

MicroB© Bacteria

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Organism scientific name	Replicon	Number of CDSs
Acaryochloris marina MBIC11017	Chromosome	6254
Acaryochloris marina MBIC11017	Plasmid pREB1	382
Acaryochloris marina MBIC11017	Plasmid pREB2	408
Acaryochloris marina MBIC11017	Plasmid pREB3	362
Acaryochloris marina MBIC11017	Plasmid pREB4	273
Acaryochloris marina MBIC11017	Plasmid pREB5	222
Acaryochloris marina MBIC11017	Plasmid pREB6	188
Acaryochloris marina MBIC11017	Plasmid pREB7	173
Acaryochloris marina MBIC11017	Plasmid pREB8	117
Acaryochloris marina MBIC11017	Plasmid pREB9	4
Acetobacter pasteurianus IFO 3283-01	Chromosome	2628
Acetobacter pasteurianus IFO 3283-01	Plasmid pAPA01-011	178
Acetobacter pasteurianus IFO 3283-01	Plasmid pAPA01-020	174
Acetobacter pasteurianus IFO 3283-01	Plasmid pAPA01-030	63
Acetobacter pasteurianus IFO 3283-01	Plasmid pAPA01-040	3
Acetobacter pasteurianus IFO 3283-01	Plasmid pAPA01-050	2
Acetobacter pasteurianus IFO 3283-01	Plasmid pAPA01-060	2
Acholeplasma laidlawii PG-8A	Chromosome	1380
Acidimicrobium ferrooxidans DSM 10331	Chromosome	1964
Acidiphilium cryptum JF-5	Chromosome	3063
Acidiphilium cryptum JF-5	Plasmid pACRY01	169
Acidiphilium cryptum JF-5	Plasmid pACRY02	169

Acidiphilium cryptum JF-5	Plasmid	pACRY03	77
Acidiphilium cryptum JF-5	Plasmid	pACRY04	32
Acidiphilium cryptum JF-5	Plasmid	pACRY05	28
Acidiphilium cryptum JF-5	Plasmid	pACRY06	9
Acidiphilium cryptum JF-5	Plasmid	pACRY07	5
Acidiphilium cryptum JF-5	Plasmid	pACRY08	5
Acidithiobacillus ferrooxidans ATCC 23270	Chromosome		3147
Acidithiobacillus ferrooxidans ATCC 53993	Chromosome		2826
Acidobacterium capsulatum ATCC 51196	Chromosome		3382
Acidothermus cellulolyticus 11B	Chromosome		2157
Acidovorax citrulli AAC00-1	Chromosome		4709
Acidovorax ebreus TPSY	Chromosome		3479
Acidovorax sp. JS42	Chromosome		4007
Acidovorax sp. JS42	Plasmid	pAOVO01	84
Acidovorax sp. JS42	Plasmid	pAOVO02	64
Acinetobacter baumannii	Chromosome		3651
Acinetobacter baumannii	Plasmid	p1ABAYE	7
Acinetobacter baumannii	Plasmid	p2ABAYE	11
Acinetobacter baumannii	Plasmid	p3ABAYE	105
Acinetobacter baumannii	Plasmid	p4ABAYE	5
Acinetobacter baumannii AB0057	Chromosome		3790
Acinetobacter baumannii AB0057	Plasmid	pAB0057	11
Acinetobacter baumannii AB307-0294	Chromosome		3458
Acinetobacter baumannii ACICU	Chromosome		3667
Acinetobacter baumannii ACICU	Plasmid	pACICU1	28
Acinetobacter baumannii ACICU	Plasmid	pACICU2	64
Acinetobacter baumannii ATCC 17978	Chromosome		3787
Acinetobacter baumannii ATCC 17978	Plasmid	pAB1	11
Acinetobacter baumannii ATCC 17978	Plasmid	pAB2	5
Acinetobacter baumannii SDF	Chromosome		3505
Acinetobacter baumannii SDF	Plasmid	p1ABSDF	8
Acinetobacter baumannii SDF	Plasmid	p2ABSDF	32
Acinetobacter baumannii SDF	Plasmid	p3ABSDF	26
Acinetobacter sp. ADP1	Chromosome		3280
Actinobacillus pleuropneumoniae L20	Chromosome		2012
Actinobacillus pleuropneumoniae serovar 3 str. JL03	Chromosome		2036
Actinobacillus pleuropneumoniae serovar 7 str. AP76	Chromosome		2131
Actinobacillus pleuropneumoniae serovar 7 str. AP76	Plasmid	ABB7_B	4

Actinobacillus pleuropneumoniae serovar 7 str. AP76	Plasmid	APP7_A	5
Actinobacillus pleuropneumoniae serovar 7 str. AP76	Plasmid	APP7_C	2
Actinobacillus succinogenes 130Z	Chromosome		2079
Actinosynnema mirum DSM 43827	Chromosome		6916
Aeromonas hydrophila subsp. hydrophila ATCC 7966	Chromosome		4122
Aeromonas salmonicida subsp. salmonicida A449	Chromosome		4086
Aeromonas salmonicida subsp. salmonicida A449	Plasmid	pA449-4	173
Aeromonas salmonicida subsp. salmonicida A449	Plasmid	pA449-5	154
Aggregatibacter actinomycetemcomitans D11S-1	Chromosome		2134
Aggregatibacter aphrophilus NJ8700	Chromosome		2231
Agrobacterium radiobacter K84	Chromosome	1	3744
Agrobacterium radiobacter K84	Chromosome	2	2363
Agrobacterium radiobacter K84	Plasmid	pAgK84	35
Agrobacterium radiobacter K84	Plasmid	pAtK84b	176
Agrobacterium radiobacter K84	Plasmid	pAtK84c	366
Agrobacterium tumefaciens str. C58	Chromosome	circular	2766
Agrobacterium tumefaciens str. C58	Chromosome	linear	1851
Agrobacterium tumefaciens str. C58	Plasmid	AT	542
Agrobacterium tumefaciens str. C58	Plasmid	Ti	197
Agrobacterium vitis S4	Chromosome	1	3234
Agrobacterium vitis S4	Chromosome	2	1054
Agrobacterium vitis S4	Plasmid	pAtS4a	82
Agrobacterium vitis S4	Plasmid	pAtS4b	107
Agrobacterium vitis S4	Plasmid	pAtS4c	178
Agrobacterium vitis S4	Plasmid	pAtS4e	529
Agrobacterium vitis S4	Plasmid	pTiS4	205
Akkermansia muciniphila ATCC BAA-835	Chromosome		2138
Alcanivorax borkumensis SK2	Chromosome		2755
Alicyclobacillus acidocaldarius subsp. acidocaldarius DSM 446	Chromosome		2888
Alicyclobacillus acidocaldarius subsp. acidocaldarius DSM 446	Plasmid	pAACI01	98
Alicyclobacillus acidocaldarius subsp. acidocaldarius DSM 446	Plasmid	pAACI02	92
Alicyclobacillus acidocaldarius subsp. acidocaldarius DSM 446	Plasmid	pAACI03	6
Aliivibrio salmonicida LFI1238	Chromosome	1	3026

<i>Aliivibrio salmonicida</i> LFI1238	Chromosome	2	1090
<i>Aliivibrio salmonicida</i> LFI1238	Plasmid	pVSAL320	32
<i>Aliivibrio salmonicida</i> LFI1238	Plasmid	pVSAL43	3
<i>Aliivibrio salmonicida</i> LFI1238	Plasmid	pVSAL54	3
<i>Aliivibrio salmonicida</i> LFI1238	Plasmid	pVSAL840	72
<i>Alkalilimnicola ehrlichii</i> MLHE-1	Chromosome		2865
<i>Alkaliphilus metalliredigens</i> QYMF	Chromosome		4625
<i>Alkaliphilus oremlandii</i> OhILAs	Chromosome		2836
<i>Alteromonas macleodii</i> 'Deep ecotype'	Chromosome		4072
<i>Ammonifex degensii</i> KC4	Chromosome		2052
<i>Anabaena variabilis</i> ATCC 29413	Chromosome		5041
<i>Anabaena variabilis</i> ATCC 29413	Plasmid	element	49
<i>Anabaena variabilis</i> ATCC 29413	Plasmid	pAnaA	344
<i>Anabaena variabilis</i> ATCC 29413	Plasmid	pAnaB	31
<i>Anabaena variabilis</i> ATCC 29413	Plasmid	pAnaC	243
<i>Anaerocellum thermophilum</i> DSM 6725	Chromosome		2654
<i>Anaerocellum thermophilum</i> DSM 6725	Plasmid	pATHE01	8
<i>Anaerocellum thermophilum</i> DSM 6725	Plasmid	pATHE02	4
<i>Anaerococcus prevotii</i> DSM 20548	Chromosome		1702
<i>Anaerococcus prevotii</i> DSM 20548	Plasmid	pAPRE01	104
<i>Anaeromyxobacter dehalogenans</i> 2CP-1	Chromosome		4473
<i>Anaeromyxobacter dehalogenans</i> 2CP-C	Chromosome		4346
<i>Anaeromyxobacter</i> sp. Fw109-5	Chromosome		4466
<i>Anaeromyxobacter</i> sp. K	Chromosome		4457
<i>Anaplasma centrale</i> str. Israel	Chromosome		925
<i>Anaplasma marginale</i> str. Florida	Chromosome		942
<i>Anaplasma marginale</i> str. St. Maries	Chromosome		949
<i>Anaplasma phagocytophilum</i> HZ	Chromosome		1264
<i>Anoxybacillus flavithermus</i> WK1	Chromosome		2832
<i>Aquifex aeolicus</i> VF5	Chromosome		1525
<i>Aquifex aeolicus</i> VF5	Plasmid	ece1	31
<i>Arcobacter butzleri</i> RM4018	Chromosome		2259
<i>Aromatoleum aromaticum</i> EbN1	Chromosome		4127
<i>Aromatoleum aromaticum</i> EbN1	Plasmid	pAzo1	274
<i>Aromatoleum aromaticum</i> EbN1	Plasmid	pAzo2	196
<i>Arthrobacter aurescens</i> TC1	Chromosome		4041
<i>Arthrobacter aurescens</i> TC1	Plasmid	pTC1	292

Arthrobacter aurescens TC1	Plasmid	pTC2	254
Arthrobacter chlorophenolicus A6	Chromosome		3885
Arthrobacter chlorophenolicus A6	Plasmid	pACHL01	554
Arthrobacter chlorophenolicus A6	Plasmid	pACHL02	151
Arthrobacter sp. FB24	Chromosome		4146
Arthrobacter sp. FB24	Plasmid	FB24-1	158
Arthrobacter sp. FB24	Plasmid	FB24-2	108
Arthrobacter sp. FB24	Plasmid	FB24-3	94
Aster yellows witches'-broom phytoplasma AYWB	Chromosome		671
Aster yellows witches'-broom phytoplasma AYWB	Plasmid	pAYWB-I	5
Aster yellows witches'-broom phytoplasma AYWB	Plasmid	pAYWB-II	4
Aster yellows witches'-broom phytoplasma AYWB	Plasmid	pAYWB-III	7
Aster yellows witches'-broom phytoplasma AYWB	Plasmid	pAYWB-IV	6
Atopobium parvulum DSM 20469	Chromosome		1353
Azoarcus sp. BH72	Chromosome		3989
Azorhizobium caulinodans ORS 571	Chromosome		4717
Azotobacter vinelandii DJ	Chromosome		5051
Bacillus amyloliquefaciens FZB42	Chromosome		3693
Bacillus anthracis str. A0248	Chromosome		5040
Bacillus anthracis str. A0248	Plasmid	pX01	162
Bacillus anthracis str. A0248	Plasmid	pX02	89
Bacillus anthracis str. Ames	Chromosome		5331
Bacillus anthracis str. 'Ames Ancestor'	Chromosome		5211
Bacillus anthracis str. 'Ames Ancestor'	Plasmid	pX01	178
Bacillus anthracis str. 'Ames Ancestor'	Plasmid	pX02	101
Bacillus anthracis str. CDC 684	Chromosome		5573
Bacillus anthracis str. CDC 684	Plasmid	pX01	206
Bacillus anthracis str. CDC 684	Plasmid	pX02	117
Bacillus anthracis str. Sterne	Chromosome		5289
Bacillus cereus 03BB102	Chromosome		5398
Bacillus cereus 03BB102	Plasmid	p03BB102_179	208
Bacillus cereus AH187	Chromosome		5424
Bacillus cereus AH187	Plasmid	pAH187_12	22
Bacillus cereus AH187	Plasmid	pAH187_270	273
Bacillus cereus AH187	Plasmid	pAH187_3	5
Bacillus cereus AH187	Plasmid	pAH187_45	59
Bacillus cereus AH820	Chromosome		5474
Bacillus cereus AH820	Plasmid	pAH820_10	11
Bacillus cereus AH820	Plasmid	pAH820_272	320
Bacillus cereus AH820	Plasmid	pAH820_3	5

Bacillus cereus ATCC 10987	Chromosome		5600
Bacillus cereus ATCC 10987	Plasmid	pBc10987	241
Bacillus cereus ATCC 14579	Chromosome		5236
Bacillus cereus ATCC 14579	Plasmid	pBClin15	21
Bacillus cereus B4264	Chromosome		5398
Bacillus cereus E33L	Chromosome		5134
Bacillus cereus E33L	Plasmid	pE33L466	430
Bacillus cereus E33L	Plasmid	pE33L5	5
Bacillus cereus E33L	Plasmid	pE33L54	54
Bacillus cereus E33L	Plasmid	pE33L8	8
Bacillus cereus E33L	Plasmid	pE33L9	10
Bacillus cereus G9842	Chromosome		5488
Bacillus cereus G9842	Plasmid	pG9842_140	118
Bacillus cereus G9842	Plasmid	pG9842_209	251
Bacillus cereus Q1	Chromosome		5205
Bacillus cereus Q1	Plasmid	pBc239	228
Bacillus cereus Q1	Plasmid	pBc53	69
Bacillus clausii KSM-K16	Chromosome		4107
Bacillus cytotoxicus NVH 391-98	Chromosome		3833
Bacillus cytotoxicus NVH 391-98	Plasmid	pBC9801	11
Bacillus halodurans C-125	Chromosome		4062
Bacillus licheniformis ATCC 14580	Chromosome		4180
Bacillus licheniformis ATCC 14580	Chromosome		4194
Bacillus pumilus SAFR-032	Chromosome		3681
Bacillus subtilis subsp. subtilis str. 168	Chromosome		4239
Bacillus thuringiensis serovar konkukian str. 97-27	Chromosome		5117
Bacillus thuringiensis serovar konkukian str. 97-27	Plasmid	pBT9727	80
Bacillus thuringiensis str. Al Hakam	Chromosome		4736
Bacillus thuringiensis str. Al Hakam	Plasmid	pALH1	62
Bacillus weihenstephanensis KBAB4	Chromosome		5155
Bacillus weihenstephanensis KBAB4	Plasmid	pBWB401	289
Bacillus weihenstephanensis KBAB4	Plasmid	pBWB402	63
Bacillus weihenstephanensis KBAB4	Plasmid	pBWB403	75
Bacillus weihenstephanensis KBAB4	Plasmid	pBWB404	71
Bacteroides fragilis NCTC 9343	Chromosome		4257
Bacteroides fragilis NCTC 9343	Plasmid	pBF9343	48
Bacteroides fragilis YCH46	Chromosome		4577
Bacteroides fragilis YCH46	Plasmid	pBFY46	47
Bacteroides thetaiotaomicron VPI-5482	Chromosome		4778

Bacteroides thetaiotaomicron VPI-5482	Plasmid	p5482	38
Bacteroides vulgatus ATCC 8482	Chromosome		4065
Bartonella bacilliformis KC583	Chromosome		1283
Bartonella grahamii as4aup	Chromosome		1737
Bartonella grahamii as4aup	Plasmid	pBGR3	31
Bartonella henselae	Chromosome		1609
Bartonella quintana str. Toulouse	Chromosome		1305
Bartonella tribocorum CIP 105476	Chromosome		2136
Bartonella tribocorum CIP 105476	Plasmid	pBT	18
Baumannia cicadellinicola str. Hc (Homalodisca coagulata)	Chromosome		595
Bdellovibrio bacteriovorus HD100	Chromosome		3583
Beijerinckia indica subsp. indica ATCC 9039	Chromosome		3569
Beijerinckia indica subsp. indica ATCC 9039	Plasmid	pBIND01	176
Beijerinckia indica subsp. indica ATCC 9039	Plasmid	pBIND02	39
Beutenbergia cavernae DSM 12333	Chromosome		4197
Bifidobacterium adolescentis ATCC 15703	Chromosome		1631
Bifidobacterium animalis subsp. lactis AD011	Chromosome		1528
Bifidobacterium animalis subsp. lactis BI-04	Chromosome		1567
Bifidobacterium animalis subsp. lactis DSM 10140	Chromosome		1566
Bifidobacterium dentium Bd1	Chromosome		2129
Bifidobacterium longum DJO10A	Chromosome		1990
Bifidobacterium longum DJO10A	Plasmid	pDOJH10L	10
Bifidobacterium longum DJO10A	Plasmid	pDOJH10S	3
Bifidobacterium longum NCC2705	Chromosome		1727
Bifidobacterium longum NCC2705	Plasmid	pBLO1	2
Bifidobacterium longum subsp. infantis ATCC 15697	Chromosome		2416
Blattabacterium sp. (Blattella germanica) str. Bge	Chromosome		587
Blattabacterium sp. (Periplaneta americana) str. BPLAN	Chromosome		577
Blattabacterium sp. (Periplaneta americana) str. BPLAN	Plasmid	pBPLAN	4

