**Table S1: Coding results for signal annotation (Coder A & Coder B)**

|  |  |
| --- | --- |
|  | **Coder B** |
| **Signal** | **Non-signal** |
| **Coder A** | **Signal**  | 632 | 6 |
| **Non-signal** | 9 | 9656 |

$p\_{0} = \frac{632 + 9656}{10303}=0.999$

$p\_{e} = \frac{632+9}{10303}\* \frac{632+6}{10303} + \frac{9656+9}{10303}\* \frac{9656+6}{10303} = 0.884$

$κ= \frac{p\_{0} - p\_{e}}{1-p\_{e}} = 0.991$

**Note:** In our species identification coding, the average kappa value was 0.96 with the specific kappa value for each species as follow: elephant (0.98), rhino (0.97), and hawksbill (0.96).