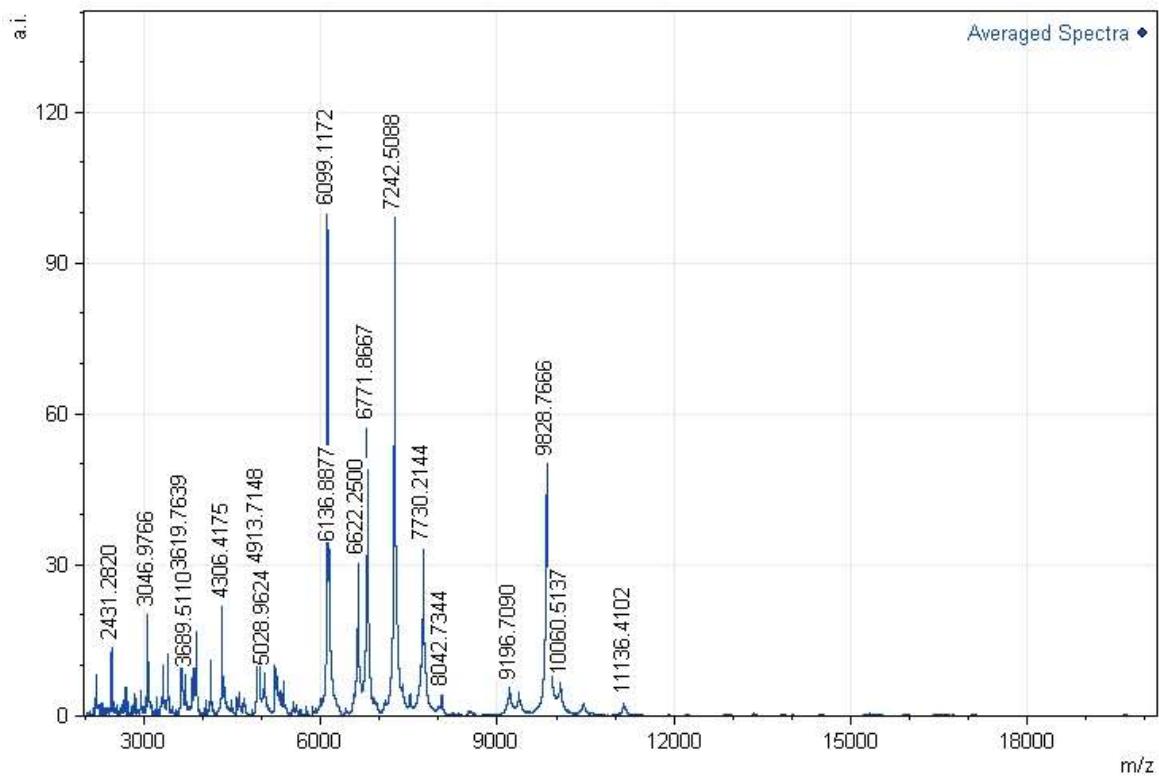


## Strain info

- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** KH3
- 3) **Taxonomy:** *Bacillus altitudinis*
- 4) **GenBank:** KP699785
- 5) **Isolated from:** Uzon Caldera, U-skv2, 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

<b>Average mass, Da</b>	<b>Average int., %</b>	<b>Average mass, Da</b>	<b>Average int., %</b>
2164.5	7.9	5029.0	8.4
2431.3	13.2	5207.7	10.0
2672.6	5.3	5245.5	7.9
2833.6	4.1	5350.9	7.0
2934.9	5.1	6099.1	100.0
3047.0	20.1	6136.9	33.1
3309.5	9.9	6622.3	30.2
3384.0	12.0	6771.9	57.1
3619.8	27.2	7242.5	99.2
3689.5	8.1	7730.2	33.3
3798.5	7.6	7757.5	14.7
3820.9	12.7	8042.7	4.1
3863.5	16.8	9196.7	5.6
4112.1	10.9	9354.5	4.8
4306.4	21.7	9828.8	50.1
4340.7	7.9	10060.5	6.5
4561.6	3.6	10453.2	2.6
4913.7	28.7	11136.4	2.6
4925.6	18.8		