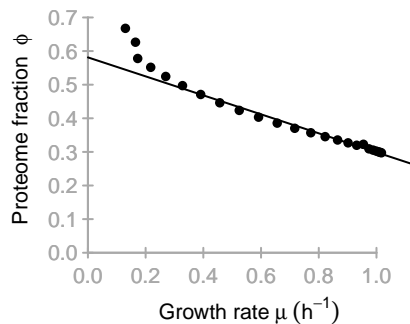
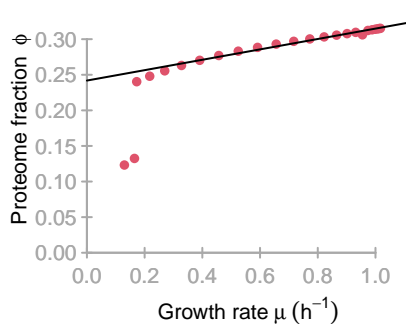


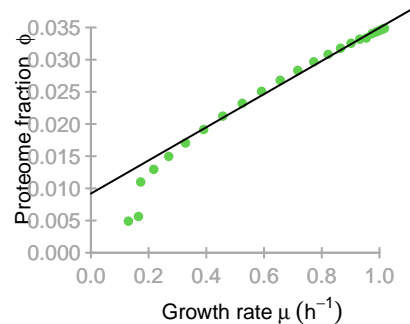
**Cin**



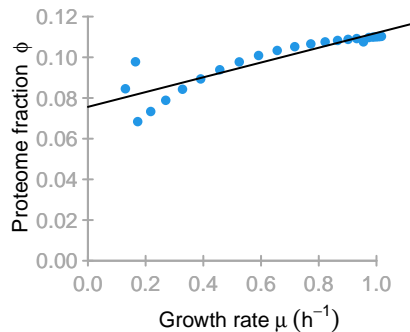
**Met**



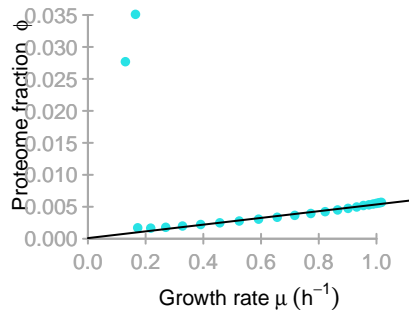
**DNAP**



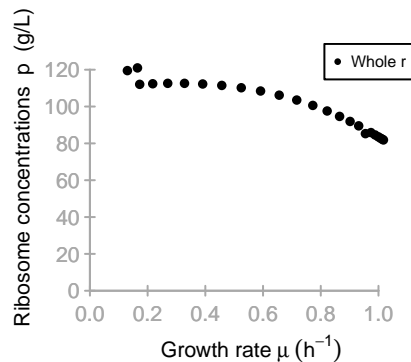
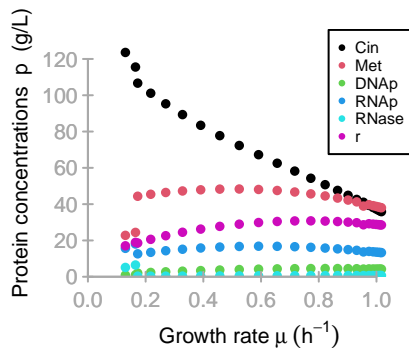
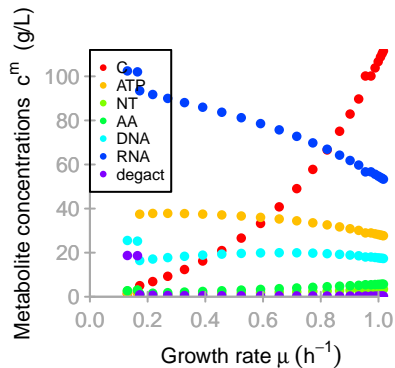
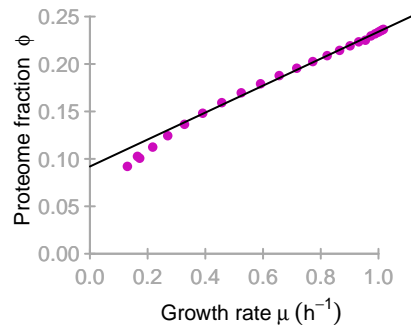
**RNAp**

