

**Table S3** Growth rate (expressed as the slope  $k$ ) of *F. valutipes* under selenite treatments of various concentrations and their comparisons with the selenite-free treatment.

Selenite concentration (mM)	Linear growth period (day)	$k$	$p$ value
0	1 - 6	1.25	
0.001	1 - 6	1.23	0.5619
0.01	1 - 6	1.27	0.6855
0.03	1 - 6	1.25	0.8699
0.1	1 - 7	1.11	<b>0.0026</b>
0.3	1 - 7	1.10	<b>0.0001</b>
1	1 - 4	0.72	<b>&lt; 0.0001</b>

The mycelial growth after the initial adaption period in the solid cultivation was fitted by a linear regression, and the growth rate was expressed as the slope  $k$ .

### SAS procedure for the slope comparison

SAS procedure for  $k$  comparison between 0 and 0.001 treatment in **Table 1**

```

data comp;
input id group time diameter@@; /*time: days after inoculation; diameter: means of
colony diameter*/
cards;
1      1      1      1.025
2      1      2      2.044
3      1      3      3.311
4      1      4      4.638
5      1      5      5.908
6      1      6      7.220
7      2      1      1.045
8      2      2      1.970
9      2      3      3.235
10     2      4      4.445
11     2      5      5.839
12     2      6      7.088
;
run;
proc reg data=comp;
by group;
model diameter=time;
run;
data comp2;
set comp;

```

```
group1=.;  
if group=1 then group1=1; else group1=0;  
group1time=group1*time;  
run;  
proc reg data=comp2;  
model diameter=group1 time group1time;  
test group1time=0; /*if P value < 0.05, this the hypothesis is rejected, and the k values  
is significantly different between 0 and 1E-3, otherwise the difference is not  
significant*/  
run;
```