Bordetella avium 197N	Chromosome		3420
Bordetella bronchiseptica	Chromosome		5006
Bordetella parapertussis 12822	Chromosome		4394
Bordetella pertussis	Chromosome		3787
Bordetella petrii	Chromosome		5032
Borrelia afzelii PKo	Chromosome		856
Borrelia afzelii PKo	Plasmid	cp27	28
Borrelia afzelii PKo	Plasmid	cp30	43
Borrelia afzelii PKo	Plasmid	lp25	29
Borrelia afzelii PKo	Plasmid	lp28	34
Borrelia afzelii PKo	Plasmid	lp31 fragment a	14
Borrelia afzelii PKo	Plasmid	lp31 fragment b	24
Borrelia afzelii PKo	Plasmid	lp31 fragment c	10
Borrelia afzelii PKo	Plasmid	lp32	55
Borrelia afzelii PKo	Plasmid	lp34	36
Borrelia afzelii PKo	Plasmid	lp60-1	75
Borrelia afzelii PKo	Plasmid	lp60-2	59
Borrelia burgdorferi B31	Chromosome		850
Borrelia burgdorferi B31	Plasmid	cp26	29
Borrelia burgdorferi B31	Plasmid	cp32-1	42
Borrelia burgdorferi B31	Plasmid	cp32-3	45
Borrelia burgdorferi B31	Plasmid	cp32-4	44
Borrelia burgdorferi B31	Plasmid	cp32-6	42
Borrelia burgdorferi B31	Plasmid	cp32-7	44
Borrelia burgdorferi B31	Plasmid	cp32-8	43
Borrelia burgdorferi B31	Plasmid	cp32-9	35
Borrelia burgdorferi B31	Plasmid	cp9	11
Borrelia burgdorferi B31	Plasmid	lp17	23
Borrelia burgdorferi B31	Plasmid	lp21	11
Borrelia burgdorferi B31	Plasmid	lp25	29
Borrelia burgdorferi B31	Plasmid	lp28-1	26
Borrelia burgdorferi B31	Plasmid	lp28-2	32
Borrelia burgdorferi B31	Plasmid	lp28-3	37
Borrelia burgdorferi B31	Plasmid	lp28-4	43
Borrelia burgdorferi B31	Plasmid	lp36	51
Borrelia burgdorferi B31	Plasmid	lp38	48
Borrelia burgdorferi B31	Plasmid	lp5	6
Borrelia burgdorferi B31	Plasmid	lp54	76
Borrelia burgdorferi B31	Plasmid	lp56	72
Borrelia burgdorferi ZS7	Chromosome		808
Borrelia burgdorferi ZS7	Plasmid	ZS7_cp26	25
Borrelia burgdorferi ZS7	Plasmid	ZS7_cp32-1	36
Borrelia burgdorferi ZS7	Plasmid	ZS7_cp32-12	39
Borrelia burgdorferi ZS7	Plasmid	ZS7_cp32-3+10	60
Borrelia burgdorferi ZS7	Plasmid	ZS7_cp32-4	40
Borrelia burgdorferi ZS7	Plasmid	ZS7_cp32-9	35
Borrelia burgdorferi ZS7	Plasmid	ZS7_lp17	14
Borrelia burgdorferi ZS7	Plasmid	ZS7_lp25	17
Borrelia burgdorferi ZS7	Plasmid	ZS7_lp28-1	13
Borrelia burgdorferi ZS7	Plasmid	ZS7_lp28-2	31
Borrelia burgdorferi ZS7	Plasmid	ZS7_lp28-3	22

Borrelia burgdorferi ZS7	Plasmid	ZS7_lp28-4	21
Borrelia burgdorferi ZS7	Plasmid	ZS7_lp36	23
Borrelia burgdorferi ZS7	Plasmid	ZS7_lp54	55
Borrelia duttonii Ly	Chromosome		820
Borrelia duttonii Ly	Plasmid	p111	8
Borrelia duttonii Ly	Plasmid	p115	13
Borrelia duttonii Ly	Plasmid	p1165	134
Borrelia duttonii Ly	Plasmid	p123	21
Borrelia duttonii Ly	Plasmid	p123b	12
Borrelia duttonii Ly	Plasmid	p126	34
Borrelia duttonii Ly	Plasmid	p127	35
Borrelia duttonii Ly	Plasmid	p128	36
Borrelia duttonii Ly	Plasmid	p131	20
Borrelia duttonii Ly	Plasmid	p132	22
Borrelia duttonii Ly	Plasmid	p135	19
Borrelia duttonii Ly	Plasmid	p136	20
Borrelia duttonii Ly	Plasmid	p140	18
Borrelia duttonii Ly	Plasmid	p141	28
Borrelia duttonii Ly	Plasmid	p142	20
Borrelia duttonii Ly	Plasmid	p170	45
Borrelia garinii PBi	Chromosome		832
Borrelia garinii PBi	Plasmid	10	20
Borrelia garinii PBi	Plasmid	11	12
Borrelia garinii PBi	Plasmid	12	9
Borrelia garinii PBi	Plasmid	13	7
Borrelia garinii PBi	Plasmid	14	4
Borrelia garinii PBi	Plasmid	15	12
Borrelia garinii PBi	Plasmid	16	7
Borrelia garinii PBi	Plasmid	17	6
Borrelia garinii PBi	Plasmid	18	4
Borrelia garinii PBi	Plasmid	19	5
Borrelia garinii PBi	Plasmid	20	6
Borrelia garinii PBi	Plasmid	21	9
Borrelia garinii PBi	Plasmid	22	5
Borrelia garinii PBi	Plasmid	23	4
Borrelia garinii PBi	Plasmid	24	4
Borrelia garinii PBi	Plasmid	25	3
Borrelia garinii PBi	Plasmid	26	2
Borrelia garinii PBi	Plasmid	27	7
Borrelia garinii PBi	Plasmid	28	6
Borrelia garinii PBi	Plasmid	29	3
Borrelia garinii PBi	Plasmid	3	32
Borrelia garinii PBi	Plasmid	30	4
Borrelia garinii PBi	Plasmid	31	1
Borrelia garinii PBi	Plasmid	32	3
Borrelia garinii PBi	Plasmid	33	1
Borrelia garinii PBi	Plasmid	34	4
Borrelia garinii PBi	Plasmid	35	1
Borrelia garinii PBi	Plasmid	36	3
Borrelia garinii PBi	Plasmid	37	3
Borrelia garinii PBi	Plasmid	38	2

<i>Borrelia garinii</i> PBi	Plasmid	39	4
<i>Borrelia garinii</i> PBi	Plasmid	4	23
<i>Borrelia garinii</i> PBi	Plasmid	5	29
<i>Borrelia garinii</i> PBi	Plasmid	6	24
<i>Borrelia garinii</i> PBi	Plasmid	7	23
<i>Borrelia garinii</i> PBi	Plasmid	8	25
<i>Borrelia garinii</i> PBi	Plasmid	9	18
<i>Borrelia garinii</i> PBi	Plasmid	cp26	26
<i>Borrelia garinii</i> PBi	Plasmid	lp54	74
<i>Borrelia hermsii</i> DAH	Chromosome		819
<i>Borrelia recurrentis</i> A1	Chromosome		800
<i>Borrelia recurrentis</i> A1	Plasmid	pI124	91
<i>Borrelia recurrentis</i> A1	Plasmid	pI23	17
<i>Borrelia recurrentis</i> A1	Plasmid	pI33	17
<i>Borrelia recurrentis</i> A1	Plasmid	pI35	15
<i>Borrelia recurrentis</i> A1	Plasmid	pI37	19
<i>Borrelia recurrentis</i> A1	Plasmid	pI53	28
<i>Borrelia recurrentis</i> A1	Plasmid	pI6	3
<i>Borrelia turicatae</i> 91E135	Chromosome		818
<i>Brachybacterium faecium</i> DSM 4810	Chromosome		3068
<i>Brachyspira hyodysenteriae</i> WA1	Chromosome		2613
<i>Brachyspira hyodysenteriae</i> WA1	Plasmid	pBHWA1	31
<i>Bradyrhizobium japonicum</i> USDA 110	Chromosome		8317
<i>Bradyrhizobium</i> sp. BTAi1	Chromosome		7394
<i>Bradyrhizobium</i> sp. BTAi1	Plasmid	pBBta01	228
<i>Bradyrhizobium</i> sp. ORS278	Chromosome		6748
<i>Brevibacillus brevis</i> NBRC 100599	Chromosome		5949
<i>Brucella abortus</i> bv. 1 str. 9-941	Chromosome	I	2030
<i>Brucella abortus</i> bv. 1 str. 9-941	Chromosome	II	1056
<i>Brucella abortus</i> S19	Chromosome	1	1968
<i>Brucella abortus</i> S19	Chromosome	2	1033
<i>Brucella canis</i> ATCC 23365	Chromosome	I	2102
<i>Brucella canis</i> ATCC 23365	Chromosome	II	1149
<i>Brucella melitensis</i> ATCC 23457	Chromosome	I	2064
<i>Brucella melitensis</i> ATCC 23457	Chromosome	II	1072
<i>Brucella melitensis</i> biovar Abortus 2308	Chromosome	I	2176
<i>Brucella melitensis</i> biovar Abortus 2308	Chromosome	II	1157
<i>Brucella melitensis</i> bv. 1 str. 16M	Chromosome	I	2055
<i>Brucella melitensis</i> bv. 1 str. 16M	Chromosome	II	1127
<i>Brucella microti</i> CCM 4915	Chromosome	1	2120
<i>Brucella microti</i> CCM 4915	Chromosome	2	1167
<i>Brucella ovis</i> ATCC 25840	Chromosome	I	1930

<i>Brucella ovis</i> ATCC 25840	Chromosome	II	963
<i>Brucella suis</i> 1330	Chromosome	I	2123
<i>Brucella suis</i> 1330	Chromosome	II	1150
<i>Brucella suis</i> ATCC 23445	Chromosome	I	1921
<i>Brucella suis</i> ATCC 23445	Chromosome	II	1320
<i>Buchnera aphidicola</i> str. 5A (<i>Acyrtosiphon pisum</i>)	Chromosome		555
<i>Buchnera aphidicola</i> str. APS (<i>Acyrtosiphon pisum</i>)	Chromosome		562
<i>Buchnera aphidicola</i> str. APS (<i>Acyrtosiphon pisum</i>)	Plasmid	pLeu	7
<i>Buchnera aphidicola</i> str. APS (<i>Acyrtosiphon pisum</i>)	Plasmid	pTrp	3
<i>Buchnera aphidicola</i> str. Bp (<i>Baizongia pistaciae</i>)	Chromosome		504
<i>Buchnera aphidicola</i> str. Bp (<i>Baizongia pistaciae</i>)	Plasmid	pBBp1	3
<i>Buchnera aphidicola</i> str. Cc (<i>Cinara cedri</i>)	Chromosome		360
<i>Buchnera aphidicola</i> str. Cc (<i>Cinara cedri</i>)	Plasmid	pLeu-BCc	5
<i>Buchnera aphidicola</i> str. Sg (<i>Schizaphis graminum</i>)	Chromosome		551
<i>Buchnera aphidicola</i> str. Sg (<i>Schizaphis graminum</i>)	Plasmid	pBsc	3
<i>Buchnera aphidicola</i> str. Sg (<i>Schizaphis graminum</i>)	Plasmid	pLeu-Sg	7
<i>Buchnera aphidicola</i> str. Tuc7 (<i>Acyrtosiphon pisum</i>)	Chromosome		553
<i>Burkholderia ambifaria</i> AMMD	Chromosome	1	3206
<i>Burkholderia ambifaria</i> AMMD	Chromosome	2	2346
<i>Burkholderia ambifaria</i> AMMD	Chromosome	3	1013
<i>Burkholderia ambifaria</i> AMMD	Plasmid	pAMMD-1	45
<i>Burkholderia ambifaria</i> MC40-6	Chromosome	1	3074
<i>Burkholderia ambifaria</i> MC40-6	Chromosome	2	2382
<i>Burkholderia ambifaria</i> MC40-6	Chromosome	3	967
<i>Burkholderia ambifaria</i> MC40-6	Plasmid	pBMC401	274
<i>Burkholderia cenocepacia</i> AU 1054	Chromosome	1	2965
<i>Burkholderia cenocepacia</i> AU 1054	Chromosome	2	2470
<i>Burkholderia cenocepacia</i> AU 1054	Chromosome	3	1040
<i>Burkholderia cenocepacia</i> HI2424	Chromosome	1	3159
<i>Burkholderia cenocepacia</i> HI2424	Chromosome	2	2686
<i>Burkholderia cenocepacia</i> HI2424	Chromosome	3	918
<i>Burkholderia cenocepacia</i> HI2424	Plasmid	pHI2424-1	156
<i>Burkholderia cenocepacia</i> J2315	Chromosome	1	3517
<i>Burkholderia cenocepacia</i> J2315	Chromosome	2	2842

Burkholderia cenocepacia J2315	Chromosome	3	772
Burkholderia cenocepacia J2315	Plasmid	pBCJ2315	99
Burkholderia cenocepacia MC0-3	Chromosome	1	3160
Burkholderia cenocepacia MC0-3	Chromosome	2	2795
Burkholderia cenocepacia MC0-3	Chromosome	3	1053
Burkholderia glumae BGR1	Chromosome	1	3287
Burkholderia glumae BGR1	Chromosome	2	2079
Burkholderia glumae BGR1	Plasmid	bglu_1p	102
Burkholderia glumae BGR1	Plasmid	bglu_2p	97
Burkholderia glumae BGR1	Plasmid	bglu_3p	106
Burkholderia glumae BGR1	Plasmid	bglu_4p	102
Burkholderia mallei ATCC 23344	Chromosome	1	2997
Burkholderia mallei ATCC 23344	Chromosome	2	2029
Burkholderia mallei NCTC 10229	Chromosome	I	1990
Burkholderia mallei NCTC 10229	Chromosome	II	3163
Burkholderia mallei NCTC 10247	Chromosome	I	2141
Burkholderia mallei NCTC 10247	Chromosome	II	3272
Burkholderia mallei SAVP1	Chromosome	I	1734
Burkholderia mallei SAVP1	Chromosome	II	3455
Burkholderia multivorans ATCC 17616	Chromosome	1	3123
Burkholderia multivorans ATCC 17616	Chromosome	1	3146
Burkholderia multivorans ATCC 17616	Chromosome	2	2152
Burkholderia multivorans ATCC 17616	Chromosome	2	2157
Burkholderia multivorans ATCC 17616	Chromosome	3	805
Burkholderia multivorans ATCC 17616	Chromosome	3	824
Burkholderia multivorans ATCC 17616	Plasmid	pBMUL01	138
Burkholderia multivorans ATCC 17616	Plasmid	pTGL1	137
Burkholderia phymatum STM815	Chromosome	1	3072
Burkholderia phymatum STM815	Chromosome	2	2349
Burkholderia phymatum STM815	Plasmid	pBPHY01	1626
Burkholderia phymatum STM815	Plasmid	pBPHY02	449
Burkholderia phytofirmans PsJN	Chromosome	1	3922

Burkholderia phytofirmans PsJN	Chromosome	2	3152
Burkholderia phytofirmans PsJN	Plasmid	pBPHYT01	167
Burkholderia pseudomallei 1106a	Chromosome	I	4019
Burkholderia pseudomallei 1106a	Chromosome	II	3162
Burkholderia pseudomallei 1710b	Chromosome	I	3736
Burkholderia pseudomallei 1710b	Chromosome	II	2611
Burkholderia pseudomallei 668	Chromosome	I	3939
Burkholderia pseudomallei 668	Chromosome	II	3178
Burkholderia pseudomallei K96243	Chromosome	1	3459
Burkholderia pseudomallei K96243	Chromosome	2	2392
Burkholderia sp. 383	Chromosome	1	3334
Burkholderia sp. 383	Chromosome	2	3174
Burkholderia sp. 383	Chromosome	3	1209
Burkholderia thailandensis E264	Chromosome	I	3276
Burkholderia thailandensis E264	Chromosome	II	2358
Burkholderia vietnamiensis G4	Chromosome	1	3274
Burkholderia vietnamiensis G4	Chromosome	2	2096
Burkholderia vietnamiensis G4	Chromosome	3	1114
Burkholderia vietnamiensis G4	Plasmid	pBVIE01	403
Burkholderia vietnamiensis G4	Plasmid	pBVIE02	263
Burkholderia vietnamiensis G4	Plasmid	pBVIE03	249
Burkholderia vietnamiensis G4	Plasmid	pBVIE04	107
Burkholderia vietnamiensis G4	Plasmid	pBVIE05	111
Burkholderia xenovorans LB400	Chromosome	1	4430
Burkholderia xenovorans LB400	Chromosome	2	2960
Burkholderia xenovorans LB400	Chromosome	3	1312
Caldicellulosiruptor saccharolyticus DSM 8903	Chromosome		2679
Campylobacter concisus 13826	Chromosome		2024
Campylobacter concisus 13826	Plasmid	pCCON16	23
Campylobacter concisus 13826	Plasmid	pCCON31	33
Campylobacter curvus 525.92	Chromosome		1931
Campylobacter fetus subsp. fetus 82-40	Chromosome		1719
Campylobacter hominis ATCC BAA-381	Chromosome		1682
Campylobacter hominis ATCC BAA-381	Plasmid	pCH4	5
Campylobacter jejuni RM1221	Chromosome		1838
Campylobacter jejuni subsp. doylei 269.97	Chromosome		1731
Campylobacter jejuni subsp. jejuni 81116	Chromosome		1626
Campylobacter jejuni subsp. jejuni 81-176	Chromosome		1653
Campylobacter jejuni subsp.	Plasmid	pTet	52

