**Supplement 1.** Distribution of *Osmerus dentex* haplotypes by sites with sequence numbers deposited in GenBank\* (NCBI)

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Haplotype  | AMH | TUG | KUH | AMU | ALI | SAZ | TUM | SKO | BOT | SAH |
| OP795783 | Hap\_1 | 2 | 1 | 5 | 3 | 2 | 1 | 2 | 2 | 1 | 1 |
| OP795784 | Hap\_2 |  |  |  |  |  | 1 |  |  |  |  |
| OP795785 | Hap\_3 | 2 | 1 |  | 1 |  | 1 | 1 |  |  |  |
| OP795786 | Hap\_4 | 2 |  |  |  |  |  |  |  |  |  |
| OP795787 | Hap\_5 |  | 1 |  |  |  |  |  |  |  |  |
| OP795788 | Hap\_6 |  | 1 |  |  |  |  | 1 |  |  |  |
| OP795789 | Hap\_7 |  |  |  |  |  |  |  |  | 1 | 1 |
| OP795790 | Hap\_8 |  |  |  |  |  |  | 1 | 1 |  | 4 |
| OP795791 | Hap\_9 |  |  |  | 1 |  |  |  |  |  |  |
| OP795792 | Hap\_10 |  |  |  |  | 1 |  |  |  |  |  |
| OP795793 | Hap\_11 |  |  |  | 1 |  |  |  |  |  |  |
| OP795794 | Hap\_12 |  |  |  | 1 |  |  |  | 1 |  |  |
| OP795795 | Hap\_13 |  |  |  |  |  | 1 |  |  |  |  |
| OP795796 | Hap\_14 |  |  |  |  |  |  |  |  | 1 |  |
| OP795797 | Hap\_15 |  |  |  |  |  |  |  | 1 |  | 1 |
| OP795798 | Hap\_16 |  |  |  |  |  |  |  |  |  | 1 |
| OP795799 | Hap\_17 |  |  |  |  |  | 1 |  |  |  |  |
| OP795800 | Hap\_18 |  |  |  |  |  |  |  |  | 1 |  |
| OP795801 | Hap\_19 |  |  |  |  |  |  |  |  |  | 1 |
| OP795802 | Hap\_20 |  |  |  |  | 1 |  |  |  |  |  |

\*www.ncbi.nlm.nih.gov/genbank. Sites: SKO – river Shkotovka, BOT – r. Botchi, SAH – r. Nayba, TUM– r. Tumnin,

AMU – r. Amur, ALI – Amur Liman, SAZ – Sakhalin Gulf, TUG – r. Tugur, KUH – r. Kukhtuy, AMH – Amakhton Bay.