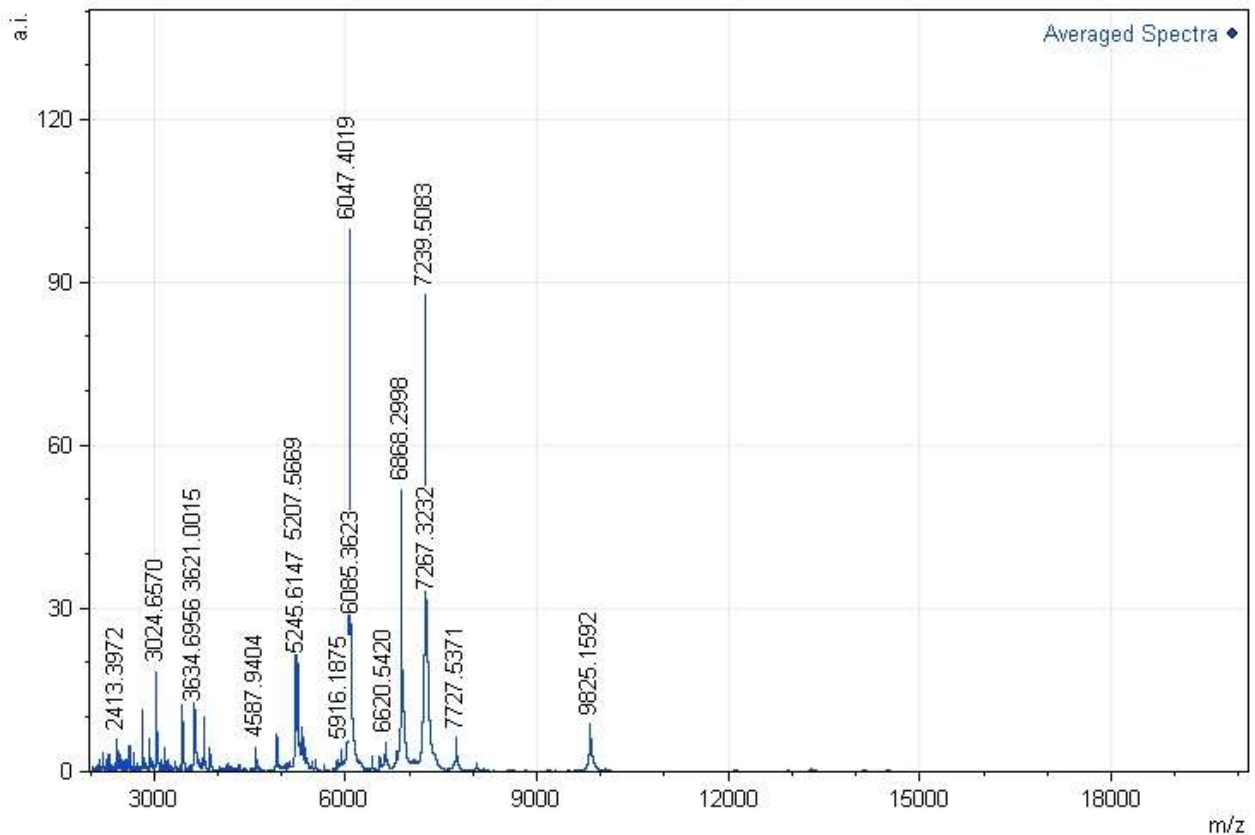


Strain info

- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** 47(6)il
- 3) **Taxonomy:** *Bacillus pumilus*
- 4) **GenBank:** KP699765
- 5) **Isolated from:** Horosheye Lake (47), the Novosibirsk region. Bottom sediment. June 2009
- 6) **Growth conditions:** medium – S4 (100g/l NaCl, 5g/l MgCl₂, 1g/l KCl, 1g/l CaCl₂, 4g/l triphthone, 2g/l yeast extract), temperature - 37°C, time - 18h
- 7) **Sample preparation:** Ethanol–formic acid extraction
Freiwald, A., & Sauer, S. (2009). Phylogenetic classification and identification of bacteria by mass spectrometry. *Nature Protocols*, 4(5), 732–42. doi:10.1038/nprot.2009.37
- 8) **Instrument:** MALDI TOF Ultraflex III, Bruker Daltonics GmbH
- 9) **Spectrum image:**
Average of 37 spectra



10) Peak list:

Average of 37 spectra

Average mass, Da	Average int., %	Average mass, Da	Average int., %
2185.5	3.3	5245.6	19.9
2413.4	5.7	5314.9	8.1
2580.5	4.5	5352.9	4.4
2609.1	4.6	5517.6	2.2
2673.4	3.5	5856.6	2.1
2810.8	11.3	5916.2	4.1
2914.3	5.8	6047.4	100.0
3024.7	18.2	6075.1	26.0
3046.5	7.0	6085.4	27.2
3153.4	4.4	6403.8	2.7
3435.4	12.2	6524.9	2.8
3621.0	31.3	6597.5	3.0
3634.7	11.3	6620.5	5.3
3763.9	10.0	6777.3	3.7
3865.0	4.3	6868.3	51.9
4305.9	1.2	6895.8	16.2
4587.9	4.5	7239.5	87.8
4913.5	7.0	7267.3	31.7
4927.2	3.0	7727.5	6.3
5207.6	40.8	8039.4	1.5
5229.6	12.4	9825.2	8.8