

Sample number	Source of sample	Type of material	Genetic identification - NCBI database	Match with database	Number of consistent sequences	Accession number of most consistent sequence	Identification level	Microscopic identification	Identification level
S016	Dried mushrooms 01	Dried mushrooms	<i>Agrocybe pediades</i>	99-100%	>5	JN684779.1	species ¹	not analyzed	unidentified
S017	Dried mushrooms 02	Dried mushrooms	<i>Psilocybe semilanceata</i>	99-100%	>5	HM035080.1	species ²	not analyzed	unidentified
S018	Dried mushrooms 03	Dried mushrooms	<i>Amanita citrina</i>	98-99%	3 4	JN235140.1 FJ210727.1	species	not analyzed	unidentified
S019	Dried mushrooms 04	Dried mushrooms	<i>Agaricus bisporus</i>	99%	3	AY484692.1	species ³	not analyzed	unidentified
S020	Dried mushrooms 05	Dried mushrooms	<i>Cantharellus tubaeformis</i>	99%	>5	AF385633.1	species	not analyzed	unidentified
S022	Dried mushrooms 07	Dried mushrooms	<i>Craterellus cornucopioides</i>	99%	1	JF907967.1	species	not analyzed	unidentified
S023	Dried mushrooms 08	Dried mushrooms	<i>Flammulina elastica</i> <i>F. velutipes</i> <i>F. rossica</i>	99-100%	4 1 1	EU191055.1 JX294499.1 EU191054.1	species group	not analyzed	unidentified
S024	Dried mushrooms 09	Dried mushrooms	<i>Laccaria amethystina</i>	99%	>5	HM189775.1 (ITS1) AF539737.1 (ITS2)	species	not analyzed	unidentified
S025	Dried mushrooms 10	Dried mushrooms	<i>Lactarius lignyotus</i>	99-100%	>5	JQ446117.1	species ⁴	not analyzed	unidentified
S026	Dried mushrooms 11	Dried mushrooms	<i>Lactarius picinus</i> <i>L. fuliginosus</i>	99-100%	>5 3	JQ446133.1 AY606947.1	species group	not analyzed	unidentified
S027	Dried mushrooms 12	Dried mushrooms	<i>Lepista nuda</i>	98%	4	FJ810156.1	species ⁵	not analyzed	unidentified
S028	Dried mushrooms 13	Dried mushrooms	<i>Macrolepiota procera</i>	99-100%	2	JQ683113.1	species ⁶	not analyzed	unidentified
S029	Dried mushrooms 14	Dried mushrooms	<i>Marasmius alliaceus</i>	99%	5	JN943597.1	species	not analyzed	unidentified
S030	Dried mushrooms 15	Dried mushrooms	<i>Volvariella gloiocephala</i>	99%	>5	HM562209.1	species	not analyzed	unidentified
S072	Dried mushrooms 16	Dried mushrooms	<i>Psilocybe cubensis</i>	100%	5	HM035082.1	species	not analyzed	unidentified
S073	Dried mushrooms 16	Dried mushrooms	<i>Psilocybe cubensis</i>	100%	5	HM035082.1	species	not analyzed	unidentified
S074	Dried mushrooms 16	Dried mushrooms	<i>Psilocybe cubensis</i>	100%	5	HM035082.1	species	not analyzed	unidentified
S141	Dried mushrooms 17	Dried mushrooms	<i>Hypholoma fasciculare</i>	100%	5	FJ430717.1	species	not analyzed	unidentified
S142	Dried mushrooms 18	Dried mushrooms	<i>Boletus luridiformis</i> ⁷	99%	3	FM958177.1	species	not analyzed	unidentified
S143	Dried mushrooms 19	Dried mushrooms	<i>Boletus calopus</i>	100%	3	HM347645.1	species	not analyzed	unidentified
S144	Dried mushrooms 20	Dried mushrooms	<i>Boletus calopus</i>	100%	3	HM347645.1	species	not analyzed	unidentified
S145	Dried mushrooms 21	Dried mushrooms	<i>Boletus calopus</i>	100%	3	HM347645.1	species	not analyzed	unidentified
S224	Dried mushrooms 22	Dried mushrooms	<i>Serpula lacrymans</i>	100%	>5	AM946629.1	species	not analyzed	unidentified
