EURL CPS
European Union Reference Laboratory for Coagulase Positive Staphylococci

European Union Reference Laboratory
Foodborne Viruses

EURL Salmonella

EURL Lm
European Union Reference Laboratory for
Listeria monocytogenes
http://eurl-listeria.anses.fr

EURL
Campylobacter

Foreword

The WG has been established by the European Commission with the aim to promote the use of NGS across the EURLs' networks, build NGS capacity within the EU and ensure liaison with the work of the EURLs and the work of EFSA and ECDC on the NGS mandate sent by the Commission. The WG includes all the EURLs operating in the field of the microbiological contamination of food and feed and this document represents a deliverable of the WG and is meant to be diffused to all the respective networks of NRLs.

Reference WGS collection

Inter-EURLs Working Group on NGS (NEXT GENERATION SEQUENCING)

In the framework of the activities of the Inter-EURLs working group on Next Generation Sequencing, a reference genomes' collection useful for the validation and benchmarking of bioinformatics was compiled. The sequences of interest among those listed can be requested from the EURLs of the pathogen of interest.

Escherichia coli reference genomes collection

The following table lists available sequences of the same six strains produced by the participants in the framework of a proficiency test organized by the EURL-*E. coli*, including Verotoxigenic *E. coli* (VTEC). The report of the related PT is available at the following link:
https://www.iss.it/documents/20126/1049000/Report_PT_WGS1_Rev2.pdf/
The sequencing data are available upon request at the email address crl.vtec@iss.it, by mentioning the strains' numbers and IDs of interest.

Strain	ID	Serogroup	H-type	ST	*eae*	*ehxA*	*stx1*	*stx2*	stx subtype	NGS platform	Assembly coverage	N50	depth
1	A	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.15	91679	28.06214
1	B	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.17	84439	13.57329
1	C	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.16	43142	8.521667
1	D	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.16	91520	51.20571
1	E	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.17	92611	86.97886
1	F	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.15	82645	17.71686
1	G	O26	H11	21	+	+	+	-	*stx1a*	IonTorrent	1.08	58054	23.56871
1	H	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.15	82810	109.3317
1	I	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.17	55367	33.10757
1	J	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.17	50561	23.60229
1	K	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.17	89635	46.43471
1	L	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.17	94683	30.74929
1	M	O26	H11	21	+	+	+	-	*stx1a*	IonTorrent	1.10	58338	33.50629
1	N	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.17	92650	14.42786
1	O	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.15	30705	19.43543
1	P	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.15	72343	55.59029
1	Q	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.16	91379	167.6369
1	R	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.17	91615	42.95614

1	S	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.17	92709	19.284
1	T	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.16	79514	18.63814
1	U	O26	H11	21	+	+	+	-	*stx1a*	IonTorrent	1.12	71991	54.08871
1	V	O26	H11	21	+	+	+	-	*stx1a*	IonTorrent	1.09	49919	25.91386
1	W	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.17	91770	18.87557
1	X	O26	H11	21	+	+	+	-	*stx1a*	Illumina	1.14	68781	20.86786
2	A	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	114675	25.67757
2	B	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	121401	16.99414
2	C	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	118349	25.473
2	D	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	121401	43.94957
2	E	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	122213	80.81757
2	F	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.06	76387	13.02957
2	G	O26	H11	21	+	-	+	-	*stx1a*	IonTorrent	1.02	100574	26.93814
2	H	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.07	103289	100.2951
2	I	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	92629	29.65771
2	J	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	58318	35.64971
2	K	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	122400	26.94314
2	L	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	122769	20.611
2	M	O26	H11	21	+	-	+	-	*stx1a*	IonTorrent	1.04	69202	37.64643
2	N	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	122252	13.13343
2	O	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.07	75423	21.703
2	P	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.07	104184	72.79429
2	Q	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.07	116987	309.4636
2	R	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	122187	31.346
2	S	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	122636	48.86929
2	T	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	123102	20.72229
2	U	O26	H11	21	+	-	+	-	*stx1a*	IonTorrent	1.04	81687	44.17257
2	V	O26	H11	21	+	-	+	-	*stx1a*	IonTorrent	1.04	117921	62.28386
2	W	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.08	118271	18.88986
2	X	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.06	88565	22.73829

