## Supplementary Materials

Table S1. Detailed information about strains and antimicrobial susceptibility; P10 (penicillin G, 10U), AMP10 (ampicillin, 10 μg), KF30 (cephalothin, 30 μg), IMP10 (imipenem,10 μg), CN10 (gentamicin, 10 μg), C30 (chloramphenicol, 30 μg), E15 (erythromycin, 15 μg), TE30 (tetracycline, 30 μg), CIP5 (ciprofloxacin, 5 μg), DA2 (clindamycin, 2 μg), STX25 (trimethoprim-sulfamethoxazole, 25 μg), RD5 (rifampicin, 5 μg), CRO30 (ceftriaxone, 30 μg), TEC30 (teicoplanin, 30 μg), AMC30 (amoxicillin-clavulanic acid, 30 μg), QD15 (quinupristin/dalfopristine, 15 μg).

Strain number	Source of isolation		Growth on MYP agar	Haemolysis	AMP 10 AMP 10 KF 30 CN 10 CN 20 CN 20 CIP 5 30 CIP 5 30 CRO 30 CRO 30 AMC 30 OD 15 OD 15
123	Cupcake	2004	typical	+	
124	Chocolate cake	2004	typical	+	
125	Sponge cake with chocolate cream	2004	typical	+	
126	Napoleon cake	2004	typical	+	
197	Kuskus food poisoning	2004	typical	+	
265	Napoleon cake	2004	typical	+	
266	Polish chocolate cream cake	2004	typical	+	
267	Muffins with pudding cream		typical	+	
268	Roulade with whipped cream	2004	typical	+	
269	Polish papal cream cake	2004	typical	+	
270	Ground ginger	2004	typical	+	
322	Eclairs with pudding cream without cooking	2005	typical	+	
439	Omelette cake	2005	typical	+	-
490	Polish papal cream cake	2006	typical	+	
491	Polish papal cream cake		typical	+	
492	Polish papal cream cake		typical	+	
493	Polish papal cream cake	2006	typical	+	
494	Shortcrust pastry with pudding mass		typical	+	
495	Rum dessert		typical	+	
539	Napoleon cake		typical	+	
540	Muffins with pudding cream		typical	+	
896	Polish chocolate cream cake		typical	+	
897	Chocolate cake		typical	+	
898	Polish chocolate cream cake with blueberries	2006	typical	+	
899	Donut with whipped cream	2006	typical	+	
978	Cream roulade		typical	+	
980	Coconut roulade	2006	typical	+	
635	Cream cake		typical	+	
636	Cocoa and poppy seed sponge cake with pudding cream, jelly and biscuits.	2007	typical	+	
637	Shortbread with meringue, cream and currant jam	2007	typical	+	

691	Honey cake	2007	typical	+				
693	Honey cake	2007	typical	+				
865	Dumplings with meat	2007	typical	+			_	
866	Cakes with uncooked cream		typical	+				
867	Polish chocolate cream cake		• 1	+				
868	Polish chocolate cream cake			+				
869	Polish chocolate cream cake	2007	typical	+				
960	Cream cake	2007	typical	+				
970	"Camargo" sponge cake with cream	2007	typical	+				
971	Cream cake		typical	+	_			
	Sponge cake with pudding mass with the	2007	typicai					
972	addition of dried fruits and nuts	2007	typical	+				
973	Eclairs	2007	typical	+				_
981	Eclairs		typical	+				
983	Cakes with uncooked cream		typical	+			_	
989	Cheesecake	2007	typical	+				
779	Tomato with lettuce - food poisoning	2008	trmical	+				
119	outbreak	2008	typical	т				
780	Tomato - food poisoning outbreak	2008	typical	+				
820	Cream cake		typical	+				
821	Polish chocolate cream cake			+	_			
			typical				_	
822	Cream cake	2008	typical	+				
857	Mackerel paste - food poisoning	2008	typical	+				
	outbreak							
858	Jelly cake		typical	+				
859	Omelette with whipped cream		typical	+			_	_
860	Cream cupcakes		typical	+				-
895	Polish chocolate cream cake		typical	+			_	
963	Cream cake		typical	+				
1153	Cakes with uncooked cream		typical	+		_		
1180	Napoleon cake		typical	+			_	
1394	Cherry cake		typical	+			_	
1398	Eclairs		typical	+			_	
1399	Cream cake			+				_
1447	Eclairs		typical	+				
1473	Napoleon cake	2009	typical	+				
1474	Napoleon cake		typical	+				
1571	Napoleon cake		typical	+				
1628	Chicken		typical	+				
1635	Poppy seed cake with cream		typical	+				
1636	Caramel cake	2010	typical	+		_		
1676	Sponge cake with a lot of pudding mass	2010	typical	+			_	
	with the addition of dried fruits							
1718	Cream cake		typical	+				
1737	Poppy seed cake		typical	+				
1777	Cream roulade		typical	+				
1778	Chocolate sponge cake		typical	+			_	
1637 A	Heat-treated cream cake		typical	+		_		
1869	Puff pastry with cream		typical	+			_	
3199	Cakes with uncooked cream		typical	+				
1997	Polish chocolate cream cake		typical	+				
1998	Eclairs		typical	+				
1999	Puff pastry with cream		typical	+				
2000	Honey cake		typical	+				
2063	Polish chocolate cream cake		typical	+				
2064	Polish chocolate cream cake		typical	+				
2065	Polish chocolate cream cake		typical	+				
2066	Polish chocolate cream cake		typical	+				
2067	Polish chocolate cream cake		typical	+				_
2068	Roulade with whipped cream	2012	typical	+				

