

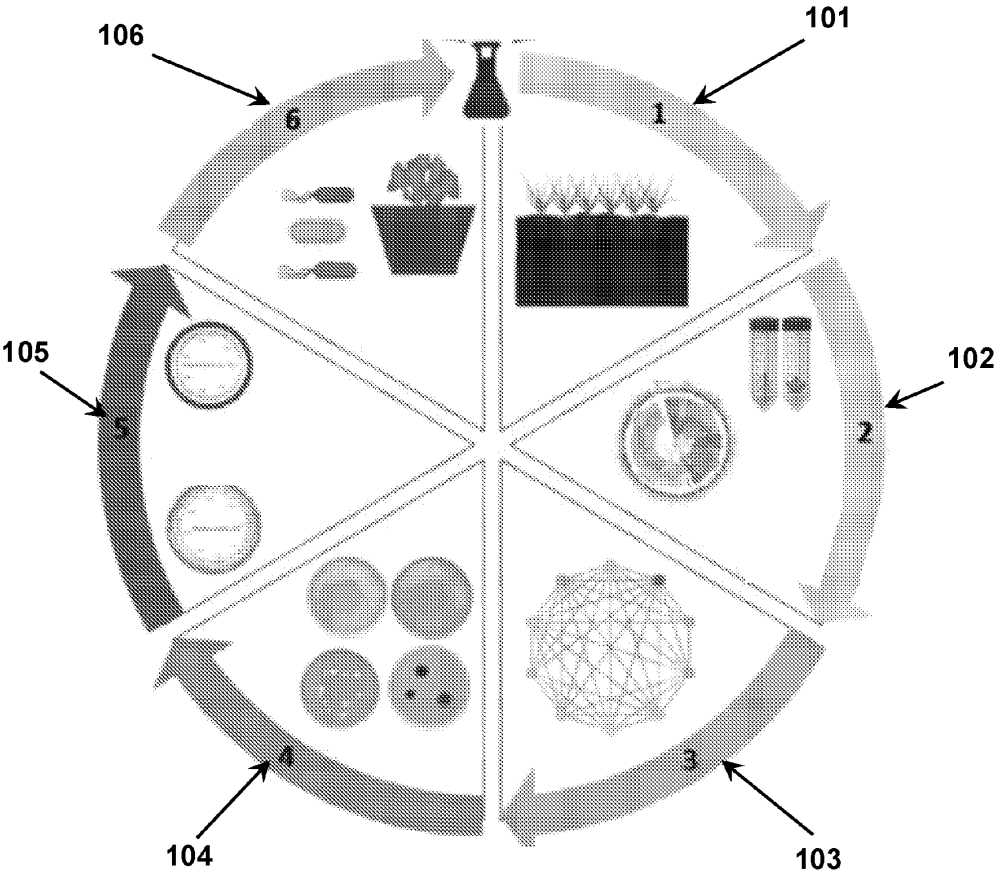


FIG. 1

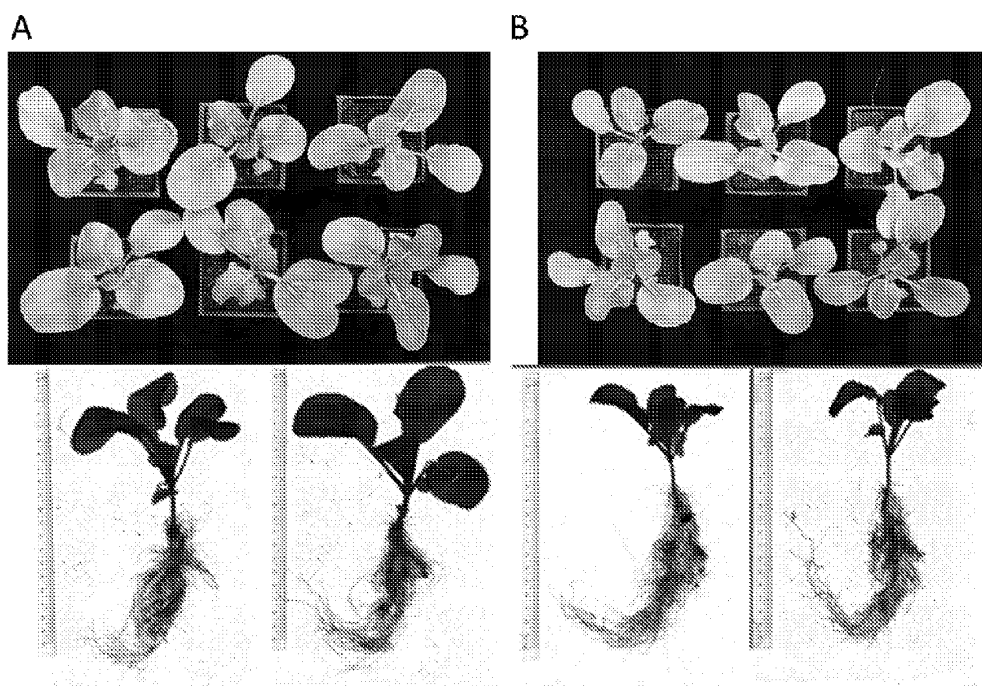
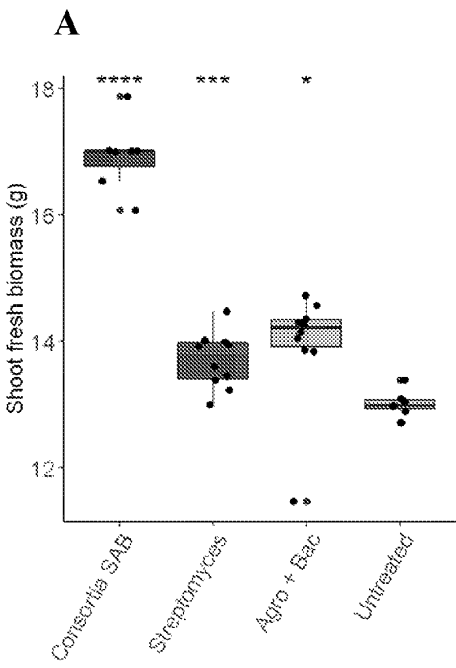
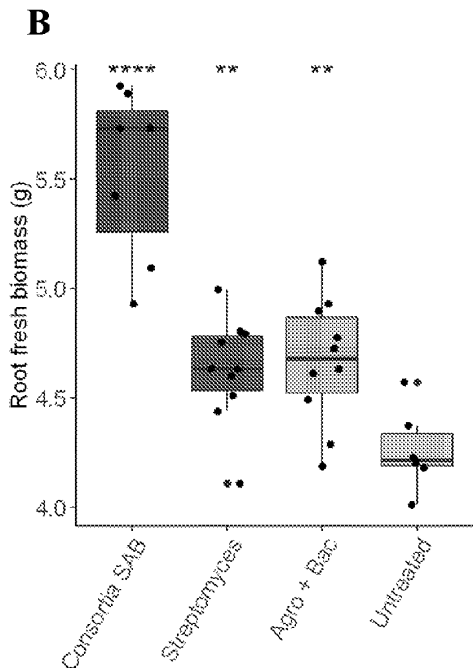