Campylobacter jejuni subsp. jejuni 81-176	Plasmid	pTet	52
Campylobacter jejuni subsp. jejuni 81-176	Plasmid	pVir	53
Campylobacter jejuni subsp. jejuni NCTC 11168	Chromosome		1643
Campylobacter lari RM2100	Chromosome		1504
Campylobacter lari RM2100	Plasmid	megaplasmid pCL2100	42
Candidatus Amoebophilus asiaticus 5a2	Chromosome		1336
Candidatus Azobacteroides pseudotrichonymphae genomovar. CFP2	Chromosome		758
Candidatus Azobacteroides pseudotrichonymphae genomovar. CFP2	Plasmid	pCFPG1	37
Candidatus Azobacteroides pseudotrichonymphae genomovar. CFP2	Plasmid	pCFPG2	28
Candidatus Azobacteroides pseudotrichonymphae genomovar. CFP2	Plasmid	pCFPG3	25
Candidatus Azobacteroides pseudotrichonymphae genomovar. CFP2	Plasmid	pCFPG4	4
Candidatus Blochmannia floridanus	Chromosome		589
Candidatus Blochmannia pennsylvanicus str. BPEN	Chromosome		610
Candidatus Carsonella ruddii PV	Chromosome		182
Candidatus Desulforudis audaxviator MP104C	Chromosome		2157
Candidatus Hamiltonella defensa 5AT (Acyrtosiphon pisum)	Chromosome		2100
Candidatus Hamiltonella defensa 5AT (Acyrtosiphon pisum)	Plasmid	pHD5AT	55
Candidatus Koribacter versatilis Ellin345	Chromosome		4777
Candidatus Liberibacter asiaticus str. psy62	Chromosome		1109
Candidatus Pelagibacter ubique HTCC1062	Chromosome		1354
Candidatus Phytoplasma australiense	Chromosome		838
Candidatus Phytoplasma mali	Chromosome		497
Candidatus Protochlamydia amoebophila UWE25	Chromosome		2031
Candidatus Ruthia magnifica str. Cm (Calyptogena magnifica)	Chromosome		976
Candidatus Solibacter usitatus Ellin6076	Chromosome		7826
Candidatus Sulcia muelleri	Chromosome		227

Candidatus Sulcia muelleri SMDSEM	Chromosome		242
Candidatus Vesicomysocius okutanii HA	Chromosome		939
Capnocytophaga ochracea DSM 7271	Chromosome		2171
Carboxydotherrmus hydrogenoformans Z-2901	Chromosome		2620
Catenulispora acidiphila DSM 44928	Chromosome		8914
Caulobacter crescentus CB15	Chromosome		3738
Caulobacter crescentus NA1000	Chromosome		3877
Caulobacter sp. K31	Chromosome		5061
Caulobacter sp. K31	Plasmid	pCAUL01	212
Caulobacter sp. K31	Plasmid	pCAUL02	165
Cellvibrio japonicus Ueda107	Chromosome		3754
Chelativorans sp. BNC1	Chromosome		4064
Chelativorans sp. BNC1	Plasmid	pBNC1-1	317
Chelativorans sp. BNC1	Plasmid	pBNC1-2	113
Chelativorans sp. BNC1	Plasmid	pBNC1-3	49
Chitinophaga pinensis DSM 2588	Chromosome		7192
Chlamydia muridarum Nigg	Chromosome		908
Chlamydia muridarum Nigg	Plasmid	pMoPn	8
Chlamydia trachomatis 434/Bu	Chromosome		889
Chlamydia trachomatis 434/Bu	Plasmid	pL2	9
Chlamydia trachomatis A/HAR- 13	Chromosome		908
Chlamydia trachomatis A/HAR- 13	Plasmid	pCTA	8
Chlamydia trachomatis B/Jali20/OT	Chromosome		892
Chlamydia trachomatis B/Jali20/OT	Plasmid	pJALI	8
Chlamydia trachomatis B/TZ1A828/OT	Chromosome		893
Chlamydia trachomatis B/TZ1A828/OT	Plasmid	pCTB	8
Chlamydia trachomatis D/UW- 3/CX	Chromosome		895
Chlamydia trachomatis L2b/UCH-1/proctitis	Chromosome		889
Chlamydia trachomatis L2b/UCH-1/proctitis	Plasmid	pUCH-1	8
Chlamydophila abortus S26/3	Chromosome		960
Chlamydophila caviae GPIC	Chromosome		998
Chlamydophila caviae GPIC	Plasmid	pCpGP1	7
Chlamydophila felis Fe/C-56	Chromosome		1005
Chlamydophila felis Fe/C-56	Plasmid	pCfe1	8
Chlamydophila pneumoniae AR39	Chromosome		1111
Chlamydophila pneumoniae CWL029	Chromosome		1052
Chlamydophila pneumoniae	Chromosome		1070

<i>Chlamydophila pneumoniae</i> J138	Chromosome		1070
<i>Chlamydophila pneumoniae</i> LPCoLN	Chromosome		1097
<i>Chlamydophila pneumoniae</i> LPCoLN	Plasmid	unnamed	8
<i>Chlamydophila pneumoniae</i> TW-183	Chromosome		1111
<i>Chlorobaculum parvum</i> NCIB 8327	Chromosome		2044
<i>Chlorobium chlorochromatii</i> CaD3	Chromosome		2002
<i>Chlorobium limicola</i> DSM 245	Chromosome		2434
<i>Chlorobium luteolum</i> DSM 273	Chromosome		2083
<i>Chlorobium phaeobacteroides</i> BS1	Chromosome		2469
<i>Chlorobium phaeobacteroides</i> DSM 266	Chromosome		2650
<i>Chlorobium phaeovibrioides</i> DSM 265	Chromosome		1753
<i>Chlorobium tepidum</i> TLS	Chromosome		2255
<i>Chloroflexus aggregans</i> DSM 9485	Chromosome		3730
<i>Chloroflexus aurantiacus</i> J-10-fl	Chromosome		3853
<i>Chloroflexus</i> sp. Y-400-fl	Chromosome		4159
<i>Chloroherpeton thalassium</i> ATCC 35110	Chromosome		2710
<i>Chromobacterium violaceum</i> ATCC 12472	Chromosome		4407
<i>Chromohalobacter salexigens</i> DSM 3043	Chromosome		3298
<i>Citrobacter koseri</i> ATCC BAA-895	Chromosome		5003
<i>Citrobacter koseri</i> ATCC BAA-895	Plasmid	pCKO2	13
<i>Citrobacter koseri</i> ATCC BAA-895	Plasmid	pCKO3	15
<i>Citrobacter rodentium</i> ICC168	Chromosome		4968
<i>Citrobacter rodentium</i> ICC168	Plasmid	pCROD1	60
<i>Citrobacter rodentium</i> ICC168	Plasmid	pCROD2	55
<i>Citrobacter rodentium</i> ICC168	Plasmid	pCROD3	3
<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> NCPPB 382	Chromosome		3008
<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> NCPPB 382	Plasmid	pCM1	28
<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> NCPPB 382	Plasmid	pCM2	72
<i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i>	Chromosome		3052
<i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i>	Plasmid	pCS1	65
<i>Clavibacter michiganensis</i>	Plasmid	pCSL1	113

Clostridium acetobutylicum ATCC 824	Chromosome		3673
Clostridium acetobutylicum ATCC 824	Plasmid	pSOL1	176
Clostridium beijerinckii NCIMB 8052	Chromosome		5020
Clostridium botulinum A2 str. Kyoto	Chromosome		3878
Clostridium botulinum A3 str. Loch Maree	Chromosome		3654
Clostridium botulinum A3 str. Loch Maree	Plasmid	pCLK	329
Clostridium botulinum A str. ATCC 19397	Chromosome		3551
Clostridium botulinum A str. ATCC 3502	Chromosome		3650
Clostridium botulinum A str. ATCC 3502	Plasmid	pBOT3502	19
Clostridium botulinum A str. Hall	Chromosome		3404
Clostridium botulinum B1 str. Okra	Chromosome		3652
Clostridium botulinum B1 str. Okra	Plasmid	pCLD	194
Clostridium botulinum Ba4 str. 657	Chromosome		3691
Clostridium botulinum Ba4 str. 657	Plasmid	pCLJ	306
Clostridium botulinum Ba4 str. 657	Plasmid	pCLJ2	6
Clostridium botulinum B str. Eklund 17B	Chromosome		3425
Clostridium botulinum B str. Eklund 17B	Plasmid	pCLL	50
Clostridium botulinum E3 str. Alaska E43	Chromosome		3257
Clostridium botulinum F str. Langeland	Chromosome		3631
Clostridium botulinum F str. Langeland	Plasmid	pCLI	24
Clostridium cellulolyticum H10	Chromosome		3390
Clostridium difficile 630	Chromosome		3767
Clostridium difficile 630	Plasmid	pCD630	11
Clostridium difficile CD196	Chromosome		3476
Clostridium difficile R20291	Chromosome		3534
Clostridium kluyveri DSM 555	Chromosome		3838
Clostridium kluyveri DSM 555	Plasmid	pCKL555A	75
Clostridium kluyveri NBRC 12016	Chromosome		3468
Clostridium kluyveri NBRC 12016	Plasmid	pCKL1	55
Clostridium novyi NT	Chromosome		2325
Clostridium perfringens ATCC 13124	Chromosome		2876
Clostridium perfringens SM101	Chromosome		2547

Clostridium perfringens SM101	Plasmid	pSM101A	10
Clostridium perfringens SM101	Plasmid	pSM101B	10
Clostridium perfringens str. 13	Chromosome		2660
Clostridium perfringens str. 13	Plasmid	pCP13	63
Clostridium phytofermentans ISDg	Chromosome		3902
Clostridium tetani E88	Chromosome		2375
Clostridium tetani E88	Plasmid	pE88	59
Clostridium thermocellum ATCC 27405	Chromosome		3191
Colwellia psychrerythraea 34H	Chromosome		4910
Coprothermobacter proteolyticus DSM 5265	Chromosome		1482
Corynebacterium aurimucosum ATCC 700975	Chromosome		2531
Corynebacterium diphtheriae NCTC 13129	Chromosome		2317
Corynebacterium efficiens YS-314	Chromosome		2942
Corynebacterium efficiens YS-314	Plasmid	pCE2	15
Corynebacterium efficiens YS-314	Plasmid	pCE3	41
Corynebacterium glutamicum ATCC 13032	Chromosome		3058
Corynebacterium glutamicum ATCC 13032	Chromosome		3102
Corynebacterium glutamicum R	Chromosome		3052
Corynebacterium glutamicum R	Plasmid	pCGR1	28
Corynebacterium jeikeium K411	Chromosome		2104
Corynebacterium jeikeium K411	Plasmid	pKW4	16
Corynebacterium kroppenstedtii DSM 44385	Chromosome		2018
Corynebacterium urealyticum DSM 7109	Chromosome		2024
Coxiella burnetii CbuG_Q212	Chromosome		1871
Coxiella burnetii CbuK_Q154	Chromosome		1905
Coxiella burnetii CbuK_Q154	Plasmid	pQpRS_K_Q154	42
Coxiella burnetii Dugway 5J108-111	Chromosome		1994
Coxiella burnetii Dugway 5J108-111	Plasmid	pQpDG	52
Coxiella burnetii RSA 331	Chromosome		1930
Coxiella burnetii RSA 331	Plasmid	QpH1	45
Coxiella burnetii RSA 493	Chromosome		1818
Coxiella burnetii RSA 493	Plasmid	pQpH1	35
Cronobacter sakazakii ATCC BAA-894	Chromosome		4277
Cronobacter sakazakii ATCC BAA-894	Plasmid	pESA2	38
Cronobacter sakazakii ATCC BAA-894	Plasmid	pESA3	127

<i>Cronobacter turicensis</i> z3032	Chromosome		4213
<i>Cronobacter turicensis</i> z3032	Plasmid	pCTU1	136
<i>Cronobacter turicensis</i> z3032	Plasmid	pCTU2	32
<i>Cronobacter turicensis</i> z3032	Plasmid	pCTU3	74
<i>Cryptobacterium curtum</i> DSM 15641	Chromosome		1357
<i>Cupriavidus metallidurans</i> CH34	Chromosome		3800
<i>Cupriavidus metallidurans</i> CH34	Plasmid	megaplasmid CH34	2486
<i>Cupriavidus metallidurans</i> CH34	Plasmid	pMOL28	175
<i>Cupriavidus metallidurans</i> CH34	Plasmid	pMOL30	277
<i>Cupriavidus taiwanensis</i>	Chromosome	1	3144
<i>Cupriavidus taiwanensis</i>	Chromosome	2	2253
<i>Cupriavidus taiwanensis</i>	Plasmid	pRALTA	571
<i>Cyanothece</i> sp. ATCC 51142	Chromosome	circular	4762
<i>Cyanothece</i> sp. ATCC 51142	Chromosome	linear	449
<i>Cyanothece</i> sp. ATCC 51142	Plasmid	A	38
<i>Cyanothece</i> sp. ATCC 51142	Plasmid	B	25
<i>Cyanothece</i> sp. ATCC 51142	Plasmid	C	19
<i>Cyanothece</i> sp. ATCC 51142	Plasmid	D	11
<i>Cyanothece</i> sp. PCC 7424	Chromosome		5227
<i>Cyanothece</i> sp. PCC 7424	Plasmid	pP742401	236
<i>Cyanothece</i> sp. PCC 7424	Plasmid	pP742402	175
<i>Cyanothece</i> sp. PCC 7424	Plasmid	pP742403	26
<i>Cyanothece</i> sp. PCC 7424	Plasmid	pP742404	19
<i>Cyanothece</i> sp. PCC 7424	Plasmid	pP742405	16
<i>Cyanothece</i> sp. PCC 7424	Plasmid	pP742406	11
<i>Cyanothece</i> sp. PCC 7425	Chromosome		4966
<i>Cyanothece</i> sp. PCC 7425	Plasmid	pP742501	160
<i>Cyanothece</i> sp. PCC 7425	Plasmid	pP742502	172
<i>Cyanothece</i> sp. PCC 7425	Plasmid	pP742503	29
<i>Cyanothece</i> sp. PCC 8801	Chromosome		4260
<i>Cyanothece</i> sp. PCC 8801	Plasmid	pP880101	52
<i>Cyanothece</i> sp. PCC 8801	Plasmid	pP880102	44
<i>Cyanothece</i> sp. PCC 8801	Plasmid	pP880103	11
<i>Cyanothece</i> sp. PCC 8802	Chromosome		4320
<i>Cyanothece</i> sp. PCC 8802	Plasmid	pP880201	58
<i>Cyanothece</i> sp. PCC 8802	Plasmid	pP880202	24
<i>Cyanothece</i> sp. PCC 8802	Plasmid	pP880203	29
<i>Cyanothece</i> sp. PCC 8802	Plasmid	pP880204	13
<i>Cytophaga hutchinsonii</i> ATCC 33406	Chromosome		3785
<i>Dechloromonas aromatica</i> RCB	Chromosome		4171
<i>Dehalococcoides ethenogenes</i> 195	Chromosome		1580
<i>Dehalococcoides</i> sp. BAV1	Chromosome		1371
<i>Dehalococcoides</i> sp. CBDB1	Chromosome		1458
<i>Dehalococcoides</i> sp. VS	Chromosome		1438
<i>Deinococcus deserti</i> VCD115	Chromosome		2593