2069	Roulade with whipped cream	2012 typ	pical	+			
2070	Roulade with whipped cream	2012 typ		+			
2071	Roulade with whipped cream	2012 ty		+	_		
2072	Roulade with whipped cream	2012 typ		+			
						_	
2124	Marzipan cake	2012 typ		+			
2232	Polish chocolate cream cake	2013 typ		+		_	
2233	Polish chocolate cream cake	2013 typ	pical	+		_	
2234	Polish chocolate cream cake	2013 typ	pical	+		_	
2235	Polish chocolate cream cake	2013 typ		+			
2236	Polish chocolate cream cake	2013 ty		+			
2325	Poultry paste - food poisoning outbreak	2013 ty		+			
	, ,					_	
2364	Milk soup - food poisoning outbreak	2013 typ		+			
2365	Boiled egg - food poisoning outbreak	2013 typ	pical	+			
2366	Vegetable soup - food poisoning	2013 typ	nical	+			
2300	outbreak	2015 (9)	picai				
2367	Milk soup- food poisoning outbreak	2013 typ	pical	+			
	Cottage cheese - food poisoning		_				
2368	outbreak	2013 ty <sub>l</sub>	pıcal	+			
	Chicken fricassee - food poisoning						
2369		2013 typ	pical	+		_	
2270	outbreak						
2370	Milk soup - food poisoning outbreak	2013 typ	•	+			_
2420	Cake with mafioso cream	2013 typ	pical	+			
2424	Cocoa sponge cake, covered with Russel	2012 +	miss1				
2424	cocoa cream	2013 ty <sub>1</sub>	picai	+			
2425	Napoleon cake	2013 typ	nical	+			
	Shortbread with meringue, cream and		_				
2426	currant jam	2013 typ	pical	+			
2420		2012	1				
2430	Rafaello	2013 typ		+			_
2431	Napoleon cake	2013 typ	pical	+	_		
2556	Milk soup with flakes - food poisoning	2013 typ	nical	+		_	
2330	outbreak	2015 ()	picai				
2557	Milk soup with flakes - food poisoning	2012					
2557	outbreak	2013 typ	pical	+			
2558	Celery soup - food poisoning outbreak	2013 typ	nical	+			
2330 A	Sponge cake	2013 ty		+			
2330 B	Sponge cake	2013 typ		+			_
2462	Potato flakes - food poisoning outbreak	2014 typ		+	_		
2487	Puff pastry - food poisoning outbreak	2014 ty <sub>l</sub>		+			
2560	Tomato salad - food poisoning outbreak	2014 typ	pical	+			
2561	Cottage cheese - food poisoning		_				
2561	outbreak	2014 typ	pical	+			
2562	Potato soup - food poisoning outbreak	2014 typ	nical	+			
2563	Lunch - food poisoning outbreak	2014 ty <sub>l</sub>	picai	+			
2564	Neopolitian Soup - food poisoning	2014 typ	nical	+			
	outbreak		_				
2643	Cake - food poisoning outbreak	2014 typ	pical	+			
2674	Cake	2014 typ	pical	+		_	
2575 A	Meringue cake	2014 typ		+	_		
2575 B	Meringue cake	2014 ty	•	+			
2575 C	Meringue cake	2014 typ		+		_	-
						_	
2575 D	Meringue cake	2014 typ		+		_	
2575 E	Meringue cake	2014 typ		+	_		
3123	Chocolate cake	2016 ty <sub>l</sub>		+			
3145	Cake	2016 typ	pical	+			
3149	Cake	2016 typ	pical	+			
3002 A	Eclair with pudding	2016 ty		+			
3002 B	Eclair with pudding	2016 typ		+			
3146	Cake	2010 ty <sub>1</sub>		+			
3140	Cake			+			
		2017 typ					
3148	Cake	2017 typ		+			
3202	Apple pie	2017 typ		+			
3203	Apple pie	2017 ty <sub>l</sub>	pical	+			