FIG. 2A

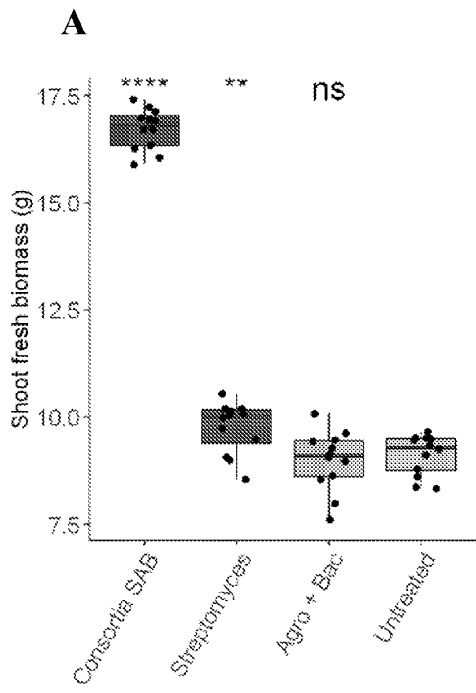
FIG. 2B



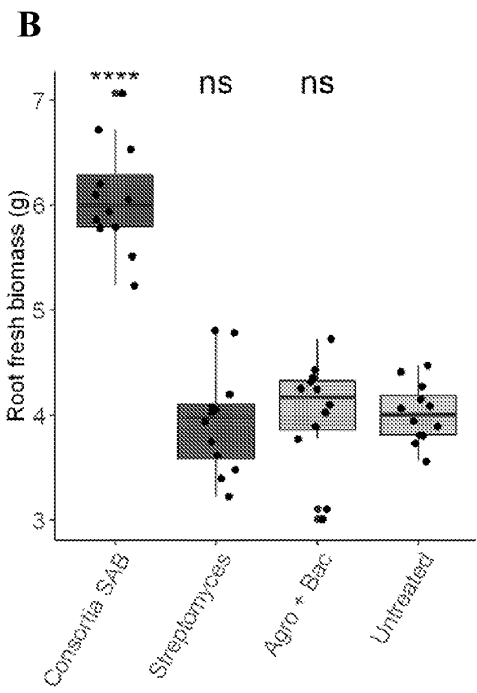
**FIG. 3A**



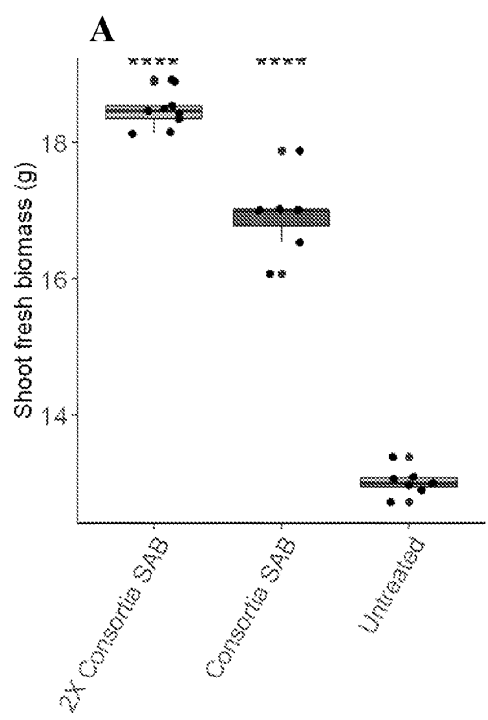
**FIG. 3B**



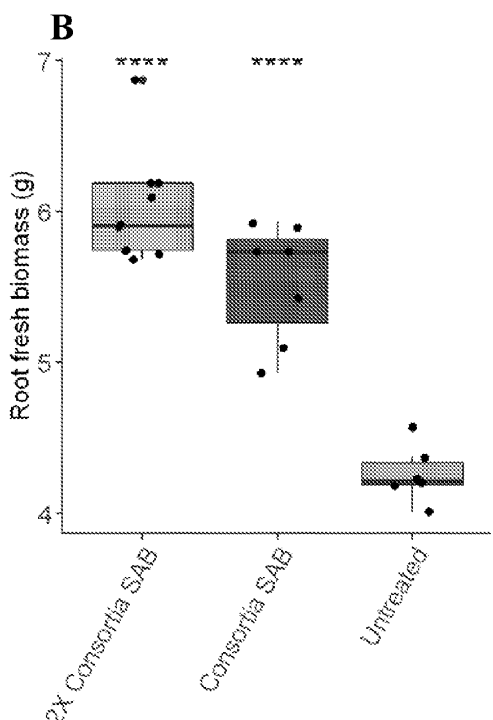
**FIG. 4A**



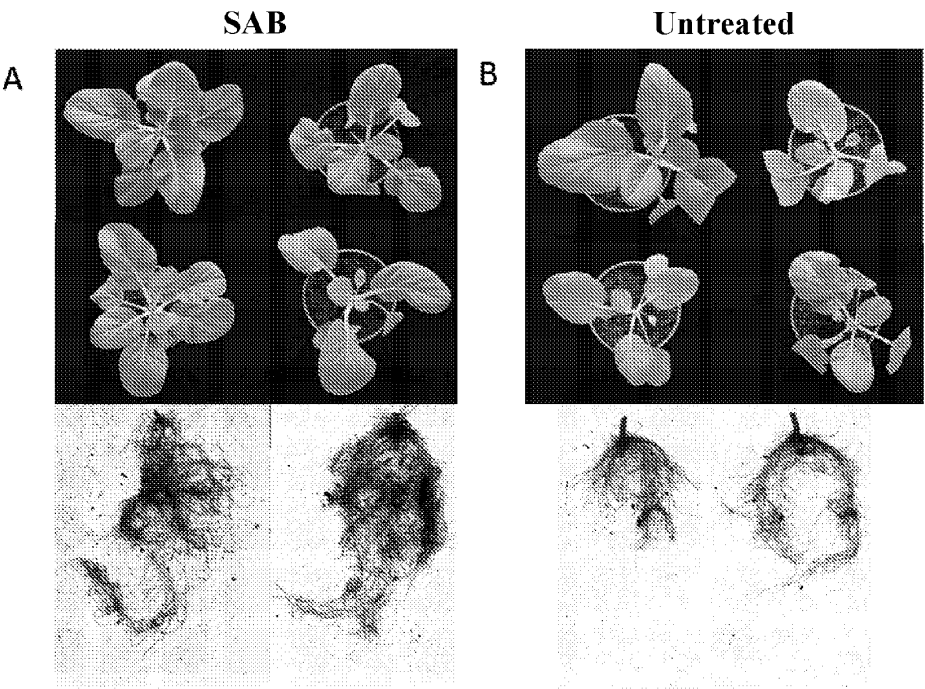
**FIG. 4B**



**FIG. 5A**

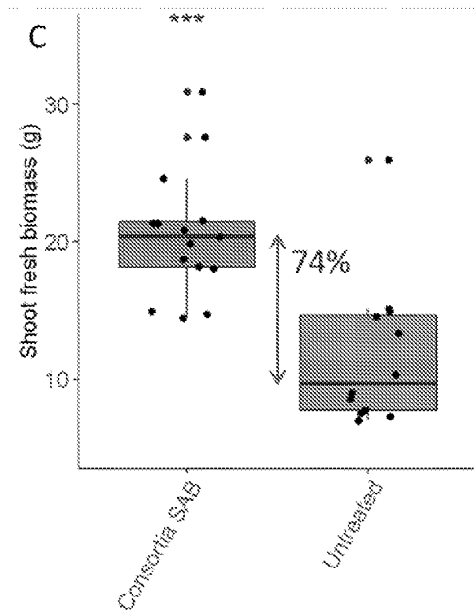


**FIG. 5B**



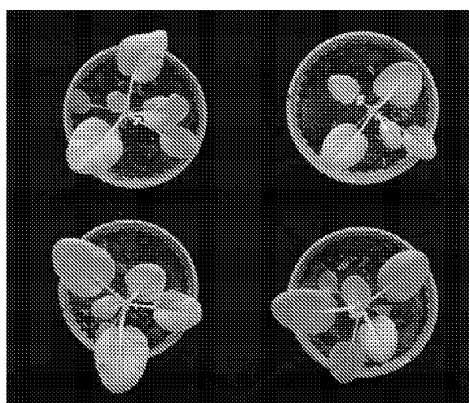
**FIG. 6A**

**FIG. 6B**

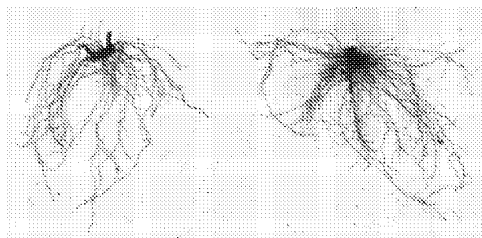
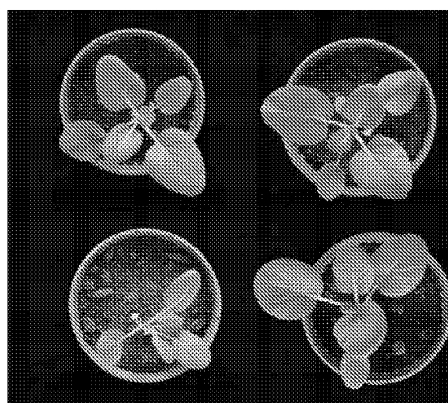


