

Supplementary data

Figure S1. Colonies color of *Metabacillus schmidteae*.

Colonies color on the blood agar (A and B) and on LB agar (B and C). Bacterial colonies appear with a white color shape

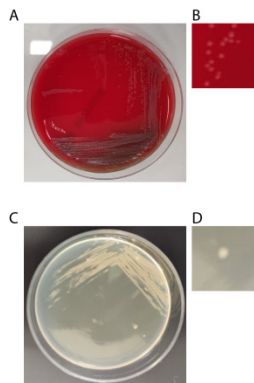


Figure S2. Electron Micrograph of *Metabacillus schmidteae* Spore.

Electron microscopy of spore, scale bar = 5.00 μ m. Black arrow indicated spores.

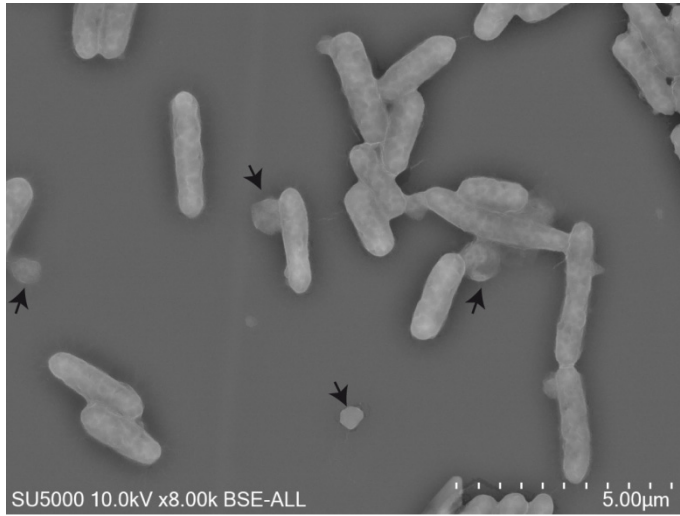


Figure S3. MALDI-TOF spectrum of *Metabacillus schmidteae* strain Marseille-P9898. The spectra from 12 individual colonies were compared, and the reference spectrum was generated.

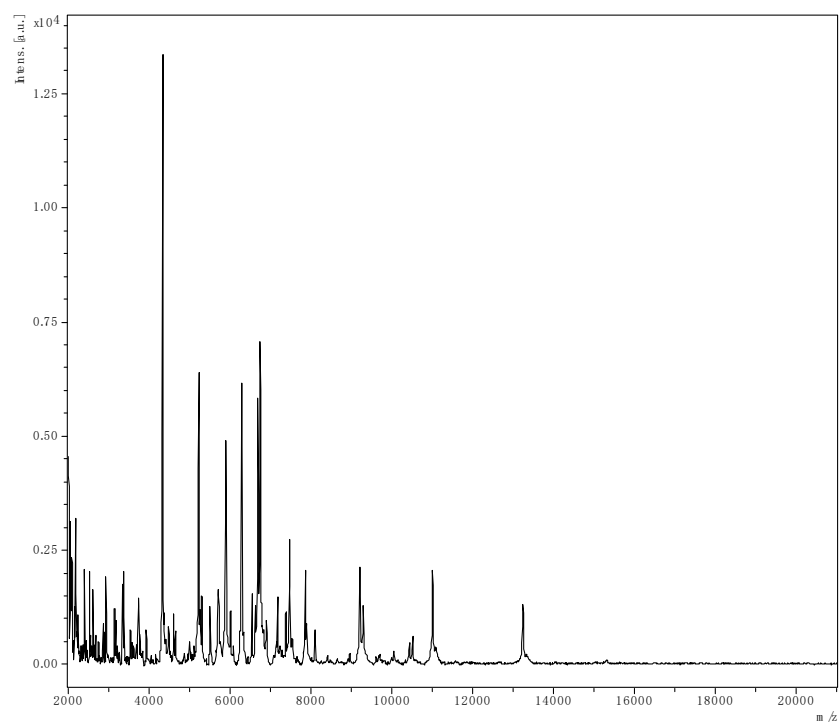


Table S1. GenBank accession numbers of the type strains. This table was updated according the new reclassification.

Names	Accession number
<i>Metabacillus schmidteae</i> strain Marseille-P9898 ^T	LR797940.1
<i>Metabacillus niabensis</i> strain 4T19 ^T	NR_043334.1
<i>Metabacillus malikii</i> strain NCCP-662 ^T	NR_146005.1
<i>Metabacillus crassostreae</i> strain JSM 100118 ^T	HQ419276
<i>Metabacillus halosaccharovorans</i> strain E33 ^T	NR_109116.1
<i>Metabacillus litoralis</i> strain SW-211 ^T	NR_043015.1
<i>Bacillus frigoritolerans</i> strain DSM 8801 ^T	NR_115064.1
<i>Mesobacillus foraminis</i> strain CV53 ^T	NR_042274.1
<i>Mesobacillus subterraneus</i> strain COOI3B ^T	NR_104749.1
<i>Metabacillus herbersteinensis</i> strain D-15a ^T	NR_042286.1
<i>Neobacillus niacini</i> strain IFO15566 ^T	NR_024695.1
<i>Bacillus licheniformis</i> strain DSM 13 ^T	NR_118996.1
<i>Bacillus flexus</i> strain IFO15715 ^T	NR_024691.1
<i>Bacillus oryzisoli</i> strain 1DS3-10 ^T	NR_151979.1
<i>Bacillus acidicola</i> strain 105-2 ^T	NR_041942.1
<i>Cytobacillus gottheilii</i> strain WCC 4585 ^T	NR_108491.1
<i>Bacillus aryabhattai</i> B8W22 ^T	NR_115953.1
<i>Neobacillus bataviensis</i> strain NBRC 102449 ^T	NR_114093.1
<i>Metabacillus galliciensis</i> strain BFLP-1 ^T	NR_116886.1
<i>Neobacillus novalis</i> strain IDA3307 ^T	NR_042168.1
<i>Metabacillus fastidiosus</i> strain NBRC 101226 ^T	NR_113989.1
<i>Peribacillus simplex</i> strain DSM 1321 ^T	NR_042136.1
<i>Bacillus tianshenii</i> strain YIM M13235 ^T	NR_133704.2
<i>Bacillus horikoshii</i> strain DSM 8719 ^T	NR_119070.1
<i>Metabacillus endolithicus</i> strain JC267 ^T	NR_145872.1
<i>Metabacillus indicus</i> strain Sd/3 ^T	NR_029022.1