S052	Patient 14	Faeces with mushroom fragments	<i>Chlorophyllum brunneum</i>	99-100%	>5	AY083208.1	species	not analyzed	unidentified
S150	Patient 53	Faeces with mushroom fragments	<i>Stropharia rugosoannulata</i>	99%	1	KC176328.1	species	<i>Macrolepiota procera</i>	species
S173	Patient 65	Faeces with mushroom fragments	no sequence	-			unidentified	<i>Russula</i> sp.	genus
S176	Patient 67	Faeces with mushroom fragments	<i>Russula vinosa</i>	99%	3	AF418638.1	species ⁸	<i>Macrolepiota procera</i> <i>Boletaceae</i>	species family

S192	Patient 75	Faeces with mushroom fragments	<i>Russula</i> spp. (max. <i>R. decolorans</i> <i>R. cf. vinos</i>)	91-94%	>5	FJ845432.1 FJ845428.1	genus	<i>Macrolepiota procera</i>	species
S206	Patient 83	Faeces with mushroom fragments	no sequence	-			unidentified	<i>Boletaceae</i>	family
S213	Patient 81	Faeces with mushroom fragments	<i>Amanita muscaria</i>	98%	>5	JF899546.1	species ^o	no spores	unidentified
S123	Patient 51	Faeces without mushroom fragments	<i>Paxillus involutus</i>	98-100%		FR750011.1	species	<i>Macrolepiota procera</i>	species
S012	Food leftover 01	Food leftovers	<i>Tremella fuciformis</i>	97-99%	>5	FJ501580.1	species	not analyzed	unidentified
S031	Food leftover 02	Food leftovers	<i>Scleroderma areolatum</i> <i>S. verrucosum</i>	99%	5 1	FM213352.1 EU784416.1	species group	not analyzed	unidentified
S032	Food leftover 03	Food leftovers	<i>Lactarius deliciosus</i>	100%	>5	FJ858745.1	species	<i>Lactarius deliciosus</i>	species
S033	Food leftover 03	Food leftovers	<i>Lactarius deliciosus</i>	100%	>5	FJ858745.1	species	<i>Lactarius deliciosus</i>	species
S037	Food leftover 04	Food leftovers	<i>Inocybe melanopus</i>	100%	2	AM882727.2	species	<i>Paxillus involutus</i>	species
S038	Food leftover 04	Food leftovers	<i>Inocybe melanopus</i>	100%	2	AM882727.2	species	<i>Paxillus involutus</i>	species
S039	Food leftover 05	Food leftovers	<i>Xerocomus badius</i>	100%	>5	HQ207696.1	species	<i>Boletaceae</i>	family
S040	Food leftover 05	Food leftovers	<i>Xerocomus badius</i>	100%	>5	HQ207696.1	species	<i>Boletaceae</i>	family
S041	Food leftover 06	Food leftovers	<i>Tylopilus felleus</i>	99-100%	4	HM190016.1	species	<i>Boletaceae</i>	family
S043	Food leftover 47	Food leftovers	<i>Agaricus xanthodermus</i>	100%	2	AY484689.1	species	<i>Agaricus</i> sp.	genus
S044	Food leftover 47	Food leftovers	<i>Agaricus xanthodermus</i>	100%	2	AY484689.1	species	<i>Agaricus</i> sp.	genus
S058	Food leftover 07	Food leftovers	<i>Suillus luteus</i>	100%	5	FJ236030.1	species	not analyzed	unidentified
S059	Food leftover 07	Food leftovers	<i>Suillus luteus</i>	100%	5	FJ236030.1	species	not analyzed	unidentified
S060	Food leftover 07	Food leftovers	<i>Suillus luteus</i>	100%	5	FJ236030.1	species	not analyzed	unidentified
S061	Food leftover 07	Food leftovers	<i>Lactarius deliciosus</i>	100%	>5	FJ858745.1	species	not analyzed	unidentified
S065	Food leftover 08	Food leftovers	<i>Xerocomus badius</i>	100%	>5	HQ207696.1	species	not analyzed	unidentified
S067	Food leftover 09	Food leftovers	<i>Lactarius rufus</i>	99-100%	>5	DQ097868.1	species	not analyzed	unidentified
S068	Food leftover 09	Food leftovers	<i>Lactarius rufus</i>	99-100%	>5	DQ097868.1	species	not analyzed	unidentified
