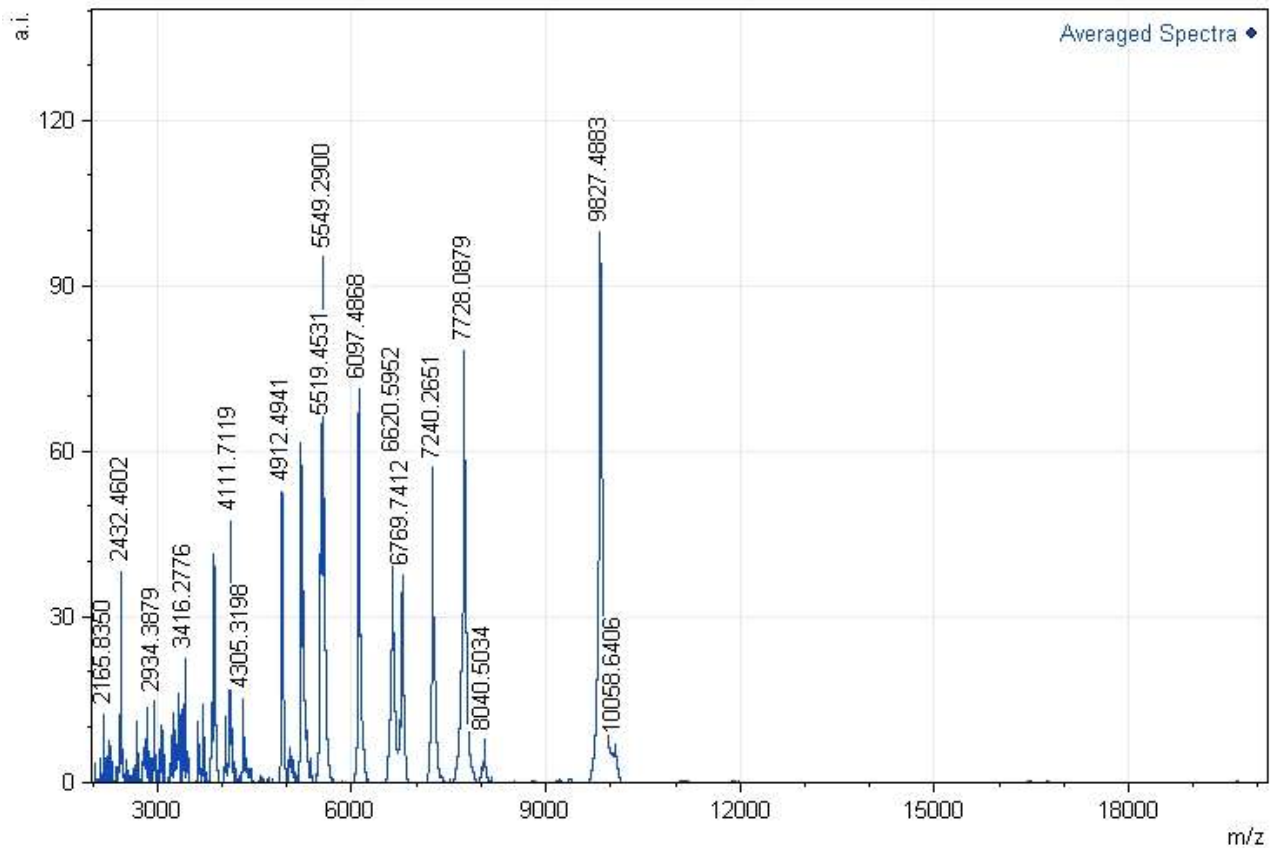


## Strain info

- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** Cd1
- 3) **Taxonomy:** *Bacillus altitudinis*
- 4) **GenBank:** KP699779
- 5) **Isolated from:** Novosibirsk reservoir. Rhizosphere of water hyacinth. July 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 32 spectra



10) Peak list:

Average of 32 spectra

Average mass, Da	Average int., %
2165.8	12.4
2231.5	7.5
2399.5	12.4
2432.5	38.3
2669.4	11.2
2833.7	13.4
2934.4	14.7
3047.2	10.5
3062.1	9.6
3229.5	12.7
3270.5	9.5
3309.8	16.2
3340.0	12.3
3382.8	14.2
3416.3	22.5
3619.6	10.9
3689.9	14.1
3702.7	8.6
3820.8	14.5
3863.6	41.5

Average mass, Da	Average int., %
4037.4	12.1
4111.7	47.5
4139.2	9.7
4305.3	15.2
4340.6	8.3
4912.5	52.9
5206.7	61.7
5231.2	38.5
5245.3	34.7
5519.5	65.0
5549.3	95.3
6097.5	71.5
6620.6	58.4
6769.7	37.7
7240.3	57.1
7728.1	78.5
8040.5	7.7
9827.5	100.0
10058.6	7.1