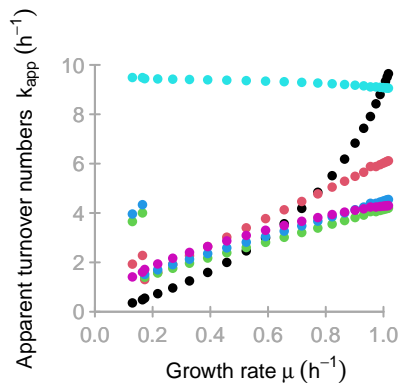
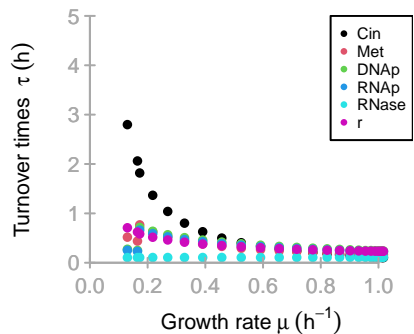
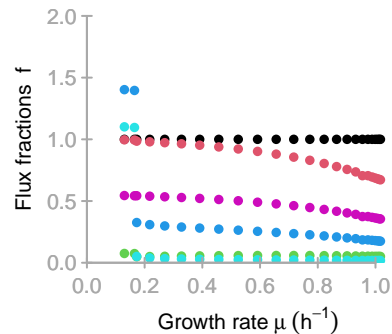
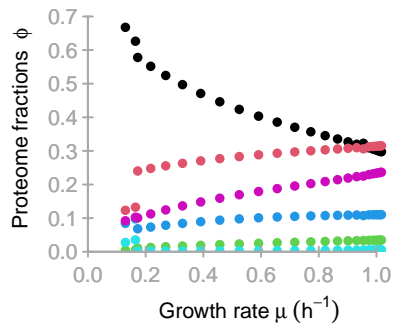
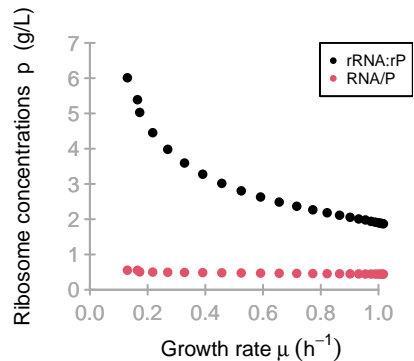


**RNase**



**r**





# M

|        | Cin | Met | DNAP | RNAp | RNase | r    |
|--------|-----|-----|------|------|-------|------|
| C      | 1   | -1  | 0    | 0    | 0     | 0    |
| ATP    | 0   | 0.2 | 0    | -0.1 | 0     | -0.1 |
| NT     | 0   | 0.3 | -1   | -0.9 | 0.95  | 0    |
| AA     | 0   | 0.5 | 0    | 0    | 0     | -0.9 |
| DNA    | 0   | 0   | 1    | 0    | 0     | 0    |
| RNA    | 0   | 0   | 0    | 1    | -1    | 0    |
| degact | 0   | 0   | 0    | 0    | 0.05  | 0    |
| p      | 0   | 0   | 0    | 0    | 0     | 1    |

# K

|             | <b>Cin</b> | <b>Met</b> | <b>DNAP</b> | <b>RNAp</b> | <b>RNase</b> | <b>r</b> |
|-------------|------------|------------|-------------|-------------|--------------|----------|
| <b>[1,]</b> | 1          | 0          | 0           | 0           | 0            | 0        |
| <b>[2,]</b> | 50         | 1          | 0           | 0           | 0            | 0        |
| <b>[3,]</b> | 0          | 2          | 0           | 0           | 0            | 2        |
| <b>[4,]</b> | 0          | 3          | 5           | 5           | 0            | 0        |
| <b>[5,]</b> | 0          | 4          | 0           | 0           | 0            | 8        |
| <b>[6,]</b> | 0          | 0          | 0           | 0           | 0            | 0        |
| <b>[7,]</b> | 0          | 0          | 0           | 0           | 5            | 0        |
| <b>[8,]</b> | 0          | 0          | 0           | 0           | 0            | 0        |
| <b>[9,]</b> | 0          | 0          | 0           | 0           | 0            | 0        |

# KA

|      | Cin | Met | DNAP | RNAp | RNase | r    |
|------|-----|-----|------|------|-------|------|
| [1,] | 0   | 0   | 0    | 0    | 0     | 0    |
| [2,] | 0   | 0   | 0    | 0    | 0     | 0    |
| [3,] | 0   | 0   | 0    | 0    | 0     | 0    |
| [4,] | 0   | 0   | 0    | 0    | 0     | 0    |
| [5,] | 0   | 0   | 0    | 0    | 0     | 0    |
| [6,] | 0   | 0   | 3    | 3    | 0     | 0    |
| [7,] | 0   | 0   | 0    | 0    | 0.5   | 10   |
| [8,] | 0   | 0   | 0    | 0    | 0     | 0.02 |
| [9,] | 0   | 0   | 0    | 0    | 0     | 0    |

**kcat**

|              | <b>[,1]</b> | <b>[,2]</b> | <b>[,3]</b> | <b>[,4]</b> | <b>[,5]</b> | <b>[,6]</b> |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>kcatf</b> | 10          | 11          | 12          | 13          | 10          | 14          |
| <b>kcatb</b> | 2           | 3           | 0           | 0           | 0           | 0           |

## Keq

| [1,] | [,1] | [,2] | [,3] | [,4] | [,5] | [,6] |
|------|------|------|------|------|------|------|
|      | 250  | 88   | Inf  | Inf  | Inf  | Inf  |