S069	Food leftover 10	Food leftovers	<i>Agaricus bisporus</i>	99%	5	AY484692.1	species1	not analyzed	unidentified
S070	Food leftover 11	Food leftovers	<i>Agaricus bisporus</i>	99%	5	AY484692.1	species1	not analyzed	unidentified
S075	Food leftover 13	Food leftovers	<i>Xerocomus badius</i>	100%	>5	HQ207696.1	species	not analyzed	unidentified
S076	Food leftover 13	Food leftovers	<i>Agaricus bisporus</i>	99%	5	AY484692.1	species1	not analyzed	unidentified
S081	Food leftover 48	Food leftovers	<i>Xerocomus badius</i>	100%	>5	HQ207696.1	species	not analyzed	unidentified
S086	Food leftover 14	Food leftovers	<i>Agaricus osecanus</i> 10 <i>A. albolutescens</i> <i>A. urinascens</i> var. <i>excellens</i> <i>Lactarius salmonicolor</i> <i>L. deterrimus</i> 11	99%	1 1 3 2	AY484670.1 AY484675.1 AY484682.1 DQ922551.1 EF685051.1	species group	not analyzed	unidentified
S102	Food leftover 14	Food leftovers	<i>L. rubrilacteus</i> <i>L. sanguilluus</i> <i>L. vinosus</i>	98%	1 1 1	FJ627032.1 JQ685723.1 AY953420.1	species group	not analyzed	unidentified

S103	Food leftover 14	Food leftovers	<i>Lactarius salmonicolor</i>	98%	3	DQ922551.1	species group	not analyzed	unidentified
			<i>L. deterrimus</i> 11		2	EF685051.1			
			<i>L. rubrilacteus</i>		1	FJ627032.1			
			<i>L. sanguilluus</i>		1	JQ685723.1			
S109	Food leftover 15	Food leftovers	<i>Sullius luteus</i>	99%	5	FJ236030.1	species	not analyzed	unidentified
S110	Food leftover 16	Food leftovers	<i>Pleurotus ostreatus</i>	99-100%	>5	AY450345.1	genus	not analyzed	unidentified
			<i>P. citrinopileatus</i> + other species of <i>Pleurotus</i>		1				
S111	Food leftover 17	Food leftovers	<i>Agaricus bisporus</i>	99%	5	AY484692.1	species ³	not analyzed	unidentified
S112	Food leftover 18	Food leftovers	<i>Agaricus bisporus</i>	99%	5	AY484692.1	species ³	not analyzed	unidentified
S126	Food leftover 21	Food leftovers	<i>Agaricus bisporus</i>	99%	5	AY484692.1	species ³	not analyzed	unidentified
S127	Food leftover 22	Food leftovers	<i>Agaricus bisporus</i>	99%	5	AY484692.1	species ³	not analyzed	unidentified
S128	Food leftover 23	Food leftovers	<i>Agaricus bisporus</i>	99%	5	AY484692.1	species ³	not analyzed	unidentified
S130	Food leftover 25	Food leftovers	<i>Agaricus bisporus</i>	99%	5	AY484692.1	species ³	not analyzed	unidentified
S131	Food leftover 26	Food leftovers	<i>Amanita muscaria</i>	97-98%	>5	JQ685713.1	species ⁹	not analyzed	unidentified
S132	Food leftover 27	Food leftovers	<i>Amanita rubescens</i>	99%	1	AJ889923.1	species	not analyzed	unidentified
S133	Food leftover 28	Food leftovers	<i>Psilocybe semilanceata</i>	99%	>5	HM035080.1	species ²	not analyzed	unidentified
S134	Food leftover 29	Food leftovers	<i>Marasmius alliaceus</i>	99%	5	JN943597.1	species	not analyzed	unidentified
S135	Food leftover 30	Food leftovers	<i>Kuehneromyces mutabilis</i>	99%	1	EU029944.1	species	not analyzed	unidentified
S136	Food leftover 31	Food leftovers	<i>Russula</i> spp.	95-98%	>5	HQ604846.1	genus	not analyzed	unidentified
S137	Food leftover 32	Food leftovers	<i>Russula</i> spp.	94-95%	>5	DQ367913.1	genus	not analyzed	unidentified
