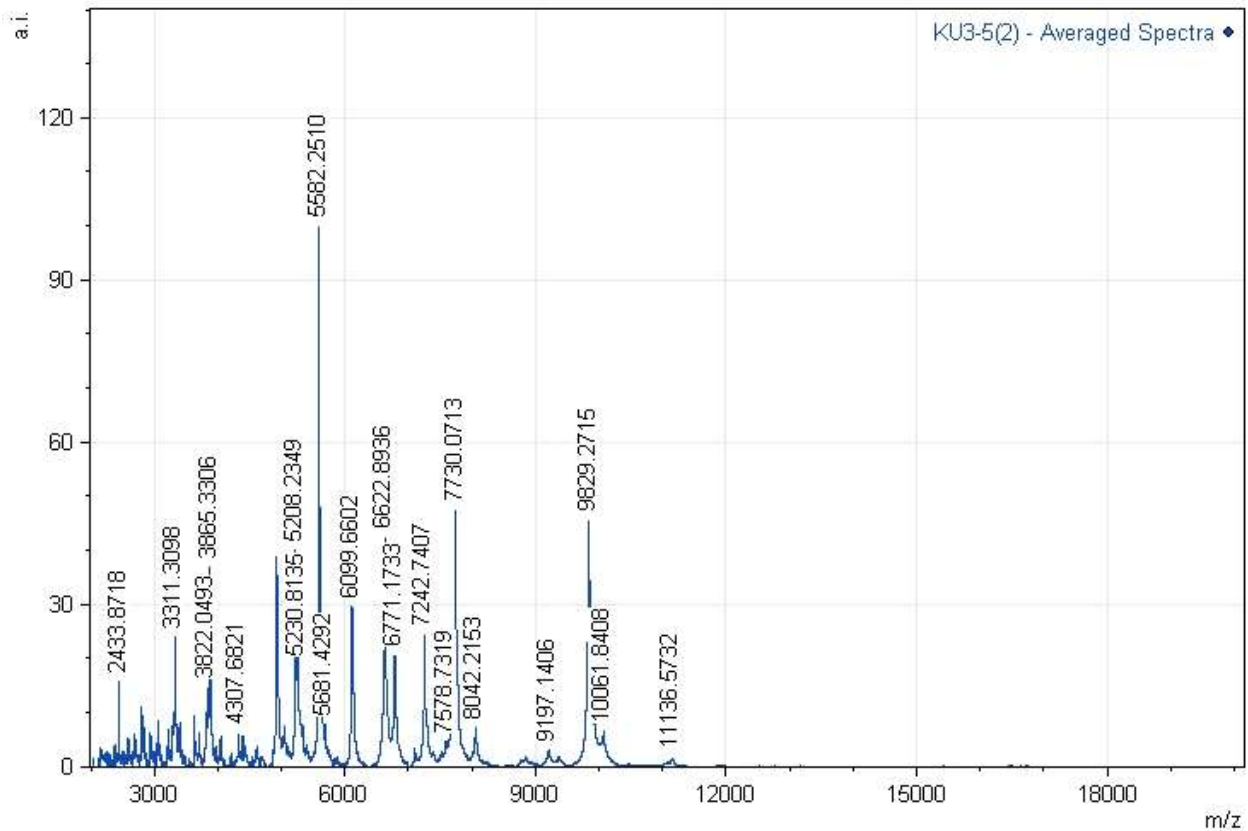


Strain info

- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** KU3-5(2)
- 3) **Taxonomy:** *Bacillus altitudinis*
- 4) **GenBank:** KP699787
- 5) **Isolated from:** Uzon Caldera, U-3-5, 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., %
2433.9	15.2
2576.6	5.0
2674.4	5.6
2790.8	10.8
2836.1	7.0
2925.4	6.4
3049.2	8.4
3208.6	6.6
3311.3	23.5
3385.4	7.7
3621.7	9.3
3692.0	6.2
3822.0	14.6
3865.3	36.9
4307.7	6.1
4379.1	5.5
4914.5	39.0
5031.0	7.4
5208.2	40.0

Average mass, Da	Average int., %
5230.8	18.8
5247.3	30.4
5582.3	100.0
5618.4	21.8
5681.4	7.7
6099.7	29.6
6122.3	16.3
6622.9	42.3
6771.2	20.5
7090.3	3.5
7242.7	24.3
7578.7	4.6
7730.1	47.4
8042.2	7.1
9197.1	3.1
9829.3	45.6
10061.8	6.5
11136.6	1.6