

Table S1.

Taxonomic annotations: Annotations of the OTUs with the lowest *p*-values for SR samples at 0 and 4h fermentation time points.

TAXA ID	PHYLUM	CLASS	ORDER	FAMILY	GENUS	SPECIES
4452633	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiaceae</i>	unclassified	unclassified
191399	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	unclassified	unclassified
4256470	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Bacteroidaceae</i>	<i>Bacteroides</i>	97otu97833
179291	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Faecalibacterium</i>	<i>prausnitzii</i>
192046	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	unclassified	unclassified	unclassified
4315974	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Streptococcaceae</i>	<i>Streptococcus</i>	97otu66887
4343627	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Bacteroidaceae</i>	<i>Bacteroides</i>	<i>fragilis</i>
760967	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Prevotellaceae</i>	<i>Prevotella</i>	97otu12794
4475758	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Veillonellaceae</i>	<i>Veillonella</i>	unclassified
566976	<i>Bacteroidetes</i>	<i>Gammaproteobacteria</i>	<i>Bacteroidales</i>	<i>Bacteroidaceae</i>	<i>Bacteroides</i>	unclassified
328617	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Bacteroidaceae</i>	<i>Bacteroides</i>	<i>uniformis</i>
16054	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Ruminococcus</i>	97otu97520

SR: sun-dried raisins.

Table S2.

Taxonomic annotations: Annotations of the OTUs with the lowest *p*-values for SR samples at 0 and 8h fermentation time points.

TAXA ID	PHYLUM	CLASS	ORDER	FAMILY	GENUS	SPECIES
194443	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	unclassified	unclassified
180524	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	unclassified	unclassified
191399	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	unclassified	unclassified
179291	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Faecalibacterium</i>	<i>prausnitzii</i>
4364464	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	unclassified	unclassified
370086	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	94otu2746	97otu84400
358781	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	94otu2746	97otu84400
328617	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Bacteroidaceae</i>	<i>Bacteroides</i>	<i>uniformis</i>
4475758	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Veillonellaceae</i>	<i>Veillonella</i>	unclassified
4372528	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	94otu3326	94otu97614
3141342	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Coprococcus</i>	unclassified
184394	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	94otu26993	97otu64685

SR: sun-dried raisins.

Table S3.

Taxonomic annotations: Annotations of the OTUs with the lowest *p*-values for SR samples at 0 and 24h fermentation time points.

TAXA ID	PHYLUM	CLASS	ORDER	FAMILY	GENUS	SPECIES
189271	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	unclassified	unclassified
180523	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	unclassified	unclassified
191399	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	unclassified	unclassified
753638	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Veillonellaceae</i>	<i>Dialister</i>	unclassified
179291	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Faecalibacterium</i>	<i>prausnitzii</i>
185949	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	unclassified	unclassified
573061	<i>Proteobacteria</i>	unclassified	unclassified	unclassified	unclassified	unclassified
192046	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	unclassified	unclassified	unclassified
4460021	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Ruminococcus</i>	97otu20408
4315974	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Streptococcaceae</i>	<i>Streptococcus</i>	97otu66887
190502	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Streptococcaceae</i>	<i>Streptococcus</i>	unclassified
4424239	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Streptococcaceae</i>	<i>Streptococcus</i>	unclassified

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