**Supplementary Table S3.** Pairwise distance among the tick species. The distance was calculated based on the complete mitochondrial 16S rDNA sequences (1191–1215 bp) of the ticks

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tick species (ID) | *H. longicornis* (C94) | *H. longicornis* (J83) | *H. flava* (C78) | *H. flava* (J93) | *H. doenitzi* (C139) | *I. nipponensis* (J1) | *I. nipponensis* (J23) | *A. testudinarium* (J73) | *A. testudinarium* (J94) |
| *H. longicornis* (C94) | 1 |  |  |  |  |  |  |  |  |
| *H. longicornis* (J83) | 0.999 | 1 |  |  |  |  |  |  |  |
| *H. flava* (C78) | 0.827 | 0.827 | 1 |  |  |  |  |  |  |
| *H. flava* (J93) | 0.825 | 0.825 | 0.992 | 1 |  |  |  |  |  |
| *H. doenitzi* (C139) | 0.858 | 0.858 | 0.819 | 0.819 | 1 |  |  |  |  |
| *I. nipponensis* (J1) | 0.734 | 0.734 | 0.738 | 0.740 | 0.737 | 1 |  |  |  |
| *I. nipponensis* (J23) | 0.731 | 0.731 | 0.736 | 0.738 | 0.737 | 0.989 | 1 |  |  |
| *A. testudinarium* (J73) | 0.790 | 0.789 | 0.778 | 0.777 | 0.786 | 0.750 | 0.751 | 1 |  |
| *A. testudinarium* (J94) | 0.791 | 0.789 | 0.779 | 0.778 | 0.786 | 0.750 | 0.751 | 0.996 | 1 |