<i>Deinococcus deserti</i> VCD115	Plasmid	pDeide1	262
<i>Deinococcus deserti</i> VCD115	Plasmid	pDeide2	250
<i>Deinococcus deserti</i> VCD115	Plasmid	pDeide3	348
<i>Deinococcus geothermalis</i> DSM 11300	Chromosome		2330
<i>Deinococcus geothermalis</i> DSM 11300	Plasmid	pDSM11300	519
<i>Deinococcus radiodurans</i> R1	Chromosome	I	2580
<i>Deinococcus radiodurans</i> R1	Chromosome	II	357
<i>Deinococcus radiodurans</i> R1	Plasmid	CP1	35
<i>Deinococcus radiodurans</i> R1	Plasmid	megaplasmid MP1	131
<i>Delftia acidovorans</i> SPH-1	Chromosome		6040
<i>Desulfatibacillum alkenivorans</i> AK-01	Chromosome		5252
<i>Desulfitobacterium hafniense</i> DCB-2	Chromosome		4884
<i>Desulfitobacterium hafniense</i> Y51	Chromosome		5058
<i>Desulfobacterium autotrophicum</i> HRM2	Chromosome		4871
<i>Desulfococcus oleovorans</i> Hxd3	Chromosome		3265
<i>Desulfohalobium retbaense</i> DSM 5692	Chromosome		2479
<i>Desulfomicrobium baculatum</i> DSM 4028	Chromosome		3436
<i>Desulfotalea psychrophila</i> Lsv54	Chromosome		3118
<i>Desulfotalea psychrophila</i> Lsv54	Plasmid	large	101
<i>Desulfotalea psychrophila</i> Lsv54	Plasmid	small	17
<i>Desulfotomaculum acetoxidans</i> DSM 771	Chromosome		4068
<i>Desulfotomaculum reducens</i> MI-1	Chromosome		3276
<i>Desulfovibrio desulfuricans</i> subsp. <i>desulfuricans</i> str. ATCC 27774	Chromosome		2356
<i>Desulfovibrio desulfuricans</i> subsp. <i>desulfuricans</i> str. G20	Chromosome		3775
<i>Desulfovibrio magneticus</i> RS-1	Chromosome		4629
<i>Desulfovibrio magneticus</i> RS-1	Plasmid	pDMC1	65
<i>Desulfovibrio magneticus</i> RS-1	Plasmid	pDMC2	10
<i>Desulfovibrio salexigens</i> DSM 2638	Chromosome		3807
<i>Desulfovibrio vulgaris</i> DP4	Chromosome		2941
<i>Desulfovibrio vulgaris</i> DP4	Plasmid	pDVUL01	150
<i>Desulfovibrio vulgaris</i> str. Hildenborough	Chromosome		3379
<i>Desulfovibrio vulgaris</i> str. Hildenborough	Plasmid	pDV	152
<i>Desulfovibrio vulgaris</i> str. 'Miyazaki F'	Chromosome		3180
<i>Dichelobacter nodosus</i>	Chromosome		1280

Dichelobacter nodosus VCS1703A	Chromosome		1280
Dickeya dadantii Ech586	Chromosome		4144
Dickeya dadantii Ech703	Chromosome		3970
Dickeya zeae Ech1591	Chromosome		4163
Dictyoglomus thermophilum H-6-12	Chromosome		1913
Dictyoglomus turgidum DSM 6724	Chromosome		1744
Dinoroseobacter shibae DFL 12	Chromosome		3584
Dinoroseobacter shibae DFL 12	Plasmid	pDSHI01	197
Dinoroseobacter shibae DFL 12	Plasmid	pDSHI02	137
Dinoroseobacter shibae DFL 12	Plasmid	pDSHI03	135
Dinoroseobacter shibae DFL 12	Plasmid	pDSHI04	68
Dinoroseobacter shibae DFL 12	Plasmid	pDSHI05	73
Dyadobacter fermentans DSM 18053	Chromosome		5719
Edwardsiella ictaluri 93-146	Chromosome		3784
Edwardsiella tarda EIB202	Chromosome		3536
Edwardsiella tarda EIB202	Plasmid	pEIB202	53
Eggerthella lenta DSM 2243	Chromosome		3070
Ehrlichia canis str. Jake	Chromosome		925
Ehrlichia chaffeensis str. Arkansas	Chromosome		1105
Ehrlichia ruminantium str. Gardel	Chromosome		950
Ehrlichia ruminantium str. Welgevonden	Chromosome		920
Ehrlichia ruminantium str. Welgevonden	Chromosome		958
Elusimicrobium minutum Pei191	Chromosome		1529
Enterobacter sp. 638	Chromosome		4115
Enterobacter sp. 638	Plasmid	pENTE01	125
Enterococcus faecalis V583	Chromosome		3113
Enterococcus faecalis V583	Plasmid	pTEF1	72
Enterococcus faecalis V583	Plasmid	pTEF2	62
Enterococcus faecalis V583	Plasmid	pTEF3	18
Erwinia tasmaniensis	Chromosome		3484
Erwinia tasmaniensis	Plasmid	pET09	7
Erwinia tasmaniensis	Plasmid	pET35	42
Erwinia tasmaniensis	Plasmid	pET45	46
Erwinia tasmaniensis	Plasmid	pET46	56
Erwinia tasmaniensis	Plasmid	pET49	61
Erythrobacter litoralis HTCC2594	Chromosome		3011
Escherichia coli 536	Chromosome		4686
Escherichia coli 55989	Chromosome		4437
Escherichia coli 55989	Chromosome		4832
Escherichia coli 55989	Chromosome		4875
Escherichia coli 55989	Chromosome		4900
Escherichia coli 55989	Chromosome		4907
Escherichia coli 55989	Chromosome		5101

Escherichia coli 55989	Plasmid	p1ESCUM	150
Escherichia coli 55989	Plasmid	p2ESCUM	49
Escherichia coli 55989	Plasmid	pECOED	147
Escherichia coli 55989	Plasmid	pECOS88	144
Escherichia coli APEC O1	Chromosome		4470
Escherichia coli APEC O1	Plasmid	pAPEC-O1-CoIBM	199
Escherichia coli APEC O1	Plasmid	pAPEC-O1-R	224
Escherichia coli ATCC 8739	Chromosome		4200
Escherichia coli BL21	Chromosome		4234
Escherichia coli BL21(DE3)	Chromosome		4157
Escherichia coli BL21(DE3)	Chromosome		4228
Escherichia coli B str. REL606	Chromosome		4209
Escherichia coli BW2952	Chromosome		4084
Escherichia coli DH1	Chromosome		4160
Escherichia coli E24377A	Chromosome		4755
Escherichia coli E24377A	Plasmid	pETEC_35	29
Escherichia coli E24377A	Plasmid	pETEC_5	3
Escherichia coli E24377A	Plasmid	pETEC_6	5
Escherichia coli E24377A	Plasmid	pETEC_73	68
Escherichia coli E24377A	Plasmid	pETEC_74	69
Escherichia coli E24377A	Plasmid	pETEC_80	68
Escherichia coli HS	Chromosome		4384
Escherichia coli O103:H2 str. 12009	Chromosome		5260
Escherichia coli O103:H2 str. 12009	Plasmid	pO103	89
Escherichia coli O111:H- str. 11128	Chromosome		5260
Escherichia coli O111:H- str. 11128	Plasmid	pO111_1	231
Escherichia coli O111:H- str. 11128	Plasmid	pO111_2	125
Escherichia coli O111:H- str. 11128	Plasmid	pO111_3	90
Escherichia coli O111:H- str. 11128	Plasmid	pO111_4	10
Escherichia coli O111:H- str. 11128	Plasmid	pO111_5	10
Escherichia coli O127:H6 str. E2348/69	Chromosome		4700
Escherichia coli O127:H6 str. E2348/69	Plasmid	pE2348-2	9
Escherichia coli O127:H6 str. E2348/69	Plasmid	pMAR2	112
Escherichia coli O157:H7 EDL933	Chromosome		5351
Escherichia coli O157:H7 EDL933	Plasmid	pO157	103
Escherichia coli O157:H7 str. EC4115	Chromosome		5315
Escherichia coli O157:H7 str. EC4115	Plasmid	pEC4115	54
Escherichia coli O157:H7 str. EC4115	Plasmid	pO157	108

Escherichia coli O157:H7 str. Sakai	Chromosome		5375
Escherichia coli O157:H7 str. Sakai	Plasmid	pO157	84
Escherichia coli O157:H7 str. Sakai	Plasmid	pOSAK1	3
Escherichia coli O157:H7 str. TW14359	Chromosome		5263
Escherichia coli O157:H7 str. TW14359	Plasmid	pO157	110
Escherichia coli O26:H11 str. 11368	Chromosome		5604
Escherichia coli O26:H11 str. 11368	Plasmid	pO26_1	92
Escherichia coli O26:H11 str. 11368	Plasmid	pO26_2	84
Escherichia coli O26:H11 str. 11368	Plasmid	pO26_3	6
Escherichia coli O26:H11 str. 11368	Plasmid	pO26_4	3
Escherichia coli O6	Chromosome		5385
Escherichia coli SE11	Chromosome		4679
Escherichia coli SE11	Plasmid	pSE11-1	124
Escherichia coli SE11	Plasmid	pSE11-2	112
Escherichia coli SE11	Plasmid	pSE11-3	67
Escherichia coli SE11	Plasmid	pSE11-4	10
Escherichia coli SE11	Plasmid	pSE11-5	7
Escherichia coli SE11	Plasmid	pSE11-6	3
Escherichia coli SMS-3-5	Chromosome		4743
Escherichia coli SMS-3-5	Plasmid	pSMS35_130	153
Escherichia coli SMS-3-5	Plasmid	pSMS35_3	3
Escherichia coli SMS-3-5	Plasmid	pSMS35_4	4
Escherichia coli SMS-3-5	Plasmid	pSMS35_8	10
Escherichia coli str. K-12 substr. DH10B	Chromosome		4192
Escherichia coli str. K-12 substr. MG1655	Chromosome		4319
Escherichia coli str. K-12 substr. MG1655	Plasmid	F	106
Escherichia coli str. K-12 substr. W3110	Chromosome		4310
Escherichia coli UTI89	Chromosome		5067
Escherichia coli UTI89	Plasmid	pUTI89	145
Escherichia fergusonii ATCC 35469	Chromosome		4315
Escherichia fergusonii ATCC 35469	Plasmid	pEFER	58
Eubacterium eligens ATCC 27750	Chromosome		2004
Eubacterium eligens ATCC 27750	Plasmid	unnamed1	97
Eubacterium eligens ATCC 27750	Plasmid	unnamed2	664
Eubacterium rectale ATCC 33656	Chromosome		3626

Exiguobacterium sibiricum 255-15	Chromosome		3007
Exiguobacterium sibiricum 255-15	Plasmid	pEXIG01	5
Exiguobacterium sibiricum 255-15	Plasmid	pEXIG02	3
Exiguobacterium sp. AT1b	Chromosome		3020
Fervidobacterium nodosum Rt17-B1	Chromosome		1750
Fibrobacter succinogenes subsp. succinogenes S85	Chromosome		3085
Finegoldia magna ATCC 29328	Chromosome		1631
Finegoldia magna ATCC 29328	Plasmid	pFMC	182
Flavobacteriaceae bacterium 3519-10	Chromosome		2534
Flavobacterium johnsoniae UW101	Chromosome		5017
Flavobacterium psychrophilum JIP02/86	Chromosome		2432
Francisella novicida U112	Chromosome		1719
Francisella philomiragia subsp. philomiragia ATCC 25017	Chromosome		1911
Francisella philomiragia subsp. philomiragia ATCC 25017	Plasmid	pFPHI01	4
Francisella tularensis subsp. holarctica FTNF002-00	Chromosome		1580
Francisella tularensis subsp. holarctica LVS	Chromosome		1961
Francisella tularensis subsp. holarctica OSU18	Chromosome		1555
Francisella tularensis subsp. mediasiatica FSC147	Chromosome		1406
Francisella tularensis subsp. tularensis FSC198	Chromosome		1795
Francisella tularensis subsp. tularensis NE061598	Chromosome		1836
Francisella tularensis subsp. tularensis SCHU S4	Chromosome		1793
Francisella tularensis subsp. tularensis WY96-3418	Chromosome		1634
Frankia alni ACN14a	Chromosome		6721
Frankia sp. CcI3	Chromosome		4499
Frankia sp. EAN1pec	Chromosome		7191
Fusobacterium nucleatum subsp. nucleatum ATCC 25586	Chromosome		2068
Gemmatimonas aurantiaca T-27	Chromosome		3935
Geobacillus kaustophilus HTA426	Chromosome		3498
Geobacillus kaustophilus HTA426	Plasmid	pHTA426	42
Geobacillus sp. WCH70	Chromosome		3128
Geobacillus sp. WCH70	Plasmid	pWCH7001	31
Geobacillus sp. WCH70	Plasmid	pWCH7002	9
Geobacillus sp. Y412MC61	Chromosome		3407

Geobacillus sp. Y412MC61	Plasmid	pGYMC6101	39
Geobacillus thermodenitrificans NG80-2	Chromosome		3392
Geobacillus thermodenitrificans NG80-2	Plasmid	pLW1071	53
Geobacter bemidjiensis Bem	Chromosome		4018
Geobacter lovleyi SZ	Chromosome		3606
Geobacter lovleyi SZ	Plasmid	pGLOV01	79
Geobacter metallireducens GS-15	Chromosome		3519
Geobacter metallireducens GS-15	Plasmid	pGS-15	13
Geobacter sp. FRC-32	Chromosome		3798
Geobacter sp. M21	Chromosome		4080
Geobacter sulfurreducens PCA	Chromosome		3447
Geobacter uraniireducens Rf4	Chromosome		4357
Gloeobacter violaceus PCC 7421	Chromosome		4431
Gluconacetobacter diazotrophicus PAI 5	Chromosome		3472
Gluconacetobacter diazotrophicus PAI 5	Chromosome		3854
Gluconacetobacter diazotrophicus PAI 5	Plasmid	pGDIA01	29
Gluconacetobacter diazotrophicus PAI 5	Plasmid	pGDIPaI5I	53
Gluconacetobacter diazotrophicus PAI 5	Plasmid	pGDIPaI5II	21
Gluconobacter oxydans 621H	Chromosome		2430
Gluconobacter oxydans 621H	Plasmid	pGOX1	163
Gluconobacter oxydans 621H	Plasmid	pGOX2	29
Gluconobacter oxydans 621H	Plasmid	pGOX3	18
Gluconobacter oxydans 621H	Plasmid	pGOX4	18
Gluconobacter oxydans 621H	Plasmid	pGOX5	4
Gordonia bronchialis DSM 43247	Chromosome		4616
Gramella forsetii KT0803	Chromosome		3584
Granulibacter bethesdensis CGDNIH1	Chromosome		2437
Haemophilus ducreyi 35000HP	Chromosome		1717
Haemophilus influenzae 86-028NP	Chromosome		1793
Haemophilus influenzae PittEE	Chromosome		1619
Haemophilus influenzae PittGG	Chromosome		1667
Haemophilus influenzae Rd KW20	Chromosome		1710
Haemophilus parasuis SH0165	Chromosome		2021
Haemophilus somnus 129PT	Chromosome		1792
Haemophilus somnus 129PT	Plasmid	pHS129	6
Haemophilus somnus 2336	Chromosome		1980
Hahella chejuensis KCTC 2396	Chromosome		6781
Haliangium ochraceum DSM 14365	Chromosome		6719
Halorhodospira halophila SL1	Chromosome		2407

<i>Halothermothrix orenii</i> H 168	Chromosome		2342
<i>Halothiobacillus neapolitanus</i> c2	Chromosome		2357
<i>Helicobacter acinonychis</i> str. Sheeba	Chromosome		1612
<i>Helicobacter acinonychis</i> str. Sheeba	Plasmid	pHac1	6
<i>Helicobacter hepaticus</i> ATCC 51449	Chromosome		1875
<i>Helicobacter pylori</i> 26695	Chromosome		1569
<i>Helicobacter pylori</i> 51	Chromosome		1415
<i>Helicobacter pylori</i> 52	Chromosome		1405
<i>Helicobacter pylori</i> B38	Chromosome		1527
<i>Helicobacter pylori</i> G27	Chromosome		1493
<i>Helicobacter pylori</i> G27	Plasmid	pHPG27	11
<i>Helicobacter pylori</i> HPAG1	Chromosome		1536
<i>Helicobacter pylori</i> HPAG1	Plasmid	pHPAG1	8
<i>Helicobacter pylori</i> J99	Chromosome		1491
<i>Helicobacter pylori</i> P12	Chromosome		1568
<i>Helicobacter pylori</i> P12	Plasmid	HPP12	11
<i>Helicobacter pylori</i> Shi470	Chromosome		1569
<i>Heliobacterium modesticaldum</i> Ice1	Chromosome		3000
<i>Herminiimonas arsenicoxydans</i>	Chromosome		3282
<i>Herpetosiphon aurantiacus</i> ATCC 23779	Chromosome		4976
<i>Herpetosiphon aurantiacus</i> ATCC 23779	Plasmid	pHAU01	231
<i>Herpetosiphon aurantiacus</i> ATCC 23779	Plasmid	pHAU02	71
<i>Hirschia baltica</i> ATCC 49814	Chromosome		3119
<i>Hirschia baltica</i> ATCC 49814	Plasmid	pHba101	68
<i>Hydrogenobaculum</i> sp. Y04AAS1	Chromosome		1629
<i>Hyphomonas neptunium</i> ATCC 15444	Chromosome		3505
<i>Idiomarina loihiensis</i> L2TR	Chromosome		2628
<i>Jannaschia</i> sp. CCS1	Chromosome		4212
<i>Jannaschia</i> sp. CCS1	Plasmid	pCCS1	71
<i>Janthinobacterium</i> sp. Marseille	Chromosome		3697
<i>Jonesia denitrificans</i> DSM 20603	Chromosome		2511
<i>Kangiella koreensis</i> DSM 16069	Chromosome		2632
<i>Kineococcus radiotolerans</i> SRS30216	Chromosome		4480
<i>Kineococcus radiotolerans</i> SRS30216	Plasmid	pKRAD01	184
<i>Kineococcus radiotolerans</i> SRS30216	Plasmid	pKRAD02	17
<i>Klebsiella pneumoniae</i> 342	Chromosome		5425
<i>Klebsiella pneumoniae</i> 342	Plasmid	pKP187	230
<i>Klebsiella pneumoniae</i> 342	Plasmid	pKP91	113
<i>Klebsiella pneumoniae</i> subsp. <i>pneumoniae</i> MGH 78578	Chromosome		4776
<i>Klebsiella pneumoniae</i> subsp. <i>pneumoniae</i> MGH 78578	Plasmid	pKPN3	178

