

## ***Interactive comment on “Response of key stress-related genes of the seagrass *Posidonia oceanica* in the vicinity of submarine volcanic vents” by C. Lauritano et al.***

**K. Jardine (Editor)**

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Before the manuscript can be considered as an article in Biogeosciences, please respond the comments of anonymous reviewer 1 as well as the following additional comments.

abstract; list examples of ROS metabolism genes activated at the Panarea site

the introduction is fairly well written but the results section needs to be completely rewritten and expanded to include the details of the results for each gene studied. For example, the authors claim the results show an enhanced expression of genes involved in ROS metabolism, but fail to acknowledge the suppression of many ROS genes relative  
C2545

to the controls.

Figure 1. Please explain the x-axis and why do you choose to use a log scale.

Figure 2. Should not be included as a figure but rather summarized in the text. This leaves only a single figure for the paper. Thus the authors are strongly encouraged to expand the figure list to enable the presentation of the results much more clearly.

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