S138	Food leftover 33	Food leftovers	<i>Boletus calopus</i>	100%	3	HM347645.1	species	not analyzed	unidentified
S139	Food leftover 34	Food leftovers	<i>Boletus luridiformis</i> ⁷	100%	3	FM958177.1	species	not analyzed	unidentified
S140	Food leftover 35	Food leftovers	<i>Hypholoma fasciculare</i>	100%	5	FJ430717.1	species	not analyzed	unidentified
S146	Food leftover 36	Food leftovers	<i>Xerocomus badius</i>	97%	>5	HQ207696.1	species	not analyzed	unidentified
S147	Food leftover 37	Food leftovers	<i>Stropharia rugosoannulata</i>	99%	1	KC176328.1	species	not analyzed	unidentified
S149	Food leftover 39	Food leftovers	<i>Stropharia rugosoannulata</i>	99%	1	KC176328.1	species	not analyzed	unidentified
S152	Food leftover 40	Food leftovers	<i>Chlorophyllum brunneum</i>	99-100%	>5	AY083208.1	species	not analyzed	unidentified
S159	Food leftover 41	Food leftovers	<i>Chlorophyllum brunneum</i>	99-100%	>5	AY083208.1	species	no spores	unidentified
S164	Food leftover 42	Food leftovers	<i>Leccinum versipelle</i>	99-100%	>5	AY538831.1	species ¹²	not analyzed	unidentified
S165	Food leftover 42	Food leftovers	<i>Leccinum versipelle</i>	99-100%	>5	AY538831.1	species ¹²	not analyzed	unidentified
S166	Food leftover 43	Food leftovers	<i>Russula</i> spp.	93-95%	>5	DQ367913.1	genus	<i>Amanita citrina</i>	species
			(max. <i>R. decolorans</i> <i>R. cf. vinosa</i>)						
S167	Food leftover 43	Food leftovers	<i>Russula</i> spp.	93-95%	>5	DQ367913.1	genus	<i>Amanita citrina</i>	species
			(max. <i>R. decolorans</i> <i>R. cf. vinosa</i>)						
S168	Food leftover 43	Food leftovers	<i>Russula vinosa</i>	99-100%	3	AF418638.1	species ⁸	<i>Amanita citrina</i>	species

S186	Food leftover 44	Food leftovers	<i>Amanita muscaria</i>	99-100%	>5	JF899546.1	species ⁹	<i>Amanita muscaria</i>	species
S187	Food leftover 44	Food leftovers	<i>Amanita muscaria</i>	99-100%	>5	JF899546.1	species ⁹	<i>Amanita muscaria</i>	species
S188	Food leftover 44	Food leftovers	<i>Amanita muscaria</i>	99-100%	>5	JF899546.1	species ⁹	<i>Amanita muscaria</i>	species
S201	Food leftover 45	Food leftovers	no sequence	-			unidentified	<i>Panaeolus papilionaceus</i>	species
S202	Food leftover 46	Food leftovers	<i>Amanita muscaria</i>	99-100%	>5	JF899546.1	species ⁹	not analyzed	unidentified
S203	Food leftover 46	Food leftovers	<i>Amanita muscaria</i>	99-100%	>5	JF899546.1	species ⁹	not analyzed	unidentified
S005	Patient 05	Gastric contents with mushroom fragments	<i>Bovista aestivalis</i>	98-99%	3	DQ112620.1	species ¹³	not analyzed	unidentified
S008	Patient 08	Gastric contents with mushroom fragments	no sequence	-			unidentified	<i>Macrolepiota procera</i>	species
S010	Patient 10	Gastric contents with mushroom fragments	no sequence	-			unidentified	no spores	unidentified
S011	Patient 09	Gastric contents with mushroom fragments	<i>Leccinum</i> spp. (max. <i>L. aurantiacum</i>)	98-100%	>5	AF454569.1	genus	not analyzed	unidentified
S036	Patient 11	Gastric contents with mushroom fragments	<i>Tricholoma sulphureum</i>	99-100%	3	AY462037.1	species ¹⁴	<i>Tricholoma</i> sp. <i>Boletaceae</i>	genus family
S042	Patient 12	Gastric contents with mushroom fragments	<i>Cortinarius</i> cf. <i>sertipes</i> <i>C. velenovskyi</i> <i>C. candellaris</i>	98-99%	1 1 1	AJ889969.1 GQ159907.1 GQ159883.1	genus	<i>Inocybe erubescens</i>	species