3	A	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.17	79631	18.79143
3	B	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.18	92368	48.75429
3	C	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.17	93423	18.88486
3	D	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.17	93423	41.66643
3	E	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.17	93423	46.77514
3	F	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.14	28524	10.61429
3	G	O26	H11	21	+	+	-	+	*stx2a*	IonTorrent	1.08	69760	27.91
3	H	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.15	53651	106.3189
3	I	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.17	47368	26.49871
3	J	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.17	58645	28.34371
3	K	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.17	92466	31.84514
3	L	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.18	92466	36.99614
3	M	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.17	96813	11.15543
3	N	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.15	55027	29.88757
3	O	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.15	89212	123.7761
3	P	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.16	92048	237.21
3	Q	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.17	99455	21.34986
3	R	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.17	92466	31.86071
3	S	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.17	92368	20.63871
3	T	O26	H11	21	+	+	-	+	*stx2a*	IonTorrent	1.11	89024	92.25129
3	U	O26	H11	21	+	+	-	+	*stx2a*	IonTorrent	1.09	54670	28.31857
3	V	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.18	92368	29.93871
3	W	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.14	72684	35.07757
4	A	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.12	80253	22.20243
4	B	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.12	110938	17.39786
4	C	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.10	21604	7.621286
4	D	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.11	112224	53.03929
4	E	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.11	114182	58.98
4	F	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.10	81005	21.06929
4	G	O26	H11	21	+	-	+	-	*stx1a*	IonTorrent	1.05	73882	34.77857

4	H	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.10	96307	105.5896
4	I	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.12	91120	31.86457
4	J	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.11	102168	17.98186
4	K	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.11	91130	13.41186
4	L	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.11	112282	19.96357
4	M	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.10	79954	35.52214
4	N	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.10	80667	76.67586
4	O	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.11	92065	304.9563
4	P	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.10	110879	10.33557
4	Q	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.12	112528	35.26971
4	R	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.11	84063	25.16414
4	S	O26	H11	21	+	-	+	-	*stx1a*	IonTorrent	1.07	108046	68.32171
4	T	O26	H11	21	+	-	+	-	*stx1a*	IonTorrent	1.05	109736	31.48271
4	U	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.12	103367	12.08771
4	V	O26	H11	21	+	-	+	-	*stx1a*	Illumina	1.09	78970	31.19457
5	A	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.08	61731	16.28271
5	B	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.09	101313	16.09814
5	C	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.06	10624	6.641167
5	D	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.09	118270	68.24486
5	E	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.09	118270	53.862
5	F	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.07	77526	14.85014
5	G	O26	H11	21	+	+	-	+	*stx2a*	IonTorrent	1.03	100569	34.68529
5	H	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.07	74483	181.2753
5	I	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.08	58994	23.99214
5	J	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.09	92306	50.47143
5	K	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.09	101388	49.108
5	L	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.09	123355	25.05714
5	M	O26	H11	21	+	+	-	+	*stx2a*	IonTorrent	1.05	91932	39.43971
5	N	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.09	118368	18.67114
5	O	O26	H11	21	+	+	-	+	*stx2a*	Illumina	1.07	60400	35.34243

