

Table S1. ID strains, species of *B. cereus* group and source of isolation.

ID Strain	Bacterial Species	Source	
BC2D	<i>B. cereus</i> E33L	Mozzarella	Dairy products
BC4C	<i>B. cereus</i> 03BB102	Buffalo Mozzarella	
BC5B	<i>B. cereus</i> ATCC 10876	Burrata	
BC91C	<i>B. cereus</i> Rock1 15	Yogurt	
BC126B	<i>B. cereus</i> AH187	Caciocotta	
BC143A	<i>B. cereus</i> F	Butter	
BC182A	<i>B. cereus</i> E33L	Ricotta	
BC185A	<i>B. cereus</i> ATCC 10876	Bulk milk	
BC9A	<i>B. cereus</i> ATCC 10876	Pasteurized milk	
BC41A	<i>B. cereus</i> 172560W	Bulk milk	
BC56B	<i>B. cereus</i> 172560W	Packaged ice cream	
BC84A	<i>B. cereus</i> ATCC 10876	Mozzarella	
BC85A	<i>B. cereus</i> 172560W	Mozzarella	
BC99A	<i>B. cereus</i> 172560W	Mozzarella	
BC123A	<i>B. cereus</i> 172560W	Junket	
BC128B	<i>B. cereus</i> 172560W	Scamorza	
BC138A	<i>B. cereus</i> AH187	Quark	
BC156C	<i>B. cereus</i> 172560W	Semi-cured cheese	
BC166A	<i>B. cereus</i> CI	Mozzarella	
BC178A	<i>B. cereus</i> 172560W	Quark	
BC171B	<i>B. cereus</i> 172560W	Mozzarella	
BC194C	<i>B. cereus</i> Rock1 15	Ice cream	
BC209C	<i>B. cereus</i> ATCC 10876	Sheep's milk cheese	
BC221A	<i>B. cereus</i> 172560W	Caciotta	
BC223B	<i>B. cereus</i> 172560W	Mozzarella	
BC224B	<i>B. cereus</i> 172560W	Mozzarella	
BC226A	<i>B. cereus</i> CI	Mozzarella	
BC238B	<i>B. cereus</i> CI	Caciocavallo	
BC245A	<i>B. cereus</i> F	Caciocavallo	
BC263A	<i>B. cereus</i> F	Mozzarella	
BC290A	<i>B. cereus</i> F	Mozzarella	
BC293A	<i>B. cereus</i> E33L	Sheep's milk cure cheese	
BC151A	<i>B. cereus</i> 172560W	Stretched cheese	
BC246A	<i>B. cereus</i> 172560W	Caciocavallo	
BC254A	<i>B. cereus</i> CI	Mozzarella	
BC258A	<i>B. cereus</i> Rock1_15	Scamorza	
BC266A	<i>B. cereus</i> 172560W	Caciocavallo	
BC281A	<i>B. cereus</i> F	Bulk milk	Fruit and vegetables
BC287A	<i>B. cereus</i> ATCC10987	Mozzarella	
BC294A	<i>B. cereus</i> AH187	Mozzarella	
BC384A	<i>B. cereus</i> AH187	Pistachio ice cream	
BC391A	<i>B. cereus</i> Rock1_15	Cream and chocolate ice cream	
BC331B	<i>B. cereus</i> F	Carosello	
BC335A	<i>B. cereus</i> 172560W	Cabbage	
BC348A	<i>B. cereus</i> AH187	Carosello	
BC355A	<i>B. cereus</i> 172560W	Green beans	
BC357B	<i>B. cereus</i> AH187	Melon	
BC359A	<i>B. cereus</i> 03BB102	Salad	
BC429A	<i>B. cereus</i> F	Truffle	
BC317C	<i>B. cereus</i> 172560W	Chicory	
BC313A	<i>B. cereus</i> 172560W	Beans	

