



# HOKKAIDO UNIVERSITY

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|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title            | Different habitat salinity between genetically divergent groups of a worm-like goby <i>Luciogobius guttatus</i> : an indication of cryptic species                                     |
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Table 1. *Luciogobius guttatus* : Sampling locations, salinity, sample sizes, and haplotypes. See Figs. 1 and 3 for sampling locations and Fig. 2 for clades. M1-M12 are obtained from the DDBJ databank, and Mukai and Nishida (2004). Asterisks identify data from Mukai and Nishida (2004).

| ID                | Locality  | Site          | Salinity (‰) | n  | Clade     | Haplotype                |
|-------------------|-----------|---------------|--------------|----|-----------|--------------------------|
| 1                 | Hokkaido  | Gokibiru      | 2            | 6  | IIA       | Hok1, Hok2, Hok3, Hok14  |
| 2                 | Hokkaido  | Horonaifu     | 2            | 3  | IIA       | Hok1, Hok2, Hok4         |
| 3                 | Hokkaido  | Nakayama      | 33           | 3  | I         | Hok5, Hok21              |
| 4                 | Hokkaido  | Yurappu       | 0            | 5  | IIA       | Hok1, Hok2, Hok6         |
| 5                 | Hokkaido  | Kakkumi       | 27           | 3  | I, IIA    | Hok1, Hok7, Hok8         |
| 6                 | Hokkaido  | Moheji        | 5            | 4  | IIA       | Hok1, Hok2, Hok13, Hok15 |
| 7                 | Hokkaido  | Bokoi         | 33           | 3  | I, IIA    | Hok2, Hok9               |
| 8                 | Hokkaido  | Tokushibetsu  | 1            | 3  | IIA       | Hok1, Hok10              |
| 9                 | Hokkaido  | Tokoro        | 1            | 3  | IIA       | Hok2, Hok11, Hok12       |
| 10                | Hokkaido  | Hunbe         | 0            | 3  | IIA       | Hok1, Hok2, Hok12        |
| 11                | Hokkaido  | Rusa          | 1            | 3  | IIA       | Hok1, Hok2               |
| 12                | Hokkaido  | Churui        | 1            | 3  | IIA       | Hok1, Hok16, Hok19       |
| 13                | Hokkaido  | Pou           | 0            | 1  | IIA       | Hok1                     |
| 14                | Hokkaido  | Horoman       | 7            | 2  | IIA       | Hok2                     |
| 15                | Hokkaido  | Sankotan      | 29           | 2  | IIA       | Hok2                     |
| 16                | Hokkaido  | Baba          | 1            | 3  | IIA       | Hok1, Hok2, Hok17        |
| 17                | Hokkaido  | Uekotan       | 0            | 3  | IIA       | Hok1                     |
| 18                | Hokkaido  | Hiyamizu      | 0            | 3  | IIA       | Hok2, Hok18              |
| 19                | Hokkaido  | Futagoe       | 0            | 3  | IIA       | Hok1, Hok2               |
| 20                | Hokkaido  | Ootsukushinai | 0            | 3  | IIA       | Hok19, Hok20, Hok24      |
| 21                | Hokkaido  | kitousu       | 20           | 3  | IIA       | Hok2                     |
| 22                | Hokkaido  | Akaiwa        | 33           | 3  | I, IIA    | Hok1, Hok21, Hok22       |
| 23                | Hokkaido  | Kahukai       | 2            | 2  | IIA       | Hok1, Hok2               |
| 24                | Hokkaido  | Teshio        | 1            | 3  | IIA       | Hok1, Hok23              |
| 25                | Hokkaido  | Shubuto       | 11           | 3  | IIA       | Hok1, Hok25              |
| Hokkaido subtotal |           |               |              | 76 |           |                          |
| 26                | Wakayama  | Kada          | -            | 3  | I, IIB    | Hok22, Hok26, Hok27      |
| 27                | Wakayama  | Katsuura      | -            | 2  | I, IIB    | Hok22, Hok28             |
| M1                | Yamagata  | Nezugaseki    | -            | 1  | IIA       | Hok1                     |
| M2                | Niigata   | Mimote        | -            | 1  | IIA*      | Hok1                     |
| M3                | Wakayama  | Asaraki       | -            | 2  | IIA*, IIB | Hok1, Wak1               |
| M4                | Wakayama  | Kirime        | -            | 1  | IIB       | Wak2                     |
| M5                | Ehime     | Shigenobu     | -            | 1  | IIB       | Ehi3                     |
| M6                | Kagoshima | Madomari      | -            | 1  | IIB       | Kag21                    |
| M7                | Iwate     | Kamaishi      | -            | 1  | I*        | Hok22                    |
| M8                | Kanagawa  | Miura         | -            | 1  | I         | Hok22                    |
| M9                | Shizuoka  | Hatauchi      | -            | 1  | I*        | Hok22                    |
| M10               | Nagasaki  | Mizuho        | -            | 1  | I*        | Hok22                    |
| M11               | Okinawa   | Man-na and    | -            | 1  | IIB       | Oki5, Oki6               |
| M12               | Okinawa   | Iriomote      | -            | 2  | IIB       | Oki7                     |