

Supplemental Table 1. Characteristics of the 324 *Kingella kingae* isolates used in this study. Previously published strains (n=134) are in normal font, while newly genotyped strains (n=190) are in bold font.

Strain	Sequence type	Year	Country	City - Region	Disease
ATCC 23330	1	1966	Norway	Oslo	Carriage
BB060	2	2006	Israel	South	Carriage
KK60	2	1994	Israel	South	Endocarditis
KK88	2	1996	Israel	North	Osteoarticular infection
Sch545	2	2011	Israel	South	Carriage
KK112	2	1996	Israel	South	Carriage
0309+30201	2	2003	Iceland	Reykjavik	Osteoarticular infection
CA55	2	2001	Spain	Barcelona	Osteoarticular infection
CA131	2	2011	Spain	Barcelona	Osteoarticular infection
AA046	3	2006	Israel	South	Carriage
Sch187	3	2010	Israel	South	Carriage
CC388c	3	2006	Israel	South	Carriage
PER486	3	2010	Israel	South	Carriage
BB429	3	2007	Israel	South	Carriage
CC397	3	2007	Israel	South	Carriage
PER1588	3	2010	Israel	South	Carriage
PER1827	3	2010	Israel	South	Carriage
AA528	3	2007	Israel	South	Carriage
BB033	3	2006	Israel	South	Carriage
PVC3339	3	2007	Israel	South	Carriage
KK70	4	1993	Israel	South	Osteoarticular infection
BB631	5	2006	Israel	South	Carriage
KK3	5	1994	Israel	South	Carriage
KK171	5	2001	Israel	North	Osteoarticular infection
VIR5453	5	2006	Israel	North	Carriage
Sch525	5	2011	Israel	South	Carriage
Sch1561	5	2012	Israel	South	Carriage
KK116	5	1996	Israel	South	Carriage
KK117	5	1996	Israel	South	Carriage
HAN 26314	6	2007	France	Paris	Osteoarticular infection
N10-9223	6	2010	France	Nantes	Osteoarticular infection
N10-10419	6	2010	France	Nantes	Endocarditis
HAM 137138	6	2011	France	Paris	Osteoarticular infection
SIL 32489	6	2011	France	Paris	Osteoarticular infection
AA417	6	2006	Israel	South	Carriage
CC013	6	2006	Israel	South	Carriage
CC388	6	2006	Israel	North	Carriage
KK6	6	1994	Israel	South	Carriage
KK71	6	1994	Israel	South	Occult Bacteremia
KK86	6	1994	Israel	South	Carriage
KK101	6	1992	Israel	South	Osteoarticular infection
KK107	6	1996	Israel	South	Carriage
KK131	6	1997	Israel	South	Occult Bacteremia
KK145	6	1998	Israel	East	Osteoarticular infection
KK156	6	2002	Israel	South	Osteoarticular infection
KK199	6	2004	Israel	North	Endocarditis
KK203	6	2004	Israel	South	Carriage
KK223	6	2005	Israel	Center	Osteoarticular infection

KK260	6	2007	Israel	South	Occult Bacteremia
KK274	6	2009	Israel	South	Osteoarticular infection
KK411	6	2008	Israel	East	Endocarditis
M2004000037	6	2004	USA	Minnesota	Carriage
C2005004457	6	2005	USA	Minnesota	Osteoarticular infection
C2005004524	6	2005	USA	Minnesota	Osteoarticular infection
C2007000490	6	2007	USA	Minnesota	Osteoarticular infection
0211+12480	6	2002	Iceland	Reykjavik	Osteoarticular infection
0303+28260	6	2003	Iceland	Reykjavik	Osteoarticular infection
0405+30002	6	2004	Iceland	Reykjavik	Osteoarticular infection
9508+31135	6	1995	Iceland	Reykjavik	Osteoarticular infection
AA242	6	2006	Israel	South	Carriage
BB290	6	2006	Israel	South	Carriage
KK252	6	2007	Israel	South	Occult Bacteremia
KK403	6	2008	Israel	South	Occult Bacteremia
KK92	6	1996	Israel	North	Occult Bacteremia
Namer 29.9	6	2012	Israel	South	Carriage
KK431	6	2012	Israel	South	Occult Bacteremia