5	P	O26	H11	21	+	+	-	+	stx2a	Illumina	1.07	101628	80.63657
5	Q	O26	H11	21	+	+	-	+	stx2a	Illumina	1.08	104247	114.0907
5	R	O26	H11	21	+	+	-	+	stx2a	Illumina	1.09	118368	30.57029
5	S	O26	H11	21	+	+	-	+	stx2a	Illumina	1.09	123355	33.54957
5	T	O26	H11	21	+	+	-	+	stx2a	Illumina	1.09	104449	28.10414
5	U	O26	H11	21	+	+	-	+	stx2a	IonTorrent	1.04	92019	69.209
5	V	O26	H11	21	+	+	-	+	stx2a	IonTorrent	1.03	62628	25.96886
5	W	O26	H11	21	+	+	-	+	stx2a	Illumina	1.09	101313	24.89671
5	X	O26	H11	21	+	+	-	+	stx2a	Illumina	1.06	73368	25.58643
6	A	O26	H11	21	+	+	-	+	stx2a	Illumina	1.12	114280	13.52786
6	B	O26	H11	21	+	+	-	+	stx2a	Illumina	1.12	118270	14.46786
6	C	O26	H11	21	+	+	-	+	stx2a	Illumina	1.12	122892	37.50257
6	D	O26	H11	21	+	+	-	+	stx2a	Illumina	1.12	122544	53.01286
6	E	O26	H11	21	+	+	-	+	stx2a	Illumina	1.12	122185	34.96157
6	F	O26	H11	21	+	+	-	+	stx2a	Illumina	1.11	91313	17.69171
6	G	O26	H11	21	+	+	-	+	stx2a	IonTorrent	1.05	82171	24.91343
6	H	O26	H11	21	+	+	-	+	stx2a	Illumina	1.11	95008	70.86086
6	I	O26	H11	21	+	+	-	+	stx2a	Illumina	1.13	118368	47.997
6	J	O26	H11	21	+	+	-	+	stx2a	Illumina	1.12	59642	34.31557
6	K	O26	H11	21	+	+	-	+	stx2a	Illumina	1.13	126520	60.24057
6	L	O26	H11	21	+	+	-	+	stx2a	IonTorrent	1.07	79744	33.00671
6	M	O26	H11	21	+	+	-	+	stx2a	Illumina	1.12	123072	19.25186
6	N	O26	H11	21	+	+	-	+	stx2a	Illumina	1.10	43407	15.45357
6	O	O26	H11	21	+	+	-	+	stx2a	Illumina	1.10	96937	29.22771
6	P	O26	H11	21	+	+	-	+	stx2a	Illumina	1.11	104247	111.6361
6	Q	O26	H11	21	+	+	-	+	stx2a	Illumina	1.12	122412	23.917
6	R	O26	H11	21	+	+	-	+	stx2a	Illumina	1.13	118368	41.853
6	S	O26	H11	21	+	+	-	+	stx2a	Illumina	1.12	60101	20.87414
6	T	O26	H11	21	+	+	-	+	stx2a	IonTorrent	1.07	92057	48.76471
6	U	O26	H11	21	+	+	-	+	stx2a	IonTorrent	1.05	35885	17.69514

| 6 | V | O26 | H11 | 21 | + | + | - | + | *stx2a* | Illumina | 1.13 | 104449 | 33.177 |
| 6 | W | O26 | H11 | 21 | + | + | - | + | *stx2a* | Illumina | 1.10 | 59557 | 27.68686 |

Salmonella enterica reference genomes collection

The following table lists available sequences of the same six strains produced by the participants in the framework of a proficiency test organized by the EURL-*Salmonella*. The report of the related PT is available at the following link: https://www.eurlsalmonella.eu/documenten/interim-summary-report-eurl-salmonella-pt-cluster-analysis-2019.

The sequencing data are available upon request at the email address EURLSalmonella@rivm.nl, by mentioning the strains' numbers and IDs of interest.