**FIG. 6C**

**D**      **SAB**



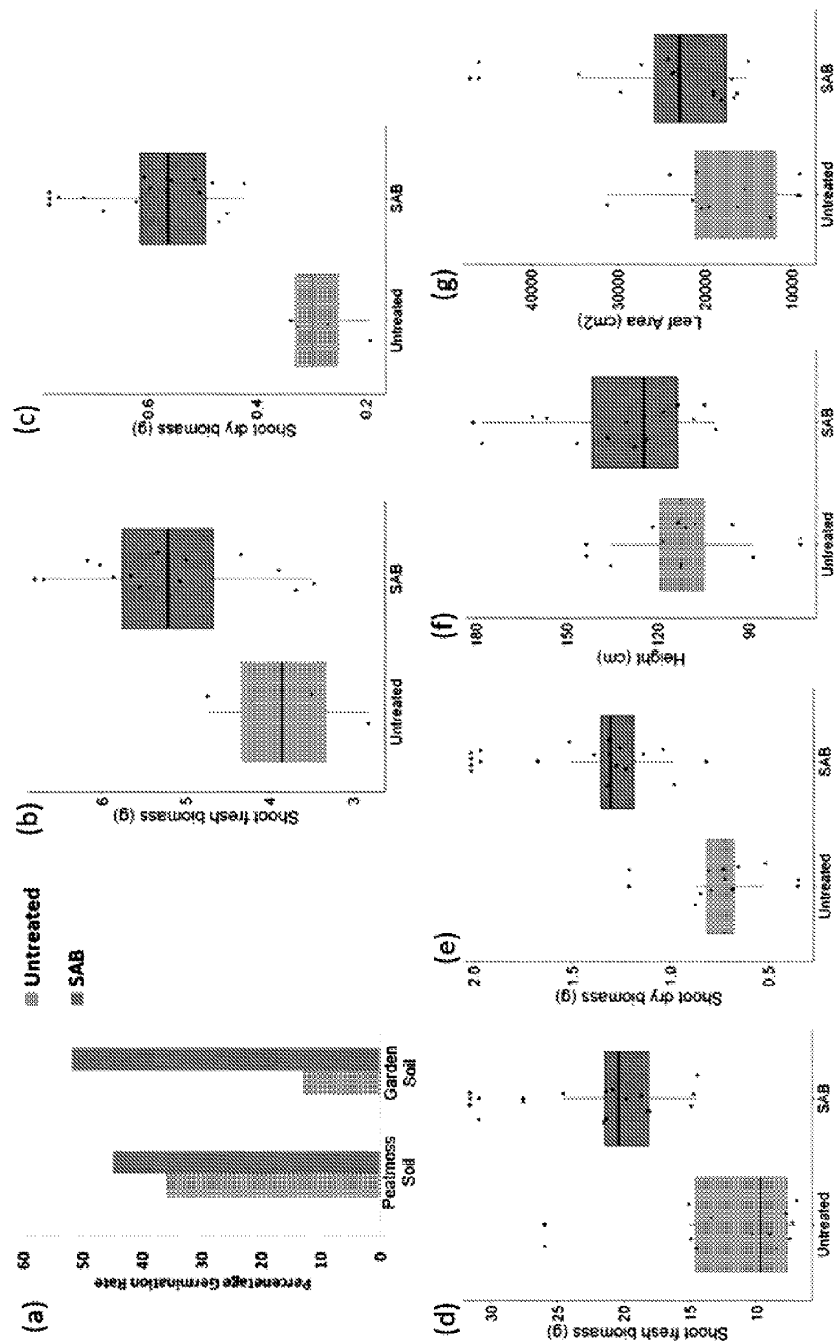
**E**      **Untreated**



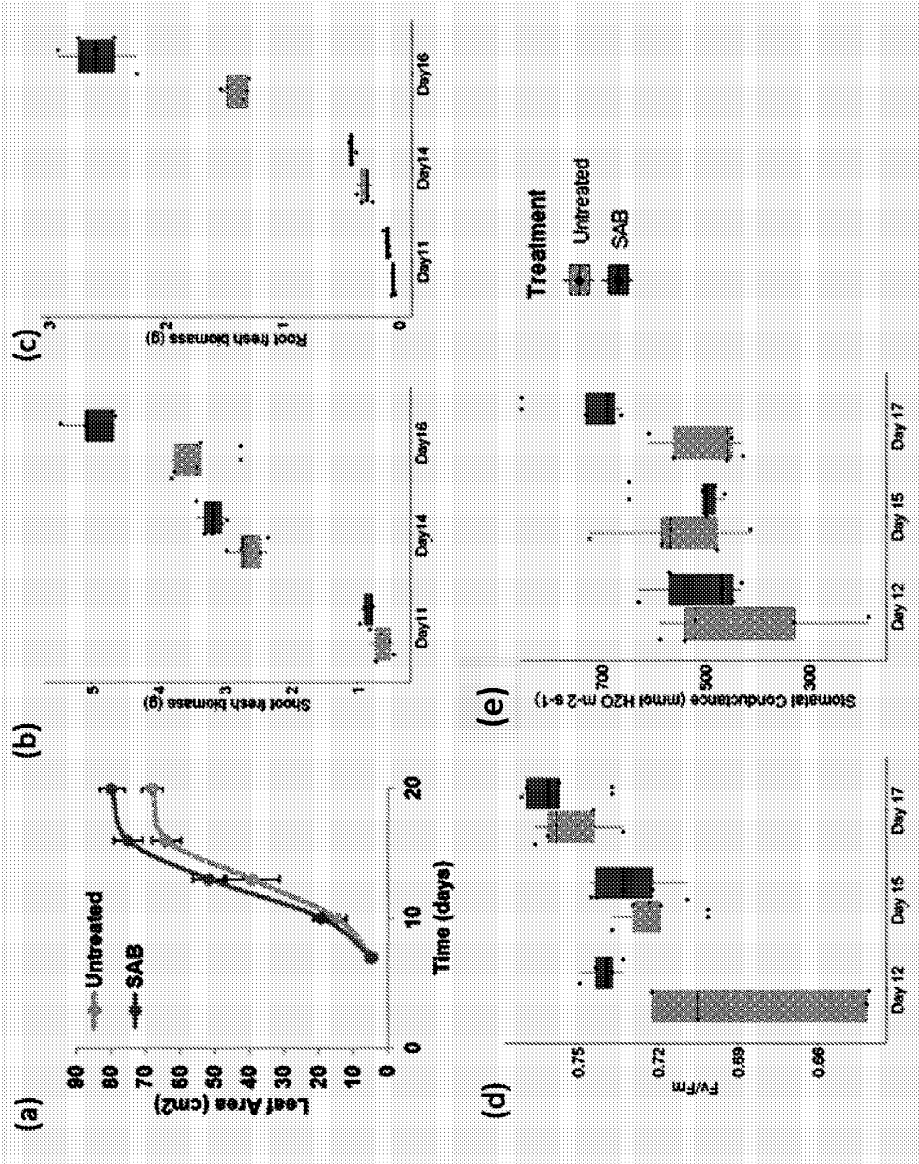
**FIG. 6D**



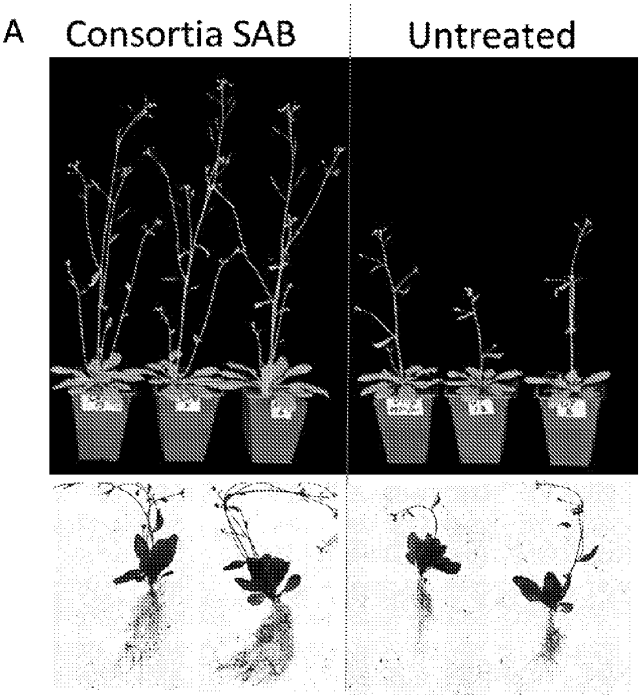
