

## Strain info

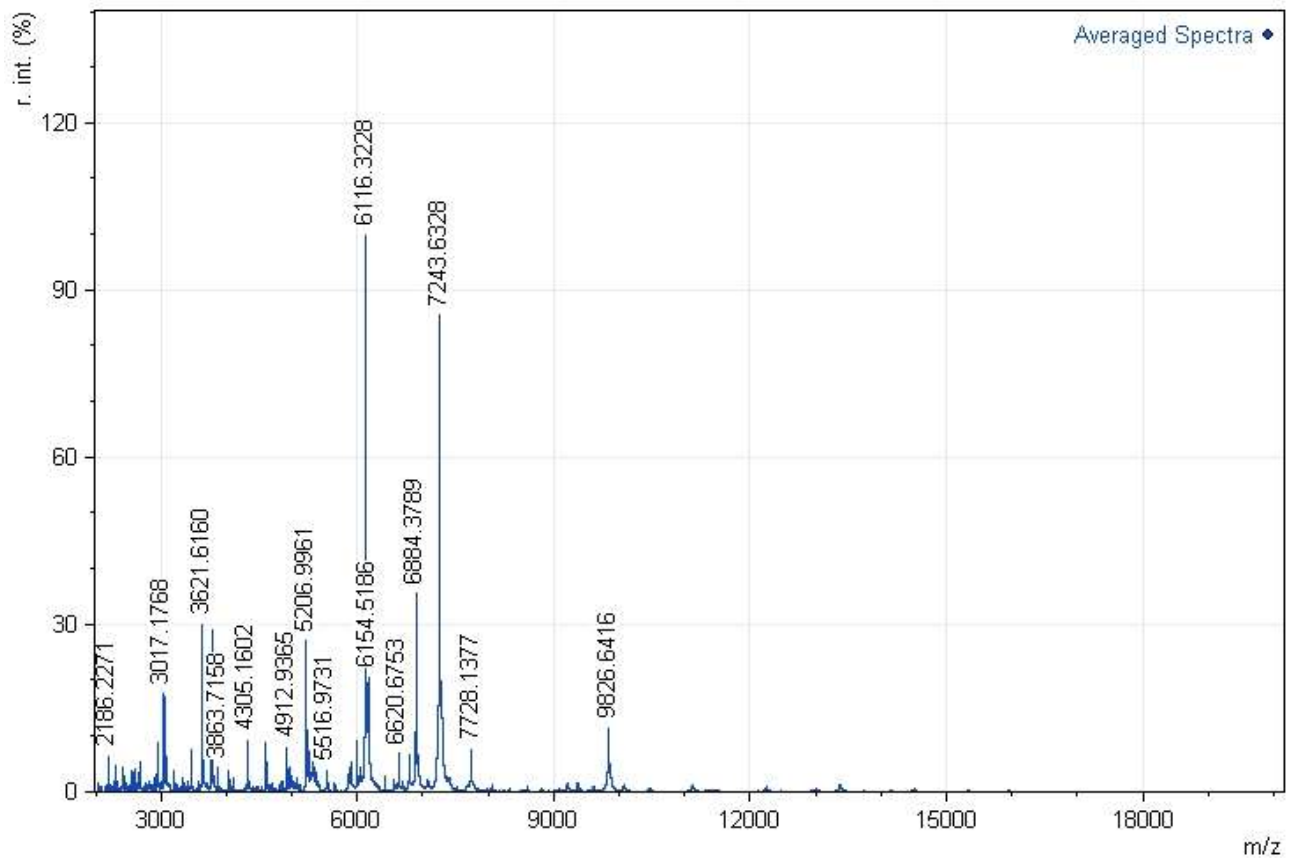
- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** 3U
- 3) **Taxonomy:** *Bacillus pumilus*
- 4) **GenBank:** KP699770
- 5) **Isolated from:** Swamp near the village Ursk, Kemerovo region. Bottom sediment. June 2011
- 6) **Growth conditions:** medium - 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 38 spectra



10) Peak list:

Average of 38 spectra

Average mass, Da	Average int., %
2186.2	6.3
2288.7	4.5
2410.4	4.3
2546.1	3.7
2578.9	4.1
2634.8	3.4
2671.5	5.2
2940.4	8.8
3017.2	17.6
3045.3	13.3
3057.6	17.0
3441.9	7.5
3621.6	30.2
3762.1	29.1
3863.7	4.4
4007.5	3.6
4305.2	9.3
4587.0	8.7
4599.7	5.4
4912.9	8.0

Average mass, Da	Average int., %
4966.9	4.5
5207.0	27.1
5228.7	4.7
5245.1	7.2
5299.8	8.6
5517.0	3.8
5846.5	3.2
5869.0	4.4
5897.1	5.4
5985.3	9.1
6116.3	100
6154.5	20.6
6620.7	6.8
6777.7	6.4
6884.4	35.6
6911.9	6.5
7243.6	85.5
7271.7	18.6
7728.1	7.6
9826.6	11.4