

**Table S3. identification of the core OTUs found in 100% of the samples**

Taxonomic identification	Number of core OTUs (97% similarity) associated with a specific taxonomic identification
(Order) <i>Bacteroidales</i> sp.	1
(Genus) <i>Prevotella</i> sp.	80
(Order) <i>Clostridiales</i> sp.	8
(Family) <i>Clostridiales</i> FamilyXIII.IncertaeSedis sp.	7
(Family) <i>Lachnospiraceae</i> sp.	14
(Genus) <i>Butyrivibrio</i> sp.	16
(Genus) <i>Coprococcus</i> sp.	1
(Genus) <i>Eubacterium</i> sp.	2
(Genus) <i>Lachnobacterium</i> sp.	1
(Genus) <i>Lachnospira</i> sp.	1
(Genus) <i>Moryella</i> sp.	1
(Genus) <i>Shuttleworthia</i> sp.	4
(Family) <i>Ruminococcaceae</i> sp.	10
(Genus) <i>Ruminococcus</i> sp.	4
(Family) <i>Veillonellaceae</i> sp.	4
(Order) <i>Aeromonadales</i> sp.	1
(Family) <i>F16</i> sp.	1
(Family) <i>Coriobacteriaceae</i> sp.	1
Total	157