**Table to show the data used in Fig. 6 (a and b) (in manuscript)**

**Saccharomyces cerevisiae, visualized using the Gephi software**

|  |  |
| --- | --- |
| **Network Overview** | |
| **Nodes** | **5093** |
| **Edges** | **24743** |
| **Type** | **Undirected** |
| **Network Diameter** | **10** |
| **Average Path length** | **3.841029** |
| **Density** | **0.002** |
| **Modularity** | **0.497** |
| **Number of Communities** | **36** |

**Escherichia coli, visualized using the Gephi software**

|  |  |
| --- | --- |
| **Network Overview** | |
| **Nodes** | **2727** |
| **Edges** | **11803** |
| **Type** | **Undirected** |
| **Network Diameter** | **12** |
| **Average Path length** | **3.985514** |
| **Density** | **0.003** |
| **Modularity** | **0.473** |
| **Number of Communities** | **89** |