KK218	6	2004	Israel	South	Carriage
PER2265	6	2011	Israel	South	Carriage
		Unknow			
PP1	6	n	USA	New York	Osteoarticular infection
0604+15110	6	2006	Iceland	Reykjavik	Osteoarticular infection
AMO 34676	6	2012	France	Paris	Osteoarticular infection
NICE 476	6	2012	France	Nice	Osteoarticular infection
QAS 30270110-S	6	2013	France	Paris	Osteoarticular infection
LEP 6724	6	2009	France	Bordeaux	Unknown
			Australi		
AUS 01	6	2013	a	Geelong	Endocarditis
MAS 32180157-S	6	2013	France	Paris	Osteoarticular infection
CAN 7	6	2006	Canada	Montreal	Osteoarticular infection
CAN 12	6	2008	Canada	Montreal	Unknown
CAN 13	6	2009	Canada	Montreal	Osteoarticular infection
CAN 22	6	2012	Canada	Montreal	Occult Bacteremia
CAN 23	6	2012	Canada	Montreal	Osteoarticular infection
CA48	6	2001	Spain	Barcelona	Osteoarticular infection
CA49	6	2001	Spain	Barcelona	Osteoarticular infection
CA64	6	2004	Spain	Barcelona	Occult Bacteremia
CA65	6	2004	Spain	Barcelona	Occult Bacteremia
CA73	6	2006	Spain	Barcelona	Osteoarticular infection
CA75	6	2006	Spain	Barcelona	Occult Bacteremia
CA122	6	2010	Spain	Barcelona	Osteoarticular infection
BON 36648-LA	6	2013	France	Paris	Osteoarticular infection
KK240	7	2005	Israel	South	Osteoarticular infection
KK172	7	2001	Israel	North	Occult Bacteremia
KK244	7	2005	Israel	North	Occult Bacteremia
KK263	7	2008	Israel	Center	Occult Bacteremia
PER858c	7	2010	Israel	South	Carriage
PER927	7	2010	Israel	South	Carriage
D2363	8	2007	Israel	South	Carriage
Pantia 24.9	8	2012	Israel	South	Carriage
PER3	8	2009	Israel	South	Carriage
PER2854	8	2011	Israel	South	Carriage
S1010080184	8	2010	Iceland	Reykjavik	Osteoarticular infection
KK194	9	2003	Russia	St Petersburg	Carriage

KK180	10	2002	Israel	Center	Endocarditis
KK56	11	1994	Israel	South	Osteoarticular infection
PV1748	11	2007	Israel	South	Carriage
Sch429	11	2011	Israel	South	Carriage
KK63	11	1994	Israel	South	Carriage
KK120	11	1996	Israel	South	Carriage
KK200	11	2004	Israel	South	Carriage
AA105	12	2006	Israel	South	Carriage
AA255	12	2006	Israel	North	Carriage
KK417	12	2011	Israel	South	Osteoarticular infection
C2005003818	12	2005	USA	Minnesota	Osteoarticular infection
CAN 2	12	2005	Canada	Montreal	Osteoarticular infection
KK183	13	2002	Israel	North	Osteoarticular infection
CIP 73.01	14	1972	France	Besançon	Occult Bacteremia
CIP 101722	14	1985	France	Grenoble	Occult Bacteremia
BOU 30672	14	2010	France	Paris	Osteoarticular infection
MAT 26683	14	2008	France	Paris	Osteoarticular infection
N10-6602	14	2010	France	Nantes	Osteoarticular infection
OUA 30390	14	2010	France	Paris	Osteoarticular infection
S1100633	14	2011	France	Paris	Osteoarticular infection
AA207	14	2006	Israel	South	Carriage
KK12	14	1994	Israel	South	Carriage
KK83	14	1991	Israel	South	Osteoarticular infection
KK412	14	2004	USA	St Louis	Osteoarticular infection
AA203	14	2006	Israel	South	Carriage
KK136	14	1998	Israel	North	Occult Bacteremia
OHO 30250170-S	14	2013	France	Paris	Skin and soft tissue infection
C2012000896	14	2012	USA	Minnesota	Osteoarticular infection
C2009033016	14	2009	USA	Minnesota	Osteoarticular infection
GRO 7183	14	2010	France	Bordeaux	Osteoarticular infection