<i>Klebsiella pneumoniae</i> subsp. pneumoniae MGH 78578	Plasmid	pKPN3	178
<i>Klebsiella pneumoniae</i> subsp. pneumoniae MGH 78578	Plasmid	pKPN4	123
<i>Klebsiella pneumoniae</i> subsp. pneumoniae MGH 78578	Plasmid	pKPN5	98
<i>Klebsiella pneumoniae</i> subsp. pneumoniae MGH 78578	Plasmid	pKPN6	5
<i>Klebsiella pneumoniae</i> subsp. pneumoniae MGH 78578	Plasmid	pKPN7	5
<i>Kocuria rhizophila</i> DC2201	Chromosome		2356
<i>Kosmotoga olearia</i> TBF 19.5.1	Chromosome		2118
<i>Kytococcus sedentarius</i> DSM 20547	Chromosome		2554
<i>Lactobacillus acidophilus</i> NCFM	Chromosome		1862
<i>Lactobacillus brevis</i> ATCC 367	Chromosome		2185
<i>Lactobacillus brevis</i> ATCC 367	Plasmid	pLVIS1	11
<i>Lactobacillus brevis</i> ATCC 367	Plasmid	pLVIS2	22
<i>Lactobacillus casei</i> ATCC 334	Chromosome		2751
<i>Lactobacillus casei</i> ATCC 334	Plasmid	pLSEI1	20
<i>Lactobacillus casei</i> BL23	Chromosome		3042
<i>Lactobacillus delbrueckii</i> subsp. bulgaricus ATCC 11842	Chromosome		2085
<i>Lactobacillus delbrueckii</i> subsp. bulgaricus ATCC BAA-365	Chromosome		1721
<i>Lactobacillus fermentum</i> IFO 3956	Chromosome		1843
<i>Lactobacillus gasseri</i> ATCC 33323	Chromosome		1755
<i>Lactobacillus helveticus</i> DPC 4571	Chromosome		1610
<i>Lactobacillus johnsonii</i> FI9785	Chromosome		1710
<i>Lactobacillus johnsonii</i> FI9785	Plasmid	p9785L	25
<i>Lactobacillus johnsonii</i> FI9785	Plasmid	p9785S	2
<i>Lactobacillus johnsonii</i> NCC 533	Chromosome		1821
<i>Lactobacillus plantarum</i> JDM1	Chromosome		2948
<i>Lactobacillus plantarum</i> WCFS1	Chromosome		3050
<i>Lactobacillus plantarum</i> WCFS1	Plasmid	pWCFS101	3
<i>Lactobacillus plantarum</i> WCFS1	Plasmid	pWCFS102	4
<i>Lactobacillus plantarum</i> WCFS1	Plasmid	pWCFS103	43
<i>Lactobacillus reuteri</i> F275	Chromosome		1820
<i>Lactobacillus reuteri</i> F275	Chromosome		1900
<i>Lactobacillus rhamnosus</i> GG	Chromosome		2834
<i>Lactobacillus rhamnosus</i> GG	Chromosome		2944
<i>Lactobacillus rhamnosus</i> Lc 705	Chromosome		2913
<i>Lactobacillus rhamnosus</i> Lc 705	Plasmid	pLC1	79
<i>Lactobacillus sakei</i> subsp. sakei 23K	Chromosome		1883
<i>Lactobacillus salivarius</i> UCC118	Chromosome		1717
<i>Lactobacillus salivarius</i> UCC118	Plasmid	pMP118	222
<i>Lactobacillus salivarius</i> UCC118	Plasmid	pSF118-20	27
<i>Lactobacillus salivarius</i> UCC118	Plasmid	pSF118-44	48
<i>Lactococcus lactis</i> subsp.	Chromosome		2515

Lactococcus lactis subsp. cremoris SK11	Chromosome		2384
Lactococcus lactis subsp. cremoris SK11	Plasmid	pLACR1	10
Lactococcus lactis subsp. cremoris SK11	Plasmid	pLACR2	6
Lactococcus lactis subsp. cremoris SK11	Plasmid	pLACR3	61
Lactococcus lactis subsp. cremoris SK11	Plasmid	pLACR4	35
Lactococcus lactis subsp. cremoris SK11	Plasmid	pLACR5	8
Lactococcus lactis subsp. lactis Il1403	Chromosome		2266
Lactococcus lactis subsp. lactis KF147	Chromosome		2537
Lactococcus lactis subsp. lactis KF147	Plasmid	pKF147A	38
Laribacter hongkongensis HLHK9	Chromosome		3238
Lawsonia intracellularis PHE/MN1-00	Chromosome		1185
Lawsonia intracellularis PHE/MN1-00	Plasmid	pLaw1	29
Lawsonia intracellularis PHE/MN1-00	Plasmid	pLaw2	24
Lawsonia intracellularis PHE/MN1-00	Plasmid	pLaw3	104
Legionella pneumophila str. Corby	Chromosome		3204
Legionella pneumophila str. Lens	Chromosome		2944
Legionella pneumophila str. Lens	Plasmid	pLPL	57
Legionella pneumophila str. Paris	Chromosome		3076
Legionella pneumophila str. Paris	Plasmid	pLPP	142
Legionella pneumophila subsp. pneumophila str. Philadelphia 1	Chromosome		2942
Leifsonia xyli subsp. xyli str. CTCB07	Chromosome		2030
Leptospira biflexa serovar Patoc strain 'Patoc 1 (Ames)'	Chromosome	I	3277
Leptospira biflexa serovar Patoc strain 'Patoc 1 (Ames)'	Chromosome	II	266
Leptospira biflexa serovar Patoc strain 'Patoc 1 (Ames)'	Plasmid	p74	57
Leptospira biflexa serovar Patoc strain 'Patoc 1 (Paris)'	Chromosome	I	3391
Leptospira biflexa serovar Patoc strain 'Patoc 1 (Paris)'	Chromosome	II	276
Leptospira biflexa serovar Patoc strain 'Patoc 1 (Paris)'	Plasmid	p74	59
Leptospira borgpetersenii serovar Hardjo-bovis JB197	Chromosome	1	2645

<i>Leptospira borgpetersenii</i> serovar Hardjo-bovis JB197	Chromosome	2	235
<i>Leptospira borgpetersenii</i> serovar Hardjo-bovis L550	Chromosome	1	2703
<i>Leptospira borgpetersenii</i> serovar Hardjo-bovis L550	Chromosome	2	242
<i>Leptospira interrogans</i> serovar Copenhageni str. Fiocruz L1-130	Chromosome	I	3394
<i>Leptospira interrogans</i> serovar Copenhageni str. Fiocruz L1-130	Chromosome	II	265
<i>Leptospira interrogans</i> serovar Lai str. 56601	Chromosome	I	4359
<i>Leptospira interrogans</i> serovar Lai str. 56601	Chromosome	II	367
<i>Leptothrix cholodnii</i> SP-6	Chromosome		4363
<i>Leptotrichia buccalis</i> C-1013-b	Chromosome		2220
<i>Leuconostoc citreum</i> KM20	Chromosome		1704
<i>Leuconostoc citreum</i> KM20	Plasmid	pLCK1	49
<i>Leuconostoc citreum</i> KM20	Plasmid	pLCK2	36
<i>Leuconostoc citreum</i> KM20	Plasmid	pLCK3	20
<i>Leuconostoc citreum</i> KM20	Plasmid	pLCK4	13
<i>Leuconostoc mesenteroides</i> subsp. <i>mesenteroides</i> ATCC 8293	Chromosome		1970
<i>Leuconostoc mesenteroides</i> subsp. <i>mesenteroides</i> ATCC 8293	Plasmid	pLEUM1	35
<i>Listeria innocua</i> Clip11262	Chromosome		2978
<i>Listeria innocua</i> Clip11262	Plasmid	pLI100	80
<i>Listeria monocytogenes</i> Clip80459	Chromosome		2790
<i>Listeria monocytogenes</i> EGD-e	Chromosome		2852
<i>Listeria monocytogenes</i> HCC23	Chromosome		2974
<i>Listeria monocytogenes</i> str. 4b F2365	Chromosome		2821
<i>Listeria welshimeri</i> serovar 6b str. SLCC5334	Chromosome		2780
<i>Lysinibacillus sphaericus</i> C3-41	Chromosome		4584
<i>Lysinibacillus sphaericus</i> C3-41	Plasmid	pBsph	187
<i>Macrococcus caseolyticus</i> JCSC5402	Chromosome		1959
<i>Macrococcus caseolyticus</i> JCSC5402	Plasmid	pMCCL1	14
<i>Macrococcus caseolyticus</i> JCSC5402	Plasmid	pMCCL2	69
<i>Macrococcus caseolyticus</i> JCSC5402	Plasmid	pMCCL3	1
<i>Macrococcus caseolyticus</i> JCSC5402	Plasmid	pMCCL4	2
<i>Macrococcus caseolyticus</i> JCSC5402	Plasmid	pMCCL5	4
<i>Macrococcus caseolyticus</i> JCSC5402	Plasmid	pMCCL6	4

Macrocooccus caseolyticus JCSC5402	Plasmid	pMCCL7	5
Macrocooccus caseolyticus JCSC5402	Plasmid	pMCCL8	3
Magnetococcus sp. MC-1	Chromosome		3716
Magnetospirillum magneticum AMB-1	Chromosome		4559
Mannheimia succiniciproducens MBEL55E	Chromosome		2382
Maricaulis maris MCS10	Chromosome		3063
Marinobacter aquaeolei VT8	Chromosome		3858
Marinobacter aquaeolei VT8	Plasmid	pMAQU01	213
Marinobacter aquaeolei VT8	Plasmid	pMAQU02	201
Marinomonas sp. MWYL1	Chromosome		4439
Mesoplasma florum L1	Chromosome		683
Mesorhizobium loti MAFF303099	Chromosome		6751
Mesorhizobium loti MAFF303099	Plasmid	pMLa	320
Mesorhizobium loti MAFF303099	Plasmid	pMLb	209
Methylacidiphilum infernorum V4	Chromosome		2472
Methylibium petroleiphilum PM1	Chromosome		3819
Methylibium petroleiphilum PM1	Plasmid	RPME01	630
Methylobacillus flagellatus KT	Chromosome		2753
Methylobacterium chloromethanicum CM4	Chromosome		5173
Methylobacterium chloromethanicum CM4	Plasmid	pMCHL01	306
Methylobacterium chloromethanicum CM4	Plasmid	pMCHL02	37
Methylobacterium extorquens DM4	Chromosome		5755
Methylobacterium extorquens DM4	Plasmid	p1METDI	134
Methylobacterium extorquens DM4	Plasmid	p2METDI	40
Methylobacterium extorquens PA1	Chromosome		4829
Methylobacterium nodulans ORS 2060	Chromosome		7356
Methylobacterium nodulans ORS 2060	Plasmid	pMNOD01	402
Methylobacterium nodulans ORS 2060	Plasmid	pMNOD02	409
Methylobacterium nodulans ORS 2060	Plasmid	pMNOD03	53
Methylobacterium nodulans ORS 2060	Plasmid	pMNOD04	48
Methylobacterium nodulans ORS 2060	Plasmid	pMNOD05	21
Methylobacterium nodulans ORS 2060	Plasmid	pMNOD06	13
Methylobacterium nodulans	Plasmid	pMNOD07	7

Methylobacterium nodulans ORS 2060	Plasmid	pMNOD07	7
Methylobacterium populi BJ001	Chromosome		5314
Methylobacterium populi BJ001	Plasmid	pMPOP01	25
Methylobacterium populi BJ001	Plasmid	pMPOP02	26
Methylobacterium radiotolerans JCM 2831	Chromosome		5686
Methylobacterium radiotolerans JCM 2831	Plasmid	pMRAD01	507
Methylobacterium radiotolerans JCM 2831	Plasmid	pMRAD02	52
Methylobacterium radiotolerans JCM 2831	Plasmid	pMRAD03	43
Methylobacterium radiotolerans JCM 2831	Plasmid	pMRAD04	41
Methylobacterium radiotolerans JCM 2831	Plasmid	pMRAD05	31
Methylobacterium radiotolerans JCM 2831	Plasmid	pMRAD06	23
Methylobacterium radiotolerans JCM 2831	Plasmid	pMRAD07	21
Methylobacterium radiotolerans JCM 2831	Plasmid	pMRAD08	27
Methylobacterium sp. 4-46	Chromosome		6609
Methylobacterium sp. 4-46	Plasmid	pM44601	62
Methylobacterium sp. 4-46	Plasmid	pM44602	21
Methylocella silvestris BL2	Chromosome		3818
Methylococcus capsulatus str. Bath	Chromosome		2960
Methylotenera mobilis JLW8	Chromosome		2338
Methylovorus sp. SIP3-4	Chromosome		2818
Methylovorus sp. SIP3-4	Plasmid	pMsip01	79
Methylovorus sp. SIP3-4	Plasmid	pMsip02	13
Micrococcus luteus NCTC 2665	Chromosome		2236
Microcystis aeruginosa NIES- 843	Chromosome		6311
Moorella thermoacetica ATCC 39073	Chromosome		2463
Mycobacterium abscessus	Chromosome		4920
Mycobacterium abscessus	Plasmid	pMAB	22
Mycobacterium avium 104	Chromosome		5120
Mycobacterium avium subsp. paratuberculosis K-10	Chromosome		4350
Mycobacterium bovis AF2122/97	Chromosome		3935
Mycobacterium bovis BCG str. Pasteur 1173P2	Chromosome		3970
Mycobacterium bovis BCG str. Tokyo 172	Chromosome		3970
Mycobacterium gilvum PYR- GCK	Chromosome		5241
Mycobacterium gilvum PYR- GCK	Plasmid	pMFLV01	298
Mycobacterium gilvum PYR-	Plasmid	pMFLV02	24

Mycobacterium gilvum PYR-GCK	Plasmid	pMFLV03	16
Mycobacterium leprae Br4923	Chromosome		2711
Mycobacterium leprae TN	Chromosome		2711
Mycobacterium marinum M	Chromosome		5423
Mycobacterium marinum M	Plasmid	pMM23	29
Mycobacterium smegmatis str. MC2 155	Chromosome		6716
Mycobacterium sp. JLS	Chromosome		5739
Mycobacterium sp. KMS	Chromosome		5460
Mycobacterium sp. KMS	Plasmid	pMKMS01	283
Mycobacterium sp. KMS	Plasmid	pMKMS02	232
Mycobacterium sp. MCS	Chromosome		5391
Mycobacterium sp. MCS	Plasmid	pMCS1	224
Mycobacterium tuberculosis CDC1551	Chromosome		4212
Mycobacterium tuberculosis H37Ra	Chromosome		4032
Mycobacterium tuberculosis H37Rv	Chromosome		3991
Mycobacterium tuberculosis KZN 1435	Chromosome		4060
Mycobacterium ulcerans Agy99	Chromosome		4160
Mycobacterium ulcerans Agy99	Plasmid	pMUM001	81
Mycobacterium vanbaalenii PYR-1	Chromosome		5979
Mycoplasma agalactiae	Chromosome		756
Mycoplasma arthritidis 158L3-1	Chromosome		631
Mycoplasma capricolum subsp. capricolum ATCC 27343	Chromosome		813
Mycoplasma conjunctivae	Chromosome		696
Mycoplasma gallisepticum str. R(low)	Chromosome		763
Mycoplasma genitalium G37	Chromosome		483
Mycoplasma hominis	Chromosome		536
Mycoplasma hyopneumoniae 232	Chromosome		691
Mycoplasma hyopneumoniae 7448	Chromosome		698
Mycoplasma hyopneumoniae J	Chromosome		674
Mycoplasma mobile 163K	Chromosome		635
Mycoplasma mycoides subsp. mycoides SC str. PG1	Chromosome		1016
Mycoplasma penetrans HF-2	Chromosome		1037
Mycoplasma pneumoniae M129	Chromosome		686
Mycoplasma pulmonis UAB CTIP	Chromosome		782
Mycoplasma synoviae 53	Chromosome		681
Myxococcus xanthus DK 1622	Chromosome		7331
Nakamurella multipartita DSM 44233	Chromosome		5240
Natranaerobius thermophilus JW/NM-WN-LF	Chromosome		2882
Natranaerobius thermophilus	Plasmid	pNTHE01	14

