



**D-JRP7-1.1 Description of the
panel of strains already
sequenced**

JRP7 - LISTADAPT

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Responsible Partner: ANSES



GENERAL INFORMATION

European Joint Programme full title	Promoting One Health in Europe through joint actions on foodborne zoonoses, antimicrobial resistance and emerging microbiological hazards
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Description of the panel of strains already sequenced

1. Strains for the food panel

1.1. Strains sequenced in the context of ANSES/DTU previous collaboration (Henri et al., 2017)

Strains	Lineage	Serotype	MLST (ST)	MLST (CC)	Food matrice	technology	sequencing	Accession number
SO95	II	IIa	ST31	CC31	FPE	Illumina	Paired end	ERS1374939
08CEB263LM	II	IIa	ST121	CC121	FPE	Illumina	Paired end	ERS1374940
05CEB426LM	II	IIa	ST121	CC121	Fish	Illumina	Paired end	ERS1374941
03EB245LM	II	IIc	ST31	CC31	RTE	Illumina	Paired end	ERS1374942
09CEB328LM	II	IIa	ST121	CC121	Meat	Illumina	Paired end	ERS1374943
07CEB349LM	II	IIa	ST155	CC155	RTE	Illumina	Paired end	ERS1374944
08CEB209LM	II	IIa	ST121	CC121	Meat	Illumina	Paired end	ERS1374945
07CEB276LM	II	IIa	ST121	CC121	RTE	Illumina	Paired end	ERS1374946
IN9	II	IIa	ST193	CC193	Diary	Illumina	Paired end	ERS1374947
AF95	II	IIa	ST31	CC31	FPE	Illumina	Paired end	ERS1374948
AF105	II	IIc	ST9	CC9	FPE	Illumina	Paired end	ERS1374949
06CEB204LM	II	IIa	ST31	CC31	Fish	Illumina	Paired end	ERS1374950
12CEB03LM	II	IIa	ST204	CC204	Fish	Illumina	Paired end	ERS1374951
09CEB923LM	I	IVb	ST389	CC389	FPE	Illumina	Paired end	ERS1374952
11CEB340LM	II	IIa	ST200	CC200	Veg	Illumina	Paired end	ERS1374953
08CEB60LM	II	IIa	ST121	CC121	Veg	Illumina	Paired end	ERS1374954
AF160	I	IIb	ST3	CC3	Fish	Illumina	Paired end	ERS1374955
BO34	I	IVb	ST2	CC2	Meat	Illumina	Paired end	ERS1374956
10CEB335LM	II	IIa	ST8	CC8	Meat	Illumina	Paired end	ERS1374957
BO2	II	IIa	ST772	CC20	FPE	Illumina	Paired end	ERS1374958
09CEB411LM	II	IIa	ST26	CC26	Diary	Illumina	Paired end	ERS1374959
07CEB456LM	I	IIb	ST59	CC59	Fish	Illumina	Paired end	ERS1374960
05CEB474LM	II	IIa	ST31	CC31	Meat	Illumina	Paired end	ERS1374961
06CEB441LM	I	IVb	ST54	CC54	Meat	Illumina	Paired end	ERS1374962
AF90	I	IVb	ST1	CC1	Meat	Illumina	Paired end	ERS1374963
11CEB213LM	II	IIa	ST121	CC121	Meat	Illumina	Paired end	ERS1374964
06CEB216LM	I	IIb	ST3	CC3	Diary	Illumina	Paired end	ERS1374965
06CEB199LM	II	IIa	ST8	CC8	Meat	Illumina	Paired end	ERS1374966



08CEB214LM	II	IIc	ST121	CC121	RTE	Illumina	Paired end	ERS1374967
AF114	II	IIa	ST31	CC31	FPE	Illumina	Paired end	ERS1374968
08CEB79LM	II	IIa	ST121	CC121	Veg	Illumina	Paired end	ERS1374969
08CEB107LM	II	IIa	ST121	CC121	RTE	Illumina	Paired end	ERS1374970
09CEB160LM	I	IVb	ST4	CC4	Diary	Illumina	Paired end	ERS1374971
11CEB418LM	II	IIc	ST9	CC9	Meat	Illumina	Paired end	ERS1374972
AF104	II	IIc	ST9	CC9	FPE	Illumina	Paired end	ERS1374973
05CEB578LM	II	IIa	ST121	CC121	Fish	Illumina	Paired end	ERS1374974
11CEB391LM	II	IIa	ST8	CC8	Diary	Illumina	Paired end	ERS1374975
06CEB180LM	II	IIa	ST193	CC193	Fish	Illumina	Paired end	ERS1374976
09CEB861LM	II	IIc	ST9	CC9	FPE	Illumina	Paired end	ERS1374977
SO75	II	IIa	ST177	CC177	Diary	Illumina	Paired end	ERS1374978
IN1	II	IIa	ST193	CC193	Food	Illumina	Paired end	ERS1374979
11CEB216LM	II	IIa	ST204	CC204	RTE	Illumina	Paired end	ERS1374980
12CEB397LM	II	IIa	ST121	CC121	Meat	Illumina	Paired end	ERS1374981
08CEB121LM	II	IIc	ST9	CC9	RTE	Illumina	Paired end	ERS1374982
06CEB225LM	II	IIc	ST9	CC9	Meat	Illumina	Paired end	ERS1374983
06CEB188LM	I	IVb	ST6	CC6	Fish	Illumina	Paired end	ERS1374984
IN12	I	IVb	ST1	CC1	Food	Illumina	Paired end	ERS1374985
03EB210LM	II	IIc	ST9	CC9	Diary	Illumina	Paired end	ERS1374986
13CEB542LM	I	IIb	ST5	CC5	Meat	Illumina	Paired end	ERS1374987
06CEB128LM	I	IVb	ST194	CC315	RTE	Illumina	Paired end	ERS1374988
09CEB372LM	II	IIa	ST207	CC207	Meat	Illumina	Paired end	ERS1374989
12CEB1097LM	I	IVb	ST2	CC2	Veg	Illumina	Paired end	ERS1374990
10CEB605LM	I	IVb	ST2	CC2	Diary	Illumina	Paired end	ERS1374991
11CEB403LM	II	IIa	ST121	CC121	Fish	Illumina	Paired end	ERS1374992
05CEB573LM	I	IVb	ST220	CC220	Fish	Illumina	Paired end	ERS1374993
08CEB181LM	II	IIa	ST155	CC155	Fish	Illumina	Paired end	ERS1374994
08CEB172LM	II	IIc	ST9	CC9	Fish	Illumina	Paired end	ERS1374995
AF39	II	IIa	ST7	CC7	Meat	Illumina	Paired end	ERS1374996
IN10	II	IIa	ST193	CC193	Diary	Illumina	Paired end	ERS1374997
06CEB103LM	I	IIb	ST191	CC191	RTE	Illumina	Paired end	ERS1374998
10CEB615LM	I	IIb	ST224	CC224	Meat	Illumina	Paired end	ERS1374999
10CEB341LM	I	IIb	ST5	CC5	RTE	Illumina	Paired end	ERS1375000
08CEB178LM	I	IIb	ST5	CC5	Meat	Illumina	Paired end	ERS1375001
IN8	II	IIa	ST13	CC13	Diary	Illumina	Paired end	ERS1375002
06CEB211LM	I	IVb	ST6	CC6	Veg	Illumina	Paired end	ERS1375003
09CEB338LM	II	IIa	ST21	CC21	Diary	Illumina	Paired end	ERS1375004
06CEB379LM	II	IIa	ST121	CC121	Veg	Illumina	Paired end	ERS1375005
05CEB674LM	I	IVb	ST2	CC2	Veg	Illumina	Paired end	ERS1375006
12CEB24LM	II	IIa	ST451	CC11	Diary	Illumina	Paired end	ERS1375007
11CEB222LM	I	IVb	ST1	CC1	RTE	Illumina	Paired end	ERS1375008
11CEB450LM	II	IIa	ST204	CC204	FPE	Illumina	Paired end	ERS1375009
12CEB881LM	I	IIb	ST517	CC517	Diary	Illumina	Paired end	ERS1375010





08CEB73LM	II	Ila	ST121	CC121	Veg	Illumina	Paired end	ERS1375011
05CEB480LM	II	Ilc	ST9	CC9	Meat	Illumina	Paired end	ERS1375012
03EB237LM	I	Ilb	ST3	CC3	Diary	Illumina	Paired end	ERS1375013
11CEB633LM	I	Ilb	ST59	CC59	FPE	Illumina	Paired end	ERS1375014
11CEB367LM	II	Ila	ST121	CC121	FPE	Illumina	Paired end	ERS1375015
06CEB107LM	I	Ilb	ST5	CC5	FPE	Illumina	Paired end	ERS1375016
11CEB363LM	II	Ila	ST31	CC31	Veg	Illumina	Paired end	ERS1375017
09CEB335LM	II	Ila	ST91	CC14	Food	Illumina	Paired end	ERS1375018
06CEB656LM	I	IVb	ST1	CC1	Veg	Illumina	Paired end	ERS1375019
AF30	II	Ilc	ST9	CC9	Diary	Illumina	Paired end	ERS1375020
03EB120LM	II	Ilc	ST9	CC9	Fish	Illumina	Paired end	ERS1375021
BO18	II	Ila	ST31	CC31	Meat	Illumina	Paired end	ERS1375022
05CEB246LM	I	IVb	ST54	CC54	Meat	Illumina	Paired end	ERS1375023
11CEB460LM	II	Ila	ST7	CC7	Fish	Illumina	Paired end	ERS1375024
03EB246LM	II	Ila	ST155	CC155	RTE	Illumina	Paired end	ERS1375025
11CEB371LM	II	Ila	ST31	CC31	Veg	Illumina	Paired end	ERS1375026
11CEB441LM	II	Ila	ST7	CC7	Fish	Illumina	Paired end	ERS1375027
SO96	II	Ilc	ST9	CC9	Fish	Illumina	Paired end	ERS1375028
06CEB271LM	I	IVb	ST4	CC4	Veg	Illumina	Paired end	ERS1375029
10CEB88LM	I	Ilb	ST3	CC3	Meat	Illumina	Paired end	ERS1375030
06CEB443LM	I	Ilb	ST59	CC59	Meat	Illumina	Paired end	ERS1375031
09CEB19LM	II	Ila	ST8	CC8	Veg	Illumina	Paired end	ERS1375032
07CEB914LM	II	Ila	ST121	CC121	Meat	Illumina	Paired end	ERS1375033
04CEB202LM	II	Ila	ST21	CC21	FPE	Illumina	Paired end	ERS1375034
09CEB147LM	II	Ila	ST20	CC20	RTE	Illumina	Paired end	ERS1375035
IN5	II	Ila	ST13	CC13	Diary	Illumina	Paired end	ERS1375036
06CEB205LM	II	Ila	ST31	CC31	Fish	Illumina	Paired end	ERS1375037
11CEB364LM	II	Ila	ST121	CC121	Veg	Illumina	Paired end	ERS1375038
IN3	II	Ila	ST13	CC13	Diary	Illumina	Paired end	ERS1375039
12CEB1306LM	II	Ila	ST121	CC121	Fish	Illumina	Paired end	ERS1375040
SO56	II	Ila	ST534	CC535	Diary	Illumina	Paired end	ERS1375041
08CEB08LM	I	IVb	ST4	CC4	FPE	Illumina	Paired end	ERS1375042
11CEB354LM	II	Ila	ST31	CC31	Veg	Illumina	Paired end	ERS1375043
09CEB334LM	II	Ila	ST26	CC26	Diary	Illumina	Paired end	ERS1375044
06CEB178LM	II	Ila	ST193	CC193	Fish	Illumina	Paired end	ERS1375045
05CEB711LM	I	IVb	ST1	CC1	Diary	Illumina	Paired end	ERS1375046
05CEB745LM	II	Ila	ST121	CC121	FPE	Illumina	Paired end	ERS1375047
12CEB1182LM	II	Ila	ST121	CC121	Veg	Illumina	Paired end	ERS1375048
08CEB54LM	II	Ila	ST121	CC121	Veg	Illumina	Paired end	ERS1375049
11CEB359LM	II	Ila	ST121	CC121	Veg	Illumina	Paired end	ERS1375050
06CEB122LM	I	IVb	ST10	CC1	Veg	Illumina	Paired end	ERS1375051
IN4	II	Ila	ST13	CC13	Diary	Illumina	Paired end	ERS1375052
11CEB445LM	II	Ilc	ST9	CC9	Fish	Illumina	Paired end	ERS1375053
10CEB109LM	II	Ilc	ST9	CC9	RTE	Illumina	Paired end	ERS1375054





