

## Strain info

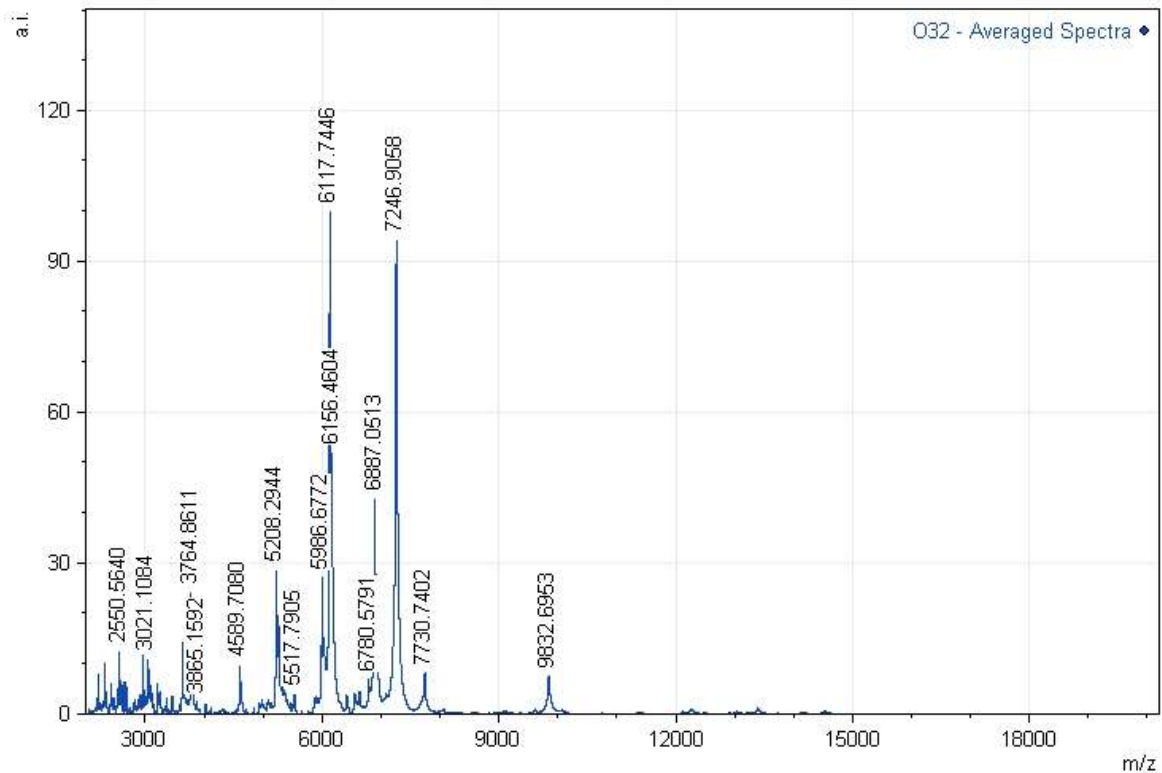
- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** O32
- 3) **Taxonomy:** *Bacillus pumilus*
- 4) **GenBank:** KP699772
- 5) **Isolated from:** Gorkoye Lake (42), the Novosibirsk region. Bottom sediment. June 2009
- 6) **Growth conditions:** medium - 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 31 spectra



10) Peak list:

Average of 31 spectra

Average mass, Da	Average int., %
2190.8	7.7
2293.4	9.6
2414.7	5.6
2519.4	4.8
2550.6	12.2
2583.2	5.4
2638.2	6.1
2676.4	5.2
2943.5	11.2
3021.1	10.2
3049.8	7.0
3060.0	8.5
3196.1	5.7
3343.7	3.0
3445.5	3.4
3624.2	14.1
3764.9	23.9
3865.2	2.3
4009.8	1.8
4307.2	1.0

Average mass, Da	Average int., %
4589.7	9.6
4917.6	2.2
5208.3	28.3
5231.2	14.6
5247.3	19.3
5517.8	3.7
5986.7	26.9
6025.7	15.1
6117.7	99.8
6140.2	47.3
6156.5	51.6
6405.7	3.7
6540.5	3.8
6622.4	4.3
6780.6	6.8
6887.1	42.7
7246.9	94.2
7730.7	8.2
9832.7	7.5