CAN 3	14	2005	Canada	Montreal	Osteoarticular infection
CAN 4	14	2006	Canada	Montreal	Osteoarticular infection
CAN 6	14	2006	Canada	Montreal	Osteoarticular infection
CAN 10	14	2007	Canada	Montreal	Unknown
CAN 15	14	2010	Canada	Montreal	Unknown
CAN 19	14	2011	Canada	Montreal	Unknown
CAN 20	14	2011	Canada	Montreal	Osteoarticular infection
CAN 24	14	2013	Canada	Montreal	Osteoarticular infection
BRU 32800001-LA	14	2013	France	Paris	Osteoarticular infection
CA7	14	1997	Spain	Barcelona	Osteoarticular infection
CA40	14	2000	Spain	Barcelona	Osteoarticular infection
CA61	14	2003	Spain	Barcelona	Osteoarticular infection
CA63	14	2004	Spain	Barcelona	Occult Bacteremia
CA66	14	2004	Spain	Barcelona	Osteoarticular infection
CA67	14	2004	Spain	Barcelona	Occult Bacteremia
CA68	14	2004	Spain	Barcelona	Osteoarticular infection
CA78	14	2006	Spain	Barcelona	Osteoarticular infection
CA83	14	2007	Spain	Barcelona	Osteoarticular infection
CA84	14	2007	Spain	Barcelona	Osteoarticular infection
CA85	14	2007	Spain	Barcelona	Osteoarticular infection
CA88	14	2008	Spain	Barcelona	Osteoarticular infection
CA94	14	2008	Spain	Barcelona	Osteoarticular infection
CA95	14	2008	Spain	Barcelona	Osteoarticular infection
CA112	14	2009	Spain	Barcelona	Osteoarticular infection

CA120	14	2010	Spain	Barcelona	Occult Bacteremia
CA138	14	2012	Spain	Barcelona	Osteoarticular infection
BOUT 33630109-LA	14	2013	France	Paris	Osteoarticular infection
LAC 40040059-S	14	2014	France	Paris	Osteoarticular infection
KK64	15	1990s	Israel	North	Osteoarticular infection
KK127	16	1990s	Israel	North	Osteoarticular infection
ATCC 23332	17	1970s	Norway	Oslo	Occult Bacteremia
POH 14284	18	2011	France	Paris	Osteoarticular infection
TEI 137111	18	2011	France	Paris	Osteoarticular infection
WAN 11661	18	2011	France	Paris	Osteoarticular infection
KK154	18	1999	Israel	South	Occult Bacteremia
KK407	18	2011	Israel	South	Occult Bacteremia
Sch258	18	2010	Israel	South	Carriage
Sch1288	18	2012	Israel	South	Carriage
PER641	18	2010	Israel	South	Carriage
CIP 102473	19	1986	France	Paris	Osteoarticular infection
CIP 102470	19	1986	France	Paris	Osteoarticular infection
SCH 25972	20	2007	France	Paris	Osteoarticular infection
AA024	21	2007	Israel	South	Carriage
KK224	21	2005	Israel	Center	Carriage
KK225	21	2005	Israel	Center	Carriage
KK256	21	2007	Israel	South	Osteoarticular infection
KK409	21	2010	Israel	East	Endocarditis
HER 31223	22	2010	France	Paris	Osteoarticular infection
BB012	22	2006	Israel	South	Carriage
BB728	22	2006	Israel	South	Carriage
KK81	22	1991	Israel	South	Osteoarticular infection
C1563	22	2006	Israel	South	Carriage
C1724	22	2007	Israel	South	Carriage
KK142	22	1998	Israel	South	Osteoarticular infection
KK217	22	2004	Israel	South	Occult Bacteremia
KK98	22	1992	Israel	South	Occult Bacteremia
C2006001196	22	2006	USA	Minnesota	Osteoarticular infection
C2006001744	22	2006	USA	Minnesota	Osteoarticular infection
0410+23083	22	2004	Iceland	Reykjavik	Osteoarticular infection
9911+17199	22	1999	Iceland	Reykjavik	Osteoarticular infection
ATCC 23331	23	1968	Norway	Oslo	Occult Bacteremia
N10-6318	23	2010	France	Nantes	Osteoarticular infection
