Table 1 **Samples of the sponge *Lubomirskia baicalensis****.* Samples were collected from the strait Olkhon Vorota, Lake Baikal.

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| **Coordinate** | **Samples ID**  | **Description** |
| 53° 02´ 21 N´´106° 57´37 E´´ | SH | Healthy sponge with bright green color |
| PH1 | Primmorphs cultivation for 1 day |
| PH14 | Primmorphs for14 day |
| SD | Bleached sponge |
| PD | Primmorphs diseased |
| PID | Primmorphs infected by diseased sponge suspension |
| SS | Sick sponge with tissue necrosis |
| PIS | Primmorphs infected by sick sponge suspension |