

Table 1 ANI, GGDC, DDH, *rpoB* and AAI genomic relatedness among the type strains *M. abscessus subsp. abscessus* ATCC 19977, *M. abscessus subsp. massiliense* GO 06 and *M. abscessus subsp. bolletii* CIP 108541

A: ANI, GGDC, DDH and *rpoB* similarity values among the MABC

Genome 1	Genome 2	OrthoANI value (%)	Original ANI value (%)	GGDC distance	Formula 2		<i>rpoB</i> similarit y
					Dista nce	DDH estimate	
<i>Mycobacterium_abscessus_s ubsp_abscessus</i>	<i>Mycobacterium_abscessus_su bsp_bolletii</i>	97.3906	97.1484	0.026672 229	0.026 7	77. 20%	97.78
<i>Mycobacterium_abscessus_s ubsp_abscessus</i>	<i>Mycobacterium_abscessus_su bsp_massiliense</i>	97.3751	97.2282	0.027495 489	0.027 5	76. 60%	98.067
<i>Mycobacterium_abscessus_s ubsp_bolletii</i>	<i>Mycobacterium_abscessus_su bsp_massiliense</i>	96.94	96.7821	0.031488 937	0.031 5	73. 40%	

The ANI values were obtained by using OrthoANI calculator[32], and the GGDC and DDH values were obtained from <http://ggdc.dsmz.de/ggdc.php#>.

The *rpoB* similarity was determined by pairwise alignment of sequences based on BLAST

B: AAI value values among the MABC

SeqA	SeqB	AAI	SD	N	Omeg a	Fr _x
Mycobacterium_abscessus_subsp.massilie nse	Mycobacterium_abscessus_subsp.massilie nse	100		0	455 6	99.9561 2
Mycobacterium_abscessus_subsp_abscessu s	Mycobacterium_abscessus_subsp.massilie nse	97.9505269 3	4.73846818	427 9	4558 0	93.6814 4
Mycobacterium_abscessus_subsp_abscessu s	Mycobacterium_abscessus_subsp_abscessu s	100		0	494 0	99.9595 3
Mycobacterium_abscessus_subsp_bolletii	Mycobacterium_abscessus_subsp.massilie nse	97.6233239 1	4.93923620	424 4	4558 5	93.1329 5
Mycobacterium_abscessus_subsp_bolletii	Mycobacterium_abscessus_subsp_abscessu s	97.6113439	6.81469740	435 2	4898 3	88.8730 1
Mycobacterium_abscessus_subsp_bolletii	Mycobacterium_abscessus_subsp_bolletii	100		0	489 2	99.8775

The ANI values were obtained from <http://enve-omics.ce.gatech.edu/g-matrix/>.