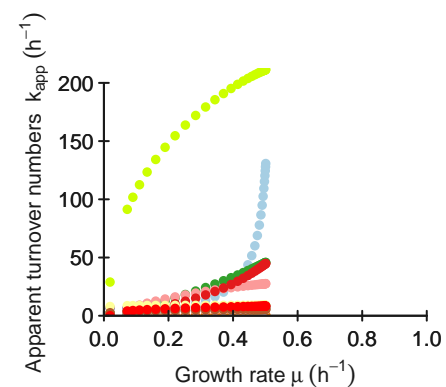
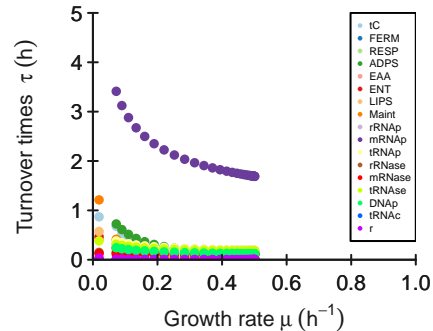
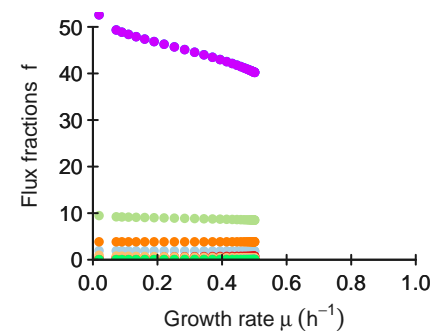
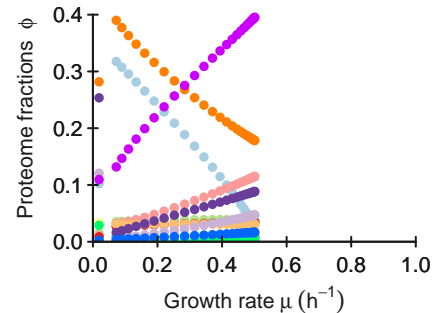
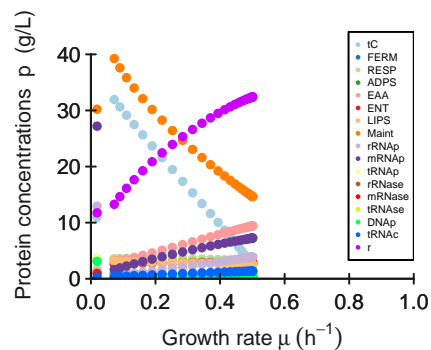
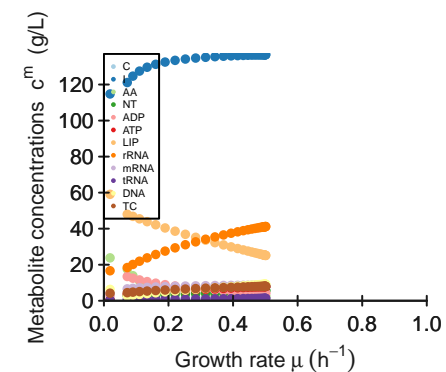
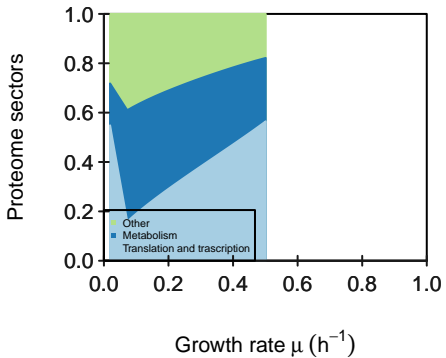
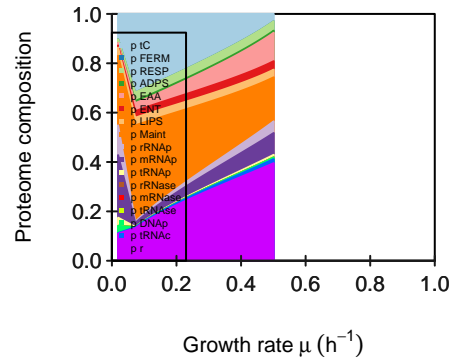
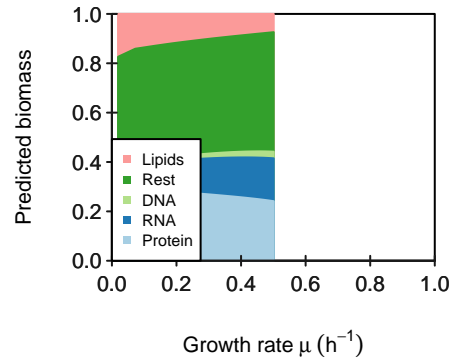
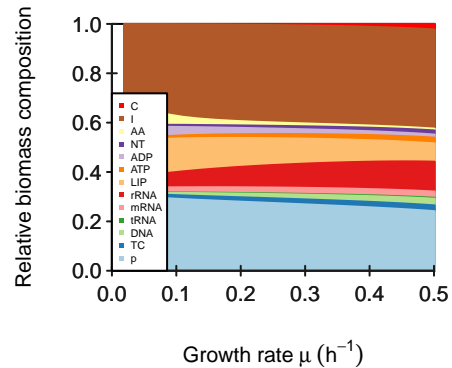
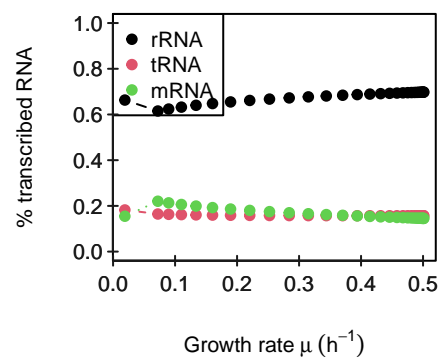
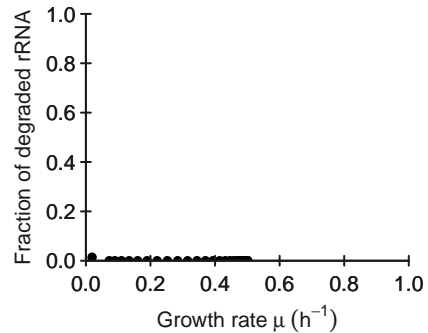


