Table S1. Biochemical properties used to identify the bacterial isolates.

Group number	Isolate number	Cell morphology[a]	CO_2 from glucose	Growth (%NaCl) 4	Growth (%NaCl) 6.5	Growth (°C) 10/15[b]	Growth (°C) 45	lactose	mannitol	sucrose	maltose	galactose	sorbitol	raffinose	ribose	cellobiose	trehalose	xylose	melibiose	L-arabinose
1	2575, 2577, 2578, 2579, 2580, 2581, 2585, 2586, 2588, 2593, 2594, 2595, 2598, 2599, 2667, 2669, 2670, 2671, 2672	c	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+
2	2582, 2583, 2587, 2592, 2600, 2601, 2603	c	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+
3	2591	c	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
4	2597, 2711, 2710, 2717, 2718, 2720, 2721, 2723	c	-	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	-	+
5	2636, 2642, 2643, 2644, 2647, 2690, 2691	c	-	+	+	+	-	+	+	+	+	+	+	+	+	+	+	-	+	+
6	2686	c	-	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+
7	2724, 2725,	c	-	+	+	+	-	+	+	+	+	+	-	+	+	+	+	-	+	+
8	2758	c	-	+	+	+	-	+	+	-	+	+	+	+	+	+	+	+	+	+
9	2602, 2651, 2722	c	-	+	+	+	+	+	+	+	+	+	+	-	+	+	+	-	-	-
10	2649, 2658, 2692, 2697, 2698, 2699, 2700	c	-	+	-	+	-	+	-	-	+	+	-	-	+	-	-	-	-	-
11	2616, 2681, 2683, 2689, 2694, 2753	c	-	-	-	-	-	+	-	+	+	+	-	+	+	+	+	-	+	-
12	2620, 2621, 2622, 2623, 2634, 2635, 2652, 2655, 2657, 2680, 2696, 2761	c	-	-	-	-	-	+	-	+	+	+	-	+	+	+	+	+	+	-
13	2673, 2674	c	-	-	-	-	-	+	-	+	+	+	-	-	+	+	+	+	+	-

No.	Accessions	Group																		
14	2675, 2678, 2679	c	-	-	-	-	-	+	-	+	+	+	-	-	+	+	+	+	-	-
15	2676	c	-	-	-	-	-	+	-	+	+	+	-	+	+	+	+	+	-	-
16	2677	c	-	-	-	-	-	+	-	+	+	+	-	+	+	+	+	-	-	-
17	2748, 2749	c	-	-	-	-	-	+	-	+	+	+	-	-	+	+	+	-	+	-
18	2754	c	-	-	-	-	-	+	-	+	+	+	-	-	+	+	+	-	-	-
19	2752	c	-	-	-	-	-	+	-	-	+	+	-	-	+	+	+	+	-	-
20	2576	c	+	-	-	-	-	+	+	+	+	+	-	+	-	+	+	-	+	-
21	2604	c	+	-	-	-	-	+	+	+	+	+	-	-	-	+	+	-	+	-
22	2703, 2706	c	+	-	-	-	-	+	+	+	+	+	-	+	+	+	+	+	+	-
23	2704, 2705	c	+	-	-	-	-	+	+	+	+	+	-	+	+	+	+	-	+	-
24	2662, 2693	b	+	-	-	+	-	-	+	+	-	-	-	+	+	+	-	+	+	-
25	2708, 2709, 2716, 2728, 2734, 2735	b	+	-	-	+	-	-	-	+	-	-	-	-	+	+	-	-	-	-
26	2584, 2605, 2606, 2607, 2608, 2609, 2610, 2639, 2640, 2641, 2653, 2654, 2668	b	+	-	-	+	-	-	+	+	-	-	+	+	+	+	-	+	+	-
27	2589, 2590, 2611, 2612, 2614, 2615, 2617, 2618, 2619, 2637, 2638, 2645, 2646, 2648, 2650, 2656	b	+	-	-	+	-	-	+	+	-	-	+	+	+	+	-	-	+	-
28	2596, 2597, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2659, 2660, 2661, 2663, 2664, 2665, 2666, 2682, 2684, 2757, 2759, 2760, 2762, 2763	b	+	-	-	+	-	-	-	+	+	+	-	+	+	-	-	+	+	-
29	2685, 2687, 2688	b	+	-	-	+	-	-	-	+	+	-	-	+	+	-	-	+	+	-
30	2613, 2701, 2702, 2707, 2710, 2714, 2726, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746	b	+	-	-	-	-	-	-	+	+	+	-	+	-	+	+	+	+	-
31	2712, 2713, 2719, 2747, 2750	b	+	-	-	-	-	-	-	+	+	+	-	+	-	+	+	-	+	-
32	2727, 2729, 2730, 2731	b	+	-	-	-	-	-	-	+	+	+	-	+	-	-	+	+	+	-
33	2732	b	+	-	-	-	-	-	-	+	+	+	-	+	-	-	+	-	+	-
34	2733, 2756	b	+	-	-	-	-	-	-	+	+	+	-	-	-	-	+	-	+	-
35	2736, 2737, 2738	b	+	-	-	-	-	-	-	+	+	+	-	-	-	-	+	+	+	-

| 36 | 2751, 2755 | b | + | - | - | - | - | - | - | + | + | + | - | - | - | + | + | - | + | - |

^a b: bacilli; c: cocci

^b 10ºC for cocci; 15ºC for bacilli