S045	Patient 14	Gastric contents with mushroom fragments	<i>Lactarius rufus</i>	99-100%	>5	DQ097868.1	species	<i>Gyromitra esculenta</i>	species
S047	Patient 15	Gastric contents with mushroom fragments	<i>Chlorophyllum brunneum</i>	99-100%	>5	AY083208.1	species	not analyzed	unidentified
S048	Patient 16	Gastric contents with mushroom fragments	<i>Chlorophyllum brunneum</i>	99-100%	>5	AY081222.1	species	not analyzed	unidentified
S049	Patient 17	Gastric contents with mushroom fragments	<i>Agaricus xanthodermus</i>	100%	2	AY484689.1	species	not analyzed	unidentified
S050	Patient 12	Gastric contents with mushroom fragments	<i>Agaricus xanthodermus</i>	99%	2	AY484689.1	species	no spores	unidentified
S051	Patient 13	Gastric contents with mushroom fragments	<i>Tylopilus felleus</i>	99-100%	4	HM190016.1	species	no spores	unidentified
S053	Patient 15	Gastric contents with mushroom fragments	<i>Lactarius rufus</i>	99-100%	>5	DQ097868.1	species	<i>Amanita muscaria</i>	species
S055	Patient 17	Gastric contents with mushroom fragments	<i>Scleroderma areolatum</i> <i>S. verrucosum</i>	99%	>5 1	FM213352.1 EU784416.1	species group	<i>Scleroderma</i> sp. <i>Boletaceae</i>	genus family
S062	Patient 20	Gastric contents with mushroom fragments	<i>Macrolepiota procera</i>	100%	2	JQ683106.1	species ⁶	not analyzed	unidentified
S063	Patient 20	Gastric contents with mushroom fragments	<i>Macrolepiota procera</i>	100%	2	JQ683106.1	species ⁶	not analyzed	unidentified
S064	Patient 21	Gastric contents with mushroom fragments	<i>Suillus luteus</i>	99-100%	5	FJ236030.1	species	no spores	unidentified
S066	Patient 22	Gastric contents with mushroom fragments	<i>Lactarius rufus</i>	99-100%	>5	DQ097868.1	species	<i>Russula</i> sp.	genus
S078	Patient 24	Gastric contents with mushroom fragments	<i>Scleroderma bovista</i>	99%	>5	JX030276.1	species	not analyzed	unidentified
S080	Patient 25	Gastric contents with mushroom fragments	<i>Suillus bovinus</i>	100%	1	AY898623.1	species	not analyzed	unidentified
S082	Patient 27	Gastric contents with mushroom fragments	<i>Xerocomus badius</i>	100%	>5	HQ207696.1	species	not analyzed	unidentified
S083	Patient 27	Gastric contents with mushroom fragments	<i>Xerocomus badius</i>	99%	>5	HQ207696.1	species	not analyzed	unidentified
S084	Patient 28	Gastric contents with mushroom fragments	<i>Xerocomus badius</i>	100%	>5	HQ207696.1	species	not analyzed	unidentified
S085	Patient 29	Gastric contents with mushroom fragments	<i>Echinoderma aspera</i>	100%	1	KC581336.1	species	not analyzed	unidentified
S088	Patient 30	Gastric contents with mushroom fragments	<i>Piptoporus betulinus</i>	97-98%	2	JQ700297.1	species	not analyzed	unidentified

S090	Patient 31	Gastric contents with mushroom fragments	<i>Phlebia rufa</i>	99%	3	AF141628.1	species ¹⁵	not analyzed	unidentified
S091	Patient 32	Gastric contents with mushroom fragments	<i>Xerocomus badius</i>	100%	>5	HQ207696.1	species	not analyzed	unidentified
S092	Patient 32	Gastric contents with mushroom fragments	<i>Xerocomus badius</i>	100%	>5	HQ207696.1	species	not analyzed	unidentified