12CEB28LM	II	Ila	ST31	CC31	Veg	Illumina	Paired end	ERS1375055
06CEB469LM	II	Ila	ST121	CC121	RTE	Illumina	Paired end	ERS1375056
10CEB73LM	II	Ilc	ST9	CC9	RTE	Illumina	Paired end	ERS1375057
11CEB446LM	II	Ila	ST31	CC31	Veg	Illumina	Paired end	ERS1375058
IN14	I	IVb	ST194	CC315	Diary	Illumina	Paired end	ERS1375059
06CEB476LM	II	Ila	ST121	CC121	RTE	Illumina	Paired end	ERS1375060
06CEB179LM	II	Ila	ST193	CC193	Fish	Illumina	Paired end	ERS1375061
10CEB630LM	II	Ila	ST121	CC121	Fish	Illumina	Paired end	ERS1375062
11CEB341LM	II	Ila	ST121	CC121	Meat	Illumina	Paired end	ERS1375063
06CEB631LM	II	Ila	ST11	CC11	Meat	Illumina	Paired end	ERS1375064
05CEB319LM	II	Ila	ST9	CC9	Veg	Illumina	Paired end	ERS1375065
09CEB653LM	II	Ilc	ST9	CC9	Meat	Illumina	Paired end	ERS1375066
08CEB244LM	II	Ila	ST620	CC420	Diary	Illumina	Paired end	ERS1375067
05CEB746LM	II	Ila	ST121	CC121	FPE	Illumina	Paired end	ERS1375068
11CEB254LM	II	Ila	ST101	CC101	Fish	Illumina	Paired end	ERS1375069
04CEB555LM	I	IVb	ST217	CC217	FPE	Illumina	Paired end	ERS1375070
10CEB63LM	I	IVb	ST2	CC2	Meat	Illumina	Paired end	ERS1375071
BO38	II	Ila	ST31	CC31	FPE	Illumina	Paired end	ERS1375072
08CEB03LM	II	Ila	ST193	CC193	Meat	Illumina	Paired end	ERS1375073
IN6	II	Ila	ST13	CC13	Diary	Illumina	Paired end	ERS1375074
08CEB261LM	II	Ilc	ST9	CC9	FPE	Illumina	Paired end	ERS1375075
08CEB53LM	II	Ila	ST121	CC121	RTE	Illumina	Paired end	ERS1375076
09CEB369LM	I	IVb	ST2	CC2	RTE	Illumina	Paired end	ERS1375077
99EB04LM	II	Ila	ST13	CC13	Diary	Illumina	Paired end	ERS1375078
10CEB339LM	II	Ila	ST121	CC121	RTE	Illumina	Paired end	ERS1375079
07CEB217LM	I	IVb	ST2	CC2	RTE	Illumina	Paired end	ERS1375080
08CEB173LM	II	Ila	ST121	CC121	Meat	Illumina	Paired end	ERS1375081
08CEB398LM	II	Ila	ST121	CC121	Fish	Illumina	Paired end	ERS1375082
03EB279LM	II	Ila	ST19	CC19	Fish	Illumina	Paired end	ERS1375083
06CEB189LM	I	IVb	ST1	CC1	Fish	Illumina	Paired end	ERS1375084
IN15	I	IVb	ST10	CC1	Diary	Illumina	Paired end	ERS1375085
AF143	II	Ila	ST37	CC37	FPE	Illumina	Paired end	ERS1375086
09CEB582LM	II	Ila	ST18	CC18	FPE	Illumina	Paired end	ERS1375087
SO190	II	Ila	ST26	CC26	Diary	Illumina	Paired end	ERS1375088
11CEB365LM	II	Ila	ST121	CC121	RTE	Illumina	Paired end	ERS1375089
AF28	I	IVb	ST1	CC1	Diary	Illumina	Paired end	ERS1375090
11CEB245LM	II	Ila	ST193	CC193	Fish	Illumina	Paired end	ERS1375091
06CEB212LM	I	Ila	ST59	CC59	Diary	Illumina	Paired end	ERS1375092
09CEB30LM	I	IVb	ST6	CC6	Veg	Illumina	Paired end	ERS1375093
08CEB279LM	II	Ila	ST121	CC121	Meat	Illumina	Paired end	ERS1375094
09CEB333LM	II	Ila	ST121	CC121	Meat	Illumina	Paired end	ERS1375095
08CEB44LM	II	Ila	ST121	CC121	RTE	Illumina	Paired end	ERS1375096
09CEB371LM	I	IVb	ST2	CC2	FPE	Illumina	Paired end	ERS1375097
AF40	I	IVb	ST1	CC1	Meat	Illumina	Paired end	ERS1375098
07CEB394LM	I	Iib	ST5	CC5	Diary	Illumina	Paired end	ERS1375099





08CEB109LM	II	Ila	ST121	CC121	Veg	Illumina	Paired end	ERS1375100
08CEB61LM	II	Ila	ST121	CC121	Diary	Illumina	Paired end	ERS1375101
05CEB303LM	II	Ila	ST9	CC9	Diary	Illumina	Paired end	ERS1375102
10CEB344LM	I	Ilb	ST5	CC5	RTE	Illumina	Paired end	ERS1375103
09CEB645LM	I	IVb	ST2	CC2	Meat	Illumina	Paired end	ERS1375104
01EB168LM	II	Ila	ST662	CC193	Fish	Illumina	Paired end	ERS1375105
10CEB631LM	II	Ila	ST121	CC121	Fish	Illumina	Paired end	ERS1375106
09CEB684LM	II	Ila	ST121	CC121	Fish	Illumina	Paired end	ERS1375107
11CEB217LM	II	Ilc	ST9	CC9	Meat	Illumina	Paired end	ERS1375108
03EB425LM	II	Ila	ST775	CC101	Fish	Illumina	Paired end	ERS1375109
11CEB205LM	II	Ila	ST37	CC37	Veg	Illumina	Paired end	ERS1375110
IN7	II	Ila	ST13	CC13	Diary	Illumina	Paired end	ERS1375111
09CEB339LM	I	IVb	ST257	CC2	Food	Illumina	Paired end	ERS1375112
99EB15LM	II	Ilc	ST9	CC9	Diary	Illumina	Paired end	ERS1375113
08CEB286LM	II	Ila	ST20	CC20	Diary	Illumina	Paired end	ERS1375114
03EB411LM	I	Ilb	ST3	CC3	RTE	Illumina	Paired end	ERS1375115
09CEB734LM	II	Ila	ST121	CC121	Meat	Illumina	Paired end	ERS1375116
12CEB902LM	II	Ila	ST121	CC121	FPE	Illumina	Paired end	ERS1375117
13CEB777LM	II	Ila	ST121	CC121	Fish	Illumina	Paired end	ERS1375118
08CEB07LM	II	Ila	ST121	CC121	FPE	Illumina	Paired end	ERS1375119
12CEB857LM	II	Ilc	ST9	CC9	Meat	Illumina	Paired end	ERS1375120
09CEB835LM	II	Ila	ST121	CC121	Meat	Illumina	Paired end	ERS1375121
11CEB350LM	II	Ila	ST31	CC31	RTE	Illumina	Paired end	ERS1375122
09CEB866LM	II	Ilc	ST9	CC9	Meat	Illumina	Paired end	ERS1375123
12CEB903LM	II	Ila	ST121	CC121	FPE	Illumina	Paired end	ERS1375124
06CEB542LM	I	IVb	ST6	CC6	FPE	Illumina	Paired end	ERS1375125
09CEB351LM	II	Ila	ST121	CC121	RTE	Illumina	Paired end	ERS1375126
IN11	I	IVb	ST2	CC2	Food	Illumina	Paired end	ERS1375127
AF32	I	IVb	ST1	CC1	Diary	Illumina	Paired end	ERS1375128
09CEB370LM	I	IVb	ST54	CC54	Veg	Illumina	Paired end	ERS1375129
01EB161LM	II	Ila	ST206	CC14	Fish	Illumina	Paired end	ERS1375130
09CEB379LM	II	Ila	ST121	CC121	FPE	Illumina	Paired end	ERS1375131
09CEB633LM	II	Ilc	ST9	CC9	RTE	Illumina	Paired end	ERS1375132
03EB13LM	II	Ila	ST121	CC121	RTE	Illumina	Paired end	ERS1375133
09CEB864LM	II	Ila	ST121	CC121	Meat	Illumina	Paired end	ERS1375134
09CEB575LM	II	Ila	ST121	CC121	RTE	Illumina	Paired end	ERS1375135
04CEB235LM	II	Ila	ST121	CC121	Fish	Illumina	Paired end	ERS1375136
99EB24LM	II	Ila	ST13	CC13	Diary	Illumina	Paired end	ERS1375137
09CEB924LM	II	Ila	ST121	CC121	Meat	Illumina	Paired end	ERS1375138
10CEB428LM	II	Ila	ST121	CC121	Meat	Illumina	Paired end	ERS1375139
02EB477LM	I	IVb	ST2	CC2	Fish	Illumina	Paired end	ERS1375140
08CEB473LM	II	Ila	ST121	CC121	Meat	Illumina	Paired end	ERS1375141
06CEB377LM	II	Ila	ST121	CC121	FPE	Illumina	Paired end	ERS1375142
09CEB373LM	II	Ila	ST121	CC121	Meat	Illumina	Paired end	ERS1375143
08CEB196LM	II	Ila	ST121	CC121	RTE	Illumina	Paired end	ERS1375144





09CEB09LM	II	IIc	ST9	CC9	Meat	Illumina	Paired end	ERS1375145
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1.2 Strains sequenced in the context of EFSA LISEQ project – Passive and active strains collected by NRLs (Nielsen et al., 2017)

Sector category 2	detailed-description	RL_NUMBER	Accession number
Fish and fishery products	Fish Smoked (Salmon)	RL15000006	SRR7440649
Fish and fishery products	Fish Smoked (Salmon)	RL15000007	SRR7440650
Fish and fishery products	Fish Wild fish Smoked (Herring, kipper)	RL15000008	SRR7440651
Fish and fishery products	Fish Smoked (Salmon)	RL15000009	SRR7440652
Meat and meat products	Mixed sources Deli products - Pate Cooked	RL15000010	SRR7440645
Fish and fishery products	Fish (Salmon)	RL15000011	SRR7440646
Fish and fishery products	Fish (Salmon)	RL15000012	SRR7440647
Milk and milk products	Bovine Soft cheese Not specified	RL15000013	SRR7440648
Fish and fishery products	Fish Smoked (Salmon)	RL15000014	SRR7440654
Fish and fishery products	Fish Wild fish Smoked (Herring, kipper)	RL15000015	SRR7440655
Fish and fishery products	Fish Smoked (Trout)	RL15000016	SRR7441211
Fish and fishery products	Fish Wild fish Smoked (Herring, kipper)	RL15000017	SRR7441210
Fish and fishery products	Fish Wild fish Filet (Herring, kipper)	RL15000018	SRR7441209
Fish and fishery products	Fish Smoked (Salmon)	RL15000019	SRR7441208
Fish and fishery products	Fish Smoked	RL15000020	SRR7441215
Fish and fishery products	Fish Smoked	RL15000021	SRR7441214
Meat and meat products	Mixed sources Deli products - Pate	RL15000022	SRR7441213
Fish and fishery products	Fish Smoked (Salmon)	RL15000023	SRR7441212
Fish and fishery products	Fish Smoked	RL15000024	SRR7441217
Meat and meat products	Unspecified Deli product - Sliced Cooked	RL15000025	SRR7441216
Meat and meat products	Unspecified Deli products - Pate	RL15000026	SRR7440949
Fish and fishery products	Fish Cold smoked	RL15000027	SRR7441027
Meat and meat products	Unspecified Deli product - Other product Other stabilization	RL15000028	SRR7441024
Fish and fishery products	Fish Cold smoked	RL15000029	SRR7441025
Fish and fishery products	Fish Warm smoked	RL15000030	SRR7441022
Fish and fishery products	Fish Cold smoked	RL15000031	SRR7441023
Fish and fishery products	Fish Gravad/slightly salted	RL15000032	SRR7441020
Fish and fishery products	Fish Cold smoked	RL15000033	SRR7441021
Fish and fishery products	Fish Cold smoked	RL15000034	SRR7440922
Fish and fishery products	Fish Cold smoked	RL15000035	SRR7440716
Fish and fishery products	Fish Cold smoked	RL15000036	SRR7440586
Fish and fishery products	Fish Cold smoked	RL15000037	SRR7440585
Fish and fishery products	Fish Gravad/slightly salted	RL15000038	SRR7440588
Fish and fishery products	Fish Cold smoked	RL15000039	SRR7440587
Fish and fishery products	Fish Cold smoked	RL15000040	SRR7440582
Fish and fishery products	Fish Cold smoked	RL15000041	SRR7440581
Fish and fishery products	Fish Cold smoked	RL15000042	SRR7440584
Fish and fishery products	Fish Cold smoked	RL15000043	SRR7440583





Meat and meat products	Swine Deli product - Sliced Cooked	RL15000044	SRR7440578
Fish and fishery products	Fish Smoked	RL15000045	SRR7440577
Fish and fishery products	Fish Gravad/slightly salted	RL15000046	SRR7440824
Fish and fishery products	Fish Smoked	RL15000047	SRR7440825
Fish and fishery products	Fish Wild fish Warm smoked	RL15000048	SRR7440826
Fish and fishery products	Fish Wild fish Cold smoked	RL15000049	SRR7440827
Fish and fishery products	Fish Wild fish Warm smoked	RL15000050	SRR7440828
Fish and fishery products	Fish Wild fish Cold smoked	RL15000051	SRR7440829
Fish and fishery products	Fish Wild fish Warm smoked	RL15000052	SRR7440830
Fish and fishery products	Fish Wild fish Warm smoked	RL15000053	SRR7440831
Fish and fishery products	Fish Wild fish Cold smoked	RL15000054	SRR7440816
Fish and fishery products	Fish Wild fish Warm smoked	RL15000055	SRR7440817
Fish and fishery products	Fish Wild fish Cold smoked	RL15000056	SRR7440910
Fish and fishery products	Fish Farmed fish Cold smoked	RL15000057	SRR7440909
Fish and fishery products	Fish Wild fish Cold smoked	RL15000058	SRR7440908
Fish and fishery products	Fish Farmed fish Cold smoked	RL15000059	SRR7440907
Fish and fishery products	Fish Wild fish Gravad/slightly salted	RL15000060	SRR7440906
Fish and fishery products	Fish Smoked	RL15000061	SRR7440905
Fish and fishery products	Fish Smoked	RL15000062	SRR7440904
Fish and fishery products	Fish Gravad/slightly salted	RL15000063	SRR7440903
Fish and fishery products	Fish Wild fish Smoked	RL15000064	SRR7440918
Fish and fishery products	Fish Warm smoked	RL15000065	SRR7440917
Meat and meat products	Turkeys Deli product - Sliced Cooked	RL15000066	SRR7441114
Fish and fishery products	Fish Smoked	RL15000067	SRR7441115
Fish and fishery products	Fish Smoked	RL15000068	SRR7441112
Fish and fishery products	Fish Smoked	RL15000069	SRR7441113
Fish and fishery products	Fish Smoked	RL15000070	SRR7441118
Fish and fishery products	Fish Cold smoked	RL15000071	SRR7441119
Fish and fishery products	Fish Smoked	RL15000072	SRR7441116
Fish and fishery products	Fish Gravad/slightly salted	RL15000073	SRR7441117
Fish and fishery products	Fish Cold smoked	RL15000074	SRR7441121
Fish and fishery products	Fish Warm smoked	RL15000076	SRR7441122
Fish and fishery products	Fish Cold smoked	RL15000077	SRR7440676
Fish and fishery products	Fish Cold smoked	RL15000078	SRR7440675
Fish and fishery products	Fish Warm smoked	RL15000079	SRR7440678
Fish and fishery products	Fish Smoked	RL15000080	SRR7440677
Meat and meat products	Turkeys Deli product - Sliced Cooked	RL15000081	SRR7440680
Fish and fishery products	Fish Smoked	RL15000082	SRR7440679
Fish and fishery products	Fish Smoked	RL15000083	SRR7440682
Fish and fishery products	Fish Smoked	RL15000084	SRR7440681
Fish and fishery products	Fish Smoked	RL15000085	SRR7440684
Fish and fishery products	Fish Smoked	RL15000086	SRR7440683
Fish and fishery products	Fish Cold smoked	RL15000087	SRR7441125
Fish and fishery products	Fish Cold smoked	RL15000088	SRR7441277
Meat and meat products	Swine Deli product - Sliced Cooked	RL15000089	SRR7441153
Meat and meat products	Mixed sources Deli product - Sliced Cooked	RL15000090	SRR7441154
Fish and fishery products	Fish Cold smoked	RL15000091	SRR7441147
Fish and fishery products	Fish Cold smoked	RL15000092	SRR7441148





