



Molecular detection of Blastocystis sp. subtype 14 in the Yezo sika deer (*Cervus nippon yesoensis*) in Hokkaido, Japan

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| 著者 (英)                       | Shirozu Takahiro, Morishita Yu-ki, Koketsu Mami, Fukumoto Shinya                    |
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**Table 1. Prevalence of the *Blastocystis* sp. in the rectal fecal samples obtained from the Yezo sika deer in the eastern part of Hokkaido, Japan**

| Region                            | n    | Sex  |        | Age  |      |      |      |      |      |         | <i>Blastocystis</i> sp. |                     |
|-----------------------------------|------|------|--------|------|------|------|------|------|------|---------|-------------------------|---------------------|
|                                   |      | Male | Female | 0    | 1    | 2    | 3    | 4    | 5 ≤  | Unknown | Positive                | Prevalence rate (%) |
| Asyoro                            | 5    | 2    | 3      | 2    | 0    | 2    | 0    | 1    | 0    | 0       | 1                       | 20.0                |
| Urakawa                           | 8    | 6    | 2      | 0    | 0    | 0    | 0    | 0    | 0    | 8       | 2                       | 25.0                |
| Erimo                             | 2    | 0    | 2      | 0    | 0    | 0    | 2    | 0    | 0    | 0       | 1                       | 50.0                |
| Obihiro                           | 14   | 8    | 6      | 1    | 2    | 2    | 3    | 2    | 3    | 1       | 4                       | 28.6                |
| Kushiro                           | 6    | 3    | 3      | 0    | 2    | 1    | 2    | 0    | 1    | 0       | 4                       | 66.7                |
| Shimizu                           | 5    | 2    | 3      | 0    | 0    | 0    | 1    | 1    | 0    | 3       | 1                       | 20.0                |
| Taiki                             | 5    | 0    | 5      | 0    | 1    | 1    | 1    | 2    | 0    | 0       | 3                       | 60.0                |
| Toyokoro                          | 55   | 25   | 30     | 3    | 9    | 8    | 27   | 2    | 5    | 1       | 27                      | 49.1                |
| Hiroo                             | 21   | 12   | 9      | 0    | 4    | 8    | 8    | 1    | 0    | 0       | 9                       | 42.9                |
| Makubetsu                         | 6    | 3    | 3      | 1    | 0    | 1    | 4    | 0    | 0    | 0       | 5                       | 83.3                |
| Memuro                            | 5    | 1    | 4      | 0    | 1    | 2    | 1    | 0    | 0    | 1       | 3                       | 60.0                |
| Total                             | 132  | 62   | 70     | 7    | 19   | 25   | 49   | 9    | 9    | 14      | 60                      | 45.5                |
| <i>Blastocystis</i> spp. Positive | 60   | 29   | 31     | 4    | 11   | 10   | 25   | 3    | 4    | 3       |                         |                     |
| Prevalence rate (%)               | 45.5 | 46.8 | 44.3   | 57.1 | 57.9 | 40.0 | 51.0 | 33.3 | 44.4 | 21.4    |                         |                     |