

Appendix S1: Bioanalyzer results showing the quality of RNA for the BRIC-16-Cyt study. (A) Ground control (G) and (B) Spaceflight (F). F1-F5 refers to PDFUs #1-5 within BRIC #F1. Samples were dissected and only shoots were analyzed. G-F2 means Ground, BRIC #F, PDFU #2 while F-F2 means Flight, BRIC #F, PDFU #2. These columns show partially degraded RNA for all samples. Bioanalyzer results were used to determine which samples contained the highest quality RNA, which were then used for the microarray analysis. This image is a composite of two gels and a ladder is provided for each gel. [nt] = nucleotide; [s] = seconds. Column number is indicated at the bottom of each column.