Fish and fishery products	Fish Cold smoked	RL15000093	SRR7441149
Fish and fishery products	Fish Smoked	RL15000094	SRR7441150
Fish and fishery products	Fish Smoked	RL15000095	SRR7441242
Milk and milk products	Unspecified Semi soft cheese Made from pasteurized milk	RL15000096	SRR7441248
Fish and fishery products	Fish Smoked	RL15000097	SRR7440710
Fish and fishery products	Fish Warm smoked	RL15000098	SRR7440709
Meat and meat products	Swine Deli product - Sliced Cooked	RL15000099	SRR7440661
Fish and fishery products	Fish Smoked	RL15000100	SRR7440659
Fish and fishery products	Fish Smoked	RL15000101	SRR7440714
Fish and fishery products	Fish Gravad/slightly salted	RL15000102	SRR7440713
Meat and meat products	Gallus gallus (fowl) Deli products - Pate Other stabilization	RL15000103	SRR7440712
Fish and fishery products	Fish Cold smoked	RL15000104	SRR7440711
Fish and fishery products	Fish Smoked	RL15000105	SRR7440642
Fish and fishery products	Fish Smoked	RL15000106	SRR7440640
Fish and fishery products	Fish Cold smoked	RL15000107	SRR7441261
Fish and fishery products	Fish Smoked	RL15000108	SRR7441260
Fish and fishery products	Fish Smoked	RL15000109	SRR7441259
Fish and fishery products	Fish Cold smoked	RL15000110	SRR7441258
Fish and fishery products	Fish Smoked	RL15000111	SRR7441257
Fish and fishery products	Fish Cold smoked	RL15000112	SRR7441256
Fish and fishery products	Fish Warm smoked	RL15000113	SRR7441255
Fish and fishery products	Fish Smoked	RL15000114	SRR7441254
Fish and fishery products	Fish Cold smoked	RL15000115	SRR7441253
Fish and fishery products	Fish Smoked	RL15000116	SRR7441252
Fish and fishery products	Fish Cold smoked	RL15000117	SRR7440699
Fish and fishery products	Fish Cold smoked	RL15000118	SRR7440700
Fish and fishery products	Fish Smoked	RL15000119	SRR7440701
Fish and fishery products	Fish Smoked	RL15000120	SRR7440702
Fish and fishery products	Fish Cold smoked	RL15000121	SRR7440703
Fish and fishery products	Fish Cold smoked	RL15000122	SRR7440704
Fish and fishery products	Fish Cold smoked	RL15000123	SRR7440705
Fish and fishery products	Fish Cold smoked	RL15000124	SRR7440706
Fish and fishery products	Fish Cold smoked	RL15000125	SRR7440707
Fish and fishery products	Fish Cold smoked	RL15000126	SRR7440708
Fish and fishery products	Fish Smoked	RL15000127	SRR7440559
Fish and fishery products	Fish	RL15000128	SRR7440558
Fish and fishery products	Fish	RL15000129	SRR7440561
Fish and fishery products	Fish	RL15000130	SRR7440560
Fish and fishery products	Fish	RL15000131	SRR7440563
Fish and fishery products	Fish	RL15000132	SRR7440562
Fish and fishery products	Fish	RL15000133	SRR7440565
Fish and fishery products	Fish Cold smoked	RL15000134	SRR7440564
Fish and fishery products	Fish Cold smoked	RL15000135	SRR7440551
Fish and fishery products	Fish Cold smoked	RL15000136	SRR7440550
Meat and meat products	Swine Deli product - Sliced Cooked	RL15000137	SRR7441004
Meat and meat products	Swine Deli product - Sliced Cooked	RL15000138	SRR7441005
Meat and meat products	Swine Deli product - Sliced Cooked	RL15000139	SRR7441002
Fish and fishery products	Fish Cold smoked	RL15000140	SRR7441003





Meat and meat products	Swine Deli product - Sliced Cooked	RL15000141	SRR7441008
Fish and fishery products	Fish Cold smoked	RL15000142	SRR7441009
Fish and fishery products	Fish Cold smoked	RL15000143	SRR7441006
Fish and fishery products	Fish Cold smoked	RL15000144	SRR7441007
Fish and fishery products	Fish Smoked	RL15000145	SRR7440996
Fish and fishery products	Fish Cold smoked	RL15000146	SRR7440997
Fish and fishery products	Fish Cold smoked	RL15000147	SRR7440844
Fish and fishery products	Fish Wild fish Gravad/slightly salted	RL15000148	SRR7440843
Fish and fishery products	Fish Filet (Herring, kipper)	RL15000149	SRR7440842
Fish and fishery products	Fish Farmed fish (Salmon)	RL15000150	SRR7440841
Fish and fishery products	Fish Raw (Salmon)	RL15000151	SRR7440848
Fish and fishery products	Fish Wild fish Smoked	RL15000152	SRR7440847
Meat and meat products	Unspecified Deli product - Sliced Cooked	RL15000153	SRR7440846
Fish and fishery products	Fish Wild fish Smoked	RL15000154	SRR7440845
Fish and fishery products	Fish Wild fish Smoked	RL15000155	SRR7440836
Fish and fishery products	Fish Wild fish Smoked	RL15000156	SRR7440835
Fish and fishery products	Fish Wild fish Warm smoked	RL15000157	SRR7440602
Fish and fishery products	Fish Cold smoked	RL15000158	SRR7441204
Meat and meat products	Swine Swine Deli product - Other product Cooked	RL15000159	SRR7440604
Fish and fishery products	Fish Smoked	RL15000160	SRR7440605
Meat and meat products	Gallus gallus (fowl) Fresh meat - Cut Raw	RL15000161	SRR7440598
Fish and fishery products	Fish Wild fish Raw (Herring, kipper)	RL15000162	SRR7440599
Fish and fishery products	Fish Raw (Salmon)	RL15000163	SRR7440600
Fish and fishery products	Fish Raw	RL15000164	SRR7440601
Fish and fishery products	Fish (Salmon)	RL15000165	SRR7440594
Fish and fishery products	Fish Raw (Salmon)	RL15000166	SRR7441200
Fish and fishery products	Fish Raw (Trout)	RL15000167	SRR7441144
Fish and fishery products	Fish Raw (Salmon)	RL15000168	SRR7441143
Fish and fishery products	Fish Raw (Salmon)	RL15000169	SRR7441146
Fish and fishery products	Fish Raw (Salmon)	RL15000170	SRR7441145
Fish and fishery products	Fish Smoked	RL15000171	SRR7441140
Fish and fishery products	Fish Wild fish Cold smoked	RL15000172	SRR7441139
Fish and fishery products	Fish Cold smoked	RL15000173	SRR7441142
Fish and fishery products	Fish Wild fish Warm smoked	RL15000174	SRR7441141
Meat and meat products	Gallus gallus (fowl) Deli product - Other product Other stabilization	RL15000175	SRR7441152
Fish and fishery products	Fish Cold smoked	RL15000176	SRR7441151
Fish and fishery products	Fish Warm smoked	RL15000177	SRR7440936
Meat and meat products	Fish Deli product - Sliced Cooked (Salmon)	RL15000178	SRR7440937
Meat and meat products	Swine Deli product - Sliced Cooked	RL15000179	SRR7440934
Fish and fishery products	Fish Farmed fish Cold smoked	RL15000180	SRR7440935
Fish and fishery products	Fish Warm smoked	RL15000181	SRR7440932
Fish and fishery products	Fish Cold smoked	RL15000182	SRR7440933
Fish and fishery products	Fish Cold smoked	RL15000183	SRR7440930
Fish and fishery products	Fish Cold smoked	RL15000184	SRR7440931
Fish and fishery products	Fish Farmed fish Smoked	RL15000185	SRR7440939
Fish and fishery products	Fish Farmed fish Gravad/slightly salted	RL15000186	SRR7440940
Fish and fishery products	Fish Farmed fish Smoked	RL15000187	SRR7441019
Fish and fishery products	Fish Farmed fish Smoked	RL15000188	SRR7441018





Milk and milk products	Bovine Semi soft cheese Made from pasteurized milk	RL15000189	SRR7441017
Fish and fishery products	Fish Cold smoked	RL15000190	SRR7441016
Fish and fishery products	Fish Gravad/slightly salted	RL15000191	SRR7441015
Fish and fishery products	Fish Warm smoked	RL15000192	SRR7441014
Fish and fishery products	Fish Warm smoked	RL15000193	SRR7441013
Fish and fishery products	Fish Smoked	RL15000194	SRR7441012
Fish and fishery products	Fish Smoked	RL15000195	SRR7440764
Fish and fishery products	Fish Smoked	RL15000196	SRR7441026
Fish and fishery products	Fish Cold smoked	RL15000197	SRR7441283
Meat and meat products	Mixed sources Deli product - Sausage Cooked	RL15000198	SRR7441284
Fish and fishery products	Fish Cold smoked	RL15000199	SRR7441285
Milk and milk products	Bovine Semi soft cheese Made from raw milk	RL15000200	SRR7441286
Fish and fishery products	Fish Smoked	RL15000201	SRR7441287
Meat and meat products	Swine Deli products - Pate Cooked	RL15000202	SRR7441288
Meat and meat products	Swine Deli products - Pate Cooked	RL15000203	SRR7441289
Fish and fishery products	Fish Gravad/slightly salted	RL15000204	SRR7441290
Fish and fishery products	Fish Cold smoked	RL15000205	SRR7441275
Fish and fishery products	Fish Cold smoked	RL15000206	SRR7441276
Fish and fishery products	Fish Gravad/slightly salted	RL15000207	SRR7441036
Fish and fishery products	Fish Cold smoked	RL15000208	SRR7441037
Meat and meat products	Swine Deli product - Other product Cooked	RL15000209	SRR7441034
Fish and fishery products	Fish Cold smoked	RL15000210	SRR7441035
Meat and meat products	Swine Deli product - Sausage Cooked	RL15000211	SRR7441032
Fish and fishery products	Fish Smoked	RL15000212	SRR7441033
Fish and fishery products	Fish Warm smoked	RL15000213	SRR7441030
Fish and fishery products	Fish Cold smoked	RL15000214	SRR7441031
Fish and fishery products	Fish Warm smoked	RL15000215	SRR7441039
Fish and fishery products	Fish Cold smoked	RL15000216	SRR7441040
Fish and fishery products	Fish Warm smoked	RL15000217	SRR7440595
Fish and fishery products	Fish Cold smoked	RL15000218	SRR7440863
Fish and fishery products	Fish Smoked	RL15000219	SRR7440597
Meat and meat products	Swine Deli product - Sausage Cooked	RL15000220	SRR7440596
Meat and meat products	Mixed sources Deli product - Sausage Cooked	RL15000221	SRR7440591
Fish and fishery products	Fish Gravad/slightly salted	RL15000222	SRR7440590
Fish and fishery products	Fish Cold smoked	RL15000223	SRR7440593
Fish and fishery products	Fish Warm smoked	RL15000224	SRR7440592
Fish and fishery products	Fish Warm smoked	RL15000225	SRR7440603
Fish and fishery products	Fish Cold smoked	RL15000226	SRR7441203
Fish and fishery products	Fish Cold smoked	RL15000227	SRR7440751
Fish and fishery products	Fish Cold smoked	RL15000228	SRR7440752
Fish and fishery products	Fish Cold smoked	RL15000229	SRR7440753
Fish and fishery products	Fish Cold smoked	RL15000230	SRR7440754
Fish and fishery products	Fish Warm smoked	RL15000231	SRR7440747
Fish and fishery products	Fish Warm smoked	RL15000232	SRR7440748
Fish and fishery products	Fish Cold smoked	RL15000233	SRR7440749
Meat and meat products	Swine Deli product - Other product Cooked	RL15000234	SRR7440750
Meat and meat products	Swine Deli product - Sausage Cooked	RL15000235	SRR7440744
Fish and fishery products	Fish Smoked	RL15000236	SRR7440745