BC329A	<i>B. cereus</i> 172560W	Fennel	
BC330A	<i>B. cereus</i> E33L	Salad	
BC425A	<i>B. cereus</i> ATCC_10876	Panettone	Bakery products
BC398C	<i>B. cereus</i> E33L	Cookies	
BC400A	<i>B. cereus</i> 172560W	Cookies	
BC407A	<i>B. cereus</i> 03BB102	Cookies	
BC407C	<i>B. cereus</i> CI	Cookies	
BC160B	<i>B. cereus</i> CI	Soft wheat flour	
BC161A	<i>B. cereus</i> m1293	Soft wheat flour	
BC416A	<i>B. cereus</i> AH187	Sea bass	Fish
BC195A	<i>B. cereus</i> AH187	Mixed seafood	
BC55A	<i>B. cereus</i> m1293	Anchovies in olive oil	
BC25B	<i>B. cereus</i> 172560W	Fresh sausage	Meat
BC70A	<i>B. cereus</i> ATCC 10876	Beef	
BC414B	<i>B. cereus</i> AH187	Russian salad	Mixed products
BC179A	<i>B. cereus</i> 172560W	Focaccia with scamorza	
BC187A	<i>B. cereus</i> 172560W	Sandwich with cured meat	
BC1A	<i>B. thuringensis</i> T13001	Mozzarella	Dairy products
BC8B	<i>B. thuringensis</i> BGSC 4AW1	Raw cow's milk	
BC8D	<i>B. thuringensis</i> BGSC 4CC1	Raw cow's milk	
BC77A	<i>B. thuringensis</i> T03a001	Butter	
BC147A	<i>B. thuringensis</i> YBT 020	Milk ice cream	
BC264B	<i>B. thuringensis</i> 97 27	Mozzarella	
BC2A	<i>B. thuringensis</i> T13001	Mozzarella	
BC4D	<i>B. thuringensis</i> T13001	Buffalo Mozzarella	
BC23B	<i>B. thuringensis</i> T13001	Mozzarella	
BC81B	<i>B. thuringensis</i> T13001	Mozzarella	
BC83B	<i>B. thuringensis</i> T13001	Mozzarella	
BC124B	<i>B. thuringensis</i> T03a001	Primo sale cheese	
BC234A	<i>B. thuringensis</i> T03a001	Mozzarella	
BC262A	<i>B. thuringensis</i> BGSC 4Y1	Mozzarella	
BC312B	<i>B. thuringensis</i> T13001	Ricotta	
BC282A	<i>B. thuringensis</i> YBT_020	Mozzarella	
BC211A	<i>B. thuringensis</i> HD 29	Rocket	Fruit and vegetables
BC324A	<i>B. thuringensis</i> BGSC_4BD1	Artichokes	
BC337A	<i>B. thuringensis</i> BGSC_4BD1	Artichokes	Bakery products
BC398A	<i>B. thuringensis</i> T13001	Cookies	
BC404A	<i>B. thuringensis</i> T13001	Cookies	Fish
BC140A	<i>B. thuringensis</i> BGSC 4Y1	Swordfish with olives	
BC92B	<i>B. thuringensis</i> HD 29	Sausage	Meat
BC1B	<i>B. wiedmannii</i> FSL W8 0169	Mozzarella	Dairy products
BC4E	<i>B. wiedmannii</i> FSL W8 0169	Buffalo Mozzarella	
BC36A	<i>B. wiedmannii</i> FSL W8 0169	Caciocavallo	
BC130C	<i>B. wiedmannii</i> FSL W8 0169	Mozzarella	
BC131A	<i>B. wiedmannii</i> FSL W8 0169	Mozzarella	
BC183A	<i>B. wiedmannii</i> FSL W8 0169	Ricotta	
BC204A	<i>B. wiedmannii</i> FSL W8 0169	Scamorza	
BC222A	<i>B. wiedmannii</i> FSL W8 0169	Mozzarella	
BC239A	<i>B. wiedmannii</i> FSL W8 0169	Mozzarella	
BC259A	<i>B. wiedmannii</i> FSL W8 0169	Ricotta	
BC93B	<i>B. wiedmannii</i> FSL W8 0169	Mozzarella	
BC278A	<i>B. wiedmannii</i> FSL W8 0169	Mozzarella	
BC286A	<i>B. wiedmannii</i> FSL W8 0169	Mozzarella	
BC321A	<i>B. wiedmannii</i> FSL W8 0169	Lettuce	Fruit and vegetables
BC399A	<i>B. wiedmannii</i> FSL W8 0169	Wholemeal biscuits	Bakery products
BC243A	<i>B. wiedmannii</i> FSL W8 0169	Cream horn	
BC390A	<i>B. wiedmannii</i> FSL W8 0169	Surimi	Fish

<i>BC150A</i>	<i>B. wiedmannii FSL W8 0169</i>	Sausage	Meat
<i>BC375A</i>	<i>B. wiedmannii FSL W8 0169</i>	Ravioli	Mixed products
<i>BC4A</i>	<i>B. toyonensis BCT7112</i>	Buffalo Mozzarella	Dairy products
<i>BC127A</i>	<i>B. toyonensis BCT7112</i>	Mozzarella	
<i>BC275A</i>	<i>B. toyonensis BCT7112</i>	Mozzarella	
<i>BC320A</i>	<i>B. toyonensis BCT7112</i>	Rocket	Fruit and vegetables
<i>BC334A</i>	<i>B. toyonensis BCT7112</i>	Salad	
<i>BC212B</i>	<i>B. toyonensis BCT7112</i>	Mixed salad	
<i>BC423A</i>	<i>B. toyonensis BCT7112</i>	Almond sweet	Bakery products
<i>BC78A</i>	<i>B. weihenstephanensis KBAB4</i>	Mozzarella	Dairy products