

TABLE S1. Microbial strains employed in the present study

Species	Strain(s)	Origin
<i>Lactobacillus brevis</i>	ATCC ^a 367	Silage
<i>Lactobacillus brevis</i>	IOEB ^b 9906, 9907, 9908, 9910, 9925	Sugarcane
<i>Lactobacillus buchneri</i>	LTH ^c 1388, 2515	Cheese
<i>Lactobacillus buchneri</i>	DSMZ ^d 5987	Cheese
<i>Lactobacillus buchneri</i>	ATCC 11305	Beer
<i>Lactobacillus casei</i>	ATCC 334	Cheese
<i>Lactobacillus casei</i>	IOEB 9914, 9915, 9916, 9919, 9920	Sugarcane
<i>Lactobacillus fermentum</i>	IOEB 9909, 9912	Sugarcane
<i>Lactobacillus gasseri</i>	ATCC 33323	Human
<i>Lactobacillus hilgardii</i>	ATCC 8290, 27304	Wine
<i>Lactobacillus plantarum</i>	IOEB 9911, 9917, 9918, 9921, 9922, 9923, 9924, 9926	Sugarcane
<i>Lactobacillus sakei</i>	LTH 2076	Sauerkraut
<i>Lactobacillus sakei</i>	ATCC 15521	Fermented rice
<i>Lactobacillus sanfranciscensis</i>	ATCC 27651	Cheese
<i>Lactobacillus</i> sp. 30a	ATCC 33222	Horse stomach
<i>Leuconostoc mesenteroides</i>	ATCC 8293	Olives
<i>Oenococcus oeni</i>	IOEB 9915, 89006	Wine
<i>Pediococcus damnosus</i>	ATCC 25248	Beer
<i>Pediococcus damnosus</i>	ATCC 25249	Beer
<i>Pediococcus dextrinicus</i>	ATCC 33087	Silage
<i>Pediococcus parvulus</i>	ATCC 19371	Silage
<i>Pediococcus pentosaceus</i>	ATCC 33316	Beer
<i>Pediococcus pentosaceus</i>	IOEB 9904	Sugarcane
<i>Tetragenococcus muriaticus</i>	LMG ^e 18490	Squid liver sauce

^aATCC: American Type Culture Collection (Manassas, VA).

^bIOEB: Institut d'Œnologie de Bordeaux (Bordeaux, France) .

^cLTH: Institut für Lebensmittelstechnologie (Hohenheim, Germany).

^dDSMZ: Deutsche Sammlung von Mikroorganismen und Zellkulturen (Braunschweig, Germany).

^eLMG: Belgian Coordinated Cultures of Microorganisms (Gent, Belgium).