S094	Patient 33	Gastric contents with mushroom fragments	<i>Bjerkandera adusta</i>	99%	>5	KC176354.1	species	not analyzed	unidentified
S099	Patient 37	Gastric contents with mushroom fragments	<i>Xerocomus badius</i>	100%	>5	HQ207696.1	species	not analyzed	unidentified
S105	Patient 40	Gastric contents with mushroom fragments	<i>Armillaria</i> spp. (max. <i>A. sinapina</i> <i>A. calvescens</i> <i>A. gallica</i>)	96%	wszystkie >5	AY213565.1 KC176342.1 AY213570.1	genus ¹⁶	not analyzed	unidentified
S151	Patient 54	Gastric contents with mushroom fragments	<i>Macrolepiota procera</i>	99%	4	JQ683106.1	species	<i>Macrolepiota procera</i>	species
S153	Patient 55	Gastric contents with mushroom fragments	<i>Kwoniella europaea</i> ¹⁷ <i>K. mangrovensis</i> <i>K. botswanensis</i>	99-100%	>5	HE984340.1 HE996973.1 HF545756.1	genus	not analyzed	unidentified
S155	Patient 57	Gastric contents with mushroom fragments	<i>Boletus calopus</i>	100%	3	HM347645.1	species	<i>Boletaceae</i>	family
S156	Patient 58	Gastric contents with mushroom fragments	no sequence	-			unidentified	<i>Macrolepiota procera</i>	species
S157	Patient 59	Gastric contents with mushroom fragments	<i>Boletus luridiformis</i> ⁷	98-100%	>5	FM958177.1	species	no spores	unidentified
S163	Patient 63	Gastric contents with mushroom fragments	<i>Bjerkandera adusta</i>	98-99%	>5	FJ608590.1	species	not analyzed	unidentified
S169	Patient 64	Gastric contents with mushroom fragments	<i>Amanita crocea</i> <i>A. velosa</i> ¹⁸	96-97%	1 2	JQ912665.1 GQ250409.1	genus	<i>Amanita citrina</i>	species
S170	Patient 65	Gastric contents with mushroom fragments	no sequence	-			unidentified	<i>Russula</i> sp.	genus
S171	Patient 65	Gastric contents with mushroom fragments	<i>Boletus luridiformis</i> ⁷	98-99%	5	DQ131633.1	species	no spores	unidentified
S174	Patient 66	Gastric contents with mushroom fragments	<i>Macrolepiota fuliginosa</i>	99%	1	AF482841.1	species	<i>Macrolepiota procera</i> <i>Boletaceae</i>	species family
S175	Patient 67	Gastric contents with mushroom fragments	<i>Chlorophyllum olivieri</i> <i>Macrolepiota procera</i> <i>Agaricus</i> spp.	99-100%	1 1	AY081242.1 JQ683127.1	genus group ¹⁹	<i>Macrolepiota procera</i> <i>Boletaceae</i>	species family
S177	Patient 68	Gastric contents with mushroom fragments	<i>Amanita muscaria</i> (max. <i>A. abruptibulbus</i> <i>A. sylvaticus</i>)	97%	>5	AY484673.1 AF059219.1	genus ²⁰	not analyzed	unidentified
S181	Patient 70	Gastric contents with mushroom fragments	<i>Chlorophyllum brunneum</i>	99-100%	>5	AY083208.1	species	<i>Macrolepiota procera</i>	species
S184	Patient 72	Gastric contents with mushroom fragments	<i>Hygrophoropsis aurantiaca</i>	99-100%	4	HF951531.1	species	<i>Hygrophoropsis aurantiaca</i>	species
S185	Patient 73	Gastric contents with mushroom fragments	<i>Russula vinosa</i>	99%	3	AF418638.1	species ⁸	not analyzed	unidentified
S190	Patient 75	Gastric contents with mushroom fragments	<i>Macrolepiota procera</i>	100%	2	JQ683106.1	species ⁶	<i>Macrolepiota procera</i>	species
S191	Patient 75	Gastric contents with mushroom fragments	<i>Russula vinosa</i>	97%	1	AF418638.1	species	<i>Macrolepiota procera</i>	species