Fish and fishery products	Fish Cold smoked	RL15000237	SRR7441301
Fish and fishery products	Fish Gravad/slightly salted	RL15000238	SRR7441300
Fish and fishery products	Fish Smoked	RL15000239	SRR7441299
Fish and fishery products	Fish Cold smoked	RL15000240	SRR7441298
Fish and fishery products	Fish Warm smoked	RL15000241	SRR7441305
Meat and meat products	Swine Deli product - Sausage Cooked	RL15000242	SRR7441304
Meat and meat products	Swine Deli product - Sausage Cooked	RL15000243	SRR7441303
Fish and fishery products	Fish Cold smoked	RL15000244	SRR7441302
Fish and fishery products	Fish Farmed fish Gravad/slightly salted	RL15000245	SRR7441297
Fish and fishery products	Fish Farmed fish Gravad/slightly salted	RL15000246	SRR7441296
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000247	SRR7441133
Fish and fishery products	Fish Smoked (process not specify)	RL15000248	SRR7441134
Fish and fishery products	Fish Smoked (process not specify)	RL15000249	SRR7441131
Fish and fishery products	Fish	RL15000250	SRR7441132
Fish and fishery products	Fish Farmed fish Gravad/slightly salted	RL15000251	SRR7441137
Fish and fishery products	Fish Smoked (process not specify)	RL15000252	SRR7441138
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000253	SRR7441135
Fish and fishery products	Fish Smoked (process not specify)	RL15000254	SRR7441136
Fish and fishery products	Fish Smoked (process not specify)	RL15000255	SRR7441126
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000256	SRR7441127
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000257	SRR7440692
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000258	SRR7440691
Fish and fishery products	Fish	RL15000259	SRR7440694
Fish and fishery products	Fish Smoked (process not specify)	RL15000260	SRR7440693
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000261	SRR7440696
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000262	SRR7440695
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000263	SRR7440698
Fish and fishery products	Fish Smoked (process not specify)	RL15000264	SRR7440697
Fish and fishery products	Fish Smoked (process not specify)	RL15000265	SRR7440687
Fish and fishery products	Fish Smoked (process not specify)	RL15000266	SRR7440686
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000267	SRR7440833
Fish and fishery products	Fish Farmed fish Warm smoked	RL15000268	SRR7440834
Fish and fishery products	Fish Farmed fish Gravad/slightly salted	RL15000269	SRR7440606
Fish and fishery products	Fish Farmed fish Gravad/slightly salted	RL15000270	SRR7440607
Milk and milk products	Unspecified Semi soft cheese	RL15000271	SRR7440837
Milk and milk products	Unspecified Semi soft cheese	RL15000272	SRR7440838
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000273	SRR7440839
Fish and fishery products	Fish	RL15000274	SRR7440840
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000275	SRR7440617
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000276	SRR7440618
Fish and fishery products	Fish Farmed fish Gravad/slightly salted	RL15000277	SRR7440929
Fish and fishery products	Fish Wild fish Cold smoked	RL15000278	SRR7440928
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000279	SRR7440927
Fish and fishery products	Fish Farmed fish Cold smoked	RL15000280	SRR7440926
Fish and fishery products	Fish Farmed fish Smoked (process not specify)	RL15000281	SRR7440925
Fish and fishery products	Fish Farmed fish Warm smoked	RL15000282	SRR7440924
Fish and fishery products	Fish	RL15000284	SRR7440923
Fish and fishery products	Fish and fishery products Cold smoked	RL15000286	SRR7440984





Fish and fishery products	Fish and fishery products Cold smoked	RL15000287	SRR7440921
Fish and fishery products	Fish and fishery products Cold smoked	RL15000288	SRR7440920
Fish and fishery products	Fish and fishery products Cold smoked	RL15000289	SRR7440615
Fish and fishery products	Fish Farmed fish Gravad/slightly salted	RL15000290	SRR7440616
Fish and fishery products	Fish Cold smoked	RL15000291	SRR7440613
Fish and fishery products	Fish Cold smoked	RL15000292	SRR7440614
Fish and fishery products	Fish Cold smoked	RL15000293	SRR7440611
Fish and fishery products	Fish Cold smoked	RL15000294	SRR7440612
Fish and fishery products	Fish Gravad/slightly salted	RL15000295	SRR7440609
Fish and fishery products	Fish Warm smoked	RL15000296	SRR7440610
Fish and fishery products	Fish Gravad/slightly salted	RL15000297	SRR7441294
Fish and fishery products	Fish Gravad/slightly salted	RL15000298	SRR7440608
Fish and fishery products	Fish Gravad/slightly salted	RL15000299	SRR7440858
Fish and fishery products	Fish Cold smoked	RL15000300	SRR7440857
Fish and fishery products	Fish Gravad/slightly salted	RL15000301	SRR7440860
Fish and fishery products	Fish Smoked	RL15000302	SRR7440859
Fish and fishery products	Fish Wild fish Raw (Herring, kipper)	RL15000303	SRR7440854
Fish and fishery products	Fish Wild fish Raw (Herring, kipper)	RL15000304	SRR7440853
Meat and meat products	Swine Deli product - Other meat products	RL15000305	SRR7440856
Fish and fishery products	Fish Cold smoked	RL15000329	SRR7440855
Fish and fishery products	Fish Cold smoked	RL15000330	SRR7440850
Fish and fishery products	Fish Warm smoked	RL15000331	SRR7440849
Fish and fishery products	Fish Warm smoked	RL15000332	SRR7440912
Fish and fishery products	Fish Warm smoked	RL15000333	SRR7440911
Fish and fishery products	Fish	RL15000334	SRR7440914
Fish and fishery products	Fish	RL15000335	SRR7440913
Fish and fishery products	Fish	RL15000336	SRR7440916
Fish and fishery products	Fish Farmed fish Gravad/slightly salted	RL15000337	SRR7440915
Fish and fishery products	Fish Wild fish Cold smoked	RL15000338	SRR7440964
Fish and fishery products	Fish Wild fish Cold smoked	RL15000339	SRR7440963
Fish and fishery products	Fish Cold smoked	RL15000340	SRR7440961
Fish and fishery products	Fish Cold smoked	RL15000341	SRR7440960
Meat and meat products	Unspecified	RL15000342	SRR7440535
Meat and meat products	Unspecified	RL15000343	SRR7440537
Meat and meat products	Bovine Meat - Sausage	RL15000344	SRR7440533
Meat and meat products	Bovine Meat - Sausage	RL15000345	SRR7440534
Meat and meat products	Swine Deli product - Ham	RL15000346	SRR7440542
Meat and meat products	Swine Deli product - Ham	RL15000347	SRR7440548
Meat and meat products	Swine Deli product - Ham	RL15000348	SRR7440538
Meat and meat products	Bovine Meat - Minced	RL15000349	SRR7440541
Meat and meat products	Swine Deli product - Ham	RL15000350	SRR7440818
Elaborated food products combining several food categories	Mixed sources Sandwich	RL15000351	SRR7440819
Meat and meat products	Bovine Meat - Minced	RL15000352	SRR7441306
Meat and meat products	Bovine Meat - Minced	RL15000353	SRR7441292
Meat and meat products	Bovine Meat - Sausage	RL15000354	SRR7440766
Meat and meat products	Swine Deli product - Ham Smoked	RL15000355	SRR7440815
Elaborated food products combining several food categories	Mixed sources Sandwich	RL15000356	SRR7440814
Meat and meat products	Gallus gallus (fowl) Meat - Cut Smoked	RL15000357	SRR7440813





Meat and meat products	Unspecified Deli product - Sausage	RL15000358	SRR7440807
Meat and meat products	Bovine Meat - Minced	RL15000359	SRR7440803
Meat and meat products	Gallus gallus (fowl) Meat - Cut	RL15000360	SRR7440580
Milk and milk products	Bovine Semi soft cheese	RL15000394	SRR7441156
Milk and milk products	Bovine Hard cheese	RL15000395	SRR7440861
Milk and milk products	Unspecified Cheese category not specified	RL15000396	SRR7441221
Milk and milk products	Bovine Hard cheese	RL15000397	SRR7441128
Milk and milk products	Bovine Cream	RL15000398	SRR7441330
Milk and milk products	Bovine Soft cheese	RL15000399	SRR7440656
Milk and milk products	Bovine Cream	RL15000400	SRR7440657
Milk and milk products	Bovine Cream	RL15000401	SRR7441092
Milk and milk products	Goat Fresh cheese	RL15000402	SRR7441091
Milk and milk products	Bovine Cheese category not specified	RL15000403	SRR7441090
Milk and milk products	Bovine Cheese category not specified	RL15000404	SRR7441089
Milk and milk products	Bovine Hard cheese	RL15000405	SRR7441096
Milk and milk products	Bovine Semi soft cheese	RL15000406	SRR7441095
Milk and milk products	Bovine Cheese category not specified	RL15000407	SRR7441094
Milk and milk products	Bovine Cheese category not specified	RL15000408	SRR7441093
Milk and milk products	Bovine Cream	RL15000409	SRR7441084
Milk and milk products	Bovine Butter	RL15000410	SRR7441083
Milk and milk products	Bovine Cheese category not specified	RL15000411	SRR7440882
Milk and milk products	Bovine Cheese category not specified	RL15000412	SRR7440883
Milk and milk products	Unspecified Melted cheese	RL15000413	SRR7440884
Milk and milk products	Bovine Soft cheese	RL15000414	SRR7440885
Milk and milk products	Unspecified Cheese category not specified	RL15000415	SRR7440878
Milk and milk products	Bovine Hard cheese	RL15000416	SRR7440879
Milk and milk products	Bovine Semi soft cheese	RL15000417	SRR7441313
Milk and milk products	Bovine Hard cheese	RL15000418	SRR7440881
Milk and milk products	Bovine Cheese category not specified	RL15000419	SRR7441308
Milk and milk products	Bovine Soft cheese	RL15000420	SRR7440875
Milk and milk products	Bovine Hard cheese	RL15000421	SRR7441061
Milk and milk products	Bovine Semi soft cheese	RL15000422	SRR7441060
Milk and milk products	Bovine Semi soft cheese	RL15000423	SRR7441063
Milk and milk products	Bovine Semi soft cheese	RL15000424	SRR7441062
Milk and milk products	Bovine Semi soft cheese	RL15000425	SRR7441065
Milk and milk products	Bovine Semi soft cheese	RL15000426	SRR7441064
Milk and milk products	Bovine Semi soft cheese	RL15000427	SRR7441067
Milk and milk products	Bovine Semi soft cheese	RL15000428	SRR7441066
Milk and milk products	Bovine Semi soft cheese	RL15000429	SRR7441069
Milk and milk products	Bovine Semi soft cheese	RL15000430	SRR7441068
Milk and milk products	Bovine Semi soft cheese	RL15000431	SRR7441326
Milk and milk products	Bovine Semi soft cheese	RL15000432	SRR7441327
Milk and milk products	Bovine Cheese category not specified	RL15000433	SRR7441324
Milk and milk products	Bovine Semi soft cheese	RL15000434	SRR7441325
Milk and milk products	Bovine Semi soft cheese	RL15000435	SRR7441233
Milk and milk products	Bovine Soft cheese	RL15000436	SRR7441331
Milk and milk products	Unspecified Cheese category not specified	RL15000437	SRR7441328
Meat and meat products	Unspecified Meat - Cut Smoked	RL15000438	SRR7441329





Milk and milk products	Sheep Cheese category not specified	RL15000439	SRR7441332
Milk and milk products	Sheep Cheese category not specified	RL15000440	SRR7441333
Milk and milk products	Sheep Cheese category not specified	RL15000441	SRR7441081
Milk and milk products	Sheep Cheese category not specified	RL15000442	SRR7441082
Milk and milk products	Sheep Cheese category not specified	RL15000443	SRR7440742
Milk and milk products	Sheep Cheese category not specified	RL15000444	SRR7440746
Milk and milk products	Unspecified Cheese category not specified	RL15000445	SRR7441085
Milk and milk products	Sheep Cheese category not specified	RL15000446	SRR7441086
Milk and milk products	Sheep Cheese category not specified	RL15000447	SRR7441087
Milk and milk products	Sheep Cheese category not specified	RL15000448	SRR7441088
Milk and milk products	Unspecified Cheese category not specified	RL15000449	SRR7440757
Milk and milk products	Sheep Cheese category not specified	RL15000450	SRR7440759
Milk and milk products	Sheep Cheese category not specified	RL15000451	SRR7440741
Milk and milk products	Unspecified Hard cheese	RL15000452	SRR7440740
Milk and milk products	Sheep Cheese category not specified	RL15000453	SRR7440739
Milk and milk products	Unspecified Cheese category not specified	RL15000454	SRR7440738
Milk and milk products	Sheep Cheese category not specified	RL15000455	SRR7440737
Milk and milk products	Sheep Cheese category not specified	RL15000456	SRR7440736
Milk and milk products	Unspecified Cheese category not specified	RL15000457	SRR7440735
Milk and milk products	Sheep Cheese category not specified	RL15000458	SRR7440734
Milk and milk products	Sheep Cheese category not specified	RL15000459	SRR7440733
Milk and milk products	Unspecified Cheese category not specified	RL15000460	SRR7440732
Meat and meat products	Swine Deli product - Sausage	RL15000461	SRR7441183
Meat and meat products	Unspecified Deli product - Sausage	RL15000462	SRR7441184
Meat and meat products	Swine Deli product - Other product	RL15000463	SRR7441181
Meat and meat products	Swine Deli product - Sausage	RL15000464	SRR7441182
Meat and meat products	Swine Deli product - Other product	RL15000465	SRR7441187
Meat and meat products	Poultry not specified Deli product - Other product	RL15000466	SRR7441188
Meat and meat products	Ducks Deli product - Other product	RL15000467	SRR7441185
Meat and meat products	Ducks Deli product - Other product	RL15000468	SRR7441186
Meat and meat products	Swine Deli product - Other product	RL15000469	SRR7441168
Meat and meat products	Swine Deli product - Other product	RL15000470	SRR7441278
Meat and meat products	Swine Deli product - Other product	RL15000471	SRR7440938
Meat and meat products	Swine Deli product - Other product	RL15000472	SRR7441251
Meat and meat products	Unspecified Deli product - Sausage	RL15000473	SRR7440942
Meat and meat products	Swine Deli product - Other product	RL15000474	SRR7440941
Meat and meat products	Swine Deli product - Other product	RL15000475	SRR7440945
Meat and meat products	Swine Deli product - Other product	RL15000476	SRR7440943
Meat and meat products	Swine Deli product - Other product	RL15000477	SRR7441010
Meat and meat products	Swine Deli product - Other product	RL15000478	SRR7440983
Meat and meat products	Unspecified Deli product - Sausage	RL15000479	SRR7440900
Meat and meat products	Unspecified Deli product - Sausage	RL15000480	SRR7440898
Meat and meat products	Ducks Deli product - Other product	RL15000481	SRR7441295
Meat and meat products	Mixed sources Deli product - Sausage	RL15000482	SRR7440730
Meat and meat products	Swine Deli product - Other product	RL15000483	SRR7440743
Meat and meat products	Swine Deli product - Sausage	RL15000484	SRR7440755
Meat and meat products	Gallus gallus (fowl) Deli products - Pate	RL15000485	SRR7441279
Meat and meat products	Swine Deli product - Other product Sliced	RL15000486	SRR7440644





