

**Online supplementary material A. Overview of *Mycoplasma genitalium* sequence types as published in literature and identified in this study.**

Sequence type	Original number	GenBank accession number	Reference	Comments
1	1	>MgPa 1	Hjorth	
2	2	>M2341 2	Hjorth	
3	3	>H-p7791B11 3	Hjorth	
4	4	>LF-p6486,L11 4	Hjorth	
5	5	>LF-p6257,J11 5	Hjorth	
6	6	>DK_pr9 6	Hjorth	
7	7	>M6271_E17-aus 7	Hjorth	
8	8	>66-0 8	Hjorth	
9a	9a	>DK16221 9	Hjorth	ST9 referred to twice, but two distinguishable ST types
9b	9b	>M6285_R65 9	Hjorth	ST9 referred to twice, but two distinguishable ST types
10	10	>H7755g1 10	Hjorth	
11	11	>M2321 11	Hjorth	
12	12	>H9504k1 12	Hjorth	
13	13	>LF-p7523,O11 13	Hjorth	
14	14	>M6286_R67 14	Hjorth	
15	15	>DK523 15	Hjorth	
16	16	>LF-p6601,M11 16	Hjorth	
17	17	>RYH214 17	Hjorth	
18	18	>76-0 18	Hjorth	
19	19	>LF-p7262,P11 19	Hjorth	
20	20	>M2300 20	Hjorth	
21	21	>2094_Umeå 21	Hjorth	
22	22	>314F_rus 22	Hjorth	
23	23	>45/01-UK_preg 23	Hjorth	
24	24	>5336_D 24	Hjorth	
25	25	>RYH217 25	Hjorth	
26	26	>RYH117 26	Hjorth	
27	27	>35M_rus 27	Hjorth	
28	28	>M6270_D24-aus 28	Hjorth	
29	29	>1-0 29	Hjorth	
30	30	>H346j1 30	Hjorth	
31	31	>DK15776 31	Hjorth	
32	32	>M2288 32	Hjorth	
33	33	>M6328_R66 33	Hjorth	
34	34	>19-0 34	Hjorth	
35	35	>RYH70 35	Hjorth	
36	36	>1182_Umeå 36	Hjorth	
37	37	>H12202o1 37	Hjorth	
38	38	>N4219 38	Hjorth	
39	39	>129-0 39	Hjorth	

40	40	>RYH23 40	Hjorth	
41	41	>RYH115 41	Hjorth	
42	42	>H12755v1 42	Hjorth	
43	43	>123-0 43	Hjorth	
44	44	>168-0 44	Hjorth	
45	45	>399F_rus 45	Hjorth	
46	46	>RYH181 46	Hjorth	
47	47	>18-0R 47	Hjorth	
48	48	>Taqman3672 48	Hjorth	
49	49	>DK11844 49	Hjorth	
50	50	>LF-p7551,S11 50	Hjorth	
51	51	>111-0 51	Hjorth	
52	52	>H13051f1 52	Hjorth	
53	53	>H-p9300A191 53	Hjorth	
54	54	>H97050g2 54	Hjorth	
55	55	>H8692 55	Hjorth	
56	56	>GU226259.1	Hjorth	Identical to ST9b
57	57	>EU131379.1	Ma	
58	58	>EU131380.1	Ma	
59	59	>EU131381.1	Ma	
60	60	>EU131382.1	Ma	
61	61	Unavailable	-	Not assigned by Ma <i>et al.</i> <sup>a</sup>
62	62	Unavailable	-	Not assigned by Ma <i>et al.</i> <sup>a</sup>
63	63	Unavailable	-	Not assigned by Ma <i>et al.</i> <sup>a</sup>
64	64	>FJ750827.1	Musatovova	
65	65	>FJ750828.1	Musatovova	
66	66	>FJ750829.1	Musatovova	
67	67	>FJ750830.1	Musatovova	Identical to ST7 <sup>b</sup>
68	68	>FJ750831.1	Musatovova	
69	69	>FJ750832.1	Musatovova	
70	70	>FJ750833.1	Musatovova	Identical to ST4 <sup>b</sup>
71	71	>FJ750834.1	Musatovova	
72	72	>FJ750835.1	Musatovova	
73	73	>FJ750836.1	Musatovova	Identical to ST74 <sup>b</sup>
74	74	>FJ750837.1	Musatovova	Identical to ST73 <sup>b</sup>
75	75	>FJ750838.1	Musatovova	Identical to ST6 <sup>b</sup>
76	76	>FJ750839.1	Musatovova	Identical to ST5 <sup>b</sup>
77	77	>FJ750840.1	Musatovova	
78	78	>FJ750841.1	Musatovova	
79	79	>FJ750842.1	Musatovova	
80	80	>FJ750843.1	Musatovova	
80a		>FJ750844.1	Musatovova	Extra assigned ST <sup>c</sup>
81	81	>HM565865.1	Cazanave	
82	82	>HM565866.1	Cazanave	
83	83	>HM565867.1	Cazanave	
84	84	>HM565868.1	Cazanave	
85	85	>HM565869.1	Cazanave	

86	86	>HM565870.1	Cazanave	
87	87	>HM565871.1	Cazanave	
88	88	>HM565872.1	Cazanave	
89	A	>KC445151.1	Pond	New assigned <sup>d</sup>
90	B	>KC445140.1	Pond	New assigned <sup>d</sup>
91	C	>KC445142.1	Pond	New assigned <sup>d</sup>
91a	Ca	>KC445150.1	Pond	New assigned <sup>d</sup>
92	D	>KC445143.1	Pond	New assigned <sup>d</sup>
93	E	>KC445145.1	Pond	New assigned <sup>d</sup>
94	F	>KC445147.1	Pond	New assigned <sup>d</sup>
95	G	>KC445152.1	Pond	New assigned <sup>d</sup>
96	H	>KC445155.1	Pond	New assigned <sup>d</sup>
97	I	>KC445159.1	Pond	New assigned <sup>d</sup>
98	J	>KC445154.1	Pond	New assigned <sup>d</sup>
99	RRI-076	To be assigned	MN543061	
100	BLG243	To be assigned	MN543062	
101	JR-810	To be assigned	MN543063	
102	BLG335	To be assigned	MN543064	
103	BLG228	To be assigned	MN543065	
104	BLG302	To be assigned	MN543066	
105	ANOVA179	To be assigned	MN543067	
106	ANOVA229	To be assigned	MN543068	

<sup>a</sup> Ma *et al* described 4 new STs, hence ST61-63 are not assigned

<sup>b</sup> Musatovova *et al.* identified 18 ST, some ST described in that study were identical to previously described ST

<sup>c</sup> Musatovova *et al.* identified 18 ST, only 17 were assigned a number according to Cazanave *et al.*

<sup>d</sup> Pond *et al.* described 11 new ST, but labeled A-J, here ST numbers have been assigned extending the Cazanave *et al.* numbering