**FIG. 6E**



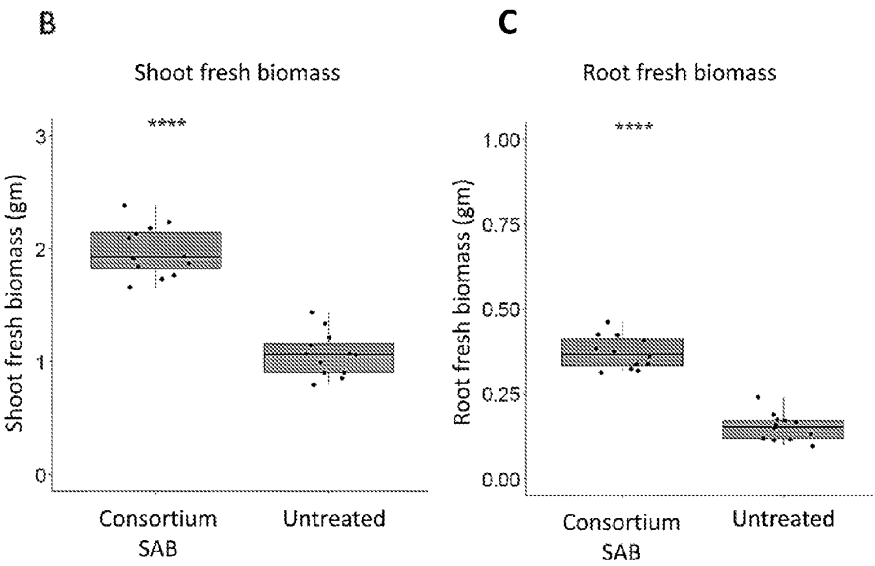
FIGs. 7A – 7G



FIGs. 8A – 8E

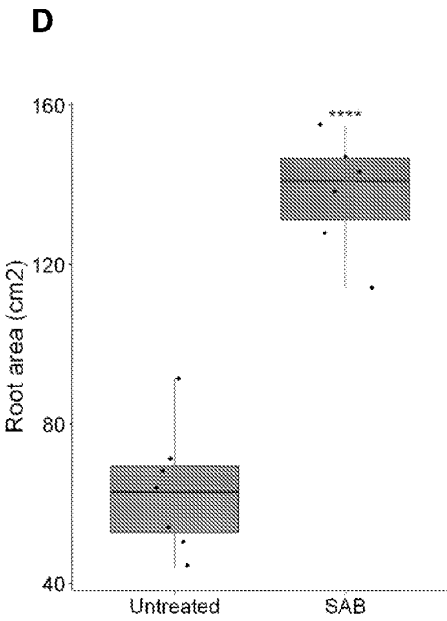


**FIG. 9A**

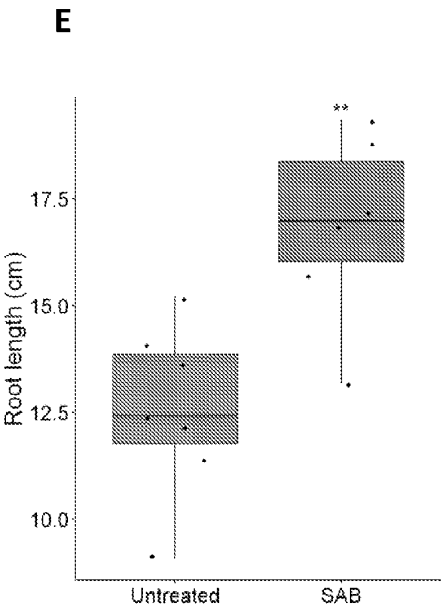


**FIG. 9B**

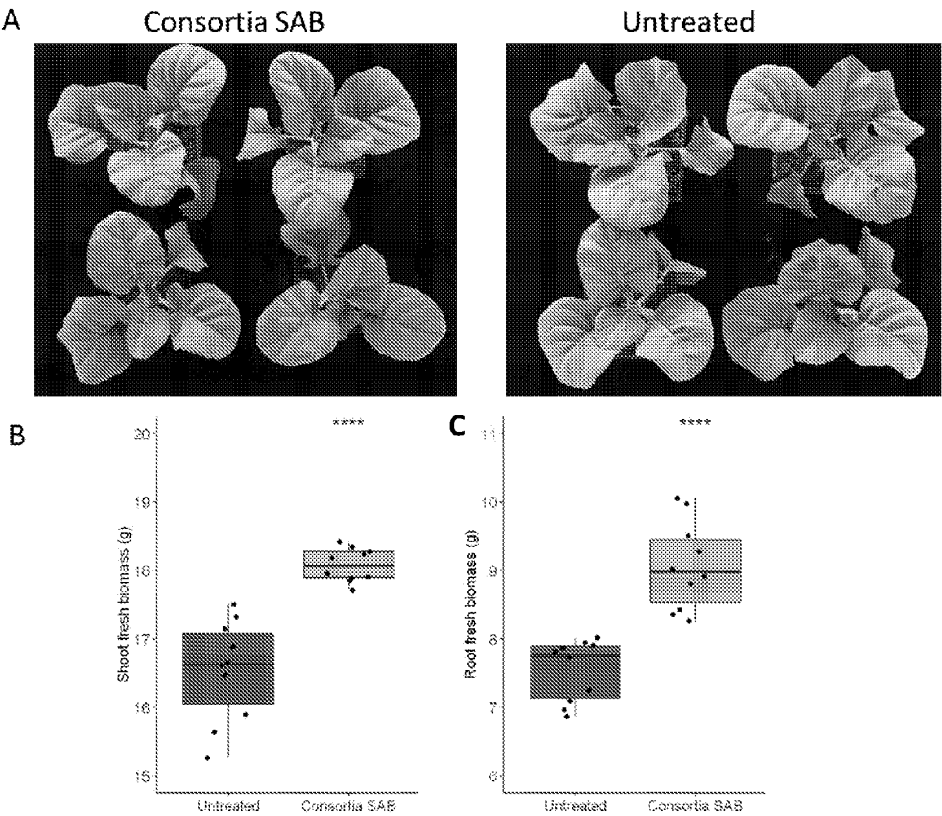