Meat and meat products	Unspecified Deli product - Sausage	RL15000487	SRR7441291
Meat and meat products	Unspecified Deli products - Pate	RL15000488	SRR7441293
Meat and meat products	Unspecified Deli product - Sausage	RL15000489	SRR7440998
Meat and meat products	Unspecified Deli product - Sausage	RL15000490	SRR7440999
Meat and meat products	Unspecified Meat - Minced Raw	RL15000491	SRR7440690
Meat and meat products	Swine Deli products - Pate	RL15000492	SRR7441070
Meat and meat products	Swine Deli product - Other product	RL15000493	SRR7440685
Meat and meat products	Unspecified Deli product - Sausage	RL15000494	SRR7441048
Meat and meat products	Swine Deli product - Sausage	RL15000495	SRR7441179
Meat and meat products	Unspecified Deli products - Pate	RL15000496	SRR7441157
Meat and meat products	Swine Deli products - Pate	RL15000497	SRR7441130
Meat and meat products	Unspecified Deli products - Pate	RL15000498	SRR7441110
Meat and meat products	Unspecified Deli product - Sausage	RL15000499	SRR7440553
Meat and meat products	Swine Deli product - Other product	RL15000500	SRR7440552
Meat and meat products	Unspecified Deli product - Sausage	RL15000501	SRR7440799
Meat and meat products	Unspecified Deli product - Sausage	RL15000502	SRR7440800
Meat and meat products	Swine Deli product - Other product	RL15000503	SRR7440797
Meat and meat products	Swine Deli product - Sausage	RL15000504	SRR7440798
Meat and meat products	Unspecified Deli product - Sausage	RL15000505	SRR7440795
Meat and meat products	Gallus gallus (fowl) Meat - Cut	RL15000506	SRR7440796
Meat and meat products	Swine Deli product - Ham Sliced	RL15000507	SRR7440793
Meat and meat products	Unspecified Meat - Minced Cooked	RL15000508	SRR7440794
Meat and meat products	Swine Deli product - Ham Smoked	RL15000509	SRR7440801
Meat and meat products	Swine Meat - Minced Smoked	RL15000510	SRR7440802
Meat and meat products	Swine Meat - Other product	RL15000511	SRR7441309
Meat and meat products	Swine Meat - Other product	RL15000512	SRR7440662
Meat and meat products	Sheep Meat - Cut Smoked	RL15000513	SRR7440877
Elaborated food products combining several food categories	Mixed sources Soups	RL15000514	SRR7440876
Meat and meat products	Swine Meat - Other product Cooked	RL15000515	SRR7440871
Meat and meat products	Unspecified Meat - Cut Cooked	RL15000516	SRR7440870
Meat and meat products	Unspecified Meat - Cut Cooked	RL15000517	SRR7440873
Meat and meat products	Unspecified Meat - Cut Cooked	RL15000518	SRR7440872
Meat and meat products	Unspecified Meat - Cut Cooked	RL15000519	SRR7441323
Meat and meat products	Unspecified Meat - Cut	RL15000520	SRR7441319
Meat and meat products	Unspecified Meat - Cut Sliced	RL15000521	SRR7440667
Meat and meat products	Unspecified Meat - Cut	RL15000522	SRR7440668
Meat and meat products	Unspecified Meat - Cut Sliced	RL15000523	SRR7440669
Meat and meat products	Gallus gallus (fowl) Meat - Cut	RL15000524	SRR7440670
Meat and meat products	Gallus gallus (fowl) Meat - Cut	RL15000525	SRR7440671
Meat and meat products	Unspecified Meat - Cut Sliced	RL15000526	SRR7440672
Meat and meat products	Swine Meat - Cut Cooked	RL15000527	SRR7440673
Meat and meat products	Unspecified Deli product - Other product Smoked	RL15000528	SRR7440674
Meat and meat products	Unspecified Deli product - Other product Smoked	RL15000529	SRR7440664
Meat and meat products	Swine Deli product - Ham	RL15000530	SRR7440665
Meat and meat products	Bovine Meat - Cut Cooked	RL15000531	SRR7441232
Meat and meat products	Unspecified Meat - Cut Sliced	RL15000532	SRR7441231
Meat and meat products	Bovine Meat - Cut	RL15000533	SRR7441230
Meat and meat products	Unspecified	RL15000534	SRR7441229





Meat and meat products	Unspecified	RL15000535	SRR7441228
Milk and milk products	Goat Soft cheese Made from pasteurized milk	RL15000658	SRR7440728
Meat and meat products	Turkeys Deli product - Sliced Cooked	RL15000659	SRR7440663
Meat and meat products	Swine Deli product - Ham Smoked	RL15000660	SRR7440717
Meat and meat products	Swine Deli product - Ham Smoked	RL15000661	SRR7440639
Fish and fishery products	Fish Smoked (Salmon)	RL15000662	SRR7440626
Fish and fishery products	Fish Smoked (Trout)	RL15000663	SRR7440619
Meat and meat products	Gallus gallus (fowl) Deli product - Other product	RL15000664	SRR7440852
Fish and fishery products	Fish Smoked (Salmon)	RL15000665	SRR7440851
Fish and fishery products	Fish Smoked (Salmon)	RL15000666	SRR7440957
Meat and meat products	Swine Deli product - Sliced Cooked	RL15000667	SRR7440653
Fish and fishery products	Fish Smoked (Salmon)	RL15000668	SRR7440658
Fish and fishery products	Fish Smoked (Salmon)	RL15000669	SRR7440660
Meat and meat products	Gallus gallus (fowl) Deli product - Sliced Cooked	RL15000670	SRR7440989
Fish and fishery products	Fish Smoked (Salmon)	RL15000671	SRR7440555
Meat and meat products	Gallus gallus (fowl) Deli product - Sliced Cooked	RL15000672	SRR7440556
Meat and meat products	Mixed sources Deli product - Sliced Cooked	RL15000673	SRR7440557
Fish and fishery products	Fish Smoked (Salmon)	RL15000674	SRR7440566
Fish and fishery products	Fish Smoked (Salmon)	RL15000675	SRR7441029
Fish and fishery products	Fish Smoked (Salmon)	RL15000676	SRR7441172
Meat and meat products	Swine Deli product - Sliced Cooked (Salmon)	RL15000677	SRR7441171
Meat and meat products	Swine Deli product - Sliced Cooked	RL15000678	SRR7441174
Meat and meat products	Gallus gallus (fowl) Deli product - Sliced Cooked	RL15000679	SRR7441173
Fish and fishery products	Fish Smoked (Salmon)	RL15000680	SRR7441176
Fish and fishery products	Fish Smoked (Salmon)	RL15000681	SRR7441175
Meat and meat products	Geese Deli product - Sliced Cooked	RL15000682	SRR7441178
Fish and fishery products	Fish Smoked (Trout)	RL15000683	SRR7441177
Fish and fishery products	Fish Smoked	RL15000684	SRR7441169
Fish and fishery products	Fish Smoked (Salmon)	RL15000685	SRR7441310
Meat and meat products	Swine Deli product - Sliced Cooked	RL15000686	SRR7441108
Meat and meat products	Swine Deli product - Sliced Cooked	RL15000687	SRR7441109
Meat and meat products	Swine Deli products - Pate Cooked	RL15000688	SRR7441099
Fish and fishery products	Fish Smoked (Salmon)	RL15000689	SRR7441045
Fish and fishery products	Fish Smoked (Trout)	RL15000690	SRR7441120
Fish and fishery products	Fish Smoked (Trout)	RL15000691	SRR7441124
Fish and fishery products	Fish Smoked	RL15000692	SRR7441111
Fish and fishery products	Fish Gravad/slightly salted (Salmon)	RL15000693	SRR7441307
Fish and fishery products	Fish Smoked (Salmon)	RL15000694	SRR7441071
Meat and meat products	Swine Deli product - Sliced Cooked	RL15000695	SRR7440946
Milk and milk products	Unspecified Hard cheese	RL15000696	SRR7441170
Milk and milk products	Unspecified Cheese category not specified	RL15000697	SRR7441044
Milk and milk products	Unspecified Cheese category not specified	RL15000698	SRR7441038
Milk and milk products	Unspecified Hard cheese	RL15000699	SRR7441189
Milk and milk products	Unspecified Hard cheese	RL15000700	SRR7441282
Meat and meat products	Swine Meat - Cut	RL15000701	SRR7441281
Meat and meat products	Swine Deli product - Sausage	RL15000702	SRR7441280
Meat and meat products	Swine Deli product - Sausage	RL15000703	SRR7441049
Meat and meat products	Swine Meat - Sausage	RL15000704	SRR7441180





Meat and meat products	Gallus gallus (fowl) Meat - Cut Cooked	RL15000705	SRR7441194
Meat and meat products	Swine Deli product - Sausage	RL15000706	SRR7440760
Elaborated food products combining several food categories	Mixed sources Sandwich	RL15000707	SRR7440731
Meat and meat products	Swine Deli product - Sausage	RL15000708	SRR7440762
Elaborated food products combining several food categories	Mixed sources Ready made meal	RL15000709	SRR7440763
Meat and meat products	Ducks Deli product - Ham	RL15000710	SRR7440726
Meat and meat products	Swine Meat - Sausage	RL15000711	SRR7440727
Meat and meat products	Swine Deli product - Sausage	RL15000712	SRR7440620
Meat and meat products	Swine Deli product - Sausage	RL15000713	SRR7440729
Meat and meat products	Swine Deli product - Sausage	RL15000714	SRR7440767
Meat and meat products	Swine Meat - Sausage	RL15000715	SRR7440768
Meat and meat products	Swine Deli product - Sausage	RL15000716	SRR7441336
Meat and meat products	Swine Deli product - Sausage	RL15000717	SRR7441337
Elaborated food products combining several food categories	Mixed sources Ready made meal	RL15000718	SRR7441334
Meat and meat products	Bovine Meat - Cut	RL15000719	SRR7441335
Meat and meat products	Unspecified Meat - Minced	RL15000720	SRR7440866
Meat and meat products	Unspecified Meat - Cut Cooked	RL15000721	SRR7440867
Meat and meat products	Swine Deli product - Sausage	RL15000722	SRR7440864
Meat and meat products	Swine Deli product - Sausage	RL15000723	SRR7440865
Elaborated food products combining several food categories	Mixed sources Ready to eat salad	RL15000724	SRR7440868
Elaborated food products combining several food categories	Mixed sources Ready to eat salad	RL15000725	SRR7440869
Elaborated food products combining several food categories	Mixed sources Ready to eat salad	RL15000726	SRR7441072
Elaborated food products combining several food categories	Mixed sources Ready to eat salad	RL15000727	SRR7440666
Elaborated food products combining several food categories	Mixed sources Ready to eat salad	RL15000728	SRR7441074
Elaborated food products combining several food categories	Mixed sources Ready to eat salad	RL15000729	SRR7441073
Milk and milk products	Unspecified Cheese category not specified	RL15000730	SRR7441076
Fish and fishery products	Fish Smoked (Salmon)	RL15000731	SRR7441075
Milk and milk products	Unspecified Cheese category not specified	RL15000732	SRR7441078
Fish and fishery products	Fish Smoked (Salmon)	RL15000733	SRR7441077
Fish and fishery products	Fish Smoked (Salmon)	RL15000734	SRR7441080
Milk and milk products	Bovine Cream	RL15001282	SRR7441079
Milk and milk products	Unspecified Cheese category not specified	RL15001292	SRR7440635
Meat and meat products	Swine Meat - Cut	RL15001293	SRR7440543
Meat and meat products	Swine Meat - Cut Cooked	RL15001294	SRR7440544
Meat and meat products	Unspecified Meat - Cut	RL15001295	SRR7440545
Meat and meat products	Bovine Meat - Cut	RL15001299	SRR7440549
Meat and meat products	Poultry not specified Deli product - Other product	RL15001300	SRR7440539
Meat and meat products	Swine Deli product - Ham	RL15001301	SRR7440540
Milk and milk products	Unspecified Ice cream	RL15001311	SRR7440792
Milk and milk products	Bovine Semi soft cheese	RL15001312	SRR7440791
Milk and milk products	Bovine Cream	RL15001332	SRR7440986
Milk and milk products	Bovine Hard cheese	RL15001333	SRR7440765
Meat and meat products	Gallus gallus (fowl) Meat - Cut	RL15001334	SRR7440988
Meat and meat products	Swine Deli product - Sausage	RL15001335	SRR7440985
Milk and milk products	Unspecified Milk	RL15001346	SRR7441054
Meat and meat products	Bovine Meat - Cut Sliced	RL15001347	SRR7441055





Meat and meat products	Swine Deli product - Ham	RL15001348	SRR7441056
Meat and meat products	Unspecified Meat - Cut	RL15001349	SRR7441057
Meat and meat products	Bovine Deli product - Other product	RL15001352	SRR7441052
Meat and meat products	Bovine Meat - Cut Sliced	RL15001353	SRR7441053
Milk and milk products	Goat Soft cheese	RL15001383	SRR7440631
Milk and milk products	Bovine Semi soft cheese	RL15001384	SRR7440773
Meat and meat products	Swine Deli product - Ham	RL15001385	SRR7440774
Fruit, vegetables, cereals and herbs	Vegetal Vegetable	RL15001981	SRR7441191
Fruit, vegetables, cereals and herbs	Vegetal Fruit	RL15001982	SRR7441190
Fruit, vegetables, cereals and herbs	Vegetal Vegetable	RL15001984	SRR7441193
Fruit, vegetables, cereals and herbs	Vegetal Vegetable	RL15001985	SRR7441192
Fruit, vegetables, cereals and herbs	Vegetal Fruit	RL15001986	SRR7440962

2. Strains for the environment panel

The strains sequenced before LISTDAPT project were sequenced by IZSAM in the context of GenomTrakr (cf. <https://www.ncbi.nlm.nih.gov/bioproject/PRJNA304956/>) and by Vet Institute in Bern (Dreyer et al. 2016)

