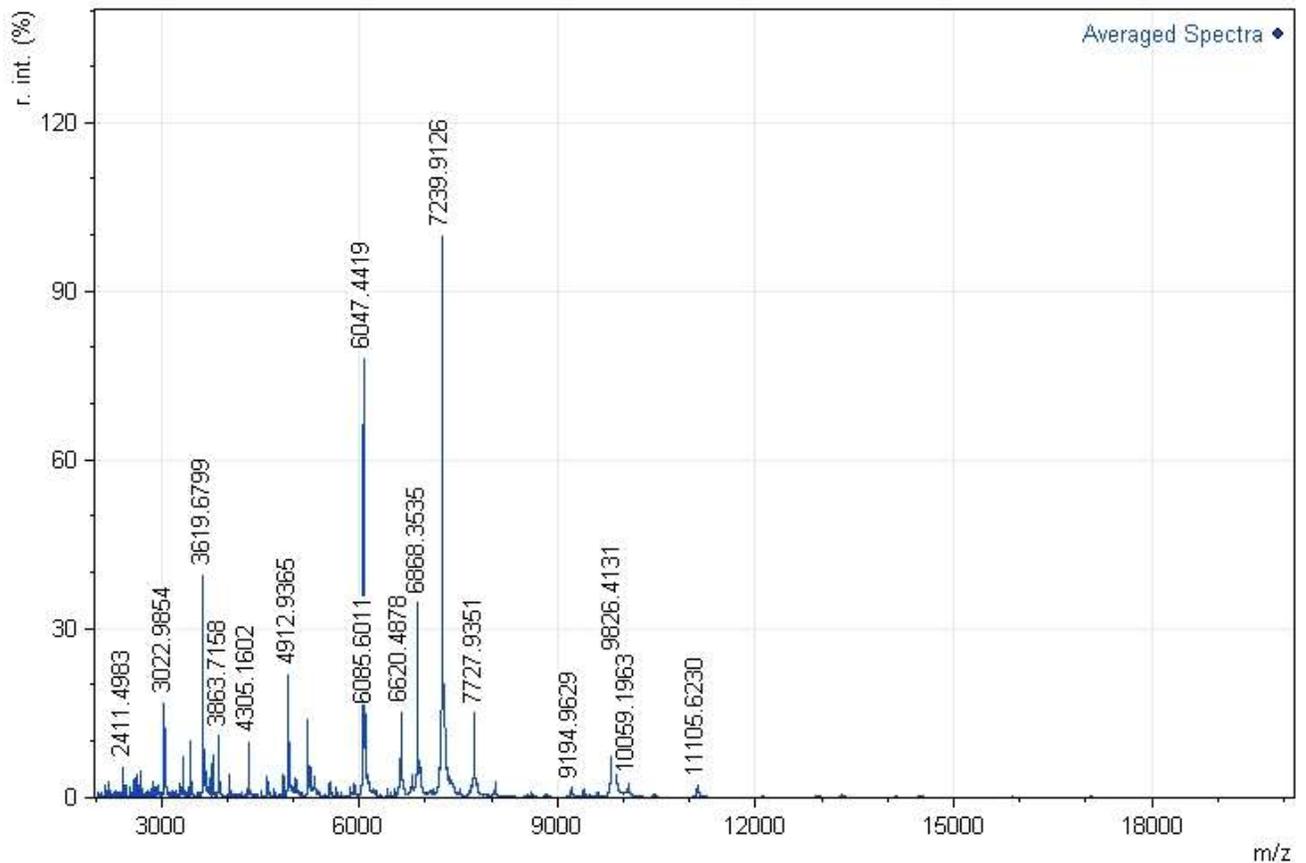


Strain info

- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** 10U
- 3) **Taxonomy:** *Bacillus pumilus*
- 4) **GenBank:** KP699771
- 5) **Isolated from:** Ur River, near the village Ursk, Kemerovo region. Water samples. 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 37 spectra



10) Peak list:

Average of 37 spectra

Average mass, Da	Average int., %	Average mass, Da	Average int., %
2411.5	5.4	5207.0	13.9
2578.8	3.4	5245.2	5.3
2607.6	3.9	5299.2	3.7
2672.6	4.6	5916.5	2.2
3023.0	16.8	6047.4	78.2
3045.0	12.3	6085.6	15.0
3309.7	7.4	6598.2	6.8
3434.1	10.1	6620.5	15.1
3619.7	39.6	6777.7	4.1
3633.1	8.4	6868.4	34.7
3672.6	4.6	6896.2	6.2
3717.1	3.4	7239.9	100.0
3762.4	7.7	7267.7	20.1
3863.7	11.0	7727.9	15.1
4007.5	4.3	8040.3	2.8
4305.2	9.8	9195.0	1.8
4587.2	3.7	9379.8	1.4
4597.9	2.8	9826.4	24.4
4834.6	4.2	10059.2	2.5
4912.9	21.8	11105.6	2.1