S195	Patient 77	Gastric contents with mushroom fragments	<i>Amanita muscaria</i>	99-100%	>5	JF899546.1	species ⁹	no spores	unidentified
S199	Patient 81	Gastric contents with mushroom fragments	<i>Stropharia rugosoannulata</i>	97%	1	KC176328.1	species	no spores	unidentified
S200	Patient 82	Gastric contents with mushroom fragments	<i>Boletus calopus</i>	100%	3	HM347645.1	species	<i>Macrolepiota procera</i>	species
S205	Patient 82	Gastric contents with mushroom fragments	<i>Amanita muscaria</i>	99-100%	>5	JF899546.1	species ⁹	not analyzed	unidentified
S214	Patient 88	Gastric contents with mushroom fragments	<i>Chlorophyllum olivieri</i> <i>Macrolepiota procera</i>	99-100%	1 1	AY081242.1 JQ683127.1	genus group ¹⁹	<i>Macrolepiota procera</i>	species
S215	Patient 88	Gastric contents with mushroom fragments	<i>Chlorophyllum olivieri</i> <i>Macrolepiota procera</i>	99-100%	1	AY081242.1	genus group ¹⁹	not analyzed	unidentified

S216	Patient 89	Gastric contents with mushroom fragments	<i>Chlorophyllum olivieri</i>	99-100%	3	AY081242.1	genus group ¹⁹	not analyzed	unidentified
		Gastric contents with mushroom fragments	<i>Macrolepiota procera</i>		1	JQ683127.1			
S217	Patient 90	Gastric contents with mushroom fragments	<i>Amanita muscaria</i>	99-100%	>5	JF899546.1	species ⁹	not analyzed	unidentified
S220	Patient 93	Gastric contents with mushroom fragments	<i>Xerocomus badius</i>	99-100%	>5	HQ207696.1	species	not analyzed	unidentified
S004	Patient 04	Gastric contents without mushroom fragments	<i>Russula cyanoxantha</i>	99-100%	>5	AF418608.1	species	not analyzed	unidentified
S118	Patient 46	Gastric contents without mushroom fragments	<i>Macrolepiota procera</i>	99%	1	JQ683109.1	species	not analyzed	unidentified
S120	Patient 48	Gastric contents without mushroom fragments	<i>Boletus calopus</i>	100%	3	HM347645.1	species	not analyzed	unidentified
S121	Patient 49	Gastric contents without mushroom fragments	<i>Armillaria ostoyae</i>	99%	>5	AY213552.1	species ²¹	not analyzed	unidentified
S154	Patient 56	Gastric contents without mushroom fragments	<i>Boletus luridiformis</i> ⁷	98-100%	>5	FM958177.1	species	<i>Mycena sp.</i> <i>Coprinus sp.</i>	genus
S158	Patient 56	Gastric contents without mushroom fragments	<i>Boletus luridiformis</i> ⁷	98-100%	>5	FM958177.1	species	no spores	unidentified
S160	Patient 60	Gastric contents without mushroom fragments	<i>Boletus luridiformis</i> ⁷	98-99%	>5	DQ131633.1	species	no spores	unidentified
S162	Patient 62	Gastric contents without mushroom fragments	<i>Macrolepiota procera</i>	100%	2	JQ683106.1	species ⁶	no spores	unidentified
S197	Patient 79	Gastric contents without mushroom fragments	<i>Amanita muscaria</i>	99-100%	>5	JF899546.1	species ⁹	not analyzed	unidentified
S204	Patient 81	Gastric contents without mushroom fragments	<i>Amanita muscaria</i>	99-100%	>5	JF899546.1	species ⁹	no spores	unidentified
S209	Patient 85	Gastric contents without mushroom fragments	<i>Amanita muscaria</i>	99%	>5	JF899546.1	species ⁹	not analyzed	unidentified

- 1) Sequences that match at the level of 99-100% also named *A. subpediades* (JN684790.1), *A. semiorbicularis* (AY194536.1), and *A. arenicola* (JN684805.1), which are synonyms of *A. pediades*.