BB016	23	2006	Israel	South	Carriage
BB463	23	2007	Israel	South	Carriage
KK97	23	1992	Israel	South	Occult Bacteremia
KK164	23	2000	Israel	South	Occult Bacteremia
KK153	23	1999	Israel	North	Endocarditis
KK184	23	2002	Israel	North	Osteoarticular infection
KK104	23	1996	Israel	South	Carriage
KK114	23	1996	Israel	South	Carriage
M2003000170	23	2003	USA	Minnesota	Carriage
C2003003154	23	2003	USA	Minnesota	Osteoarticular infection
0401+20177	23	2004	Iceland	Reykjavik	Osteoarticular infection
0601+26281	23	2006	Iceland	Reykjavik	Osteoarticular infection
CAN 17	23	2011	Canada	Montreal	Osteoarticular infection
CA20	23	1998	Spain	Barcelona	Osteoarticular infection
D7517	24	2007	Israel	South	Carriage
KK93	24	1995	Israel	South	Occult Bacteremia

KK128	24	1990s	Israel	South	Endocarditis
KK190	24	2002	Israel	South	Endocarditis
KK197	24	2003	Israel	Center	Endocarditis
KK100	24	1996	Israel	South	Osteoarticular infection
KK144	24	1998	Israel	South	Osteoarticular infection
KK271	24	2009	Israel	South	Occult Bacteremia
KK165	24	2000	Israel	South	Osteoarticular infection
KK408	24	2010	Israel	South	Occult Bacteremia
Sch2108	24	2012	Israel	South	Carriage
KK212	24	2004	Israel	South	Carriage
PER7	24	2009	Israel	South	Carriage
BIA 29991	25	2009	France	Paris	Osteoarticular infection
BUS 25298	25	2007	France	Paris	Osteoarticular infection
MEN 26437	25	2007	France	Paris	Osteoarticular infection
WAR 26245	25	2007	France	Paris	Osteoarticular infection
R4599	25	2011	France	Paris	Osteoarticular infection
S1003337	25	2010	France	Paris	Osteoarticular infection
MOU 30470108-S	25	2013	France	Paris	Osteoarticular infection
POT 30310159-S	25	2013	France	Paris	Skin and soft tissue
STF4A	25	2011	France	Paris	infection
PER251	25	2010	Israel		Carriage
ZEH 30720147-S	25	2013	France	Paris	Carriage
GOU 30530173-S	25	2013	France	Paris	Osteoarticular infection
GUE 30190154	25	2013	France	Paris	Osteoarticular infection
STM 30240164-S	25	2013	France	Paris	Carriage
BEN 31330178-S	25	2013	France	Paris	Carriage
DOR 8225	25	2012	France	Bordeaux	Osteoarticular infection
AIM 31840012-P	25	2013	France	Paris	Unknown
SIM 32430101-LA	25	2013	France	Paris	Skin and soft tissue
CAN 1	25	2003	Canada	Montreal	infection
CAN 5	25	2006	Canada	Montreal	Osteoarticular infection
CAN 11	25	2008	Canada	Montreal	Osteoarticular infection
CAR 32860064-S	25	2013	France	Paris	Unknown
CA57	25	2002	Spain	Barcelona	Osteoarticular infection
CA77	25	2006	Spain	Barcelona	Osteoarticular infection
CA129	25	2011	Spain	Barcelona	Osteoarticular infection
CRA 32950107-S	25	2013	France	Paris	Osteoarticular infection
COU 1310053120	25	2013	France	Sables	Unknown
DES 33550084	25	2013	France	d'Olonnes	Endocarditis
SAI 11985	26	2011	France	Paris	Osteoarticular infection
BB307	27	2006	Israel	South	Osteoarticular infection
CC254	27	2006	Israel	South	Carriage
KK242	27	2005	Israel	South	Carriage
KK208	27	2004	Israel	South	Occult Bacteremia
Sch535	27	2011	Israel	South	Occult Bacteremia
Sch1614	27	2012	Israel	South	Carriage
PER2797c	27	2011	Israel	South	Carriage
N10-10770	28	2010	France	Nantes	Carriage
PER2748	28	2011	Israel	South	Occult Bacteremia
KK174	29	1998	Israel	South	Carriage
