

1 **Supplementary Table 1:** Allelic profile of 101 *S. gallolyticus* subsp. *gallolyticus* strains

isolate	allelic profile								origin	source	year	country
	ST	<i>glgB</i>	<i>aroE</i>	<i>nifS</i>	<i>p20</i>	<i>uvrA</i>	<i>tkl</i>	<i>trpD</i>				
DSM 16831	1	1	1	1	1	1	1	1	koala	feces	1990	Australia
DSM 13808	2	2	2	2	2	2	2	2	unknown	environment	1997	Africa
Isolate12932/01	3	3	3	3	3	3	3	3	human	heart valve culture	2001	Germany
Isolate000718/98	4	4	4	3	4	4	1	4	human	heart valve culture	1998	Germany
Isolate010288/01	3	3	3	3	3	3	3	3	human	heart valve culture	2001	Germany
Isolate003080/00	5	5	4	4	5	5	4	4	human	heart valve culture	2000	Germany
Isolate010672/01	6	5	5	4	6	5	5	5	human	heart valve culture	2001	Germany
Isolate006718/00	7	4	4	3	5	5	4	4	human	heart valve culture	2000	Germany
Isolate007849/02	8	4	4	3	4	3	1	4	human	heart valve culture	2002	Germany
Isolate021702/06	9	5	4	5	5	5	6	6	human	heart valve culture	2006	Germany
ATCC 49475	8	4	4	3	4	3	1	4	unknown	clinical isolate	1992	USA
ATCC 49147	7	4	4	3	5	5	4	4	unknown	clinical isolate	1992	Germany
0134257/1	6	5	5	4	6	5	5	5	human	heart valve culture	2001	Germany

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ATCC 9809	10	6	4	6	7	6	7	7	unknown	unknown	1977	United Kingdom
Isolate005950/03	11	4	4	3	4	3	1	8	human	heart valve culture	2003	Germany
ATCC BAA-2069	6	5	5	4	6	5	5	5	human	heart valve culture	2001	Germany
K6236/35_MS	12	4	4	3	6	5	5	4	human	blood culture	-	unknown
05WDK 43740 002	13	7	6	4	8	7	8	1	calf	unknown	-	unknown
AC 6860	14	5	5	4	6	5	9	5	human	clinical isolate	-	Germany <sup>1</sup>
AC 1016	15	5	4	4	6	5	5	4	human	clinical isolate	-	Germany <sup>1</sup>
AC 1135	8	4	4	3	4	3	1	4	human	clinical isolate	-	Germany <sup>1</sup>
AC 1181	16	4	4	3	4	3	4	4	human	clinical isolate	-	Germany <sup>1</sup>
AC 1242	8	4	4	3	4	3	1	4	human	clinical isolate	-	Germany <sup>1</sup>
AC 582	7	4	4	3	5	5	4	4	human	clinical isolate	-	Germany <sup>1</sup>
AC 7070	17	8	7	7	9	8	10	9	human	clinical isolate	-	Germany <sup>1</sup>

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AC 6827	18	5	4	4	10	5	11	4	human	clinical isolate	-	Germany <sup>1</sup>
LMG 14621	19	9	8	8	11	9	1	1	pigeon	abscess	1994	Belgium
LMG 14622	19	9	8	8	11	9	1	1	pigeon	unknown	1994	Belgium
LMG 14623	20	10	8	9	11	9	1	1	pigeon	liver	1994	Belgium
LMG 14634	7	4	4	3	5	5	4	4	cattle	intestine	1994	Belgium
LMG 14821	21	11	9	10	12	10	12	10	pigeon	unknown	1994	Belgium
LMG 14823	22	11	9	11	12	11	12	11	pigeon	unknown	1994	Belgium
LMG 14855	23	8	10	12	13	3	1	12	horse	intestine	1994	Belgium
LMG 14856	24	8	10	12	13	3	13	12	horse	intestine	1994	Belgium
LMG 14870	25	6	11	6	14	10	14	7	cattle	intestine	1994	Belgium
LMG 14876	26	3	3	3	3	3	8	13	cattle	tonsil	1994	Belgium
LMG 14878	19	9	8	8	11	9	1	1	pigeon	lung	1994	Belgium
LMG 15572	27	12	2	13	15	9	8	14	wild goat	rumen	1994	Australia
LMG 15573	27	12	2	13	15	9	8	14	wild goat	rumen	1994	Australia