2.1 Strains from IZSAM

NUMORI	Country	Year	Sector	Detailed description
CFSAN049184	Italy	2008	Animal feed	Silage
CFSAN049185	Italy	2008	Animal feed	Silage
CFSAN049186	Italy	2008	Animal feed	Silage
CFSAN049198	Italy	2009	Animal feed	Silage
CFSAN049199	Italy	2009	Animal feed	Silage
CFSAN049200	Italy	2009	Animal feed	Silage
CFSAN049202	Italy	2010	Animal feed	Silage
CFSAN049209	Italy	2010	Cattle	Faeces (cattle)
CFSAN049211	Italy	2011	Cattle	Faeces (cattle)
CFSAN049215	Italy	2011	Cattle	Faeces (cattle)
CFSAN049183	Italy	2008	Animal feed	Silage
CFSAN049212	Italy	2011	Animal feed	Feed
CFSAN049213	Italy	2011	Cattle	Faeces (cattle)
CFSAN049214	Italy	2011	Cattle	Faeces (cattle)
CFSAN049218	Italy	2011	Cattle	Faeces (cattle)
CFSAN049220	Italy	2011	Cattle	Faeces (cattle)
CFSAN049223	Italy	2011	Cattle	Faeces (cattle)
CFSAN049224	Italy	2011	Cattle	Faeces (cattle)
CFSAN049225	Italy	2011	Cattle	Faeces (cattle)
CFSAN049226	Italy	2011	Cattle	Faeces (cattle)
CFSAN049182	Italy	2007	Animal feed	Silage



CFSAN046095	Italy	2013	Cattle	Faeces (cattle)
CFSAN049204	Italy	2009	Animal feed	Silage
CFSAN049210	Italy	2010	Cattle	Faeces (cattle)
CFSAN046093	Italy	2012	Animal feed	Silage
CFSAN049203	Italy	2009	Animal feed	Silage

2.2 Strains from Dreyer et al. 2016

Strain name	Sample accession (Dreyer et al., 2016)	Run accession (Dreyer et al., 2016)	Sample accession (current study)	Run accession (current study)	Sequencing machine	Coverage (JF5203) *	Coverage (JF4839) *	Source	Lineage	ST *	CC **	Country
JF4839			ERS1939672 (SAMEA104314694)	ERR2135529	HiSeq 2000	271.4	303.1	Food	II	9	CC 9	Greece
JF4899			ERS1939673 (SAMEA104314695)	ERR2135530	HiSeq 4000	510.0	464.8	Cattle brain	I	1	CC 1	Switzerland
JF4901	ERS1299203	ERR1590247	ERS1939674 (SAMEA104314696)	ERR2135531	HiSeq 2000	67.1	60.3	Cattle brain	I	1	CC 1	Switzerland
JF4902	ERS1299204	ERR1590248	ERS1939675 (SAMEA104314697)	ERR2135532	HiSeq 2000	61.0	54.2	Cattle brain	I	1	CC 1	Switzerland
JF4904	ERS1299205	ERR1590249	ERS1939676 (SAMEA104314698)	ERR2135533	HiSeq 2000	51.2	45.9	Cattle brain	I	1	CC 1	Switzerland
JF4906	ERS1299206	ERR1590250	ERS1939677 (SAMEA104314699)	ERR2135534	HiSeq 2000	71.1	63.9	Cattle brain	I	413	CC 1	Switzerland
JF4907	ERS1299207	ERR1590251	ERS1939678 (SAMEA104314700)	ERR2135535	HiSeq 2000	48.5	44.3	Cattle brain	I	4	CC 4	Switzerland
JF4908	ERS1299208	ERR1590252	ERS1939679 (SAMEA104314701)	ERR2135536	HiSeq 2000	76.0	68.0	Cattle brain	I	1	CC 1	Switzerland
JF4909	ERS1299209	ERR1590253	ERS1939680 (SAMEA104314702)	ERR2135537	HiSeq 4000	496.5	453.7	Cattle brain	I	1	CC 1	Switzerland
JF4913			ERS1939681 (SAMEA104314703)	ERR2135538	HiSeq 4000	452.2	470.7	Cattle brain	II	412	CC 412	Switzerland
JF4914			ERS1939682 (SAMEA104314704)	ERR2135539	HiSeq 4000	470.7	482.4	Goat brain	II	20	CC 20	Switzerland
JF4918			ERS1939683 (SAMEA104314705)	ERR2135540	HiSeq 4000	488.9	447.0	Goat brain	I	1	CC 1	Switzerland
JF4920			ERS1939684 (SAMEA104314706)	ERR2135541	HiSeq 3000	36.3	37.1	Goat brain	II	200	ST 200	Switzerland
JF4927	ERS1299210	ERR1590254	ERS1939685 (SAMEA104314707)	ERR2135542	HiSeq 2000	119.7	107.6	Goat brain	I	1	CC 1	Switzerland
JF4929			ERS1939686 (SAMEA104314708)	ERR2135543	HiSeq 4000	492.9	457.1	Sheep brain	I	4	CC 4	Switzerland
JF4930			ERS1939687 (SAMEA104314709)	ERR2135544	HiSeq 4000	457.2	469.9	Sheep brain	II	206	CC 14	Switzerland
JF4931			ERS1939688 (SAMEA104314710)	ERR2135545	HiSeq 3000	275.1	285.9	Sheep brain	II	415	CC 415	Switzerland
JF4934	ERS1299211	ERR1590255	ERS1939689 (SAMEA104314711)	ERR2135546	HiSeq 4000	480.1	437.6	Sheep brain	I	414	CC 1	Switzerland
JF4935			ERS1939690 (SAMEA104314712)	ERR2135547	HiSeq 2000	280.4	292.5	Sheep brain	II	412	CC 412	Switzerland
JF4936			ERS1939691 (SAMEA104314713)	ERR2135548	HiSeq 3000	300.4	280.0	Sheep brain	I	4	CC 4	Switzerland
JF4939			ERS1939692 (SAMEA104314714)	ERR2135549	HiSeq 2000	41.1	37.0	Sheep brain	I	1	CC 1	Switzerland
JF4941	ERS1324325	ERR1600130	ERS1939693 (SAMEA104314715)	ERR2135550	HiSeq 2000	51.4	53.8	Sheep brain	II	11	CC 11	Switzerland
JF4974	ERS1299212	ERR1590256	ERS1939694 (SAMEA104314716)	ERR2135551	HiSeq 2000	37.8	35.0	Cattle abortion	I	220	CC 220	United Kingdom





JF4975			ERS1939695 (SAMEA104314717)	ERR2135552	HiSeq3000	293.1	271.5	Cattle abortion	I	2	CC2	United Kingdom
JF4976			ERS1939696 (SAMEA104314718)	ERR2135553	HiSeq3000	18.9	19.7	Cattle abortion	II	14	CC14	United Kingdom
JF4978	ERS1299213	ERR1590257	ERS1939697 (SAMEA104314719)	ERR2135554	HiSeq2000	300.5	272.5	Sheep enteritis	I	220	CC220	United Kingdom
JF4981			ERS1939698 (SAMEA104314720)	ERR2135555	HiSeq3000	281.0	289.9	Sheep abortion	II	20	CC20	United Kingdom
JF4982	ERS1324326	ERR1600131	ERS1939699 (SAMEA104314721)	ERR2135556	HiSeq2000	110.3	114.9	Sheep enteritis	II	18	CC18	United Kingdom
JF4987			ERS1939700 (SAMEA104314722)	ERR2135557	HiSeq3000	298.1	278.3	Sheep enteritis	I	20	CC220	United Kingdom
JF4990			ERS1939701 (SAMEA104314723)	ERR2135558	HiSeq4000	487.7	454.3	Sheep abortion	I	20	CC220	United Kingdom
JF4991			ERS1939702 (SAMEA104314724)	ERR2135559	HiSeq3000	51.2	52.5	Sheep abortion	II	403	CC403	United Kingdom
JF5052	ERS1324327	ERR1600132	ERS1939703 (SAMEA104314725)	ERR2135560	HiSeq2000	279.7	291.6	Cattle mastitis	II	412	CC412	Switzerland
JF5159	ERS1299214	ERR1590258	ERS1939704 (SAMEA104314726)	ERR2135561	HiSeq2000	120.2	108.0	Sheep brain	I	1	CC1	Switzerland
JF5164			ERS1939705 (SAMEA104314727)	ERR2135562	HiSeq4000	439.1	451.6	Goat brain	II	11	CC11	Switzerland
JF5171	ERS1324328	ERR1600133	ERS1939706 (SAMEA104314728)	ERR2135563	HiSeq2000	278.7	294.7	Cattle abortion	II	124	CC124	Switzerland
JF5172	ERS1324329	ERR1600134	ERS1939707 (SAMEA104314729)	ERR2135564	HiSeq3000	108.2	112.8	Sheep brain	II	16	CC8	Switzerland
JF5181	ERS1299215	ERR1590259	ERS1939708 (SAMEA104314730)	ERR2135565	HiSeq2000	148.3	133.2	Sheep brain	I	1	CC1	Switzerland
JF5182	ERS1299216	ERR1590260	ERS1939709 (SAMEA104314731)	ERR2135566	HiSeq2000	310.9	275.2	Cattle abortion	I	1	CC1	Switzerland
JF5183	ERS1299217	ERR1590261	ERS1939710 (SAMEA104314732)	ERR2135567	HiSeq4000	515.4	470.8	Cattle brain	I	1	CC1	Switzerland
JF5186			ERS1939711 (SAMEA104314733)	ERR2135568	HiSeq4000	490.9	455.4	Sheep brain	I	54	CC54	Switzerland
JF5191			ERS1939712 (SAMEA104314734)	ERR2135569	HiSeq4000	491.2	447.9	Cattle brain	I	1	CC1	Switzerland
JF5194	ERS1324330	ERR1600135	ERS1939713 (SAMEA104314735)	ERR2135570	HiSeq2000	278.7	290.6	Goat brain	II	412	CC412	Switzerland
JF5196			ERS1939714 (SAMEA104314736)	ERR2135571	HiSeq4000	481.3	446.9	Cattle brain	I	4	CC4	Switzerland
JF5199	ERS1299218	ERR1590262	ERS1939715 (SAMEA104314737)	ERR2135572	HiSeq2000	116.7	104.9	Cattle brain	I	1	CC1	Switzerland
JF5201	ERS1299219	ERR1590263	ERS1939716 (SAMEA104314738)	ERR2135573	HiSeq2000	275.6	243.7	Cattle brain	I	1	CC1	Switzerland
JF5203	ERS1299220	ERR1590264	ERS1939717 (SAMEA104314739)	ERR2135574	HiSeq2000	294.0	254.3	Cattle brain	I	1	CC1	Switzerland
JF5207	ERS1299221	ERR1590265	ERS1939718 (SAMEA104314740)	ERR2135575	HiSeq4000	467.4	425.0	Cattle brain	I	515	CC1	Switzerland
JF5208	ERS1299222	ERR1590266	ERS1939719 (SAMEA104314741)	ERR2135576	HiSeq2000	310.2	274.4	Cattle brain	I	1	CC1	Switzerland
JF5210	ERS1299223	ERR1590267	ERS1939720 (SAMEA104314742)	ERR2135577	HiSeq2000	66.5	59.5	Cattle brain	I	1	CC1	Switzerland
JF5213			ERS1939721 (SAMEA104314743)	ERR2135578	HiSeq4000	443.5	456.3	Goat brain	II	26	CC26	Switzerland
JF5336	ERS1324331	ERR1600136	ERS1939722 (SAMEA104314744)	ERR2135579	HiSeq2000	585.5	620.2	Cattle abortion	II	18	CC18	Switzerland
JF5337			ERS1939723 (SAMEA104314745)	ERR2135580	HiSeq2000	269.2	285.8	Environment	II	8	CC8	Switzerland
JF5519			ERS1939724 (SAMEA104314746)	ERR2135581	HiSeq3000	258.5	240.9	Cattle mastitis	I	4	CC4	Switzerland
JF5541			ERS1939725 (SAMEA104314747)	ERR2135582	HiSeq4000	468.0	482.7	Sheep brain	II	403	CC403	Switzerland





JF5576			ERS1939726 (SAMEA104314748)	ERR2135583	HiSeq 4000	470.2	480.4	Cattle mastitis	II	412	CC 412	Switzerland
JF5577			ERS1939727 (SAMEA104314749)	ERR2135584	HiSeq 3000	284.9	291.2	Goat abortion	II	26	CC 26	Switzerland
JF5588			ERS1939728 (SAMEA104314750)	ERR2135585	HiSeq 3000	58.9	54.1	Environment	I	1146	ST 1146	Switzerland
JF5591			ERS1939729 (SAMEA104314751)	ERR2135586	HiSeq 3000	63.2	56.8	Environment	I	1	CC 1	Switzerland
JF5592			ERS1939730 (SAMEA104314752)	ERR2135587	HiSeq 3000	286.0	280.1	Environment	I	5	CC 5	Switzerland
JF5593			ERS1939731 (SAMEA104314753)	ERR2135588	HiSeq 3000	56.2	56.7	Environment	II	412	CC 412	Switzerland
JF5594			ERS1939732 (SAMEA104314754)	ERR2135589	HiSeq 3000	37.0	34.7	Environment	I	6	CC 6	Switzerland
JF5761	ERS1324336	ERR1600141	ERS1939733 (SAMEA104314755)	ERR2135590	HiSeq 4000	460.3	475.2	Environment	II	37	CC 37	Germany
JF5788	ERS1324343	ERR1600148	ERS1939734 (SAMEA104314756)	ERR2135591	HiSeq 4000	465.9	484.7	Environment	II	29	CC 29	Switzerland
JF5794	ERS1324344	ERR1600149	ERS1939735 (SAMEA104314757)	ERR2135592	HiSeq 4000	472.2	483.3	Environment	II	226	ST 226	Switzerland
JF5809			ERS1939736 (SAMEA104314758)	ERR2135593	HiSeq 4000	459.2	475.1	Environment	II	37	CC 37	Switzerland
JF5810			ERS1939737 (SAMEA104314759)	ERR2135594	HiSeq 3000	47.8	48.9	Environment	II	26	CC 26	Switzerland
JF5822			ERS1939738 (SAMEA104314760)	ERR2135595	HiSeq 3000	284.2	258.8	Cattle brain	I	1	CC 1	United Kingdom
JF5823			ERS1939739 (SAMEA104314761)	ERR2135596	HiSeq 3000	270.6	284.7	Cattle abortion	II	91	CC 14	United Kingdom
JF5824			ERS1939740 (SAMEA104314762)	ERR2135597	HiSeq 3000	282.8	277.9	Cattle abortion	I	59	CC 59	United Kingdom
JF5825			ERS1939741 (SAMEA104314763)	ERR2135598	HiSeq 4000	452.4	470.5	Cattle mastitis	II	20	CC 20	United Kingdom
JF5826			ERS1939742 (SAMEA104314764)	ERR2135599	HiSeq 3000	37.5	39.7	Cattle abortion	II	7	CC 7	United Kingdom
JF5827			ERS1939743 (SAMEA104314765)	ERR2135600	HiSeq 4000	465.3	482.2	Cattle abortion	II	7	CC 7	United Kingdom
JF5828			ERS1939744 (SAMEA104314766)	ERR2135601	HiSeq 3000	284.1	295.8	Cattle abortion	II	37	CC 37	United Kingdom
JF5829			ERS1939745 (SAMEA104314767)	ERR2135602	HiSeq 3000	290.8	282.3	Cattle abortion	I	59	CC 59	United Kingdom
JF5830			ERS1939746 (SAMEA104314768)	ERR2135603	HiSeq 3000	306.1	320.9	Cattle abortion	II	18	CC 18	United Kingdom
JF5831			ERS1939747 (SAMEA104314769)	ERR2135604	HiSeq 3000	281.1	298.9	Cattle abortion	II	7	CC 7	United Kingdom
JF5832			ERS1939748 (SAMEA104314770)	ERR2135605	HiSeq 3000	305.6	318.1	Goat abortion	II	177	CC 177	United Kingdom
JF5833			ERS1939749 (SAMEA104314771)	ERR2135606	HiSeq 3000	340.8	314.4	Goat abortion	I	20	CC 220	United Kingdom
JF5861			ERS1939750 (SAMEA104314772)	ERR2135607	HiSeq 4000	499.8	464.5	Human brain	I	4	CC 4	Switzerland
LMN C047			ERS1939751 (SAMEA104314773)	ERR2135608	HiSeq 3000	54.7	50.3	Cattle brain	I	1	CC 1	Switzerland
LMN C051			ERS1939752 (SAMEA104314774)	ERR2135609	HiSeq 3000	350.2	363.2	Cattle brain	II	412	CC 412	Switzerland
LMN C055	ERS1324332	ERR1600137	ERS1939753 (SAMEA104314775)	ERR2135610	HiSeq 3000	46.2	47.1	Goat brain	II	412	CC 412	Switzerland
LMN C060	ERS1299224	ERR1590268	ERS1939754 (SAMEA104314776)	ERR2135611	HiSeq 3000	178.8	171.4	Sheep brain	I	59	CC 59	Switzerland
LMN C061			ERS1939755 (SAMEA104314777)	ERR2135612	HiSeq 3000	439.3	400.7	Sheep brain	I	1	CC 1	Switzerland





