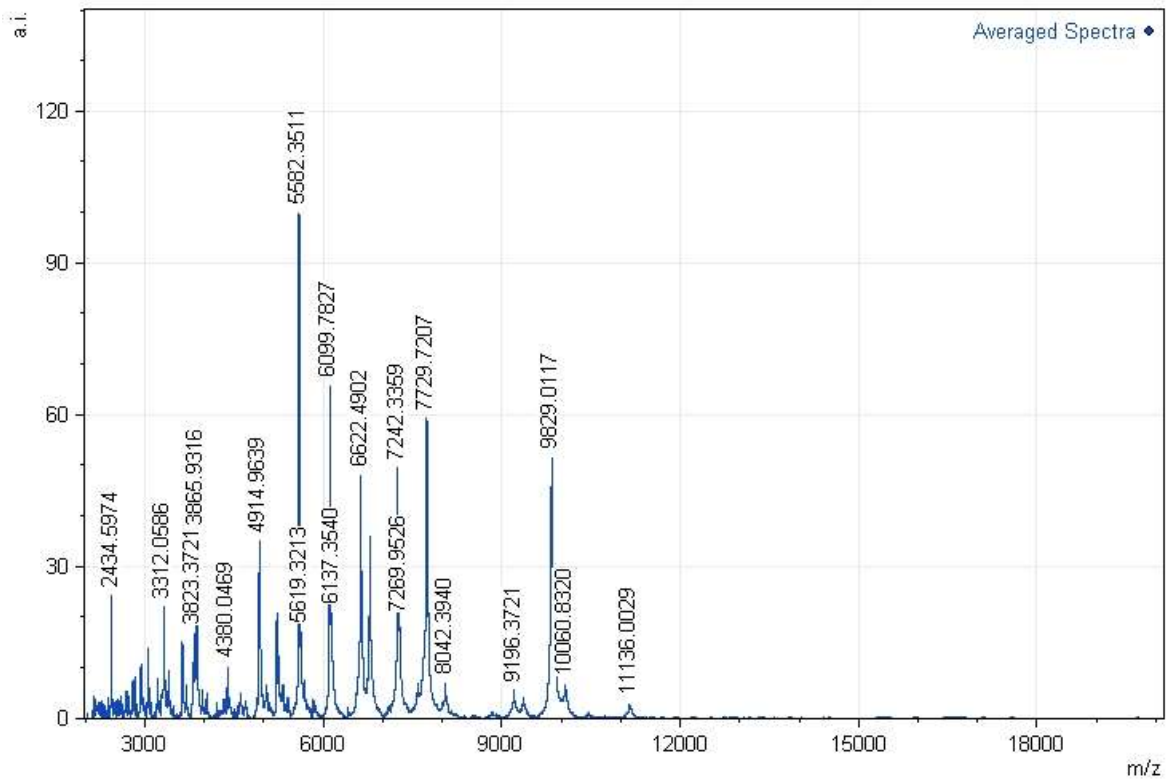


Strain info

- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** KG16(3)
- 3) **Taxonomy:** *Bacillus altitudinis*
- 4) **GenBank:** KP699781
- 5) **Isolated from:** Valley of Geysers, G-16, Kamchatka. September 2011
- 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., %
2434.6	23.8
2792.0	7.6
2836.6	8.1
2926.4	10.8
2937.2	9.3
3049.8	13.8
3312.1	21.8
3385.9	9.3
3621.6	15.1
3823.4	16.9
3865.9	36.5
3952.0	5.7
4308.2	3.0
4380.0	10.1
4915.0	35.0
5209.1	20.8
5248.0	12.1
5293.2	6.4

Average mass, Da	Average int., %
5582.4	100.0
5619.3	17.0
5683.1	7.5
6099.8	65.8
6137.4	20.9
6622.5	47.8
6771.9	35.7
7242.3	49.5
7270.0	19.5
7688.5	16.5
7729.7	59.4
8042.4	7.0
9196.4	5.6
9354.6	4.2
9829.0	51.6
10060.8	6.7
11136.0	2.8