

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Random Forest results for diets B and D based on supervised_learning.py on QIIME.

File Name: Supplementary Data 2

Description: Core OTU table.

File Name: Supplementary Data 3

Description: List of delivery mode associated species.

File Name: Supplementary Data 4

Description: Autoregressive species for each delivery mode found using MTV-LMM.

File Name: Supplementary Data 5

Description: - List of participating animals.

File Name: Supplementary Data 6

Description: Metadata table for all samples.

File Name: Supplementary Data 7

Description: Diet composition for diets B, C, D and E.

File Name: Supplementary Data 8

Description: Primers list

File Name: Supplementary Data 9

Description: Full OTU table in biom format.

File Name: Supplementary Data 10

Description: Contingency table for Chi square test for species appearing at day 1+2 only in one delivery mode.

File Name: Supplementary Data 11

Description: List of cows selected for each group in habitat associated species analysis.

File Name: Supplementary Data 12

Description: Probability table of each minor OTU to represent a sequencing error.

File Name: Supplementary Data 13

Description: OTUs that were found to be sequencing errors.