

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Normalized counts of k-mers in UUAGGG-containing reads, and FDR-adjusted p-values for the Mann-Whitney U test between post-flight and ground conditions in the Inspiration4 RNA-Seq data.

File name: Supplementary Data 2

Description: Normalized counts of k-mers in UUAGGG-containing reads, and FDR-adjusted p-values for the Mann-Whitney U test between flight (FD) and ground (GD, R) conditions in the Twins Study RNA-seq data.

File name: Supplementary Data 3

Description: Normalized counts of k-mers in UUAGGG-containing reads, and FDR-adjusted p-values for the Mann-Whitney U test between microgravity and Earth gravity in microgravity simulation RNA-Seq data.

File name: Supplementary Data 4

Description: Normalized counts of k-mers in UUAGGG-containing reads, and FDR-adjusted p-values for the Mann-Whitney U test in climbers of Mt. Everest at different altitudes.

File name: Supplementary Data 5

Description: Comparison statistics performed in Prism for all in vitro studies/figures.