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LMG 16005	3	3	3	3	3	3	3	3	cattle	intestine	1995	Belgium
LMG 17956	28	4	12	14	16	12	7	4	calf	unknown	1997	Netherlands
LMG 22782	17	8	7	7	9	8	10	9	dog	unknown	2000	Belgium
LMG 14625	5	5	4	4	5	5	4	4	human	blood culture	1994	Belgium
LMG 14631	29	5	4	4	6	5	5	5	human	blood culture	1994	Belgium
LMG 14632	30	5	4	4	5	5	4	15	human	blood culture	1994	Belgium
LMG 14879	19	9	8	8	11	9	1	1	pigeon	lung	1994	Belgium
LMG 15049	12	4	4	3	6	5	5	4	cattle	food	1970	United Kingdom
LMG 15053	31	4	13	3	4	3	1	1	cattle	unknown	1977	United Kingdom
LMG 15063	12	4	4	3	6	5	5	4	cattle	rumen	1982	United Kingdom
LMG 17082	32	11	9	10	12	3	12	11	cattle	tonsil	1996	Belgium

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LMG 17091	33	11	9	10	12	13	12	11	calf	tonsil	1996	Belgium
Sp 001	34	5	4	4	17	5	12	4	unknown	clinical isolate	-	Spain <sup>2</sup>
Sp 006	35	13	2	15	18	14	14	16	unknown	clinical isolate	-	Spain <sup>2</sup>
Sp 012	7	4	4	3	5	5	4	4	unknown	clinical isolate	-	Spain <sup>2</sup>
Sp 014	36	3	3	16	3	3	8	13	unknown	clinical isolate	-	Spain <sup>2</sup>
Sp 015	5	5	4	4	5	5	4	4	unknown	clinical isolate	-	Spain <sup>2</sup>
Sp 020	7	4	4	3	5	5	4	4	unknown	clinical isolate	-	Spain <sup>2</sup>
Sp 023	37	8	2	17	19	14	15	4	unknown	clinical isolate	-	Spain <sup>2</sup>
Sp 029	38	4	14	3	4	3	1	4	unknown	clinical isolate	-	Spain <sup>2</sup>
Sp 030	39	6	4	6	5	5	4	4	unknown	clinical isolate	-	Spain <sup>2</sup>
Sp 036	26	3	3	3	3	3	8	13	unknown	clinical isolate	-	Spain <sup>2</sup>
Sp 042	5	5	4	4	5	5	4	4	unknown	clinical isolate	-	Spain <sup>2</sup>
Sp 043	17	8	7	7	9	8	10	9	unknown	clinical isolate	-	Spain <sup>2</sup>
Sp 050	6	5	5	4	6	5	5	5	unknown	clinical isolate	-	Spain <sup>2</sup>

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Sp 052	40	7	4	4	20	7	8	1	unknown	clinical isolate	-	Spain <sup>2</sup>
Sp 053	5	5	4	4	5	5	4	4	unknown	clinical isolate	-	Spain <sup>2</sup>
UCN 34	41	4	4	3	5	5	4	17	human	unknown	2001	France
904	11	4	4	3	4	3	1	8	human	unknown	-	Korea
99146B3313	42	4	4	3	21	3	1	4	human	blood culture	2011	Germany <sup>3</sup>
Isolate52 F2	43	4	4	3	5	5	4	16	human	feces	2012	Germany
Isolate52 G9	43	4	4	3	5	5	4	16	human	feces	2012	Germany
99208B2062	44	14	4	3	4	3	1	4	human	blood culture	2012	Germany <sup>3</sup>
ATCC 43143	12	4	4	3	6	5	5	4	human	blood culture	before 1985	Belgium
HDZ 1001	45	4	14	18	22	8	5	13	pigeon	feces from pigeon loft 1	2012	Germany
HDZ 1002	46	4	14	18	22	5	5	13	pigeon	feces from pigeon loft 1	2012	Germany