LMN C062			ERS1939756 (SAMEA104314 778)	ERR2135613	HiSeq 3000	63.6	58.3	Cattle brain	I	1	CC 1	Switzerland
LMN C064			ERS1939757 (SAMEA104314 779)	ERR2135614	HiSeq 3000	252.8	235.4	Sheep brain	I	4	CC 4	Switzerland
LMN C065			ERS1939758 (SAMEA104314 780)	ERR2135615	HiSeq 3000	275.6	282.8	Sheep brain	II	206	CC 14	Switzerland
LMN C067			ERS1939759 (SAMEA104314 781)	ERR2135616	HiSeq 3000	197.4	183.7	Sheep brain	I	4	CC 4	Switzerland
LMN C078			ERS1939760 (SAMEA104314 782)	ERR2135617	HiSeq 3000	277.7	287.7	Sheep brain	II	18	CC 18	Switzerland
LMN C079	ERS1299225	ERR1590269	ERS1939761 (SAMEA104314 783)	ERR2135618	HiSeq 3000	528.6	481.2	Goat brain	I	1	CC 1	Switzerland
LMN C080			ERS1939762 (SAMEA104314 784)	ERR2135619	HiSeq 3000	280.7	291.6	Sheep brain	II	21	CC 21	Switzerland
LMN C081	ERS1299226	ERR1590270	ERS1939763 (SAMEA104314 785)	ERR2135620	HiSeq 3000	501.0	456.4	Goat brain	I	1	CC 1	Switzerland
LMN C083			ERS1939764 (SAMEA104314 786)	ERR2135621	HiSeq 3000	279.8	287.8	Sheep brain	II	16	CC 8	Switzerland
LMN C085			ERS1939765 (SAMEA104314 787)	ERR2135622	HiSeq 3000	283.5	288.9	Goat brain	II	4122	CC 41	Switzerland
LMN C086			ERS1939766 (SAMEA104314 788)	ERR2135623	HiSeq 3000	297.5	277.3	Sheep brain	I	4	CC 4	Switzerland
LMN C087			ERS1939767 (SAMEA104314 789)	ERR2135624	HiSeq 3000	278.3	290.7	Sheep brain	II	2044	CC 20	Switzerland
LMN C088	ERS1324333	ERR1600138	ERS1939768 (SAMEA104314 790)	ERR2135625	HiSeq 3000	229.8	237.0	Environment	II	4122	CC 41	Switzerland
LMN C096			ERS1939769 (SAMEA104314 791)	ERR2135626	HiSeq 3000	298.0	279.3	Sheep brain	I	6	CC 6	Switzerland
LMN C097			ERS1939770 (SAMEA104314 792)	ERR2135627	HiSeq 3000	299.9	279.3	Sheep brain	I	4	CC 4	Switzerland
LMN C104			ERS1939771 (SAMEA104314 793)	ERR2135628	HiSeq 3000	362.2	351.7	Environment	I	151	CC 15	Switzerland
LMN C108			ERS1939772 (SAMEA104314 794)	ERR2135629	HiSeq 3000	48.6	47.2	Human brain	I	5	CC 5	Switzerland
LMN C109			ERS1939773 (SAMEA104314 795)	ERR2135630	HiSeq 3000	37.6	36.5	Environment	I	5	CC 5	Switzerland
LMN C112			ERS1939774 (SAMEA104314 796)	ERR2135631	HiSeq 3000	349.9	344.8	Food	I	5	CC 5	Switzerland
LMN C119			ERS1939775 (SAMEA104314 797)	ERR2135632	HiSeq 3000	762.5	739.4	Cattle abortion	I	59	CC 59	United Kingdom
LMN C121			ERS1939776 (SAMEA104314 798)	ERR2135633	HiSeq 3000	826.3	862.0	Goat brain	II	21	CC 21	Switzerland
LMN C142			ERS1939777 (SAMEA104314 799)	ERR2135634	HiSeq 3000	572.1	537.1	Sheep enteritis	I	54	CC 54	United Kingdom
LMN C146			ERS1939778 (SAMEA104314 800)	ERR2135635	HiSeq 3000	55.6	52.2	Sheep abortion	I	220	CC 22	United Kingdom
LMN C148			ERS1939779 (SAMEA104314 801)	ERR2135636	HiSeq 3000	1001.0	1035.2	Cattle abortion	II	8	CC 8	United Kingdom
LMN C150			ERS1939780 (SAMEA104314 802)	ERR2135637	HiSeq 3000	1000.6	1049.2	Sheep abortion	II	18	CC 18	United Kingdom
LMN C152			ERS1939781 (SAMEA104314 803)	ERR2135638	HiSeq 3000	859.3	801.2	Sheep enteritis	I	220	CC 22	United Kingdom
LMN C154			ERS1939782 (SAMEA104314 804)	ERR2135639	HiSeq 3000	828.4	846.4	Sheep brain	II	20	CC 20	United Kingdom
LMN C155			ERS1939783 (SAMEA104314 805)	ERR2135640	HiSeq 3000	878.2	823.2	Sheep abortion	I	6	CC 6	United Kingdom
LMN C156			ERS1939784 (SAMEA104314 806)	ERR2135641	HiSeq 3000	924.1	952.7	Cattle abortion	II	20	CC 20	United Kingdom
LMN C159			ERS1939785 (SAMEA104314 807)	ERR2135642	HiSeq 3000	169.7	176.1	Cattle mastitis	II	29	CC 29	Switzerland





LMN C160			ERS1939786 (SAMEA104314 808)	ERR2135643	HiSeq 3000	163.0	151.8	Sheep abortion	I	219	CC 4	Switzerland
LMN C162			ERS1939787 (SAMEA104314 809)	ERR2135644	HiSeq 3000	291.1	271.1	Sheep septemia	I	146	ST 11	Switzerland
LMN C167			ERS1939788 (SAMEA104314 810)	ERR2135645	HiSeq 3000	299.7	279.3	Sheep brain	I	4	CC 4	Switzerland
LMN C168			ERS1939789 (SAMEA104314 811)	ERR2135646	HiSeq 3000	102.4	95.6	Sheep brain	I	4	CC 4	Switzerland
LMN C169			ERS1939790 (SAMEA104314 812)	ERR2135647	HiSeq 3000	301.2	276.1	Goat brain	I	1	CC 1	Switzerland
LMN C236	ERS1324302	ERR1600107	ERS1939791 (SAMEA104314 813)	ERR2135648	MiSeq	104.0	107.5	Environment	II	37	CC 37	Switzerland
LMN C239			ERS1939792 (SAMEA104314 814)	ERR2135649	MiSeq	54.6	56.4	Environment	II	37	CC 37	Switzerland
LMN C241	ERS1324303	ERR1600108	ERS1939793 (SAMEA104314 815)	ERR2135650	MiSeq	61.7	63.7	Environment	II	37	CC 37	Switzerland
LMN C244	ERS1324304	ERR1600109	ERS1939794 (SAMEA104314 816)	ERR2135651	MiSeq	73.8	75.9	Environment	II	39	CC 14	Switzerland
LMN C247	ERS1324305	ERR1600110	ERS1939795 (SAMEA104314 817)	ERR2135652	MiSeq	57.1	58.7	Environment	II	39	CC 14	Switzerland
LMN C250	ERS1324334	ERR1600139	ERS1939796 (SAMEA104314 818)	ERR2135653	HiSeq 3000	82.5	84.3	Environment	II	1159	CC 41	Switzerland
LMN C253	ERS1324306	ERR1600111	ERS1939797 (SAMEA104314 819)	ERR2135654	MiSeq	54.8	56.6	Environment	II	39	CC 14	Switzerland
LMN C255			ERS1939798 (SAMEA104314 820)	ERR2135655	MiSeq	97.9	101.2	Environment	II	37	CC 37	Switzerland
LMN C257	ERS1324307	ERR1600112	ERS1939799 (SAMEA104314 821)	ERR2135656	MiSeq	84.8	87.3	Environment	II	39	CC 14	Switzerland
LMN C259			ERS1939800 (SAMEA104314 822)	ERR2135657	MiSeq	50.2	52.2	Environment	II	39	CC 14	Switzerland
LMN C264	ERS1324308	ERR1600113	ERS1939801 (SAMEA104314 823)	ERR2135658	MiSeq	55.1	57.7	Environment	II	37	CC 37	Switzerland
LMN C265	ERS1299194	ERR1590238	ERS1939802 (SAMEA104314 824)	ERR2135659	MiSeq	62.5	56.9	Environment	I	4	CC 4	Switzerland
LMN C266	ERS1324309	ERR1600114	ERS1939803 (SAMEA104314 825)	ERR2135660	MiSeq	63.2	66.6	Environment	II	37	CC 37	Switzerland
LMN C269	ERS1324310	ERR1600115	ERS1939804 (SAMEA104314 826)	ERR2135661	MiSeq	95.1	100.5	Environment	II	7	CC 7	Switzerland
LMN C270	ERS1324311	ERR1600116	ERS1939805 (SAMEA104314 827)	ERR2135662	MiSeq	114.2	118.1	Environment	II	29	CC 29	Switzerland
LMN C271	ERS1299195	ERR1590239	ERS1939806 (SAMEA104314 828)	ERR2135663	MiSeq	76.0	70.2	Sheep brain	I	4	CC 4	Switzerland
LMN C273	ERS1324312	ERR1600117	ERS1939807 (SAMEA104314 829)	ERR2135664	MiSeq	80.6	84.5	Goat brain	II	34	CC 41	Switzerland
LMN C274	ERS1299197	ERR1590241	ERS1939808 (SAMEA104314 830)	ERR2135665	MiSeq	89.0	82.8	Environment	I	4	CC 4	Switzerland
LMN C275			ERS1939809 (SAMEA104314 831)	ERR2135666	HiSeq 3000	448.5	415.9	Environment	I	4	CC 4	Switzerland
LMN C277	ERS1299227	ERR1590271	ERS1939810 (SAMEA104314 832)	ERR2135667	HiSeq 3000	133.7	131.5	Environment	I	59	CC 59	Switzerland
LMN C278	ERS1299228	ERR1590272	ERS1939811 (SAMEA104314 833)	ERR2135668	HiSeq 3000	234.8	220.8	Environment	I	6	CC 6	Switzerland
LMN C281	ERS1299229	ERR1590273	ERS1939812 (SAMEA104314 834)	ERR2135669	HiSeq 3000	160.8	149.5	Environment	I	4	CC 4	Switzerland
LMN C283	ERS1324313	ERR1600118	ERS1939813 (SAMEA104314 835)	ERR2135670	MiSeq	80.9	83.9	Environment	II	36	ST 36	Italy
LMN C284	ERS1299198	ERR1590242	ERS1939814 (SAMEA104314 836)	ERR2135671	MiSeq	85.4	80.5	Environment	I	63	ST 66	Italy
LMN C287	ERS1324314	ERR1600119	ERS1939815 (SAMEA104314 837)	ERR2135672	MiSeq	75.3	77.2	Environment	II	41	CC 45	Switzerland





