

## Strain info

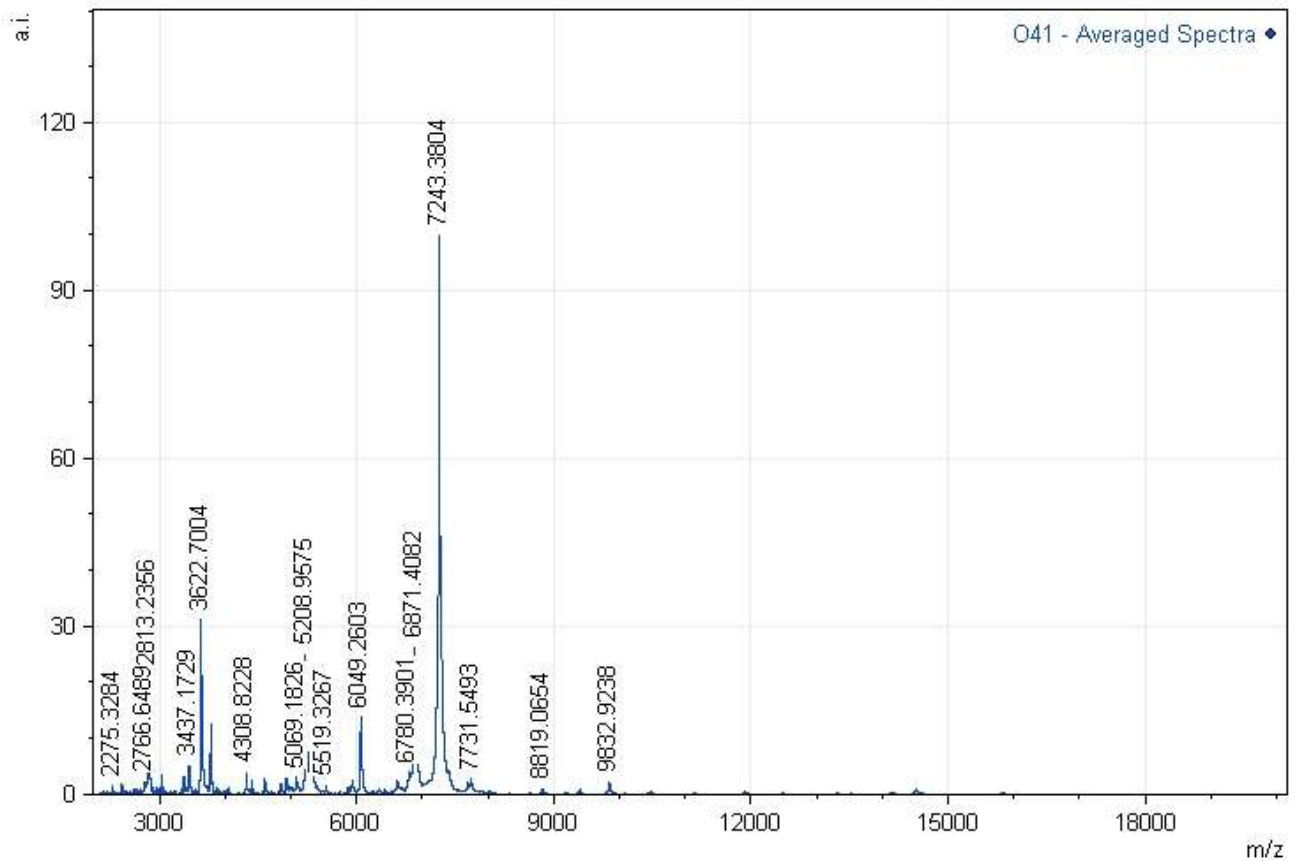
- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** O41
- 3) **Taxonomy:** *Bacillus pumilus*
- 4) **GenBank:** KP699767
- 5) **Isolated from:** Krugloye Lake (45), the Novosibirsk region. Bottom sediment. June 2009
- 6) **Growth conditions:** medium - 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 36 spectra



10) Peak list:

Average of 36 spectra

Average mass, Da	Average int., %
2275.3	1.5
2415.8	1.8
2766.6	2.3
2813.2	21.3
2829.3	6.8
3024.1	3.4
3356.9	3.2
3437.2	5.1
3622.7	31.2
3765.7	12.5
4308.8	3.9
4391.0	2.4
4590.6	2.9
4838.1	1.9
4916.8	2.7
5069.2	3.0

Average mass, Da	Average int., %
5209.0	25.1
5231.4	11.3
5247.3	7.7
5302.0	6.7
5519.3	1.7
5918.6	2.5
6049.3	13.8
6601.3	2.3
6621.5	2.2
6780.4	3.9
6871.4	26.3
7243.4	100.0
7680.2	2.3
7731.5	2.7
8819.1	1.1
9832.9	2.3