Natranaerobius thermophilus JW/NM-WN-LF	Plasmid	pNTHE01	14
Natranaerobius thermophilus JW/NM-WN-LF	Plasmid	pNTHE02	10
Nautilia profundicola AmH	Chromosome		1730
Neisseria gonorrhoeae FA 1090	Chromosome		2002
Neisseria gonorrhoeae NCCP11945	Chromosome		2662
Neisseria gonorrhoeae NCCP11945	Plasmid	pNGK	12
Neisseria meningitidis	Chromosome		1921
Neisseria meningitidis 053442	Chromosome		2020
Neisseria meningitidis 8013	Chromosome		2125
Neisseria meningitidis FAM18	Chromosome		1971
Neisseria meningitidis MC58	Chromosome		2065
Neisseria meningitidis Z2491	Chromosome		1991
Neorickettsia risticii str. Illinois	Chromosome		898
Neorickettsia sennetsu str. Miyayama	Chromosome		932
Nitratiruptor sp. SB155-2	Chromosome		1856
Nitrobacter hamburgensis X14	Chromosome		3804
Nitrobacter hamburgensis X14	Plasmid	pNITHX1	239
Nitrobacter hamburgensis X14	Plasmid	pNITHX2	172
Nitrobacter hamburgensis X14	Plasmid	pNITHX3	111
Nitrobacter winogradskyi Nb-255	Chromosome		3122
Nitrosococcus oceani ATCC 19707	Chromosome		2976
Nitrosomonas europaea ATCC 19718	Chromosome		2565
Nitrosomonas eutropha C91	Chromosome		2444
Nitrosomonas eutropha C91	Plasmid	pNeutP1	55
Nitrosomonas eutropha C91	Plasmid	pNeutP2	52
Nitrospira multiformis ATCC 25196	Chromosome		2757
Nitrospira multiformis ATCC 25196	Plasmid	pNITMU1	17
Nitrospira multiformis ATCC 25196	Plasmid	pNITMU2	16
Nitrospira multiformis ATCC 25196	Plasmid	pNITMU3	15
Nocardia farcinica IFM 10152	Chromosome		5693
Nocardia farcinica IFM 10152	Plasmid	pNF1	160
Nocardia farcinica IFM 10152	Plasmid	pNF2	93
Nocardioides sp. JS614	Chromosome		4645
Nocardioides sp. JS614	Plasmid	pNOCA01	264
Nostoc punctiforme PCC 73102	Chromosome		6087
Nostoc punctiforme PCC 73102	Plasmid	pNPUN01	260
Nostoc punctiforme PCC 73102	Plasmid	pNPUN02	197
Nostoc punctiforme PCC 73102	Plasmid	pNPUN03	73
Nostoc punctiforme PCC 73102	Plasmid	pNPUN04	48
Nostoc punctiforme PCC 73102	Plasmid	pNPUN05	25
Nostoc sp. PCC 7120	Chromosome		5367

Nostoc sp. PCC 7120	Plasmid	pCC7120beta	186
Nostoc sp. PCC 7120	Plasmid	pCC7120delta	66
Nostoc sp. PCC 7120	Plasmid	pCC7120epsilon	31
Nostoc sp. PCC 7120	Plasmid	pCC7120gamma	90
Nostoc sp. PCC 7120	Plasmid	pCC7120zeta	5
Novosphingobium aromaticivorans DSM 12444	Chromosome		3324
Novosphingobium aromaticivorans DSM 12444	Plasmid	pNL1	182
Novosphingobium aromaticivorans DSM 12444	Plasmid	pNL2	431
Oceanobacillus iheyensis HTE831	Chromosome		3496
Ochrobactrum anthropi ATCC 49188	Chromosome	1	2731
Ochrobactrum anthropi ATCC 49188	Chromosome	2	1693
Ochrobactrum anthropi ATCC 49188	Plasmid	pOANT01	161
Ochrobactrum anthropi ATCC 49188	Plasmid	pOANT02	91
Ochrobactrum anthropi ATCC 49188	Plasmid	pOANT03	86
Ochrobactrum anthropi ATCC 49188	Plasmid	pOANT04	37
Oenococcus oeni PSU-1	Chromosome		1691
Oligotropha carboxidovorans OM5	Chromosome		3722
Oligotropha carboxidovorans OM5	Plasmid	pHCG3	125
Onion yellows phytoplasma OY-M	Chromosome		752
Onion yellows phytoplasma OY-M	Plasmid	EcOYM	6
Onion yellows phytoplasma OY-M	Plasmid	pOYM	1
Opitutus terrae PB90-1	Chromosome		4612
Orientia tsutsugamushi str. Boryong	Chromosome		2143
Orientia tsutsugamushi str. Ikeda	Chromosome		1967
Paenibacillus sp. JDR-2	Chromosome		6213
Parabacteroides distasonis ATCC 8503	Chromosome		3850
Paracoccus denitrificans PD1222	Chromosome	1	2800
Paracoccus denitrificans PD1222	Chromosome	2	1662
Paracoccus denitrificans PD1222	Plasmid	pPD1222	616
Parvibaculum lavamentivorans DS-1	Chromosome		3636
Pasteurella multocida subsp. multocida str. Pm70	Chromosome		2015
Pectobacterium atrosepticum	Chromosome		4491

Pectobacterium atrosepticum SCRI1043	Chromosome		4491
Pectobacterium carotovorum subsp. carotovorum PC1	Chromosome		4246
Pectobacterium wasabiae WPP163	Chromosome		4437
Pediococcus pentosaceus ATCC 25745	Chromosome		1755
Pedobacter heparinus DSM 2366	Chromosome		4252
Pelobacter carbinolicus DSM 2380	Chromosome		3353
Pelobacter propionicus DSM 2379	Chromosome		3576
Pelobacter propionicus DSM 2379	Plasmid	pPRO1	195
Pelobacter propionicus DSM 2379	Plasmid	pPRO2	33
Pelodictyon phaeoclathratiforme BU-1	Chromosome		2707
Pelotomaculum thermopropionicum SI	Chromosome		2918
Persephonella marina EX-H1	Chromosome		1981
Persephonella marina EX-H1	Plasmid	pPERMA01	70
Petrogoga mobilis SJ95	Chromosome		1898
Phenylobacterium zucineum HLK1	Chromosome		3529
Phenylobacterium zucineum HLK1	Plasmid	pHLK1	325
Photobacterium profundum	Chromosome	1	3416
Photobacterium profundum	Chromosome	2	1997
Photobacterium profundum	Plasmid	pPBPR1	67
Photorhabdus asymbiotica	Chromosome		4395
Photorhabdus asymbiotica	Plasmid	pPAU1	27
Photorhabdus luminescens subsp. laumondii TTO1	Chromosome		4897
Pirellula sp.	Chromosome		7325
Polaromonas naphthalenivorans CJ2	Chromosome		4084
Polaromonas naphthalenivorans CJ2	Plasmid	pPNAP01	305
Polaromonas naphthalenivorans CJ2	Plasmid	pPNAP02	161
Polaromonas naphthalenivorans CJ2	Plasmid	pPNAP03	155
Polaromonas naphthalenivorans CJ2	Plasmid	pPNAP04	136
Polaromonas naphthalenivorans CJ2	Plasmid	pPNAP05	52
Polaromonas naphthalenivorans CJ2	Plasmid	pPNAP06	20
Polaromonas naphthalenivorans CJ2	Plasmid	pPNAP07	11
Polaromonas naphthalenivorans CJ2	Plasmid	pPNAP08	5

Polaromonas sp. JS666	Plasmid	pPOLSJ1	326
Polaromonas sp. JS666	Plasmid	pPOLSJ2	310
Polynucleobacter necessarius subsp. asymbioticus QLW-P1DMWA-1	Chromosome		2077
Polynucleobacter necessarius subsp. necessarius STIR1	Chromosome		1508
Porphyromonas gingivalis ATCC 33277	Chromosome		2090
Porphyromonas gingivalis W83	Chromosome		1909
Prochlorococcus marinus str. AS9601	Chromosome		1921
Prochlorococcus marinus str. MIT 9211	Chromosome		1856
Prochlorococcus marinus str. MIT 9215	Chromosome		1984
Prochlorococcus marinus str. MIT 9301	Chromosome		1907
Prochlorococcus marinus str. MIT 9303	Chromosome		2997
Prochlorococcus marinus str. MIT 9312	Chromosome		1962
Prochlorococcus marinus str. MIT 9313	Chromosome		2909
Prochlorococcus marinus str. MIT 9515	Chromosome		1906
Prochlorococcus marinus str. NATL1A	Chromosome		2193
Prochlorococcus marinus str. NATL2A	Chromosome		2163
Prochlorococcus marinus subsp. marinus str. CCMP1375	Chromosome		1882
Prochlorococcus marinus subsp. pastoris str. CCMP1986	Chromosome		1958
Propionibacterium acnes KPA171202	Chromosome		2297
Prosthecochloris aestuarii DSM 271	Chromosome		2263
Prosthecochloris aestuarii DSM 271	Plasmid	pPAES01	64
Proteus mirabilis	Chromosome		3684
Proteus mirabilis	Plasmid	pHI4320	55
Pseudoalteromonas atlantica T6c	Chromosome		4281
Pseudoalteromonas haloplanktis TAC125	Chromosome	I	2941
Pseudoalteromonas haloplanktis TAC125	Chromosome	II	546
Pseudomonas aeruginosa LESB58	Chromosome		5963
Pseudomonas aeruginosa PA7	Chromosome		6286
Pseudomonas aeruginosa PAO1	Chromosome		5570
Pseudomonas aeruginosa UCBPP-PA14	Chromosome		5892
Pseudomonas entomophila L48	Chromosome		5166

<i>Pseudomonas fluorescens</i> Pf0-1	Chromosome		5722
<i>Pseudomonas fluorescens</i> Pf-5	Chromosome		6138
<i>Pseudomonas fluorescens</i> SBW25	Chromosome		6005
<i>Pseudomonas fluorescens</i> SBW25	Plasmid	pQBR103	478
<i>Pseudomonas mendocina</i> ymp	Chromosome		4594
<i>Pseudomonas putida</i> F1	Chromosome		5252
<i>Pseudomonas putida</i> GB-1	Chromosome		5409
<i>Pseudomonas putida</i> KT2440	Chromosome		5350
<i>Pseudomonas putida</i> W619	Chromosome		5182
<i>Pseudomonas stutzeri</i> A1501	Chromosome		4128
<i>Pseudomonas syringae</i> pv. phaseolicola 1448A	Chromosome		4984
<i>Pseudomonas syringae</i> pv. phaseolicola 1448A	Plasmid	large	126
<i>Pseudomonas syringae</i> pv. phaseolicola 1448A	Plasmid	small	60
<i>Pseudomonas syringae</i> pv. syringae B728a	Chromosome		5136
<i>Pseudomonas syringae</i> pv. tomato str. DC3000	Chromosome		5482
<i>Pseudomonas syringae</i> pv. tomato str. DC3000	Plasmid	pDC3000A	68
<i>Pseudomonas syringae</i> pv. tomato str. DC3000	Plasmid	pDC3000B	71
<i>Psychrobacter arcticus</i> 273-4	Chromosome		2147
<i>Psychrobacter cryohalolentis</i> K5	Chromosome		2467
<i>Psychrobacter</i> sp. PRwf-1	Chromosome		2370
<i>Psychrobacter</i> sp. PRwf-1	Plasmid	pRWF101	14
<i>Psychrobacter</i> sp. PRwf-1	Plasmid	pRWF102	1
<i>Psychromonas ingrahamii</i> 37	Chromosome		3545
<i>Ralstonia eutropha</i> H16	Chromosome	1	3651
<i>Ralstonia eutropha</i> H16	Chromosome	2	2555
<i>Ralstonia eutropha</i> H16	Plasmid	megaplasmid pHG1	420
<i>Ralstonia eutropha</i> JMP134	Chromosome	1	3439
<i>Ralstonia eutropha</i> JMP134	Chromosome	2	2407
<i>Ralstonia eutropha</i> JMP134	Plasmid	megaplasmid Reut	512
<i>Ralstonia eutropha</i> JMP134	Plasmid	pReut1	88
<i>Ralstonia pickettii</i> 12D	Chromosome	1	3411
<i>Ralstonia pickettii</i> 12D	Chromosome	2	1180
<i>Ralstonia pickettii</i> 12D	Plasmid	pRp12D01	427
<i>Ralstonia pickettii</i> 12D	Plasmid	pRp12D02	276
<i>Ralstonia pickettii</i> 12D	Plasmid	pRp12D03	67
<i>Ralstonia pickettii</i> 12J	Chromosome	1	3709
<i>Ralstonia pickettii</i> 12J	Chromosome	2	1153
<i>Ralstonia pickettii</i> 12J	Plasmid	pRPIC01	90
<i>Ralstonia solanacearum</i> GMI1000	Chromosome		3439
<i>Ralstonia solanacearum</i> GMI1000	Plasmid	megaplasmid Rsp	1679

Renibacterium salmoninarum ATCC 33209	Chromosome		3507
Rhizobium etli CFN 42	Chromosome		4063
Rhizobium etli CFN 42	Plasmid	p42a	181
Rhizobium etli CFN 42	Plasmid	p42b	164
Rhizobium etli CFN 42	Plasmid	p42c	234
Rhizobium etli CFN 42	Plasmid	p42e	458
Rhizobium etli CFN 42	Plasmid	p42f	573
Rhizobium etli CFN 42	Plasmid	sym p42d	336
Rhizobium etli CIAT 652	Chromosome		4358
Rhizobium etli CIAT 652	Plasmid	pA	383
Rhizobium etli CIAT 652	Plasmid	pB	375
Rhizobium etli CIAT 652	Plasmid	pC	988
Rhizobium leguminosarum bv. trifolii WSM1325	Chromosome		4565
Rhizobium leguminosarum bv. trifolii WSM1325	Plasmid	pR132501	737
Rhizobium leguminosarum bv. trifolii WSM1325	Plasmid	pR132502	624
Rhizobium leguminosarum bv. trifolii WSM1325	Plasmid	pR132503	494
Rhizobium leguminosarum bv. trifolii WSM1325	Plasmid	pR132504	306
Rhizobium leguminosarum bv. trifolii WSM1325	Plasmid	pR132505	275
Rhizobium leguminosarum bv. trifolii WSM2304	Chromosome		4325
Rhizobium leguminosarum bv. trifolii WSM2304	Plasmid	pRLG201	1161
Rhizobium leguminosarum bv. trifolii WSM2304	Plasmid	pRLG202	450
Rhizobium leguminosarum bv. trifolii WSM2304	Plasmid	pRLG203	256
Rhizobium leguminosarum bv. trifolii WSM2304	Plasmid	pRLG204	223
Rhizobium leguminosarum bv. viciae 3841	Chromosome		4734
Rhizobium leguminosarum bv. viciae 3841	Plasmid	pRL10	461
Rhizobium leguminosarum bv. viciae 3841	Plasmid	pRL11	631
Rhizobium leguminosarum bv. viciae 3841	Plasmid	pRL12	789
Rhizobium leguminosarum bv. viciae 3841	Plasmid	pRL7	183
Rhizobium leguminosarum bv. viciae 3841	Plasmid	pRL8	142
Rhizobium leguminosarum bv. viciae 3841	Plasmid	pRL9	313
Rhizobium sp. NGR234	Chromosome		3633
Rhizobium sp. NGR234	Plasmid	sym pNGR234a	405
Rhizobium sp. NGR234	Plasmid	sym pNGR234b	2328
Rhodobacter sphaeroides 2.4.1	Chromosome	1	3022
Rhodobacter sphaeroides 2.4.1	Chromosome	2	835

Rhodobacter sphaeroides 2.4.1	Plasmid	pRS241b	100
Rhodobacter sphaeroides 2.4.1	Plasmid	pRS241c	82
Rhodobacter sphaeroides 2.4.1	Plasmid	pRS241d	87
Rhodobacter sphaeroides ATCC 17025	Chromosome		3111
Rhodobacter sphaeroides ATCC 17025	Plasmid	pRSPA01	802
Rhodobacter sphaeroides ATCC 17025	Plasmid	pRSPA02	268
Rhodobacter sphaeroides ATCC 17025	Plasmid	pRSPA03	109
Rhodobacter sphaeroides ATCC 17025	Plasmid	pRSPA04	31
Rhodobacter sphaeroides ATCC 17025	Plasmid	pRSPA05	12
Rhodobacter sphaeroides ATCC 17029	Chromosome	1	2973
Rhodobacter sphaeroides ATCC 17029	Chromosome	2	1052
Rhodobacter sphaeroides ATCC 17029	Plasmid	pRSPH01	107
Rhodobacter sphaeroides KD131	Chromosome	1	3101
Rhodobacter sphaeroides KD131	Chromosome	2	1224
Rhodobacter sphaeroides KD131	Plasmid	pRSKD131A	142
Rhodobacter sphaeroides KD131	Plasmid	pRSKD131B	102
Rhodococcus erythropolis PR4	Chromosome		6034
Rhodococcus erythropolis PR4	Plasmid	pREC1	102
Rhodococcus erythropolis PR4	Plasmid	pREC2	3
Rhodococcus erythropolis PR4	Plasmid	pREL1	298
Rhodococcus jostii RHA1	Chromosome		7211
Rhodococcus jostii RHA1	Plasmid	pRHL1	1146
Rhodococcus jostii RHA1	Plasmid	pRHL2	454
Rhodococcus jostii RHA1	Plasmid	pRHL3	334
Rhodococcus opacus B4	Chromosome		7252
Rhodococcus opacus B4	Plasmid	pKNR	102
Rhodococcus opacus B4	Plasmid	pKNR01	6
Rhodococcus opacus B4	Plasmid	pKNR02	2
Rhodococcus opacus B4	Plasmid	pROB01	593
Rhodococcus opacus B4	Plasmid	pROB02	248
Rhodoferax ferrireducens T118	Chromosome		4170
Rhodoferax ferrireducens T118	Plasmid	pDSM15236	248
Rhodopseudomonas palustris BisA53	Chromosome		4878
Rhodopseudomonas palustris BisB18	Chromosome		4886
Rhodopseudomonas palustris BisB5	Chromosome		4397
Rhodopseudomonas palustris CGA009	Chromosome		4833
Rhodopseudomonas palustris	Plasmid	pRPA	7

