

Supplementary Table S5. Summary of two-way ANOVA results for ROS detection and natural products. The variables analyses were: type of fluorescence probe (“Probe”) and natural substances (“Natural”)

| Source | Df | SS | MS | F | p | Partial Eta-Square |
|---------------|----|------------------|-------------------|---------|--------|--------------------|
| Probe | 1 | 443454379201.389 | 443454379201..389 | 228.893 | <0.001 | 0.792 |
| Natural | 2 | 126125468739.611 | 25225093747.922 | 13.020 | <0.001 | 0.520 |
| Probe*Natural | 2 | 32430327625.778 | 6486065525.156 | 3.348 | 0.010 | 0.218 |

df= degrees of freedom; SS= Sum of squares; MS= mean square; F= MS factor/ MS residual; p= probability of significance, $\alpha= 0.050$; *interaction between variables analyses