**S3 Table.** **Haplotype frequencies of small abalone (*Haliotis diversicolor*) per populatio**n. Numbers in bold are private haplotypes.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | JW-W | JF-W | JS-W | TE-W | TH-W | TP-C | TM-C | TE-C | TK-C | TE-H |
| H\_1 | 0.182  | 0.063  | 0.130  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_2 | **0.045**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_3 | 0.045  | 0.031  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_4 | 0.045  | 0 | 0 | 0.083  | 0.031  | 0.148  | 0.034  | 0.259  | 0.208  | 0.125  |
| H\_5 | **0.091**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_6 | **0.045**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_7 | **0.045**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_8 | **0.045**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_9 | **0.045**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_10 | 0.045  | 0.156  | 0.130  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_11 | **0.045**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_12 | **0.045**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_13 | **0.045**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_14 | **0.091**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_15 | **0.045**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_16 | 0.045  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.042  |
| H\_17 | **0.045**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_18 | 0 | **0.063**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_19 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_20 | 0 | 0.031  | 0.130  | 0.083  | 0 | 0.111  | 0.138  | 0 | 0 | 0.021  |
| H\_21 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_22 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_23 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_24 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_25 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_26 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_27 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_28 | 0 | **0.063**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_29 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_30 | 0 | 0.031  | 0 | 0.194  | 0.281  | 0.185  | 0.138  | 0.259  | 0.500  | 0.167  |
| H\_31 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_32 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_33 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_34 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_35 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_36 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_37 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_38 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_39 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_40 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_41 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_42 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_43 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_44 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_45 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_46 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_47 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_48 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_49 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_50 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_51 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_52 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_53 | 0 | 0 | **0.043**  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_54 | 0 | 0 | 0 | 0.167  | 0.156  | 0.333  | 0.172  | 0.111  | 0 | 0.104  |
| H\_55 | 0 | 0 | 0 | **0.056**  | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_56 | 0 | 0 | 0 | 0.056  | 0 | 0.037  | 0.034  | 0 | 0.042  | 0 |
| H\_57 | 0 | 0 | 0 | 0.028  | 0.031  | 0 | 0 | 0 | 0 | 0.042  |
| H\_58 | 0 | 0 | 0 | 0.028  | 0.031  | 0 | 0 | 0 | 0 | 0 |
| H\_59 | 0 | 0 | 0 | 0.028  | 0.063  | 0 | 0 | 0.037  | 0 | 0 |

**S3 Table** continued

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | JW-W | JF-W | JS-W | TE-W | TH-W | TP-C | TM-C | TE-C | TK-C | TE-H |
| H\_60 | 0 | 0 | 0 | **0.028**  | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_61 | 0 | 0 | 0 | **0.028**  | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_62 | 0 | 0 | 0 | **0.028**  | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_63 | 0 | 0 | 0 | **0.028**  | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_64 | 0 | 0 | 0 | **0.028**  | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_65 | 0 | 0 | 0 | 0.028  | 0 | 0 | 0 | 0 | 0.042  | 0 |
| H\_66 | 0 | 0 | 0 | **0.028**  | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_67 | 0 | 0 | 0 | **0.028**  | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_68 | 0 | 0 | 0 | **0.028**  | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_69 | 0 | 0 | 0 | 0.028  | 0 | 0.074  | 0 | 0 | 0 | 0 |
| H\_70 | 0 | 0 | 0 | 0.028  | 0.031  | 0 | 0 | 0 | 0 | 0.021  |
| H\_71 | 0 | 0 | 0 | 0.028  | 0.031  | 0 | 0 | 0.074  | 0 | 0.021  |
| H\_72 | 0 | 0 | 0 | **0.028**  | 0 | 0 | 0 | 0 | 0 | 0 |
| H\_73 | 0 | 0 | 0 | 0 | 0.063  | 0 | 0 | 0 | 0 | 0.021  |
| H\_74 | 0 | 0 | 0 | 0 | 0.063  | 0 | 0.103  | 0.037  | 0 | 0.042  |
| H\_75 | 0 | 0 | 0 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 |
| H\_76 | 0 | 0 | 0 | 0 | 0.063  | 0.074  | 0.069  | 0.111  | 0.042  | 0.146  |
| H\_77 | 0 | 0 | 0 | 0 | **0.031**  | 0 | 0 | 0 | 0 | 0 |
| H\_78 | 0 | 0 | 0 | 0 | 0 | 0.037  | 0.034  | 0 | 0 | 0 |
| H\_79 | 0 | 0 | 0 | 0 | 0 | 0 | **0.241**  | 0 | 0 | 0 |
| H\_80 | 0 | 0 | 0 | 0 | 0 | 0 | **0.034**  | 0 | 0 | 0 |
| H\_81 | 0 | 0 | 0 | 0 | 0 | 0 | **0.034**  | 0 | 0 | 0 |
| H\_82 | 0 | 0 | 0 | 0 | 0 | 0 | **0.034**  | 0 | 0 | 0 |
| H\_83 | 0 | 0 | 0 | 0 | 0 | 0 | 0.069  | 0 | 0 | 0.021  |
| H\_84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0.037**  | 0 | 0 |
| H\_85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0.037**  | 0 | 0 |
| H\_86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0.037**  | 0 | 0 |
| H\_87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0.021**  |
| H\_88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0.021**  |
| H\_89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0.063**  |
| H\_90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0.021**  |
| H\_91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0.021**  |
| H\_92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0.042**  |
| H\_93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0.021**  |
| H\_94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0.021**  |