Table S1 Water chemistry of hot, warm and cold springs collected September 2015

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | mg/L |  |  |  |  |  |  |
| Volcano/sample ID | T °C | pH | Lat (°N) | Long (°W) | Na | K  | Mg | Ca | SO4 | Cl | F |
| Kanaga Hot Spring | 86 | 6.5 | 51.87368 | 177.09335 | 1197 | 209.4 | 17.38 | 180 | 25.9 | 2878 | 7.148 |
| Little Sitkin hot sping 1a | 55 | 2.0 | 51.96117 | 178.49226 | 20.77 | 3.499 | 4.025 | 10.9 | 464 | 15.8 | 6.659 |
| Little Sitkin hot spring 1b dupl | 55 | 2.0 | 51.96117 | 178.49226 | 20.56 | 3.495 | 4.028 | 10.83 | n.a. | 15.7 | n.a. |
| Semisopochnoi spring 2a | 23 | 7.0 | 51.93636 | 179.65459 | 132.4 | 24.19 | 45.09 | 27.42 | 15.8 | 123 | 0.237 |
| Semisopochnoi spring 2b dupl | 23 | 7.0 | 51.93636 | 179.65459 | 130.9 | 24.17 | 44.89 | 25.06 | 15.7 | 123 | 0.210 |
| Tanaga Hot Spring  | 62 | 7.0 | 51.77175 | 177.79955 | 1031 | 82.76 | 2.198 | 556.7 | 23.7 | 3246 | 7.039 |