Rhodopseudomonas palustris CGA009	Plasmid	pRPA	7
Rhodopseudomonas palustris HaA2	Chromosome		4683
Rhodopseudomonas palustris TIE-1	Chromosome		5246
Rhodospirillum centenum SW	Chromosome		4036
Rhodospirillum rubrum ATCC 11170	Chromosome		3791
Rhodospirillum rubrum ATCC 11170	Plasmid	pRHORT	50
Rhodothermus marinus DSM 4252	Chromosome		2766
Rhodothermus marinus DSM 4252	Plasmid	pRMAR01	97
Rickettsia africae ESF-5	Chromosome		1030
Rickettsia africae ESF-5	Plasmid	pRAF	11
Rickettsia akari str. Hartford	Chromosome		1258
Rickettsia bellii OSU 85-389	Chromosome		1475
Rickettsia bellii RML369-C	Chromosome		1429
Rickettsia canadensis str. McKiel	Chromosome		1092
Rickettsia conorii str. Malish 7	Chromosome		1374
Rickettsia felis URRWXCa2	Chromosome		1398
Rickettsia felis URRWXCa2	Plasmid	pRF	68
Rickettsia felis URRWXCa2	Plasmid	pRFdelta	44
Rickettsia massiliae MTU5	Chromosome		968
Rickettsia massiliae MTU5	Plasmid	pRMA	12
Rickettsia peacockii str. Rustic	Chromosome		927
Rickettsia peacockii str. Rustic	Plasmid	pRPR	20
Rickettsia prowazekii str. Madrid E	Chromosome		832
Rickettsia rickettsii str. Iowa	Chromosome		1384
Rickettsia rickettsii str. 'Sheila Smith'	Chromosome		1344
Rickettsia typhi str. Wilmington	Chromosome		838
Roseiflexus castenholzii DSM 13941	Chromosome		4330
Roseiflexus sp. RS-1	Chromosome		4517
Roseobacter denitrificans OCh 114	Chromosome		3959
Roseobacter denitrificans OCh 114	Plasmid	pTB1	105
Roseobacter denitrificans OCh 114	Plasmid	pTB2	56
Roseobacter denitrificans OCh 114	Plasmid	pTB3	16
Roseobacter denitrificans OCh 114	Plasmid	pTB4	6
Rubroacter xylanophilus DSM 9941	Chromosome		3140
Ruegeria pomeroyi DSS-3	Chromosome		3810
Ruegeria pomeroyi DSS-3	Plasmid	megaplasmid Spo	442

Ruegeria sp. TM1040	Plasmid	megaplasmid TM1040	728
Ruegeria sp. TM1040	Plasmid	pTM1040	106
Saccharomonospora viridis DSM 43017	Chromosome		3828
Saccharophagus degradans 2- 40	Chromosome		4007
Saccharopolyspora erythraea NRRL 2338	Chromosome		7198
Salinibacter ruber DSM 13855	Chromosome		2801
Salinibacter ruber DSM 13855	Plasmid	pSR35	32
Salinispota arenicola CNS-205	Chromosome		4917
Salinispota tropica CNB-440	Chromosome		4536
Salmonella enterica subsp. arizonae serovar 62:z4,z23:--	Chromosome		4510
Salmonella enterica subsp. enterica serovar Agona str. SL483	Chromosome		4562
Salmonella enterica subsp. enterica serovar Agona str. SL483	Plasmid	pSL483	52
Salmonella enterica subsp. enterica serovar Choleraesuis str. SC-B67	Chromosome		4448
Salmonella enterica subsp. enterica serovar Choleraesuis str. SC-B67	Plasmid	pSC138	170
Salmonella enterica subsp. enterica serovar Choleraesuis str. SC-B67	Plasmid	pSCV50	51
Salmonella enterica subsp. enterica serovar Dublin str. CT_02021853	Chromosome		4514
Salmonella enterica subsp. enterica serovar Dublin str. CT_02021853	Plasmid	pCT02021853_74	103
Salmonella enterica subsp. enterica serovar Enteritidis str. P125109	Chromosome		4313
Salmonella enterica subsp. enterica serovar Gallinarum str. 287/91	Chromosome		4271
Salmonella enterica subsp. enterica serovar Heidelberg str. SL476	Chromosome		4650
Salmonella enterica subsp. enterica serovar Heidelberg str. SL476	Plasmid	pSL476_3	4
Salmonella enterica subsp. enterica serovar Heidelberg str. SL476	Plasmid	pSL476_91	125
Salmonella enterica subsp. enterica serovar Newport str. SL254	Chromosome		4612
Salmonella enterica subsp. enterica serovar Newport str.	Plasmid	pSL254_3	3

SL254 Salmonella enterica subsp. enterica serovar Newport str. SL254	Plasmid	pSN254	190
Salmonella enterica subsp. enterica serovar Paratyphi A str. AKU_12601	Chromosome		4275
Salmonella enterica subsp. enterica serovar Paratyphi A str. AKU_12601	Plasmid	pAKU_1	234
Salmonella enterica subsp. enterica serovar Paratyphi A str. ATCC 9150	Chromosome		4094
Salmonella enterica subsp. enterica serovar Paratyphi B str. SPB7	Chromosome		5601
Salmonella enterica subsp. enterica serovar Paratyphi C strain RKS4594	Chromosome		4578
Salmonella enterica subsp. enterica serovar Paratyphi C strain RKS4594	Plasmid	pSPCV	62
Salmonella enterica subsp. enterica serovar Schwarzengrund str. CVM19633	Chromosome		4500
Salmonella enterica subsp. enterica serovar Schwarzengrund str. CVM19633	Plasmid	pCVM19633_110	122
Salmonella enterica subsp. enterica serovar Schwarzengrund str. CVM19633	Plasmid	pCVM19633_4	5
Salmonella enterica subsp. enterica serovar Typhimurium str. 14028S	Chromosome		5364
Salmonella enterica subsp. enterica serovar Typhimurium str. 14028S	Plasmid	unnamed	102
Salmonella enterica subsp. enterica serovar Typhimurium str. D23580	Chromosome		4518
Salmonella enterica subsp. enterica serovar Typhimurium str. D23580	Plasmid	pSLT-BT	122
Salmonella enterica subsp. enterica serovar Typhimurium str. LT2	Chromosome		4455
Salmonella enterica subsp. enterica serovar Typhimurium str. LT2	Plasmid	pSLT	102
Salmonella enterica subsp. enterica serovar Typhi str. CT18	Chromosome		4585
Salmonella enterica subsp.	Plasmid	pHCM1	247

Salmonella enterica subsp. enterica serovar Typhi str. CT18	Plasmid	pHCM1	247
Salmonella enterica subsp. enterica serovar Typhi str. CT18	Plasmid	pHCM2	132
Salmonella enterica subsp. enterica serovar Typhi str. Ty2	Chromosome		4329
Sanguibacter keddieii DSM 10542	Chromosome		3710
Sebaldella termitidis ATCC 33386	Chromosome		4083
Serratia proteamaculans 568	Chromosome		4891
Serratia proteamaculans 568	Plasmid	pSPRO01	51
Shewanella amazonensis SB2B	Chromosome		3645
Shewanella baltica OS155	Chromosome		4307
Shewanella baltica OS155	Plasmid	pSbal01	92
Shewanella baltica OS155	Plasmid	pSbal02	71
Shewanella baltica OS155	Plasmid	pSbal03	12
Shewanella baltica OS155	Plasmid	pSbal04	7
Shewanella baltica OS185	Chromosome		4323
Shewanella baltica OS185	Plasmid	pS18501	71
Shewanella baltica OS195	Chromosome		4499
Shewanella baltica OS195	Plasmid	pS19501	67
Shewanella baltica OS195	Plasmid	pS19502	73
Shewanella baltica OS195	Plasmid	pS19503	49
Shewanella baltica OS223	Chromosome		4252
Shewanella baltica OS223	Plasmid	pS22301	79
Shewanella baltica OS223	Plasmid	pS22302	61
Shewanella baltica OS223	Plasmid	pS22303	51
Shewanella denitrificans OS217	Chromosome		3754
Shewanella frigidimarina NCIMB 400	Chromosome		4029
Shewanella halifaxensis HAW-EB4	Chromosome		4278
Shewanella loihica PV-4	Chromosome		3859
Shewanella oneidensis MR-1	Chromosome		4630
Shewanella oneidensis MR-1	Plasmid	pMR-1	149
Shewanella pealeana ATCC 700345	Chromosome		4241
Shewanella piezotolerans WP3	Chromosome		4933
Shewanella putrefaciens CN-32	Chromosome		3972
Shewanella sediminis HAW-EB3	Chromosome		4497
Shewanella sp. ANA-3	Chromosome		4111
Shewanella sp. ANA-3	Plasmid	pANA-3	249
Shewanella sp. MR-4	Chromosome		3924
Shewanella sp. MR-7	Chromosome		4006
Shewanella sp. MR-7	Plasmid	pMR7	8
Shewanella sp. W3-18-1	Chromosome		4044
Shewanella woodyi ATCC 51908	Chromosome		4880
Shigella boydii CDC 3083-94	Chromosome		4246
Shigella boydii CDC 3083-94	Plasmid	pBS512_211	242

<i>Shigella boydii</i> CDC 3083-94	Plasmid	pBS512_5	4
<i>Shigella boydii</i> CDC 3083-94	Plasmid	pBS512_7	10
<i>Shigella boydii</i> Sb227	Chromosome		4143
<i>Shigella boydii</i> Sb227	Plasmid	pSB4_227	148
<i>Shigella dysenteriae</i> Sd197	Chromosome		4278
<i>Shigella dysenteriae</i> Sd197	Plasmid	pSD1_197	223
<i>Shigella flexneri</i> 2002017	Chromosome		4375
<i>Shigella flexneri</i> 2002017	Plasmid	pSFxv_1	302
<i>Shigella flexneri</i> 2002017	Plasmid	pSFxv_2	11
<i>Shigella flexneri</i> 2002017	Plasmid	pSFxv_3	8
<i>Shigella flexneri</i> 2002017	Plasmid	pSFxv_4	4
<i>Shigella flexneri</i> 2002017	Plasmid	pSFxv_5	6
<i>Shigella flexneri</i> 2a str. 2457T	Chromosome		4105
<i>Shigella flexneri</i> 2a str. 301	Chromosome		4397
<i>Shigella flexneri</i> 2a str. 301	Plasmid	pCP301	268
<i>Shigella flexneri</i> 5 str. 8401	Chromosome		4119
<i>Shigella sonnei</i> Ss046	Chromosome		4226
<i>Shigella sonnei</i> Ss046	Plasmid	pSS_046	238
<i>Sinorhizobium medicae</i> WSM419	Chromosome		3529
<i>Sinorhizobium medicae</i> WSM419	Plasmid	pSMED01	1441
<i>Sinorhizobium medicae</i> WSM419	Plasmid	pSMED02	1094
<i>Sinorhizobium medicae</i> WSM419	Plasmid	pSMED03	149
<i>Sinorhizobium meliloti</i> 1021	Chromosome		3361
<i>Sinorhizobium meliloti</i> 1021	Plasmid	pSymA	1290
<i>Sinorhizobium meliloti</i> 1021	Plasmid	pSymB	1583
<i>Slackia heliotrinireducens</i> DSM 20476	Chromosome		2765
<i>Sodalis glossinidius</i> str. 'morsitans'	Chromosome		2432
<i>Sodalis glossinidius</i> str. 'morsitans'	Plasmid	pSG1	54
<i>Sodalis glossinidius</i> str. 'morsitans'	Plasmid	pSG2	23
<i>Sodalis glossinidius</i> str. 'morsitans'	Plasmid	pSG3	7
<i>Sorangium cellulosum</i> 'So ce 56'	Chromosome		9379
<i>Sphaerobacter thermophilus</i> DSM 20745	Chromosome	1	2439
<i>Sphaerobacter thermophilus</i> DSM 20745	Chromosome	2	1046
<i>Sphingomonas wittichii</i> RW1	Chromosome		4850
<i>Sphingomonas wittichii</i> RW1	Plasmid	pSWIT01	285
<i>Sphingomonas wittichii</i> RW1	Plasmid	pSWIT02	210
<i>Sphingopyxis alaskensis</i> RB2256	Chromosome		3165
<i>Sphingopyxis alaskensis</i> RB2256	Plasmid	F	30
<i>Staphylococcus aureus</i> RF122	Chromosome		2587
<i>Staphylococcus aureus</i> subsp.	Chromosome		2676

aureus COL			
Staphylococcus aureus subsp. aureus COL	Plasmid	pT181	3
Staphylococcus aureus subsp. aureus ED98	Chromosome		2661
Staphylococcus aureus subsp. aureus ED98	Plasmid	pAVX	23
Staphylococcus aureus subsp. aureus ED98	Plasmid	pAVY	2
Staphylococcus aureus subsp. aureus ED98	Plasmid	pT181	3
Staphylococcus aureus subsp. aureus JH1	Chromosome		2751
Staphylococcus aureus subsp. aureus JH1	Plasmid	pSJH101	33
Staphylococcus aureus subsp. aureus JH9	Chromosome		2701
Staphylococcus aureus subsp. aureus JH9	Plasmid	pSJH901	29
Staphylococcus aureus subsp. aureus MRSA252	Chromosome		2741
Staphylococcus aureus subsp. aureus MSSA476	Chromosome		2622
Staphylococcus aureus subsp. aureus MSSA476	Plasmid	pSAS	24
Staphylococcus aureus subsp. aureus Mu3	Chromosome		2703
Staphylococcus aureus subsp. aureus Mu50	Chromosome		2703
Staphylococcus aureus subsp. aureus Mu50	Plasmid	VRSAP	34
Staphylococcus aureus subsp. aureus MW2	Chromosome		2636
Staphylococcus aureus subsp. aureus MW2	Plasmid	pMW2	27
Staphylococcus aureus subsp. aureus N315	Chromosome		2597
Staphylococcus aureus subsp. aureus N315	Plasmid	pN315	31
Staphylococcus aureus subsp. aureus NCTC 8325	Chromosome		2891
Staphylococcus aureus str. Newman	Chromosome		2627
Staphylococcus aureus subsp. aureus TW20	Chromosome		2821
Staphylococcus aureus subsp. aureus TW20	Plasmid	pTW20_1	31
Staphylococcus aureus subsp. aureus TW20	Plasmid	pTW20_2	2
Staphylococcus aureus subsp. aureus USA300_FPR3757	Chromosome		2563
Staphylococcus aureus subsp. aureus USA300_FPR3757	Plasmid	pUSA01	5
Staphylococcus aureus subsp. aureus USA300_FPR3757	Plasmid	pUSA02	3
Staphylococcus aureus subsp. aureus USA300_FPR3757	Plasmid	pUSA03	36

aureus USA300_FPR3757			
Staphylococcus aureus subsp. aureus USA300_TCH1516	Chromosome		2663
Staphylococcus aureus subsp. aureus USA300_TCH1516	Plasmid	pUSA300HOUMR	26
Staphylococcus carnosus subsp. carnosus TM300	Chromosome		2462
Staphylococcus epidermidis ATCC 12228	Chromosome		2413
Staphylococcus epidermidis ATCC 12228	Plasmid	pSE-12228-01	3
Staphylococcus epidermidis ATCC 12228	Plasmid	pSE-12228-02	6
Staphylococcus epidermidis ATCC 12228	Plasmid	pSE-12228-03	8
Staphylococcus epidermidis ATCC 12228	Plasmid	pSE-12228-04	16
Staphylococcus epidermidis ATCC 12228	Plasmid	pSE-12228-05	22
Staphylococcus epidermidis ATCC 12228	Plasmid	pSE-12228-06	11
Staphylococcus epidermidis RP62A	Chromosome		2494
Staphylococcus epidermidis RP62A	Plasmid	pSERP	32
Staphylococcus haemolyticus JCSC1435	Chromosome		2676
Staphylococcus haemolyticus JCSC1435	Plasmid	pSHaeA	3
Staphylococcus haemolyticus JCSC1435	Plasmid	pSHaeB	2
Staphylococcus haemolyticus JCSC1435	Plasmid	pSHaeC	11
Staphylococcus saprophyticus subsp. saprophyticus ATCC 15305	Chromosome		2444
Staphylococcus saprophyticus subsp. saprophyticus ATCC 15305	Plasmid	pSSP1	45
Staphylococcus saprophyticus subsp. saprophyticus ATCC 15305	Plasmid	pSSP2	23
Stenotrophomonas maltophilia K279a	Chromosome		4421
Stenotrophomonas maltophilia R551-3	Chromosome		4039
Streptobacillus moniliformis DSM 12112	Chromosome		1434
Streptococcus agalactiae 2603V/R	Chromosome		2124
Streptococcus agalactiae A909	Chromosome		1996
Streptococcus agalactiae NEM316	Chromosome		2127
Streptococcus dysgalactiae subsp. equisimilis GGS_124	Chromosome		2100
Streptococcus equi subsp. equi	Chromosome		2120

