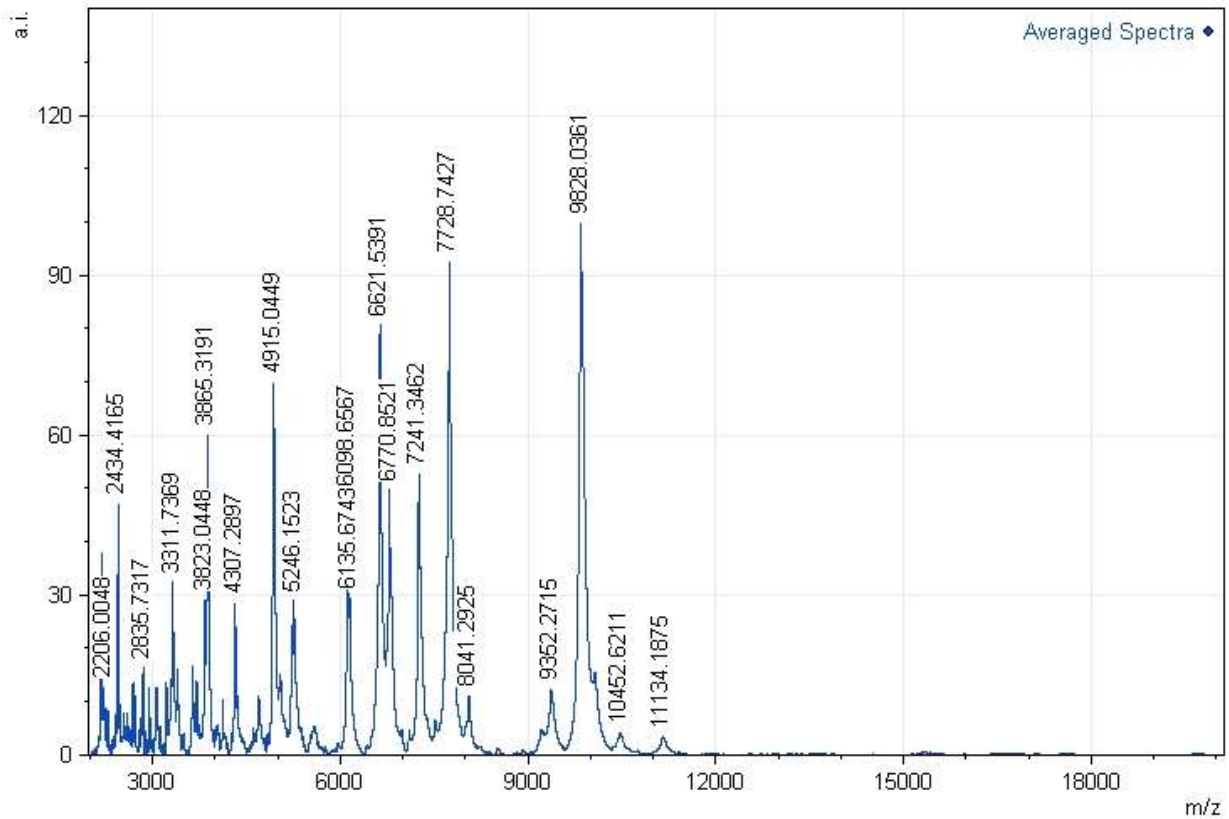


## Strain info

- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** k6dt
- 3) **Taxonomy:** *Bacillus altitudinis*
- 4) **GenBank:** KP699783
- 5) **Isolated from:** Uzon Caldera, U-4, Kamchatka. May 2012
- 6) **Growth conditions:** medium - MPA, 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., %
2167.8	37.3
2206.0	12.0
2269.1	7.7
2434.4	45.8
2674.6	12.4
2706.3	10.1
2835.7	16.0
2936.8	12.5
3048.6	12.3
3067.4	8.1
3104.3	5.0
3208.4	12.8
3230.8	6.6
3278.6	13.2
3311.7	31.5
3386.1	15.1
3621.9	16.4
3692.0	13.9
3823.0	29.1

Average mass, Da	Average int., %
3865.3	60.1
4113.0	10.2
4307.3	28.2
4341.3	10.7
4915.0	69.4
5208.3	24.0
5246.2	28.6
6098.7	48.7
6135.7	29.6
6621.5	80.3
6770.9	49.2
7241.3	52.4
7728.7	92.5
8041.3	11.0
9352.3	12.3
9828.0	99.8
10452.6	4.1
11134.2	3.3