**Maint****rRNAp****mRNAp****tRNAp****rRNase****mRNase****tRNase****DNAp****tRNAc****r**





keep\_ribosome\_kcat FALSE  
keep\_transport\_kcat FALSE  
maintenance\_fun constant

**M**

[illegible]

**K**

[illegible]

**KA**[illegible]



**kcat**[illegible]

Keq

[1,]	3021.42857142857	1118.40120967742	1118.40120967742	9	1.05263157894737	9.69230769230769	5.36842105263158	Inf	Inf	Inf	Inf	Inf	Inf	Inf	Inf	Inf
[,1]	[,2]	[,3]	[,4]	[,5]	[,6]	[,7]	[,8]	[,9]	[,10]	[,11]	[,12]	[,13]	[,14]	[,15]	[,16]	[,17]

## phi input

[1,]	[,1]	[,2]	[,3]	[,4]	[,5]	[,6]	[,7]	[,8]	[,9]	[,10]	[,11]	[,12]	[,13]	[,14]	[,15]	[,16]	[,17]
	0.043	0.023	0.023	0.002	0.165	0.021	0.031	0.3036	0.0426	0.0213	0.0071	0.002	0.006	4e-04	0.002	0.023	0.284

**average saturation input**

4

## minimal phi constraint

[1,]	[,1] 0	[,2] 0	[,3] 0	[,4] 0	[,5] 0	[,6] 0	[,7] 0.031	[,8] 0	[,9] 0	[,10] 0	[,11] 0	[,12] 0	[,13] 0	[,14] 0	[,15] 0	[,16] 0	[,17] 0
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## minimal f constraint

[1,]	[,1] 0	[,2] 0	[,3] 0	[,4] 0	[,5] 0	[,6] 0	[,7] 0	[,8] 3.85	[,9] 0	[,10] 0	[,11] 0	[,12] 0	[,13] 0	[,14] 0	[,15] 0	[,16] 0	[,17] 0
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