3204	Apple pie	2017 typic	cal +			
3205	Apple pie	2017 typic	cal +			
3206	Apple pie	2017 typic				
3208	Sponge cake with cream	2017 typic				
3211	Sponge cake with cream	2017 typic				
3212	Sponge cake with cream	2017 typic				
3213	Sponge cake with cream	2017 typic				
3214	Sponge cake with cream	2017 typic				
	Chocolate sponge cake with cream and	2017 typi	cai			
3218	banana	2017 typic	cal +			
3307	Shortbread with pudding, caramel and	2017 typic	cal +			_
2200	nuts					_
3308	Puff pastry with cream	2017 typic				
3309	Puff pastry with cream	2017 typic			_	
3310	Meringue with cranberries	2017 typic				
3311	Meringue with cranberries	2017 typic				
3312	Sponge cake with cream	2017 typic				
3313	Cappucino roulade	2017 typic				
3314	Cappucino roulade	2017 typic	cal +			
3315	Jelly cream cake	2017 typic	cal +			_
3316	Jelly cream cake	2017 typic	cal +		<u> </u>	
3317	Jelly cream cake	2017 typic				
	Forest fruit cake in sugar mass (cake	• •				
3401	with uncooked cream	2017 typic	cal +			
3404	Cookie with cream (not heat treated)	2017 typic	cal +			
3405	Cookie with cream (not heat treated)	2017 typic				
3406	Cookie with cream (not heat treated)	2017 typic				
3407	Cookie with cream (not heat treated)	2017 typic				
3407	Chocolate cake					
		2017 typic				
3409	Chocolate cake	2017 typic				
3410	Kürtöskalács with cheese	2017 typic				
3411	Kürtöskalács with cheese	2017 typic				
3412	Kürtöskalács with cheese	2017 typic				_
3413	Kürtöskalács with cheese	2017 typic				
3414	Cheesecake	2017 typic				
3415	Cheesecake	2017 typic				
3425	Cheesecake with sponge cake	2017 typic				
3426	Kürtöskalács with poppy seed	2017 typic	cal +			
3427	Lemon cake with cream	2017 typic	cal +			_
3428	Lemon cake with cream	2017 typic	cal +			_
3429	Lemon cake with cream	2017 typic	cal +			
3430	Rafaello cake	2017 typic				
3431	Rafaello cake	2017 typic				
3432	Rafaello cake	2017 typic				
3433	Rafaello cake	2017 typic				
3434	Rafaello cake	2017 typic				
3441	3-bit cake (with uncooked cream)	2017 typic				
3442	3-bit cake (with uncooked cream)	2017 typic				
3443	3-bit cake (with uncooked cream)	2017 typic				
3444	3-bit cake (with uncooked cream)	2017 typic				_
3207 A				_		
	Sponge cake with cream	2017 typic				
3207 B	Sponge cake with cream	2017 typic				
3209 A	Sponge cake with cream	2017 typic			_	
2517	Cake	2018 typic				
3532	Cake	2018 typic				
3533	Raspberry cheesecake	2018 typic			_	
3534	Raspberry cheesecake	2018 typic				
3536	3-bit cake (with uncooked cream)	2018 typic	cal +			
3537	Chocolate sponge cake with raisins	2018 typic	cal +			
5551	soaked in rum, pineapple and coconut	2010 typic	-ui			
3538	Chocolate sponge cake with raisins	2018 typic	cal +			
3330	soaked in rum, pineapple and coconut	2010 typic	-uı			

