

## Strain info

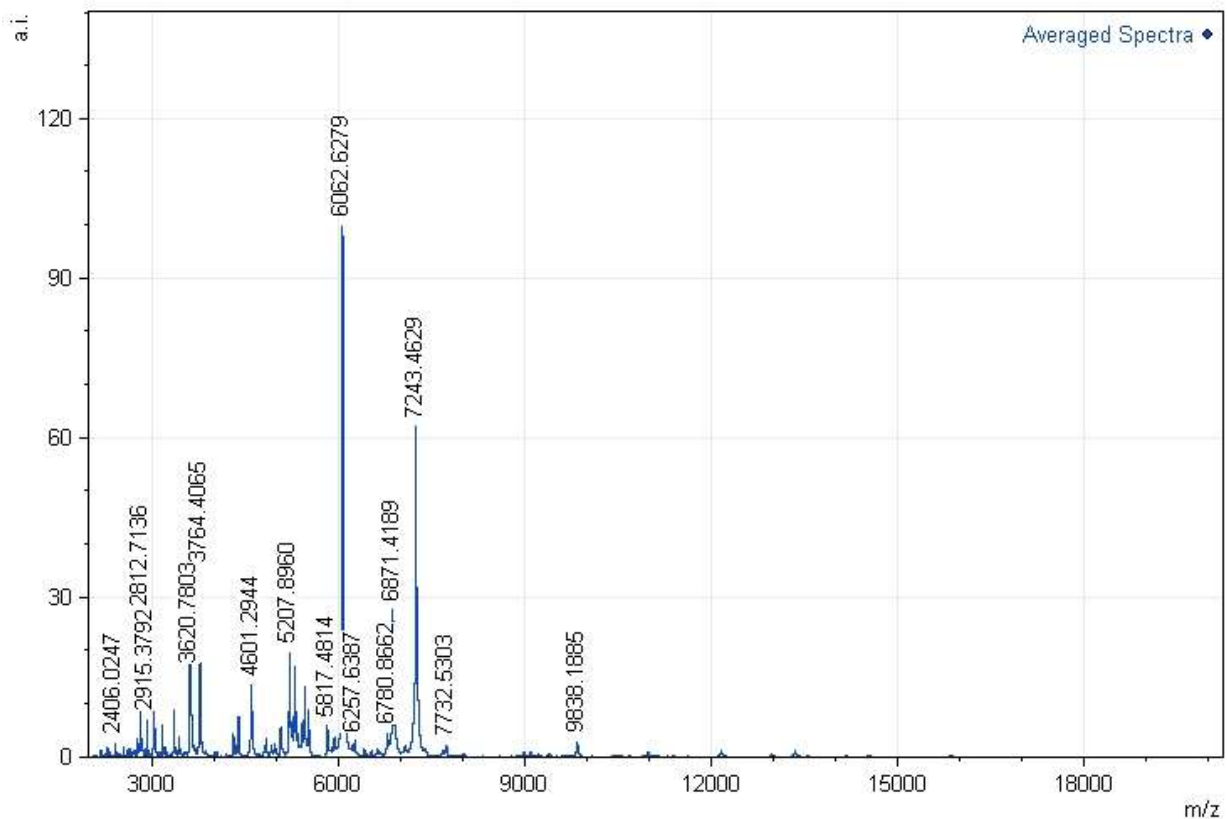
- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** 48(1)w
- 3) **Taxonomy:** *Bacillus pumilus*
- 4) **GenBank:** KP699765
- 5) **Isolated from:** Horosheye Lake (47), the Novosibirsk region. Bottom sediment. June 2009
- 6) **Growth conditions:** medium - 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 37 spectra



10) Peak list:

Average of 37 spectra

Average mass, Da	Average int., %	Average mass, Da	Average int., %
2269.4	1.9	4967.2	2.6
2406.0	2.6	5067.6	5.7
2535.6	2.0	5207.9	19.6
2764.8	3.1	5230.5	6.5
2812.7	26.4	5246.8	4.7
2834.1	3.2	5274.3	7.6
2915.4	6.8	5300.3	16.8
3021.5	6.4	5339.7	4.2
3032.4	13.0	5415.1	6.1
3168.4	6.1	5449.1	13.0
3356.1	9.0	5518.2	8.6
3436.5	3.9	5817.5	5.9
3609.2	22.6	5931.5	3.8
3620.8	15.9	6062.6	100.0
3764.4	34.9	6257.6	3.0
4307.4	4.4	6621.8	1.4
4389.8	7.5	6780.9	4.5
4588.8	11.5	6871.4	27.8
4601.3	13.6	7243.5	62.1
4836.9	3.4	7732.5	2.3
4915.2	2.2	9838.2	2.9