- 2) Match at the level of 99-100% also with an individual sequence of *P. fasciata* (AB158635.1) – an Asian species occurring in China and Japan.
- 3) Match at the level of 99% also with individual sequences: *A. subfloccosus* - AY484698.1 (European species, known in countries such as Denmark, Czech and Ukraine) and *A. subrufescens* - AY484674.1 (species known in North and South America, but also Western Europe). However, the origin of the material indicates that the most probable identity of the sample is *A. bisporus*.
- 4) Match at the level of 99-100% also with sequences of *L. fallax* (KC581340.1); however, this is a species occurring only in North America.
- 5) Match at the level of 97-98% also with sequences of *Tricholoma mongolicum* (KC413941.1); however, this is a species occurring only in Asia.
- 6) Match at the level of 99-100% also with sequences of the closely-related species *M. puellaris* (JQ683121.1), originating from Armenia.
- 7) Sequences in GenBank are labelled with the synonymous name *B. erythropus*.
- 8) Match at the level of 99-100% also with an individual sequence of *R. occidentalis* (AY228349.1.); however, this is a species occurring exclusively in North America.
- 9) Match at the level of 98-99% also with an individual sequence of *A. gemmata* (AF335440.1) originating from North America (possible error in GenBank database).
- 10) *A. excellens* (synonym *A. urinascens* var. *excellens*), and *A. nivescens* (synonym *A. osecanus*) are species occurring in Europe. *A. albolutelescens* is a species occurring in North America. All the mentioned species are related and belong to one section (together with *A. sylvicola*) (Geml J, Royse DJ. Molecular phylogeny and cultivation of *Agaricus* species. In: Proceedings of the IV International Conference on Mushroom Biology and Mushroom Products; 2002 Feb 20–23; Cuernavaca, Mexico; p. 111–20.)
- 11) The closest sequences in GenBank are labelled with the synonymous name *L. deliciosus* var. *deterimus*.
- 12) Sequences match at the level of 99-100%, also labelled with synonymous names *L. callitrichum* (AY538829.1), *L. percandidum* (AY538828.1), and *L. roseotinctum* (AY538826.1).
- 13) Match at the level of 99%, also with an individual sequence of *B. promontorii* (DQ112621.1); however, this is a species occurring exclusively in South Africa.
- 14) Match at the level of 99%, also with an individual sequence of *T. bufonium* (AY462030.1), which is a species that is very closely related to *T. sulphureum*. According to the work of Comandini et al. (Comandini O, Haug I, Rinaldi AC, Kuyper TW. Uniting *Tricholoma sulphureum* and *T. bufonium*. *Mycol Res.* 2004;108:1162-71. Medline:15535067 doi:10.1017/S095375620400084X), they are synonyms.
- 15) Sequences match at the level of 99% also labelled with the synonymous name *Phlebia acerina* (AB210080.1).
- 16) *A. sinapina*, *A. calvescens* – species occurring in North America, *A. lutea* (synonym *Armiallaria gallica*) – known species occurring in Europe and North America
- 17) Genus *Kwoniella* encompasses five currently known species of mushrooms from the order Tremellales, closely related to the genus *Filobasidiella*. These are saprobiontic microscopic fungi that do not form fruiting bodies (41,42,43,44).
- 18) *Amanita velosa* is a species occurring in North America.
- 19) Match at the level of 99% also with an individual sequence of *Morchella esculenta* (JQ691498.1) – evidently erroneously labelled sequence.
- 20) Match at the level of 99-100% also with sequences of *Agaricus californicus* (e.g. FJ755229.1); however, it is a species that is known from North America.
- 21) Match at the level of 99% also with sequences of species: *A. gemina* (AY213556.1), *A. sinapina* (AY213565.1) and *A. calvescens* (AY213565.1); however, these are species occurring exclusively in North America.