Strain	ID	Salmonella serovar	Antigenic formula	ST	MLVA	NGS platform	Read length	Genome size (Mb)	N50	Coverage
11	A	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×150	4.9	174625	231.2
11	B	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×150	4.9	224019	203.6
11	C	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×250	5.0	270591	125.5
11	D	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×250	5.0	270591	61.5
11	F	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×150	5.0	239147	276.2
11	G	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×150	5.0	239146	96.9
11	H	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×150	4.9	224022	108.8
11	I	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×300	5.0	270591	120.1
11	J	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×300	5.0	204653	60.3
11	K	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×300	5.0	96518	52.7
11	L	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×250	5.0	74173	75.0
11	M	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×300	5.0	270591	118.3
11	N	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×150	4.9	239915	346.3
12	A	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×150	5.0	180265	247.1
12	B	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×150	5.0	180265	172.2
12	C	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×250	5.0	225812	115.8
12	D	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×250	5.0	225812	69.3
12	E	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×100	5.0	176922	90.6
12	F	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×150	5.0	176966	291.2
12	G	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×150	5.0	204553	25.7
12	H	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×150	5.0	172347	127.0

12	I	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×300	5.0	223065	98.6
12	J	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×300	5.0	204653	84.1
12	K	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×300	5.0	172402	109.5
12	L	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×250	5.0	99845	69.2
12	M	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×300	5.0	225812	65.3
12	N	Typhimurium	4,5,12:i:1,2	19	3-16-17-18-311	Illumina	2×150	5.0	176966	427.6
13	A	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×150	5.0	239140	276.2
13	B	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×150	5.0	239140	152.3
13	C	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×250	5.0	316036	142.4
13	D	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×250	5.0	316075	93.4
13	E	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×100	5.0	239250	73.3
13	F	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×150	5.1	267192	361.5
13	G	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×150	5.0	267192	43.2
13	H	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×150	5.0	257302	139.7
13	I	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×300	5.0	282875	89.1
13	J	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×300	5.0	282782	84.8
13	K	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×300	5.0	270591	140.9
13	L	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×250	5.0	69192	75.9
13	M	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×300	5.1	270591	82.2
13	N	Typhimurium, monophasic variant	4,5,12:i:-	34	3-11-9-NA-211	Illumina	2×150	5.0	239317	310.7
14	A	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×150	4.9	213830	224.3
14	B	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×150	4.9	375603	164.5
14	C	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×250	4.9	376819	156.1
14	D	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×250	4.9	376816	70.4
14	E	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×100	4.9	223167	80.2
14	F	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×150	4.9	292828	407.6
14	G	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×150	4.9	213830	73.0
14	H	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×150	4.9	222779	112.5
14	I	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×300	4.9	293146	51.6
14	J	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×300	4.9	222879	63.0

14	K	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×300	4.9	222879	113.5
14	L	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×250	4.9	45529	60.9
14	M	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×300	4.9	293146	70.0
14	N	Typhimurium	4,5,12:i:1,2	19	5-9-14-9-211	Illumina	2×150	4.9	247375	344.0
15	A	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×150	5.0	180265	284.5
15	B	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×150	5.0	335994	103.3
15	C	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×250	5.0	223055	164.4
15	D	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×250	5.0	225812	67.6
15	E	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×100	5.0	178321	92.8
15	F	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×150	5.0	176966	320.7
15	G	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×150	5.0	176966	82.0
15	H	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×150	5.0	178212	136.5
15	I	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×300	5.0	223055	104.4
15	J	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×300	5.0	225812	148.2
15	K	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×300	5.0	185794	102.3
15	L	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×250	5.0	77937	50.5
15	M	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×300	5.0	225812	93.9
15	N	Typhimurium	4,5,12:i:1,2	19	3-14-17-25-311	Illumina	2×150	5.0	178448	337.8
16	A	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×150	5.0	279925	183.7
16	B	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×150	5.0	239141	169.9
16	C	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×250	5.0	270584	137.6
16	D	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×250	5.0	270584	60.3
16	E	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×100	5.0	239253	97.4
16	F	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×150	5.0	267185	199.7
16	G	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×150	5.0	271050	80.1
16	H	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×150	5.0	301387	154.4
16	I	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×300	5.0	270584	115.6
16	J	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×300	5.0	270584	135.8
16	K	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×300	5.0	270584	109.9
16	L	Typhimurium, monophasic variant	4,5,12:i:-	34	3-13-9-NA-211	Illumina	2×250	5.0	40450	40.9

| 16 | M | Typhimurium, monophasic variant | 4,5,12:i:- | 34 | 3-13-9-NA-211 | Illumina | 2×300 | 5.0 | 282867 | 68.5 |
| 16 | N | Typhimurium, monophasic variant | 4,5,12:i:- | 34 | 3-13-9-NA-211 | Illumina | 2×150 | 5.0 | 271050 | 185.8 |