3539	Cream cake	2018 t		+			
3541	Cream cake	2018 t	ypical	+			
3544	Chocolate sponge cake with raisins soaked in rum, pineapple and coconut	2018 t	ypical	+		_	
3547	Plum cake	2018 t	vnical	+			
3549	Plum cake	2018 t		+			
3550	Plum cake	2018 t		+			
3553	Plum cake	2018 t		+			
3554	Plum cake	2018 t		+		_	
3561	Polish papal cream cake	2018 t		+			
3562	Polish papal cream cake	2018 t		+			
3563	Polish papal cream cake	2018 t		+			
3564	Polish papal cream cake	2018 t		+			
3565	Polish papal cream cake	2018 t		+			
3861	Shortbread with cream and caramel			+			-
3001		2018 t	ургсаг	Т		_	
3921	Chocolate sponge cake with raisins	2018 t	ypical	+		_	
2020	soaked in rum, pineapple and coconut Tiramisu	2010 4	:	1		_	
3930		2018 t		+			
3931	Tiramisu	2018 t		+		_	
3932	Tiramisu	2018 t		+		_	
3933	Tiramisu	2018 t		+			
3934	Tiramisu	2018 t		+		-	
3935	Tiramisu	2018 t		+		-	
3936	Tiramisu	2018 t		+		-	
3937	Tiramisu	2018 t		+		-	
3938	Tiramisu	2018 t		+	_		•
3946	Almond-raspberry cake	2018 t		+			
3947	Sponge cake with cream	2018 t		+			
3948	Napoleon cake	2018 t		+			
3949	Napoleon cake	2018 t	ypical	+			
3950	Napoleon cake	2018 t	ypical	+			
3951	Polish chocolate cream cake	2018 t	ypical	+			
3952	Polish chocolate cream cake	2018 t	ypical	+			
3953	Polish chocolate cream cake	2018 t	ypical	+			
3956	Puff pastry cake with cream	2018 t	ypical	+			
3957	Polish chocolate cream cake	2018 t		+		_	
3958	Polish chocolate cream cake	2018 t		+			
3959	Mascarpone cupcake	2018 t	ypical	+			
3960	Mascarpone cupcake	2018 t		+			
3961	Mascarpone cupcake	2018 t		+			
3962	Mascarpone cupcake	2018 t		+			
3963	Salty caramel cheesecake	2018 t		+			
3964	Salty caramel cheesecake	2018 t		+			
3965	Salty caramel cheesecake	2018 t	• 1	+			
	Meringue layered with whipped cream						_
4003	and fruit	2018 t	ypical	+			
	Meringue layered with whipped cream						
4004	and fruit	2018 t	ypical	+			
	Meringue layered with whipped cream						
4005	and fruit	2018 t	ypical	+			
						_	
4006	Meringue layered with whipped cream	2018 t	ypical	+		_	
	and fruit		<b>71</b>				
4007	Meringue layered with whipped cream	2018 t	voical	+			
	and fruit		<i>J</i> 1				
4008	Chocolate spongecake with meringue	2018 t	ypical	+			
	and butterscotch mass		- 1				
4009	Chocolate spongecake with meringue	2018 t	vpical	+			
	and butterscotch mass	_010 t	) I				
4010	Chocolate spongecake with meringue	2018 t	vnical	+			
	and butterscotch mass						
4086	Cake with cream mass, chocolate glaze	2018 t		+			
4146	Cake with cream mass, chocolate glaze	2018 t	ypical	+			

414	18	Cake with cream mass, chocolate glaze	2018 typical	+		
423	32	Coffee cakes with cream (not heat treated)	2018 typical	+		
423	33	Coffee cakes with cream (not heat treated)	2018 typical	+		
423	37	Cheese cake	2018 typical	+		
423	88	Honey cake with pudding, carmel and nuts	2018 typical	+		
424	10	Honey cake with pudding, carmel and nuts	2018 typical	+		- 1
424	1	Eclairs with pudding cream	2018 typical	+		_
424	12	Sponge cake with cream	2018 typical	+		_
424	13	Cake	2018 typical	+		
386	60 a	Cake	2018 typical	+		
386	60 b	Cake	2018 typical	+		
386	60 C	Cake	2018 typical	+		_
387	'0 A	Pancakes - food poisoning	2018 typical			
387	70 B	Pancakes - food poisoning	2018 typical	+		
387	′0 C	Pancakes - food poisoning	2018 typical			
387	'0 D	Pancakes - food poisoning	2018 typical			
387	'0 E	Pancakes - food poisoning	2018 typical			
	94A	Cream cake (not heat treated)	2018 typical			
	94B	Cream cake (not heat treated)	2018 typical			

Resistant
Intermediate
Susceptible