**FIG. 9C**



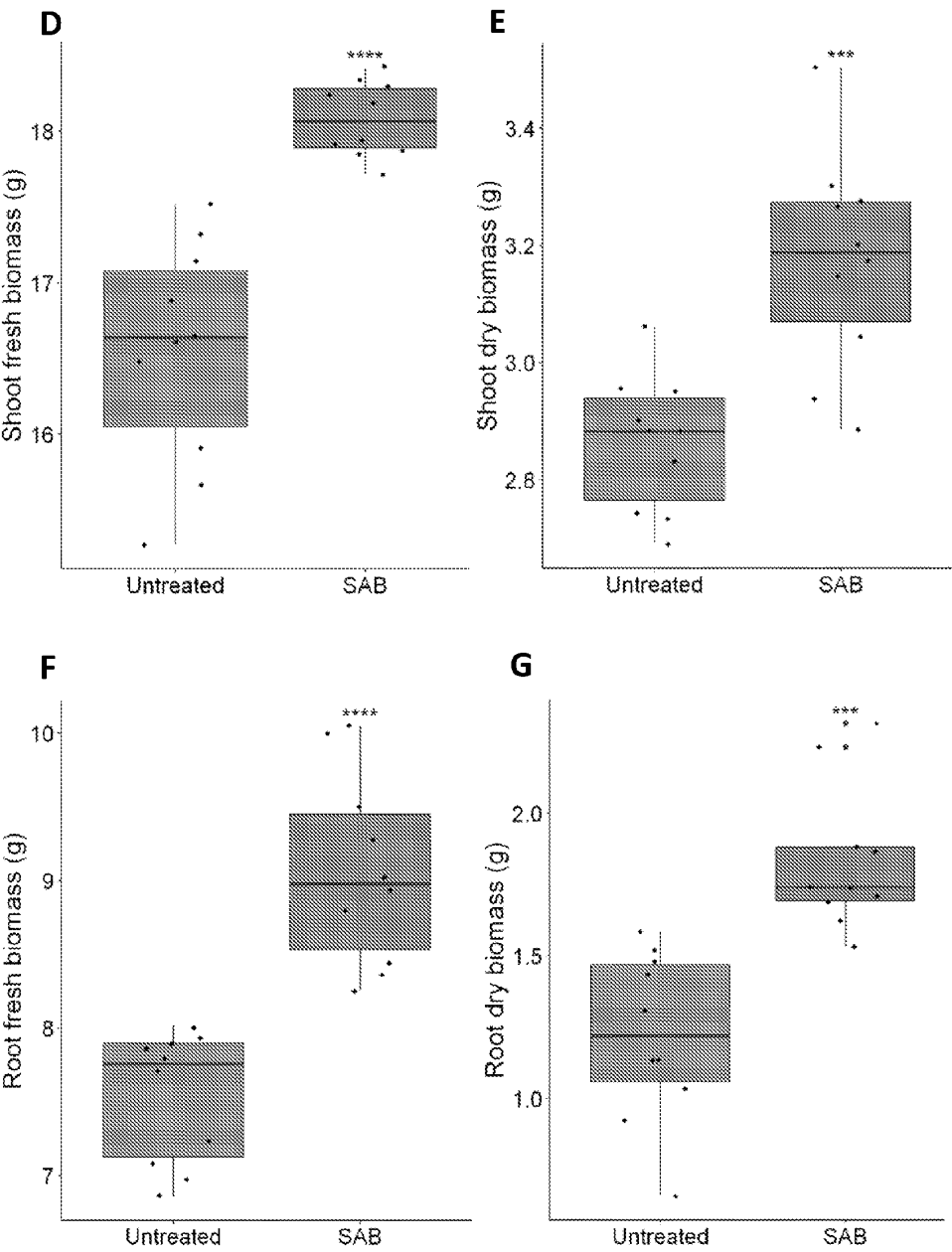
**FIG. 9D**



**FIG. 9E**



**FIGs. 10A – 10C**



FIGs. 10D – 10G

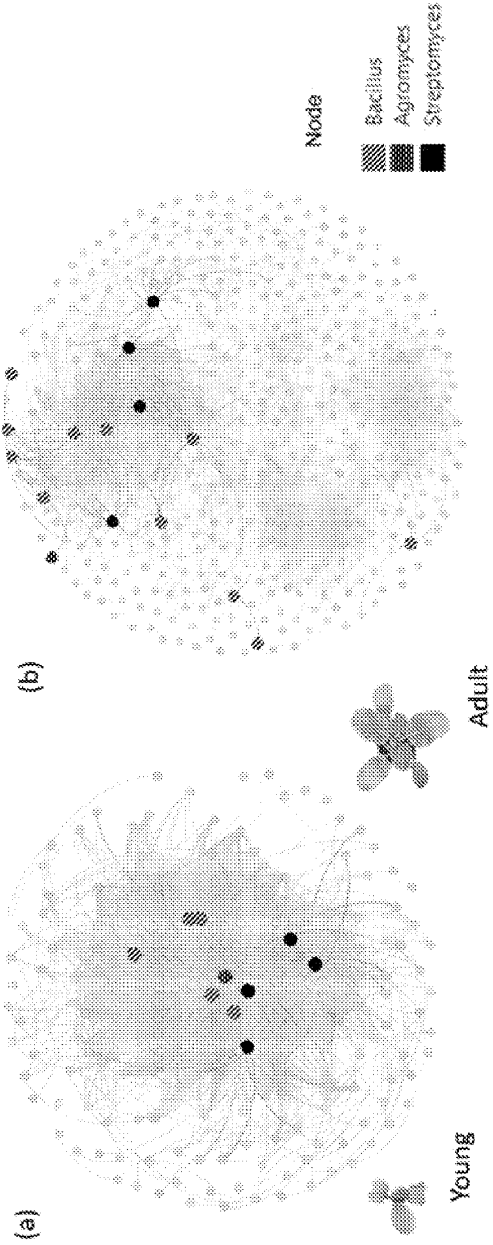


FIG. 11B

FIG. 11A

