

## Summary of: untitled

Key findings and quantitative results:

1. **Protein Quantification**: - Over 1500 proteins were identified in the root and leaf samples.  
- Over 1300 proteins were identified at an FDR of 1%. - Over 1500 proteins were identified at an FDR of 5%. - 1167 leaf proteins and 1150 root proteins were identified with three or more peptide unique assignments.
2. **Protein Quantitative Analysis**: - 256 leaf proteins and 358 root proteins showed statistically significant differential abundance. - Few proteins were differentially regulated in common between leaves and roots.
3. **Protein Abundance**: - Spaceflight samples showed higher abundance in roots and leaves. - Few proteins were shared between roots and leaves.
4. **Protein Abundance Patterns**: - Roots showed more up-regulated proteins. - Leaves showed more down-regulated proteins.
5. **Protein Abundance in Spaceflight vs. Ground Control**: - Spaceflight samples showed higher abundance in roots and leaves. - Few proteins were differentially regulated in common between roots and leaves.
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23. **\*\*Protein Abundance in Space**