LMN C288	ERS1324315	ERR1600120	ERS1939816 (SAMEA104314 838)	ERR2135673	MiSeq	82.9	85.7	Environment	II	451	CC 451	Switzerland
LMN C297	ERS1324316	ERR1600121	ERS1939817 (SAMEA104314 839)	ERR2135674	MiSeq	61.3	62.7	Environment	II	394	CC 415	Switzerland
LMN C300			ERS1939818 (SAMEA104314 840)	ERR2135675	MiSeq	80.6	75.0	Environment	I	4	CC 4	Switzerland
LMN C301	ERS1324317	ERR1600122	ERS1939819 (SAMEA104314 841)	ERR2135676	MiSeq	113.2	117.3	Environment	II	18	CC 18	Switzerland
LMN C302	ERS1299199	ERR1590243	ERS1939820 (SAMEA104314 842)	ERR2135677	MiSeq	121.8	113.1	Environment	I	1	CC 1	Switzerland
LMN C303	ERS1299200	ERR1590244	ERS1939821 (SAMEA104314 843)	ERR2135678	MiSeq	135.6	127.0	Environment	I	4	CC 4	Switzerland
LMN C304			ERS1939822 (SAMEA104314 844)	ERR2135679	MiSeq	121.5	113.1	Environment	I	1	CC 1	Switzerland
LMN C305			ERS1939823 (SAMEA104314 845)	ERR2135680	MiSeq	114.7	107.4	Environment	I	1	CC 1	Switzerland
LMN C306			ERS1939824 (SAMEA104314 846)	ERR2135681	MiSeq	62.2	58.4	Environment	I	4	CC 4	Switzerland
LMN C307	ERS1324318	ERR1600123	ERS1939825 (SAMEA104314 847)	ERR2135682	MiSeq	110.1	113.1	Environment	II	11	CC 11	Switzerland
LMN C309			ERS1939826 (SAMEA104314 848)	ERR2135683	MiSeq	85.4	87.9	Environment	II	11	CC 11	Switzerland
LMN C314	ERS1324319	ERR1600124	ERS1939827 (SAMEA104314 849)	ERR2135684	MiSeq	159.5	166.3	Environment	II	18	CC 18	Switzerland
LMN C316	ERS1299201	ERR1590245	ERS1939828 (SAMEA104314 850)	ERR2135685	MiSeq	110.9	104.3	Environment	I	4	CC 4	Switzerland
LMN C317	ERS1324320	ERR1600125	ERS1939829 (SAMEA104314 851)	ERR2135686	MiSeq	96.4	98.7	Environment	II	37	CC 37	Switzerland
LMN C318	ERS1324346	ERR1600151	ERS1939830 (SAMEA104314 852)	ERR2135687	MiSeq	-	-	Environment	III	70	CC 70	Germany
LMN C319	ERS1324321	ERR1600126	ERS1939831 (SAMEA104314 853)	ERR2135688	MiSeq	101.3	103.7	Environment	II	6	CC 8	Germany
LMN C320	ERS1299202	ERR1590246	ERS1939832 (SAMEA104314 854)	ERR2135689	MiSeq	73.2	68.3	Environment	I	1	CC 1	Germany
LMN C321			ERS1939833 (SAMEA104314 855)	ERR2135690	MiSeq	73.9	75.5	Environment	II	6	CC 8	Germany
LMN C322			ERS1939834 (SAMEA104314 856)	ERR2135691	MiSeq	71.7	73.5	Environment	II	6	CC 8	Germany
LMN C323	ERS1324322	ERR1600127	ERS1939835 (SAMEA104314 857)	ERR2135692	MiSeq	104.9	106.7	Environment	II	200	ST 200	Germany
LMN C325	ERS1324323	ERR1600128	ERS1939836 (SAMEA104314 858)	ERR2135693	MiSeq	96.4	98.8	Environment	II	204	CC 204	Germany
LMN C327	ERS1324324	ERR1600129	ERS1939837 (SAMEA104314 859)	ERR2135694	MiSeq	106.2	108.6	Environment	II	6	CC 8	Germany
LMN C328	ERS1299230	ERR1590274	ERS1939838 (SAMEA104314 860)	ERR2135695	HiSeq 3000	101.9	92.8	Environment	I	1	CC 1	Switzerland
LMN C329			ERS1939839 (SAMEA104314 861)	ERR2135696	HiSeq 3000	279.0	252.8	Environment	I	1	CC 1	Switzerland
LMN C331	ERS1299231	ERR1590275	ERS1939840 (SAMEA104314 862)	ERR2135697	HiSeq 3000	330.8	300.1	Environment	I	1	CC 1	Switzerland
LMN C332	ERS1324335	ERR1600140	ERS1939841 (SAMEA104314 863)	ERR2135698	HiSeq 3000	156.4	161.1	Environment	II	451	CC 451	Switzerland
LMN C333			ERS1939842 (SAMEA104314 864)	ERR2135699	HiSeq 3000	277.6	286.2	Environment	II	451	CC 451	Switzerland
LMN C336	ERS1299232	ERR1590276	ERS1939843 (SAMEA104314 865)	ERR2135700	HiSeq 3000	324.7	300.8	Environment	I	4	CC 4	Switzerland
LMN C337	ERS1299233	ERR1590277	ERS1939844 (SAMEA104314 866)	ERR2135701	HiSeq 3000	383.2	355.1	Environment	I	4	CC 4	Switzerland
LMN C339	ERS1324337	ERR1600142	ERS1939845 (SAMEA104314 867)	ERR2135702	HiSeq 3000	278.4	285.7	Environment	II	226	ST 226	Switzerland
LMN C340	ERS1324338	ERR1600143	ERS1939846 (SAMEA104314 868)	ERR2135703	HiSeq 3000	121.3	124.7	Environment	II	399	CC 14	Switzerland





LMN C344			ERS1939847 (SAMEA104314 869)	ERR2135704	HiSeq 3000	257.0	264.6	Environ ment	II	3 9 9	CC 14	Switzer land
LMN C347			ERS1939848 (SAMEA104314 870)	ERR2135705	HiSeq 3000	260.0	267.5	Environ ment	II	3 9 9	CC 14	Switzer land
LMN C351	ERS1324339	ERR1600144	ERS1939849 (SAMEA104314 871)	ERR2135706	HiSeq 3000	258.4	267.3	Environ ment	II	1 1	CC 11	Switzer land
LMN C354	ERS1324340	ERR1600145	ERS1939850 (SAMEA104314 872)	ERR2135707	HiSeq 3000	54.0	55.8	Environ ment	II	2 9	CC 29	Switzer land
LMN C356			ERS1939851 (SAMEA104314 873)	ERR2135708	HiSeq 3000	98.5	101.9	Environ ment	II	2 9	CC 29	Switzer land
LMN C357	ERS1299234	ERR1590278	ERS1939852 (SAMEA104314 874)	ERR2135709	HiSeq 3000	85.4	77.6	Environ ment	I	1	CC 1	Switzer land
LMN C358	ERS1299235	ERR1590279	ERS1939853 (SAMEA104314 875)	ERR2135710	HiSeq 3000	703.0	657.3	Environ ment	I	6	CC 6	Switzer land
LMN C359	ERS1324341	ERR1600146	ERS1939854 (SAMEA104314 876)	ERR2135711	HiSeq 3000	173.9	177.5	Environ ment	II	4 5 1	CC 45 1	Switzer land
LMN C361	ERS1324342	ERR1600147	ERS1939855 (SAMEA104314 877)	ERR2135712	HiSeq 3000	1396.9	1446.3	Environ ment	II	4 1 2	CC 41 2	Switzer land
LMN C368			ERS1939856 (SAMEA104314 878)	ERR2135713	HiSeq 3000	272.8	282.5	Environ ment	II	4 1 2	CC 41 2	Switzer land
LMN C369			ERS1939857 (SAMEA104314 879)	ERR2135714	HiSeq 3000	273.0	282.6	Environ ment	II	4 1 2	CC 41 2	Switzer land
LMN C374			ERS1939858 (SAMEA104314 880)	ERR2135715	HiSeq 3000	78.1	80.0	Environ ment	II	2 2 6	ST 22 6	Switzer land
LMN C378	ERS1299236	ERR1590280	ERS1939859 (SAMEA104314 881)	ERR2135716	HiSeq 3000	197.2	179.5	Goat brain	I	1	CC 1	Switzer land
LMN C379	ERS1324345	ERR1600150	ERS1939860 (SAMEA104314 882)	ERR2135717	HiSeq 3000	89.4	92.0	Goat brain	II	1 1 5 6	CC 37	Switzer land
LMN C380	ERS1299237	ERR1590281	ERS1939861 (SAMEA104314 883)	ERR2135718	HiSeq 3000	500.1	454.5	Goat brain	I	1	CC 1	Switzer land
LMN C381	ERS1299238	ERR1590282	ERS1939862 (SAMEA104314 884)	ERR2135719	HiSeq 3000	63.9	58.4	Goat brain	I	1	CC 1	Switzer land
LMN C382	ERS1299239	ERR1590283	ERS1939863 (SAMEA104314 885)	ERR2135720	HiSeq 3000	211.0	192.6	Sheep brain	I	1	CC 1	Switzer land
LMN C383	ERS1299240	ERR1590284	ERS1939864 (SAMEA104314 886)	ERR2135721	HiSeq 3000	217.9	203.1	Sheep brain	I	4	CC 4	Switzer land
LMN C384	ERS1299241	ERR1590285	ERS1939865 (SAMEA104314 887)	ERR2135722	HiSeq 3000	472.1	438.6	Sheep brain	I	4	CC 4	Switzer land
LMN C409			ERS1939866 (SAMEA104314 888)	ERR2135723	HiSeq 3000	45.3	41.7	Cattle brain	I	1 1 6 3	CC 1	Switzer land
LMN C410			ERS1939867 (SAMEA104314 889)	ERR2135724	HiSeq 3000	206.6	212.4	Cattle brain	II	3 6	ST 36	Switzer land
LMN C411			ERS1939868 (SAMEA104314 890)	ERR2135725	HiSeq 4000	494.0	450.7	Cattle brain	I	1	CC 1	Switzer land
LMN C412			ERS1939869 (SAMEA104314 891)	ERR2135726	HiSeq 4000	453.3	471.7	Cattle brain	II	9 1	CC 14	Switzer land
LMN C413			ERS1939870 (SAMEA104314 892)	ERR2135727	HiSeq 3000	301.2	276.4	Cattle brain	I	1	CC 1	Switzer land
LMN C414			ERS1939871 (SAMEA104314 893)	ERR2135728	HiSeq 3000	304.7	278.0	Cattle brain	I	1	CC 1	Switzer land
LMN C415			ERS1939872 (SAMEA104314 894)	ERR2135729	HiSeq 4000	452.1	472.2	Cattle brain	II	2 0	CC 20	Switzer land
LMN C416			ERS1939873 (SAMEA104314 895)	ERR2135730	HiSeq 3000	301.6	276.2	Cattle brain	I	1 1 6 3	CC 1	Switzer land
LMN C418			ERS1939874 (SAMEA104314 896)	ERR2135731	HiSeq 4000	500.2	456.2	Cattle brain	I	1 0	CC 1	Switzer land
LMN C419			ERS1939875 (SAMEA104314 897)	ERR2135732	HiSeq 3000	128.8	117.3	Cattle brain	I	1	CC 1	Switzer land
LMN C420			ERS1939876 (SAMEA104314 898)	ERR2135733	HiSeq 4000	487.8	452.4	Cattle brain	I	4	CC 4	Switzer land





LMN C421			ERS1939877 (SAMEA104314 899)	ERR2135734	HiSeq 3000	296.5	271.7	Cattle brain	I	1	CC 1	Switzerland
LMN C422			ERS1939878 (SAMEA104314 900)	ERR2135735	HiSeq 4000	469.7	479.9	Cattle brain	II	4 1 2	CC 41 2	Switzerland
LMN C423			ERS1939879 (SAMEA104314 901)	ERR2135736	HiSeq 4000	499.2	455.8	Cattle brain	I	1	CC 1	Switzerland
LMN C424			ERS1939880 (SAMEA104314 902)	ERR2135737	HiSeq 3000	296.0	271.2	Cattle brain	I	1	CC 1	Switzerland
LMN C425			ERS1939881 (SAMEA104314 903)	ERR2135738	HiSeq 3000	295.6	270.9	Cattle brain	I	1	CC 1	Switzerland
LMN C426			ERS1939882 (SAMEA104314 904)	ERR2135739	HiSeq 3000	280.5	276.6	Cattle brain	I	5 9	CC 59	Switzerland
LMN C427			ERS1939883 (SAMEA104314 905)	ERR2135740	HiSeq 3000	46.3	42.8	Cattle brain	I	1	CC 1	Switzerland
LMN C428			ERS1939884 (SAMEA104314 906)	ERR2135741	HiSeq 3000	300.4	274.9	Goat brain	I	1	CC 1	Switzerland
LMN C429			ERS1939885 (SAMEA104314 907)	ERR2135742	HiSeq 3000	297.7	272.9	Goat brain	I	1	CC 1	Switzerland
LMN C431			ERS1939886 (SAMEA104314 908)	ERR2135743	HiSeq 3000	275.1	284.5	Goat brain	II	2 0	CC 20	Switzerland
LMN C432			ERS1939887 (SAMEA104314 909)	ERR2135744	HiSeq 3000	299.0	274.1	Goat brain	I	1	CC 1	Switzerland
LMN C433			ERS1939888 (SAMEA104314 910)	ERR2135745	HiSeq 3000	299.6	278.9	Goat brain	I	4	CC 4	Switzerland
LMN C434			ERS1939889 (SAMEA104314 911)	ERR2135746	HiSeq 3000	225.2	206.6	Goat brain	I	1	CC 1	Switzerland
LMN C436			ERS1939890 (SAMEA104314 912)	ERR2135747	HiSeq 3000	305.3	278.8	Sheep brain	I	1	CC 1	Switzerland
LMN C445			ERS1939891 (SAMEA104314 913)	ERR2135748	HiSeq 3000	297.0	271.9	Sheep brain	I	1	CC 1	Switzerland
LMN C446			ERS1939892 (SAMEA104314 914)	ERR2135749	HiSeq 3000	306.1	279.7	Sheep brain	I	1	CC 1	Switzerland
LMN C447			ERS1939893 (SAMEA104314 915)	ERR2135750	HiSeq 3000	306.1	279.9	Sheep brain	I	1	CC 1	Switzerland
LMN C448			ERS1939894 (SAMEA104314 916)	ERR2135751	HiSeq 3000	305.0	279.0	Sheep brain	I	1	CC 1	Switzerland
LMN C476			ERS1939895 (SAMEA104314 917)	ERR2135752	HiSeq 3000	917.7	966.7	Cattle abortion	II	1 0 1	CC 10 1	Switzerland
LMN C477			ERS1939896 (SAMEA104314 918)	ERR2135753	HiSeq 3000	66.6	67.8	Sheep brain	II	4 1 2	CC 41 2	Switzerland
LMN C542			ERS1939897 (SAMEA104314 919)	ERR2135754	HiSeq 3000	76.8	71.5	Sheep brain	I	4	CC 4	Switzerland