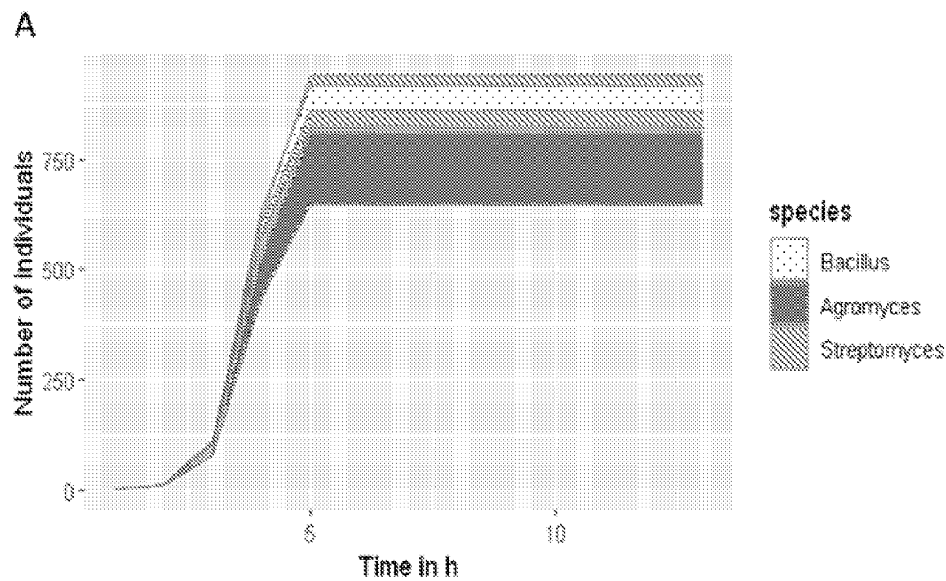


FIG. 12A

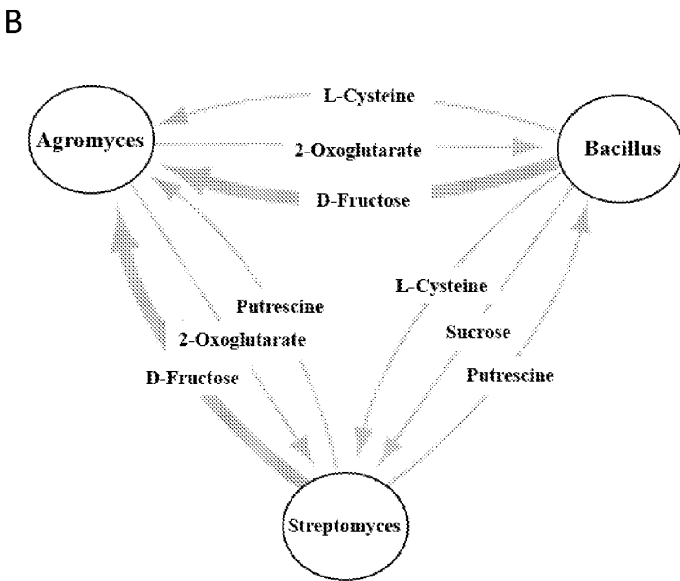
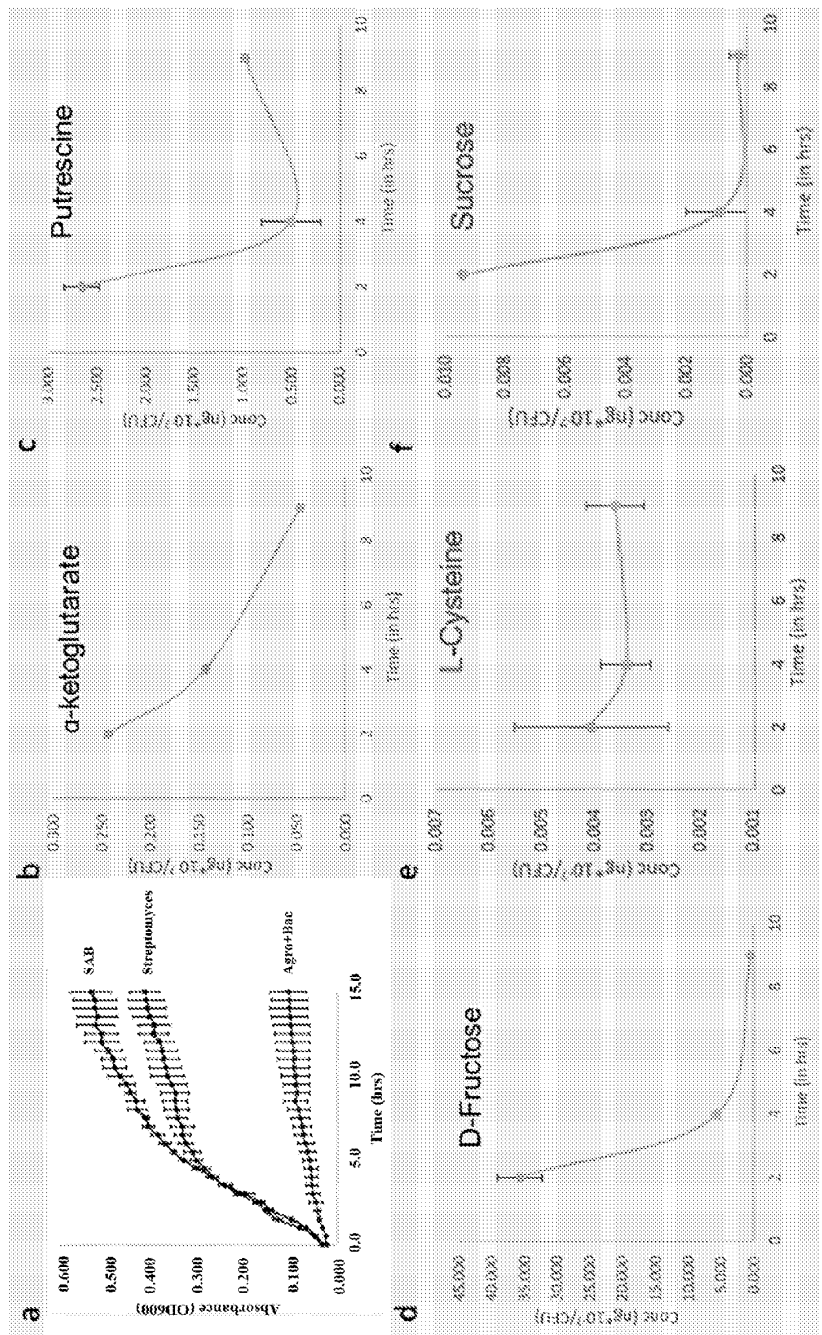
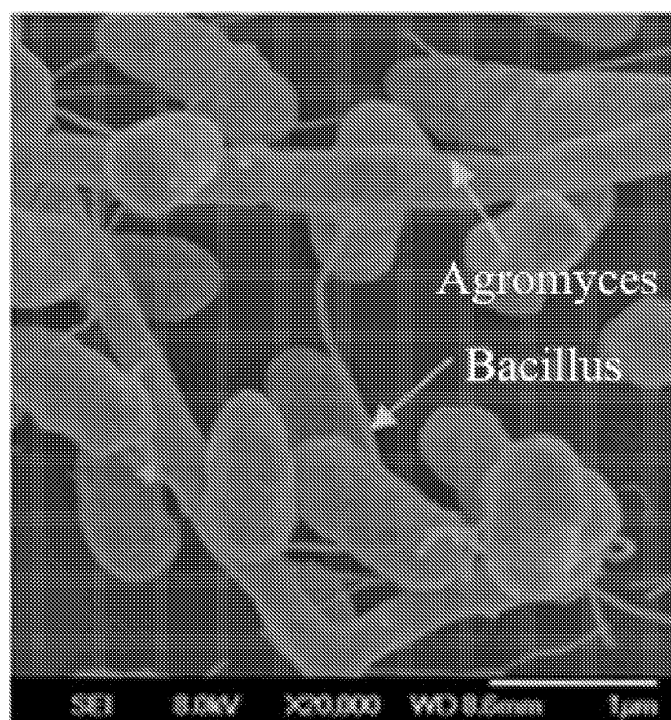
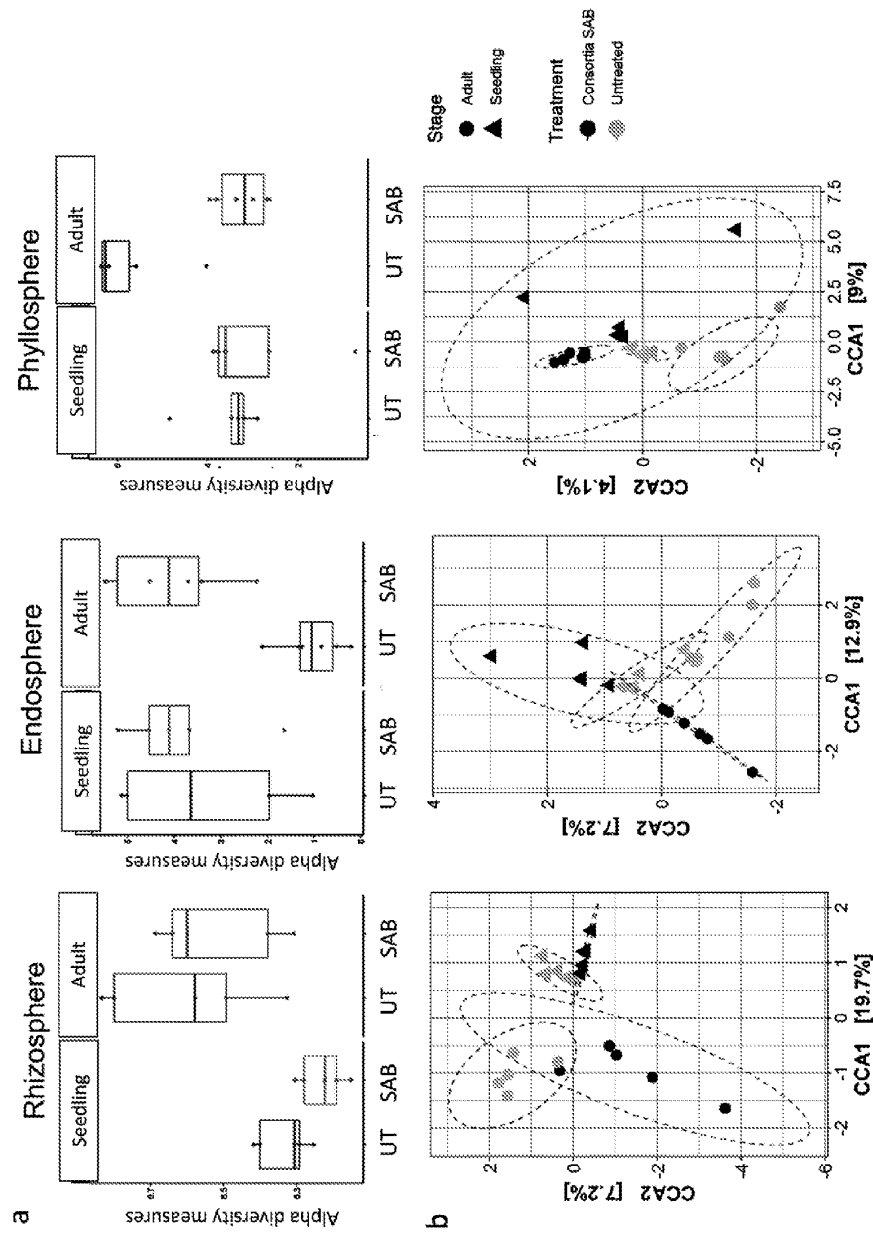


