

Table S4 Correlation analysis among gene expression, O<sub>2</sub><sup>-</sup> concentration and stipe elongation rate

|   | elongatio<br>n rate | O <sub>2</sub> <sup>-</sup><br>concentration | <i>FfNoxA</i> | <i>FfNoxB</i> | <i>FfNoxR</i> | <i>FfRac1</i> | <i>FfBem1</i> | <i>FfCdc24</i> |
|---|---------------------|--|---------------|---------------|---------------|---------------|---------------|----------------|
| elongation<br>rate                        | 1.00                | 0.99   | 0.99          | 1.00          | 0.98          | 0.95          | 0.98          | 1.00           |
| O <sub>2</sub> <sup>-</sup> concentration |                     | 1.00   | 0.95          | 1.00          | 0.94          | 0.99          | 1.00          | 0.98           |
| <i>FfNoxA</i>                             |                     |  | 1.00          | 0.98          | 1.00          | 0.89          | 0.93          | 0.99           |
| <i>FfNoxB</i>                             |                     |  |               | 1.00          | 0.97          | 0.97          | 0.99          | 1.00           |
| <i>FfNoxR</i>                             |                     |  |               |               | 1.00          | 0.88          | 0.92          | 0.99           |
| <i>FfRac1</i>                             |                     |  |               |               |               | 1.00          | 1.00          | 0.94           |
| <i>FfBem1</i>                             |                     |  |               |               |               |               | 1.00          | 0.97           |
| <i>FfCdc24</i>                            |                     |  |               |               |               |               |               | 1.00           |