

Table S3. List of cultivable species *indicated in Creevey, Kelly et al. 2014

Organism	Origin of reference isolate	Reference	Detected in our rumen sample
<i>Acinetobacter johnsonii</i>	Duodenum	ATCC 17909	+
<i>Alkaliphilus transvaalensis</i>	mine water	ATCC 700919	+
<i>Bacillus asahii</i>	soil	JCM 5838	+
<i>Bacillus thermoamylovorans</i>	compost reactor	DSM 28918	+
<i>Bacteroides uniformis</i>	human feces	ATCC 8492	
<i>Bifidobacterium adolescentis</i>	bovine	DSM 20087 (*)	
<i>Bifidobacterium pseudolongum</i>	rumen/bovine/rumen	DSM 20096, JCM7092, ATCC 25864 (*)	+
<i>Blautia producta</i>	human feces	DSM 2950	+
<i>Clostridium butyricum</i>	swine intestine	ATCC 19398	+
<i>Clostridium intestinale</i>	cat feces	ATCC 49213	
<i>Clostridium neonatale</i>	human blood	ATCC BAA-265	+
<i>Clostridium subterminale</i>	Anaerobic sewage sludge	ATCC 29748	
<i>Clostridium tetani</i>	sheep	ATCC 454	+
<i>Clostridium thermopalmarium</i>	Palm wine	ATCC 51427	+
<i>Corynebacterium simulans</i>	human lymph node	ATCC BAA-15	+
<i>Enhydrobacter aerosaccus</i>	fresh water	ATCC 27094	+
<i>Enterobacter cowanii</i>	Blood	JCM 10956	
<i>Enterococcus asini</i>	Donkey caecum	ATCC 700915	
<i>Enterococcus casseliflavus</i>	plant material	ATCC 25788	+
<i>Enterococcus cecorum</i>	Chicken caecum	ATCC 43198	+
<i>Enterococcus haemoperoxidus</i>	service water	ATCC BAA-382	
<i>Erwinia oleae</i>	Olive tree	DSM 23412	
<i>Eubacterium cylindroides</i>	human feces	ATCC 27805	+
<i>Janthinobacterium lividum</i>	soil	ATCC 14273	+
<i>Lactobacillus agilis</i>	Chicken/swine intestine	JCM 1048, BCM 1049	+
<i>Micrococcus luteus</i>	clinical isolate	ATCC 49732	+
<i>Paenibacillus barengoltzii</i>	Equipment	ATCC BAA-1209	+
<i>Paenibacillus lautus</i>	Human intestine	ATCC 43898	+
<i>Paenibacillus lentimorbus</i>	beetle	ATCC 14707	
<i>Paenibacillus macerans</i>	potato	ATCC 8509	+
<i>Prevotella copri</i>	human feces	DSM 18205	+
<i>Prevotella ruminicola</i>	bovine	ATCC 19189 (*)	+
<i>Providencia stuartii</i>	clinical isolate	ATCC 49809	
<i>Pseudomonas veronii</i>	mineral water	ATCC 700474	+
<i>Roseburia faecis</i>	human feces	DSM 16840	
<i>Sharpea azabuensis</i>	bovine	DSM 20406 (*)	+
<i>Staphylococcus sciuri</i>	squirrel skin	DSM 20345	+
<i>Streptococcus agalactiae</i>	milk	ATCC 13813	+
<i>Streptococcus alactolyticus</i>	swine intestine	ATCC 43077	
<i>Streptococcus luteciae</i>	human isolate	LMG 22271	+
<i>Streptococcus minor</i>	cat tonsil	LMG 14394	
<i>Tetragenococcus halophilus</i>	degraded sugar thick juice	DSM 23766	+
<i>Trabulsiella farmeri</i> (<i>Citrobacter farmeri</i>)	human feces	ATCC 51633	
<i>Veillonella parvula</i>	intestinal tract	DSM 2008	
<i>Virgibacillus pantothenicus</i>	Soil	ATCC 14576	+