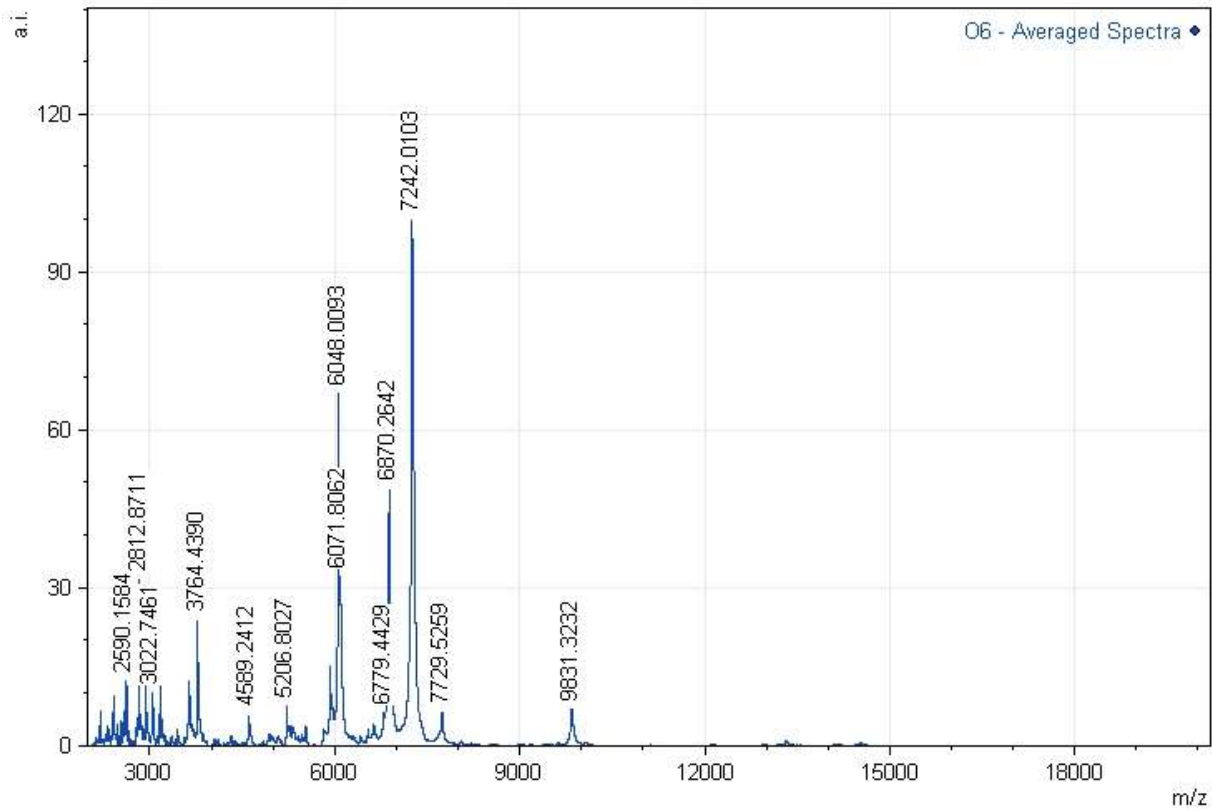


## Strain info

- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** O6
- 3) **Taxonomy:** *Bacillus pumilus*
- 4) **GenBank:** KP699774
- 5) **Isolated from:** Solyenoye Lake (48), 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 30 spectra



10) Peak list:

Average of 30 spectra

Average mass, Da	Average int., %
2184.5	6.3
2384.1	5.9
2413.3	9.1
2470.1	3.6
2519.5	4.2
2590.2	11.9
2611.5	11.1
2812.9	31.2
2915.1	17.0
2939.3	6.0
2955.0	4.7
3022.7	9.8
3048.4	6.8
3154.2	12.5
3178.4	3.8
3194.9	4.9
3436.5	3.1
3621.0	12.2
3633.5	9.6

Average mass, Da	Average int., %
3764.4	23.6
3790.5	6.2
4589.2	5.8
5206.8	7.4
5231.4	3.5
5248.7	3.6
5301.0	3.7
5458.6	2.1
5518.0	3.6
5917.2	15.1
6048.0	66.7
6071.8	31.9
6622.3	4.1
6779.4	6.3
6870.3	48.7
7242.0	100.0
7729.5	6.4
9831.3	6.9