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HDZ 1003	47	5	14	18	22	8	5	13	pigeon	feces from pigeon loft 1	2012	Germany
HDZ 1004	45	4	14	18	22	8	5	13	pigeon	feces from pigeon loft 1	2012	Germany
HDZ 1005	45	4	14	18	22	8	5	13	pigeon	feces from pigeon loft 1	2012	Germany
HDZ 1006	45	4	14	18	22	8	5	13	pigeon	feces from pigeon loft 1	2012	Germany
HDZ 1007	45	4	14	18	22	8	5	13	pigeon	feces from pigeon loft 1	2012	Germany
HDZ 1008	45	4	14	18	22	8	5	13	pigeon	feces from pigeon loft 1	2012	Germany
1458-1	48	13	8	19	10	15	16	4	human	unknown	2013	Germany

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HDZ 1009	45	4	14	18	22	8	5	13	pigeon	feces from pigeon loft 2	2013	Germany
HDZ 1011	45	4	14	18	22	8	5	13	pigeon	feces from pigeon loft 2	2013	Germany
HDZ 1012	45	4	14	18	22	8	5	13	pigeon	feces from pigeon loft 2	2013	Germany
HDZ 1015	49	15	8	8	11	9	1	1	pigeon	feces from pigeon loft 3	2013	Germany
HDZ 1016	49	15	8	8	11	9	1	1	pigeon	feces from pigeon loft 3	2013	Germany
HDZ 1017	49	15	8	8	11	9	1	1	pigeon	feces from pigeon loft 3	2013	Germany
HDZ 1019	19	9	8	8	11	9	1	1	pigeon	feces from pigeon loft 4	2013	Germany



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HDZ 1020	19	9	8	8	11	9	1	1	pigeon	feces from pigeon loft 4	2013	Germany
HDZ 1021	19	9	8	8	11	9	1	1	pigeon	feces from pigeon loft 4	2013	Germany
HDZ 1022	19	9	8	8	11	9	1	1	pigeon	feces from pigeon loft 4	2013	Germany
HDZ 1024	50	13	2	19	10	15	16	4	turkey	feces from turkey coop 1	2012	Germany
HDZ 1025	50	13	2	19	10	15	16	4	turkey	feces from turkey coop 1	2012	Germany
HDZ 1026	50	13	2	19	10	15	16	4	turkey	feces from turkey coop 1	2012	Germany
HDZ 1027	50	13	2	19	10	15	16	4	turkey	feces from turkey coop 1	2012	Germany

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HDZ 1028	50	13	2	19	10	15	16	4	turkey	feces from turkey coop 1	2012	Germany
HDZ 1029	50	13	2	19	10	15	16	4	turkey	feces from turkey coop 1	2012	Germany
HDZ 1030	50	13	2	19	10	15	16	4	turkey	feces from turkey coop 1	2012	Germany
HDZ 1031	50	13	2	19	10	15	16	4	turkey	feces from turkey coop 1	2012	Germany
HDZ 1032	50	13	2	19	10	15	16	4	turkey	feces from turkey coop 1	2012	Germany

2 <sup>1</sup> “National Reference Center of Streptococci Institute of Medical Microbiology, University Hospital (RWTH)”, Aachen

3 <sup>2</sup> “Servicio de Microbiología, Instituto Ramón y Cajal de Investigación Sanitaria (IRYCIS), Hospital Universitario Ramón y Cajal”,

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5 <sup>3</sup> „LADR GmbH MVZ Dr. Kramer & Colleagues, Geesthacht“