

Table S4: Pairwise ϕ_{ST} comparisons among *Toxabramis houdemeri* populations based on MCR. Statistically significant pairwise ϕ_{ST} values are highlighted in bold ($P < 0.05$). For population codes, refer to Table 1.

| | BA | FS | GP | GZ | HC | HX | LC | LU | LX | LZ | NM | NN | RA | YZ | ZQ | BS | LD | LG | NF | WJ | QZ | HZ | LJ |
|----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| BA | | | | | | | | | | | | | | | | | | | | | | | |
| FS | 0.530 | | | | | | | | | | | | | | | | | | | | | | |
| GP | 0.136 | 0.296 | | | | | | | | | | | | | | | | | | | | | |
| GZ | 0.272 | 0.507 | 0.270 | | | | | | | | | | | | | | | | | | | | |
| HC | 0.630 | 0.995 | 0.614 | 0.443 | | | | | | | | | | | | | | | | | | | |
| HX | 0.050 | 0.743 | 0.108 | 0.166 | 0.722 | | | | | | | | | | | | | | | | | | |
| LC | 0.121 | 0.366 | 0.028 | 0.203 | 0.555 | 0.034 | | | | | | | | | | | | | | | | | |
| LU | 0.068 | 0.531 | 0.042 | 0.165 | 0.550 | -0.008 | -0.012 | | | | | | | | | | | | | | | | |
| LX | 0.491 | 0.875 | 0.544 | 0.339 | 0.631 | 0.527 | 0.439 | 0.394 | | | | | | | | | | | | | | | |
| LZ | 0.156 | 0.387 | 0.102 | 0.193 | 0.442 | 0.022 | 0.037 | 0.031 | 0.361 | | | | | | | | | | | | | | |
| NM | 0.043 | 0.764 | 0.244 | 0.350 | 0.826 | 0.169 | 0.274 | 0.222 | 0.692 | 0.235 | | | | | | | | | | | | | |
| NN | 0.051 | 0.669 | 0.012 | 0.198 | 0.802 | -0.050 | 0.020 | 0.009 | 0.627 | 0.036 | 0.181 | | | | | | | | | | | | |
| RA | 0.537 | -0.007 | 0.307 | 0.524 | 0.965 | 0.720 | 0.377 | 0.538 | 0.866 | 0.407 | 0.743 | 0.628 | | | | | | | | | | | |
| YZ | 0.298 | 0.149 | 0.094 | 0.352 | 0.777 | 0.348 | 0.108 | 0.209 | 0.691 | 0.215 | 0.482 | 0.226 | 0.147 | | | | | | | | | | |
| ZQ | 0.190 | 0.603 | 0.247 | 0.206 | 0.435 | 0.157 | 0.138 | 0.072 | 0.145 | 0.163 | 0.374 | 0.224 | 0.612 | 0.368 | | | | | | | | | |
| BS | 0.613 | 0.907 | 0.609 | 0.474 | 0.847 | 0.646 | 0.548 | 0.564 | 0.684 | 0.407 | 0.761 | 0.696 | 0.894 | 0.755 | 0.506 | | | | | | | | |
| LD | 0.597 | 0.908 | 0.593 | 0.455 | 0.846 | 0.628 | 0.527 | 0.542 | 0.672 | 0.385 | 0.752 | 0.682 | 0.894 | 0.745 | 0.486 | 0.244 | | | | | | | |
| LG | 0.589 | 0.955 | 0.581 | 0.429 | 0.922 | 0.656 | 0.511 | 0.534 | 0.695 | 0.354 | 0.779 | 0.721 | 0.930 | 0.762 | 0.468 | 0.217 | 0.131 | | | | | | |
| NF | 0.599 | 0.924 | 0.590 | 0.450 | 0.869 | 0.629 | 0.525 | 0.537 | 0.690 | 0.383 | 0.758 | 0.686 | 0.906 | 0.746 | 0.493 | -0.003 | 0.317 | 0.332 | | | | | |
| WJ | 0.523 | 0.958 | 0.509 | 0.361 | 0.922 | 0.522 | 0.421 | 0.413 | 0.650 | 0.276 | 0.723 | 0.615 | 0.925 | 0.700 | 0.401 | 0.179 | 0.104 | -0.037 | 0.279 | | | | |
| QZ | 0.585 | 0.891 | 0.583 | 0.450 | 0.820 | 0.602 | 0.514 | 0.525 | 0.652 | 0.378 | 0.734 | 0.656 | 0.880 | 0.730 | 0.474 | 0.046 | 0.063 | 0.078 | 0.096 | 0.040 | | | |
| HZ | 0.508 | 0.906 | 0.500 | 0.376 | 0.873 | 0.536 | 0.434 | 0.452 | 0.682 | 0.253 | 0.698 | 0.582 | 0.884 | 0.693 | 0.427 | 0.737 | 0.729 | 0.776 | 0.752 | 0.743 | 0.703 | | |
| LJ | 0.591 | 0.947 | 0.577 | 0.446 | 0.934 | 0.673 | 0.533 | 0.569 | 0.763 | 0.343 | 0.776 | 0.711 | 0.923 | 0.765 | 0.521 | 0.810 | 0.807 | 0.861 | 0.831 | 0.850 | 0.783 | 0.092 | |
| YC | 0.579 | 0.868 | 0.572 | 0.459 | 0.822 | 0.588 | 0.521 | 0.531 | 0.694 | 0.376 | 0.713 | 0.623 | 0.859 | 0.711 | 0.510 | 0.709 | 0.733 | 0.755 | 0.708 | 0.717 | 0.701 | 0.664 | 0.748 |