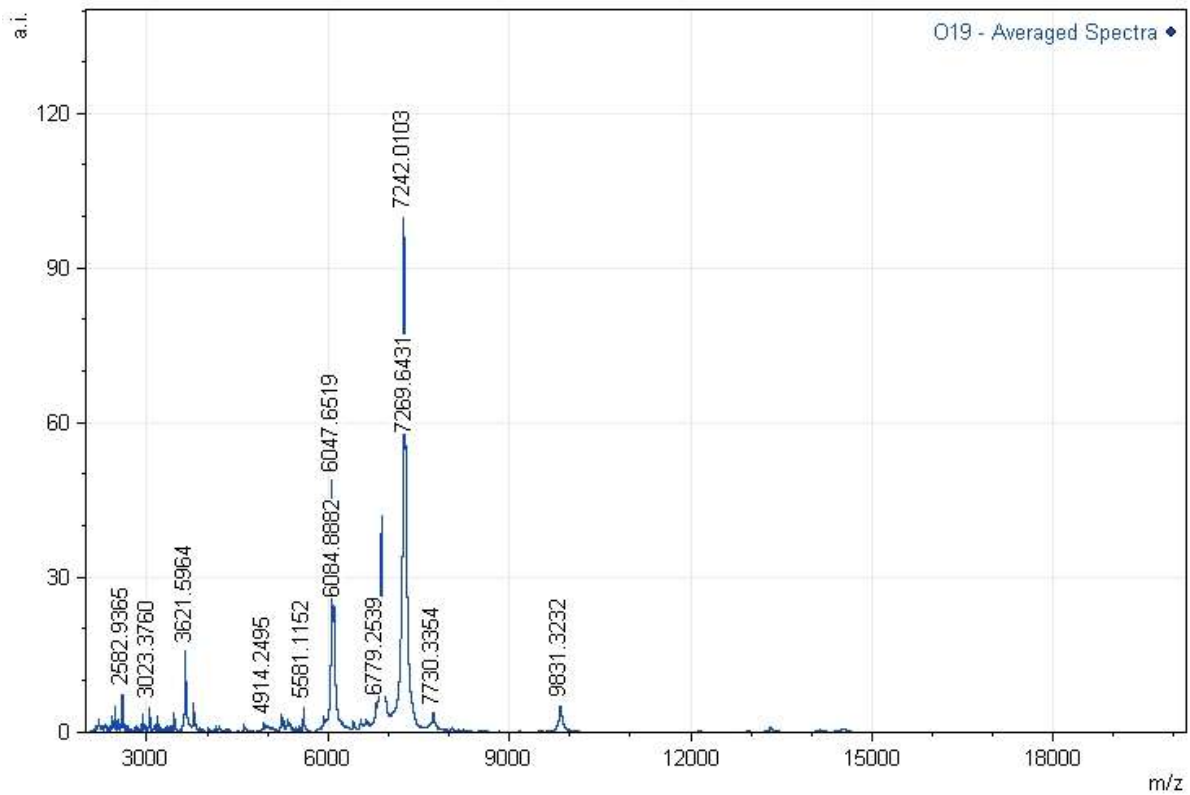


## Strain info

- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** O19
- 3) **Taxonomy:** *Bacillus pumilus*
- 4) **GenBank:** KP699775
- 5) **Isolated from:** Dolgoye Lake (44), the Novosibirsk region. Water samples. June 2009
- 6) **Growth conditions:** medium - LB, 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 22 spectra



10) Peak list:

Average of 22 spectra

Average mass, Da	Average int., %	Average mass, Da	Average int., %
2187.0	2.3	5314.8	2.5
2403.3	2.6	5353.8	1.9
2469.8	4.5	5581.1	4.8
2582.9	7.0	5917.5	3.3
2914.6	3.3	6047.7	49.0
3023.4	4.7	6084.9	24.5
3153.7	3.0	6404.4	2.0
3436.4	3.7	6526.4	2.2
3621.6	15.6	6621.3	2.2
3764.7	5.6	6779.3	5.6
4588.6	1.6	6870.1	41.9
4914.2	1.7	7242.0	100.0
5207.1	3.2	7269.6	56.5
5231.2	1.7	7730.3	3.7
5246.5	2.6	9831.3	5.1