PV1746	30	2006	Israel	South	Occult Bacteremia
KK113	31	1996	Israel	South	Carriage

KK125	31	1997	Israel	South	Carriage
PER1851	31	2010	Israel	South	Carriage
MAR 1853	32	2011	France	Paris	Osteoarticular infection
KK245	33	2005	Israel	South	Occult Bacteremia
BB114	34	2006	Israel	South	Carriage
EE160	34	2006	Israel	South	Carriage
AA430	34	2007	Israel	South	Carriage
AA478	34	2007	Israel	South	Carriage
13.2/307	34	2001	Israel	South	Carriage
2.12/151	34	2001	Israel	South	Carriage
718005	34	2001	Israel	South	Carriage
AA348	34	2008	Israel	South	Carriage
AA068	35	2007	Israel	South	Carriage
KK75	35	1991	Israel	South	Osteoarticular infection
KK141	35	1998	Israel	South	Osteoarticular infection
KK189	35	2002	Israel	South	Occult Bacteremia
BB11960	35	2004	Israel	Center	Osteoarticular infection
KK59	35	1993	Israel	South	Occult Bacteremia
Sch1136	35	2011	Israel	South	Carriage
Sch1931	35	2012	Israel	South	Carriage
PER1756	35	2010	Israel	South	Carriage
0111+28183	35	2001	Iceland	Reykjavik	Osteoarticular infection
0604+12258	35	2006	Iceland	Reykjavik	Osteoarticular infection
OUT 30940011-S	35	2013	France	Paris	Unknown
CAT 30640171-S	35	2013	France	Paris	Osteoarticular infection
SAI 30140210-S	35	2013	France	Paris	Osteoarticular infection
SAN 6539	35	2009	France	Bordeaux	Osteoarticular infection
CAN 18	35	2011	Canada	Montreal	Occult Bacteremia
KK158	36	1999	Israel	South	Osteoarticular infection
AA026	37	2006	Israel	South	Carriage
KK247	38	2006	Israel	East	Endocarditis
AA687	39	2007	Israel	South	Carriage
PVC1618	39	2006	Israel	South	Carriage
AA545	39	2008	Israel	South	Carriage
BB307	40	2007	Israel	South	Carriage
15/4.267	40	2001	Israel	South	Carriage
KWG1	41	2013	France	Paris	Osteoarticular infection
DER 112012-1	42	2012	France	Paris	Osteoarticular infection
ETI 126580	43	2011	France	Paris	Osteoarticular infection
AGO 30220109-S	44	2013	France	Paris	Osteoarticular infection
SEN 32910121-S	44	2013	France	Paris	Osteoarticular infection
S0910230213	45	2009	Iceland	Reykjavik	Osteoarticular infection
FOF 3022006-S	46	2013	France	Paris	Osteoarticular infection
C2006003006	47	2006	USA	Minnesota	Osteoarticular infection
KK168	48	2001	Israel	South	Osteoarticular infection
Sch87	49	2010	Israel	South	Carriage
ZUL 30220039-S	50	2013	France	Paris	Carriage
KK220	51	1994	Israel	South	Osteoarticular infection
KK433	52	2012	Israel	Center	Osteoarticular infection
KK267	53	2008	Israel	South	Osteoarticular infection
C2009000170	53	2009	USA	Minnesota	Osteoarticular infection
KK420	54	2011	Israel	Center	Osteoarticular infection
DAG 31560001-S	55	2013	France	Paris	Osteoarticular infection
AUD 31930140-S	56	2013	France	Paris	Osteoarticular infection

CAN 8	57	2007	Canada	Montreal	Osteoarticular infection
CAN 16	58	2010	Canada	Montreal	Osteoarticular infection
CAN 21	59	2012	Canada	Montreal	Osteoarticular infection
CAN 25	60	2013	Canada	Montreal	Osteoarticular infection
CA99	61	2009	Spain	Barcelona	Osteoarticular infection
CAN 9	62	2007	Canada	Montreal	Osteoarticular infection
CA105	62	2009	Spain	Barcelona	Occult Bacteremia
CA139	63	2012	Spain	Barcelona	Carriage
C2005004024	64	2005	USA	Minnesota	Osteoarticular infection