Streptococcus equi subsp. equi 4047	Chromosome		2120
Streptococcus equi subsp. zooepidemicus	Chromosome		1959
Streptococcus equi subsp. zooepidemicus MGCS10565	Chromosome		1893
Streptococcus gordonii str. Challis substr. CH1	Chromosome		2051
Streptococcus mutans NN2025	Chromosome		1895
Streptococcus mutans UA159	Chromosome		1961
Streptococcus pneumoniae 70585	Chromosome		2202
Streptococcus pneumoniae ATCC 700669	Chromosome		2134
Streptococcus pneumoniae CGSP14	Chromosome		2206
Streptococcus pneumoniae D39	Chromosome		1914
Streptococcus pneumoniae D39	Plasmid	pDP1	4
Streptococcus pneumoniae G54	Chromosome		2115
Streptococcus pneumoniae Hungary19A-6	Chromosome		2155
Streptococcus pneumoniae JJA	Chromosome		2123
Streptococcus pneumoniae P1031	Chromosome		2073
Streptococcus pneumoniae R6	Chromosome		2043
Streptococcus pneumoniae Taiwan19F-14	Chromosome		2044
Streptococcus pneumoniae TIGR4	Chromosome		2126
Streptococcus pyogenes M1 GAS	Chromosome		1699
Streptococcus pyogenes MGAS10270	Chromosome		1987
Streptococcus pyogenes MGAS10394	Chromosome		1886
Streptococcus pyogenes MGAS10750	Chromosome		1977
Streptococcus pyogenes MGAS2096	Chromosome		1896
Streptococcus pyogenes MGAS315	Chromosome		1866
Streptococcus pyogenes MGAS5005	Chromosome		1858
Streptococcus pyogenes MGAS6180	Chromosome		1894
Streptococcus pyogenes MGAS8232	Chromosome		1845
Streptococcus pyogenes MGAS9429	Chromosome		1877
Streptococcus pyogenes NZ131	Chromosome		1703
Streptococcus pyogenes SSI-1	Chromosome		1861
Streptococcus pyogenes str. Manfredo	Chromosome		1816
Streptococcus sanguinis SK36	Chromosome		2270
Streptococcus suis 05ZYH33	Chromosome		2184

Streptococcus suis BM407	Chromosome		2035
Streptococcus suis BM407	Plasmid	pBM407	18
Streptococcus suis P1/7	Chromosome		1906
Streptococcus suis SC84	Chromosome		1981
Streptococcus thermophilus CNRZ1066	Chromosome		1912
Streptococcus thermophilus LMD-9	Chromosome		1710
Streptococcus thermophilus LMD-9	Plasmid	pSTER1	4
Streptococcus thermophilus LMD-9	Plasmid	pSTER2	2
Streptococcus thermophilus LMG 18311	Chromosome		1885
Streptococcus uberis 0140J	Chromosome		1825
Streptomyces avermitilis MA- 4680	Chromosome		7580
Streptomyces avermitilis MA- 4680	Plasmid	SAP1	96
Streptomyces coelicolor A3(2)	Chromosome		7822
Streptomyces coelicolor A3(2)	Plasmid	SCP1	355
Streptomyces coelicolor A3(2)	Plasmid	SCP2	34
Streptomyces griseus subsp. griseus NBRC 13350	Chromosome		7138
Streptomyces scabiei 87.22	Chromosome		8806
Streptosporangium roseum DSM 43021	Chromosome		8945
Sulfurihydrogenibium azorense Az-Fu1	Chromosome		1725
Sulfurihydrogenibium sp. YO3AOP1	Chromosome		1721
Sulfurimonas denitrificans DSM 1251	Chromosome		2096
Sulfurospirillum deleyianum DSM 6946	Chromosome		2265
Sulfurovum sp. NBC37-1	Chromosome		2465
Symbiobacterium thermophilum IAM 14863	Chromosome		3337
Synechococcus elongatus	Chromosome		2475
Synechococcus elongatus PCC 6301	Chromosome		2525
Synechococcus elongatus PCC 7942	Chromosome		2611
Synechococcus elongatus PCC 7942	Plasmid	pANL	50
Synechococcus sp. CC9311	Chromosome		2892
Synechococcus sp. CC9605	Chromosome		2638
Synechococcus sp. CC9902	Chromosome		2304
Synechococcus sp. JA-2- 3B'a(2-13)	Chromosome		2863
Synechococcus sp. JA-3-3Ab	Chromosome		2760
Synechococcus sp. PCC 7002	Chromosome		2824
Synechococcus sp. PCC 7002	Plasmid	pAQ1	3
Synechococcus sp. PCC 7002	Plasmid	pAQ3	17

Synechococcus sp. PCC 7002	Plasmid	pAQ4	30
Synechococcus sp. PCC 7002	Plasmid	pAQ5	39
Synechococcus sp. PCC 7002	Plasmid	pAQ6	109
Synechococcus sp. PCC 7002	Plasmid	pAQ7	165
Synechococcus sp. RCC307	Chromosome		2535
Synechococcus sp. WH 7803	Chromosome		2533
Synechococcus sp. WH 8102	Chromosome		2524
Synechocystis sp. PCC 6803	Chromosome		3166
Synechocystis sp. PCC 6803	Plasmid	pSYSA	106
Synechocystis sp. PCC 6803	Plasmid	pSYSG	49
Synechocystis sp. PCC 6803	Plasmid	pSYSM	132
Synechocystis sp. PCC 6803	Plasmid	pSYSX	110
Syntrophobacter fumaroxidans MPOB	Chromosome		4064
Syntrophomonas wolfei subsp. wolfei str. Goettingen	Chromosome		2504
Syntrophus aciditrophicus SB	Chromosome		3168
Teredinibacter turnerae T7901	Chromosome		4255
Thauera sp. MZ1T	Chromosome		3903
Thauera sp. MZ1T	Plasmid	pTha01	75
Thermanaerovibrio acidaminovorans DSM 6589	Chromosome		1738
Thermoanaerobacter pseudethanolicus ATCC 33223	Chromosome		2243
Thermoanaerobacter sp. X514	Chromosome		2349
Thermoanaerobacter tengcongensis MB4	Chromosome		2588
Thermobaculum terrenum ATCC BAA-798	Chromosome	1	1859
Thermobaculum terrenum ATCC BAA-798	Chromosome	2	973
Thermobifida fusca YX	Chromosome		3110
Thermodesulfovibrio yellowstonii DSM 11347	Chromosome		2033
Thermomicrobium roseum DSM 5159	Chromosome		1922
Thermomicrobium roseum DSM 5159	Plasmid	Tros	937
Thermomonospora curvata DSM 43183	Chromosome		4890
Thermosipho africanus TCF52B	Chromosome		1956
Thermosipho melanesiensis BI429	Chromosome		1879
Thermotoga lettingae TMO	Chromosome		2040
Thermotoga maritima MSB8	Chromosome		1853
Thermotoga naphthophila RKU-10	Chromosome		1768
Thermotoga neapolitana DSM 4359	Chromosome		1937
Thermotoga petrophila RKU-1	Chromosome		1785
Thermotoga sp. RQ2	Chromosome		1819
Thermus thermophilus HB27	Chromosome		1982
Thermus thermophilus HB27	Plasmid	pTT27	228
Thermus thermophilus HB8	Chromosome		1974

<i>Thermus thermophilus</i> HB8	Plasmid	pTT27	251
<i>Thermus thermophilus</i> HB8	Plasmid	pTT8	14
<i>Thioalkalivibrio</i> sp. HL-EbGR7	Chromosome		3283
<i>Thiobacillus denitrificans</i> ATCC 25259	Chromosome		2827
<i>Thiomicrospira crunogena</i> XCL-2	Chromosome		2196
<i>Tolomonas auensis</i> DSM 9187	Chromosome		3130
<i>Treponema denticola</i> ATCC 35405	Chromosome		2767
<i>Treponema pallidum</i> subsp. <i>pallidum</i> SS14	Chromosome		1028
<i>Treponema pallidum</i> subsp. <i>pallidum</i> str. Nichols	Chromosome		1028
<i>Trichodesmium erythraeum</i> IMS101	Chromosome		4451
<i>Tropheryma whipplei</i> str. Twist	Chromosome		808
<i>Tropheryma whipplei</i> TW08/27	Chromosome		784
uncultured Termite group 1 bacterium phylotype Rs-D17	Chromosome		761
uncultured Termite group 1 bacterium phylotype Rs-D17	Plasmid	pTGRD1	9
uncultured Termite group 1 bacterium phylotype Rs-D17	Plasmid	pTGRD2	3
uncultured Termite group 1 bacterium phylotype Rs-D17	Plasmid	pTGRD3	3
<i>Ureaplasma parvum</i> serovar 3 str. ATCC 27815	Chromosome		609
<i>Ureaplasma parvum</i> serovar 3 str. ATCC 700970	Chromosome		611
<i>Ureaplasma urealyticum</i> serovar 10 str. ATCC 33699	Chromosome		646
<i>Veillonella parvula</i> DSM 2008	Chromosome		1844
<i>Verminephrobacter eiseniae</i> EF01-2	Chromosome		4908
<i>Verminephrobacter eiseniae</i> EF01-2	Plasmid	pVEIS01	39
<i>Vibrio cholerae</i> M66-2	Chromosome	I	2650
<i>Vibrio cholerae</i> M66-2	Chromosome	II	1043
<i>Vibrio cholerae</i> MJ-1236	Chromosome	1	2770
<i>Vibrio cholerae</i> MJ-1236	Chromosome	2	1004
<i>Vibrio cholerae</i> O1 biovar El Tor str. N16961	Chromosome	1	2735
<i>Vibrio cholerae</i> O1 biovar El Tor str. N16961	Chromosome	2	1094
<i>Vibrio cholerae</i> O395	Chromosome	1	1133
<i>Vibrio cholerae</i> O395	Chromosome	2	2738
<i>Vibrio cholerae</i> O395	Chromosome	I	2817
<i>Vibrio cholerae</i> O395	Chromosome	II	1117
<i>Vibrio fischeri</i> ES114	Chromosome	I	2588
<i>Vibrio fischeri</i> ES114	Chromosome	II	1178
<i>Vibrio fischeri</i> ES114	Plasmid	pES100	57
<i>Vibrio fischeri</i> MJ11	Chromosome	I	2590
<i>Vibrio fischeri</i> MJ11	Chromosome	II	1254

<i>Vibrio fischeri</i> MJ11	Plasmid	pMJ100	195
<i>Vibrio harveyi</i> ATCC BAA-1116	Chromosome	I	3570
<i>Vibrio harveyi</i> ATCC BAA-1116	Chromosome	II	2374
<i>Vibrio harveyi</i> ATCC BAA-1116	Plasmid	pVIBHAR	120
<i>Vibrio parahaemolyticus</i> RIMD 2210633	Chromosome	1	3080
<i>Vibrio parahaemolyticus</i> RIMD 2210633	Chromosome	2	1752
<i>Vibrio</i> sp. Ex25	Chromosome	1	2915
<i>Vibrio</i> sp. Ex25	Chromosome	2	1603
<i>Vibrio splendidus</i> LGP32	Chromosome	1	2949
<i>Vibrio splendidus</i> LGP32	Chromosome	2	1485
<i>Vibrio vulnificus</i> CMCP6	Chromosome	1	2964
<i>Vibrio vulnificus</i> CMCP6	Chromosome	2	1563
<i>Vibrio vulnificus</i> YJ016	Chromosome	I	3262
<i>Vibrio vulnificus</i> YJ016	Chromosome	II	1697
<i>Vibrio vulnificus</i> YJ016	Plasmid	pYJ016	69
<i>Wigglesworthia glossinidia</i> endosymbiont of <i>Glossina brevipalpis</i>	Chromosome		611
<i>Wigglesworthia glossinidia</i> endosymbiont of <i>Glossina brevipalpis</i>	Plasmid	pWb1	1
<i>Wolbachia</i> endosymbiont of <i>Culex quinquefasciatus</i> Pel	Chromosome		1372
<i>Wolbachia</i> endosymbiont strain TRS of <i>Brugia malayi</i>	Chromosome		805
<i>Wolbachia</i> sp. wMel	Chromosome		1195
<i>Wolbachia</i> sp. wRi	Chromosome		1150
<i>Wolinella succinogenes</i> DSM 1740	Chromosome		2044
<i>Xanthobacter autotrophicus</i> Py2	Chromosome		4746
<i>Xanthobacter autotrophicus</i> Py2	Plasmid	pXAUT01	289
<i>Xanthomonas axonopodis</i> pv. citri str. 306	Chromosome		4308
<i>Xanthomonas axonopodis</i> pv. citri str. 306	Plasmid	pXAC33	43
<i>Xanthomonas axonopodis</i> pv. citri str. 306	Plasmid	pXAC64	74
<i>Xanthomonas campestris</i> pv. campestris	Chromosome		4510
<i>Xanthomonas campestris</i> pv. campestris str. 8004	Chromosome		4273
<i>Xanthomonas campestris</i> pv. campestris str. ATCC 33913	Chromosome		4181
<i>Xanthomonas euvesicatoria</i>	Chromosome		4487
<i>Xanthomonas euvesicatoria</i>	Plasmid	pXCV183	172
<i>Xanthomonas euvesicatoria</i>	Plasmid	pXCV19	22
<i>Xanthomonas euvesicatoria</i>	Plasmid	pXCV2	2
<i>Xanthomonas euvesicatoria</i>	Plasmid	pXCV38	43
<i>Xanthomonas oryzae</i> pv. oryzae KACC10331	Chromosome		4540
<i>Xanthomonas oryzae</i> pv. oryzae MAFF 311018	Chromosome		4372

Xanthomonas oryzae pv. oryzae PXO99A	Chromosome		4988
Xylanimonas cellulolytica DSM 15894	Chromosome		3337
Xylella fastidiosa 9a5c	Chromosome		2766
Xylella fastidiosa 9a5c	Plasmid	pXF1.3	2
Xylella fastidiosa 9a5c	Plasmid	pXF51	64
Xylella fastidiosa M12	Chromosome		2104
Xylella fastidiosa M23	Chromosome		2161
Xylella fastidiosa M23	Plasmid	pXFAS01	40
Xylella fastidiosa Temecula1	Chromosome		2034
Xylella fastidiosa Temecula1	Plasmid	pXFPD1.3	2
Yersinia enterocolitica subsp. enterocolitica 8081	Chromosome		4047
Yersinia enterocolitica subsp. enterocolitica 8081	Plasmid	pYVe8081	89
Yersinia pestis Angola	Chromosome		3837
Yersinia pestis Angola	Plasmid	new_pCD	88
Yersinia pestis Angola	Plasmid	pMT-pPCP	120
Yersinia pestis Antiqua	Chromosome		4168
Yersinia pestis Antiqua	Plasmid	pCD	89
Yersinia pestis Antiqua	Plasmid	pMT	99
Yersinia pestis Antiqua	Plasmid	pPCP	9
Yersinia pestis biovar Microtus str. 91001	Chromosome		3902
Yersinia pestis biovar Microtus str. 91001	Plasmid	pCD1	85
Yersinia pestis biovar Microtus str. 91001	Plasmid	pCRY	30
Yersinia pestis biovar Microtus str. 91001	Plasmid	pMT1	122
Yersinia pestis biovar Microtus str. 91001	Plasmid	pPCP1	10
Yersinia pestis CO92	Chromosome		3986
Yersinia pestis CO92	Plasmid	pCD1	97
Yersinia pestis CO92	Plasmid	pMT1 (pMT-1)	103
Yersinia pestis CO92	Plasmid	pPCP1	9
Yersinia pestis D106004	Chromosome		3631
Yersinia pestis D182038	Chromosome		3630
Yersinia pestis KIM 10	Chromosome		4104
Yersinia pestis Nepal516	Chromosome		3982
Yersinia pestis Nepal516	Plasmid	pMT	104
Yersinia pestis Nepal516	Plasmid	pPCP	9
Yersinia pestis Pestoides F	Chromosome		3851
Yersinia pestis Pestoides F	Plasmid	pCD	88
Yersinia pestis Pestoides F	Plasmid	pMT	131
Yersinia pseudotuberculosis IP 31758	Chromosome		4124
Yersinia pseudotuberculosis IP 31758	Plasmid	pYpsIP31758.1	136
Yersinia pseudotuberculosis IP 31758	Plasmid	pYpsIP31758.2	64
Yersinia pseudotuberculosis IP	Chromosome		3974

Yersinia pseudotuberculosis IP 32953	Chromosome		3974
Yersinia pseudotuberculosis IP 32953	Plasmid	pYptb32953	43
Yersinia pseudotuberculosis IP 32953	Plasmid	pYV	99
Yersinia pseudotuberculosis PB1/+	Chromosome		4150
Yersinia pseudotuberculosis PB1/+	Plasmid	pYPTS01	87
Yersinia pseudotuberculosis YPIII	Chromosome		4192
Zymomonas mobilis subsp. mobilis NCIMB 11163	Chromosome		1800
Zymomonas mobilis subsp. mobilis NCIMB 11163	Plasmid	pZA1001	46
Zymomonas mobilis subsp. mobilis NCIMB 11163	Plasmid	pZA1002	32
Zymomonas mobilis subsp. mobilis NCIMB 11163	Plasmid	pZA1003	6
Zymomonas mobilis subsp. mobilis ZM4	Chromosome		1728
Zymomonas mobilis subsp.	Plasmid	pZmo1	43

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