FIG. 12B



FIGs. 13A – 13F

**FIG. 14**



FIGs. 15A – 15B

Adult

|           | Df | <dbl> | SumOfSqs   | <dbl> | R2        | <dbl> | F        | <dbl> | Pr(>F) | <dbl> |
|-----------|----|-------|------------|-------|-----------|-------|----------|-------|--------|-------|
| Treatment | 1  |       | 0.03555444 |       | 0.1453463 |       | 1.360515 |       | 0.1812 |       |
| Residual  | 8  |       | 0.20906459 |       | 0.8546538 |       | NA       |       | NA     |       |
| Total     | 9  |       | 0.24461903 |       | 1.0000000 |       | NA       |       | NA     |       |

|           | Df | <dbl> | SumOfSqs  | <dbl> | R2        | <dbl> | F        | <dbl> | Pr(>F) | <dbl> |
|-----------|----|-------|-----------|-------|-----------|-------|----------|-------|--------|-------|
| Treatment | 1  |       | 0.6265319 |       | 0.3456126 |       | 5.281469 |       | 0.0022 |       |
| Residual  | 10 |       | 1.1862835 |       | 0.6543874 |       | NA       |       | NA     |       |
| Total     | 11 |       | 1.8128154 |       | 1.0000000 |       | NA       |       | NA     |       |

|           | Df | <dbl> | SumOfSqs  | <dbl> | R2        | <dbl> | F        | <dbl> | Pr(>F) | <dbl> |
|-----------|----|-------|-----------|-------|-----------|-------|----------|-------|--------|-------|
| Treatment | 1  |       | 0.1708272 |       | 0.2278067 |       | 2.950124 |       | 0.0022 |       |
| Residual  | 10 |       | 0.5790507 |       | 0.7721933 |       | NA       |       | NA     |       |
| Total     | 11 |       | 0.7498779 |       | 1.0000000 |       | NA       |       | NA     |       |

Seedling

|           | Df | <dbl> | SumOfSqs   | <dbl> | R2        | <dbl> | F        | <dbl> | Pr(>F) | <dbl> |
|-----------|----|-------|------------|-------|-----------|-------|----------|-------|--------|-------|
| Treatment | 1  |       | 0.02949721 |       | 0.2734457 |       | 3.010877 |       | 0.0078 |       |
| Residual  | 8  |       | 0.07837507 |       | 0.7265543 |       | NA       |       | NA     |       |
| Total     | 9  |       | 0.10787228 |       | 1.0000000 |       | NA       |       | NA     |       |

|           | Df | <dbl> | SumOfSqs  | <dbl> | R2        | <dbl> | F        | <dbl> | Pr(>F) | <dbl> |
|-----------|----|-------|-----------|-------|-----------|-------|----------|-------|--------|-------|
| Treatment | 1  |       | 0.2045587 |       | 0.2890547 |       | 2.944731 |       | 0.0076 |       |
| Residual  | 8  |       | 0.5557280 |       | 0.7309453 |       | NA       |       | NA     |       |
| Total     | 9  |       | 0.7602867 |       | 1.0000000 |       | NA       |       | NA     |       |

|           | Df | <dbl> | SumOfSqs  | <dbl> | R2        | <dbl> | F        | <dbl> | Pr(>F) | <dbl> |
|-----------|----|-------|-----------|-------|-----------|-------|----------|-------|--------|-------|
| Treatment | 1  |       | 0.1764946 |       | 0.1330566 |       | 1.227823 |       | 0.156  |       |
| Residual  | 8  |       | 1.1499686 |       | 0.8669434 |       | NA       |       | NA     |       |
| Total     | 9  |       | 1.3264632 |       | 1.0000000 |       | NA       |       | NA     |       |