Campylobacter reference genomes collection

The following table lists available sequences of two strains produced by the EURL-*Campylobacter* as reference sequences used in the framework of a proficiency test. The report of the related PT will become available in the spring of 2021 at the following link: https://www.sva.se/en/about-us/eurl-campylobacter/proficiency-tests/.

The sequencing data are available upon request at the email address listed on the EURL-*Campylobacter* website, by mentioning the strains' numbers and IDs of interest.

Strain	ID	*Campylobacter* species	DNA/culture	ST	AMR	NGS platform	Read length	Genome size (Mb)	N50	Coverage
1	A	*C. jejuni*	DNA	464	*tet*(O) and *gyrA* (p.T86I)	Illumina	2x150	1.74	176818	76
1	A	*C. jejuni*	culture	464	*tet*(O) and *gyrA* (p.T86I)	Illumina	2x150	1.74	175276	66
1	B	*C. jejuni*	DNA	464	*tet*(O) and *gyrA* (p.T86I)	Illumina	2x150	1.80	154617	80
1	B	*C. jejuni*	culture	464	*tet*(O) and *gyrA* (p.T86I)	Illumina	2x150	1.78	174979	55
1	C	*C. jejuni*	DNA	464	*tet*(O) and *gyrA* (p.T86I)	Illumina	2x250	1.75	108454	53
1	D	*C. jejuni*	DNA	464	*tet*(O) and *gyrA* (p.T86I)	Illumina	2x150	1.74	154573	369
1	D	*C. jejuni*	culture	464	*tet*(O) and *gyrA* (p.T86I)	Illumina	2x150	1.74	154893	176
1	E	*C. jejuni*	DNA	464	*tet*(O) and *gyrA* (p.T86I)	Illumina	2x300	1.75	176918	310
1	E	*C. jejuni*	culture	464	*tet*(O) and *gyrA* (p.T86I)	Illumina	2x300	1.75	154717	261
1	F	*C. jejuni*	DNA	464	*tet*(O) and *gyrA* (p.T86I)	Illumina	2x300	1.73	29113	63
1	F	*C. jejuni*	culture	464	*tet*(O) and *gyrA* (p.T86I)	Illumina	2x300	1.74	24460	51
2	A	*C. coli*	DNA	4709	$bla_{OXA-193}$	Illumina	2x150	1.79	203746	74
2	A	*C. coli*	culture	4709	$bla_{OXA-193}$	Illumina	2x150	1.79	203746	76
2	B	*C. coli*	DNA	4709	$bla_{OXA-193}$	Illumina	2x150	1.84	203691	85
2	B	*C. coli*	culture	4709	$bla_{OXA-193}$	Illumina	2x150	1.84	203691	81
2	C	*C. coli*	DNA	4709	$bla_{OXA-193}$	Illumina	2x250	1.78	98801	45
2	D	*C. coli*	DNA	4709	$bla_{OXA-193}$	Illumina	2x150	1.79	203647	347
2	D	*C. coli*	culture	4709	$bla_{OXA-193}$	Illumina	2x150	1.79	203647	307

2	E	*C. coli*	DNA	4709	$bla_{OXA-193}$	Illumina	2x300	1.80	203846	264
2	E	*C. coli*	culture	4709	$bla_{OXA-193}$	Illumina	2x300	1.80	203846	305
2	F	*C. coli*	DNA	4709	$bla_{OXA-193}$	Illumina	2x300	1.76	16506	45
2	F	*C. coli*	culture	4709	$bla_{OXA-193}$	Illumina	2x300	1.78	62457	72