Rhizo

Endo

Phylo

FIG. 16

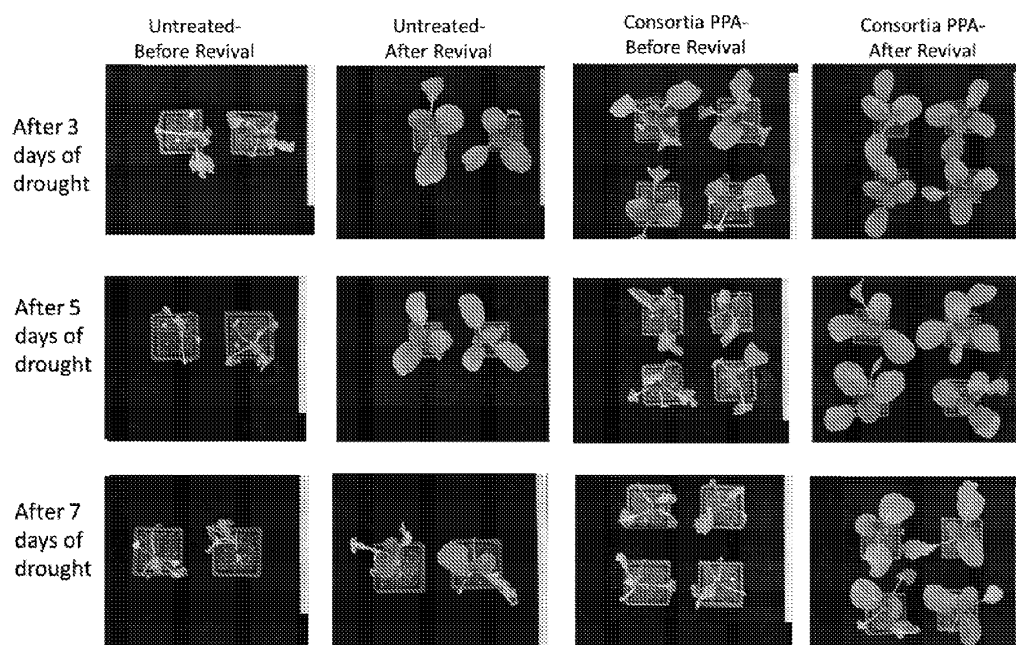


FIG. 17

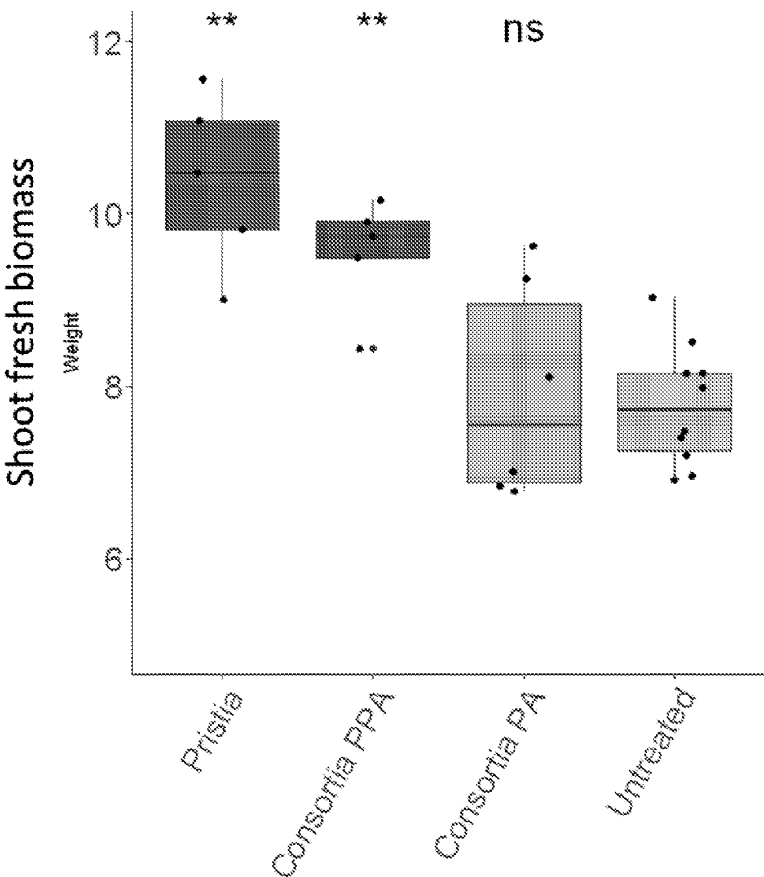


FIG. 18

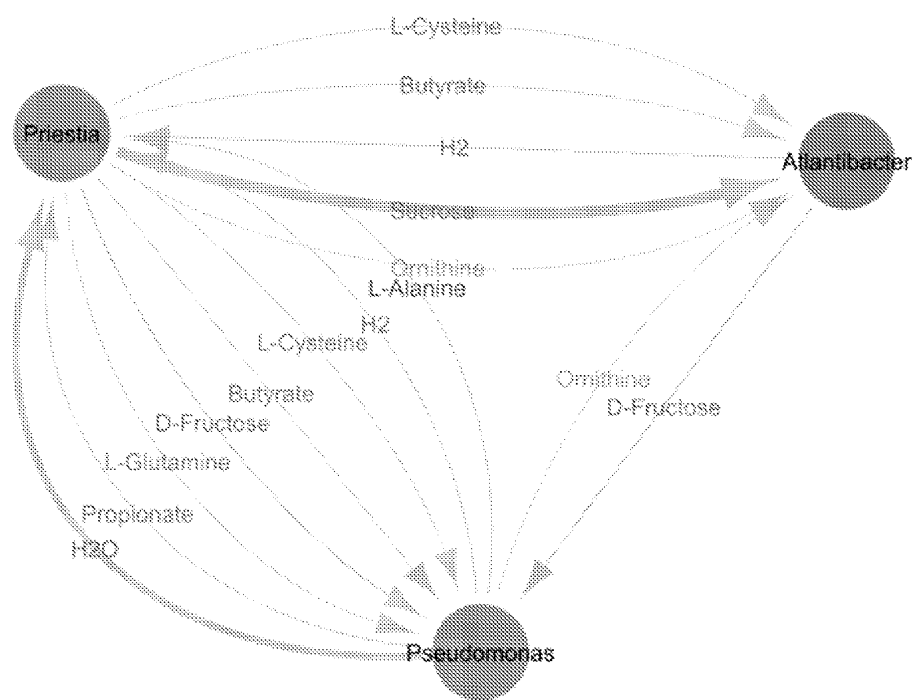


FIG. 19