**Table S8 Statistics on non-coding regions in *Peirates* mitochondrial genomes**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Species** | ***trnQ*-*****trnM*** | ***ND2-******trnW*** | ***trnC-******trnY*** | ***trnY*-*****COI*** | ***ND3*-*****trnA*** | ***trnA-******trnR*** | ***trnR*-*****trnN*** | ***trnE–******trnF*** | ***ND4L-******trnT*** | ***trnP-******ND6*** | ***CytB-******trnS2***  | ***trnS2 –******ND1*** | ***ND1-******trnL1*** |
| PF | **22** | **54** | **8** | **1** | **-** | **3** | **-** | **2** | **3** | **2** | **-** | **22** | **-** |
| PAY | **22** | **54** | **8** | **1** | **-** | **3** | **-** | **2** | **3** | **2** | **-** | **22** | **-** |
| PT | **22** | **54** | **8** | **1** | **-** | **3** | **-** | **2** | **3** | **2** | **-** | **22** | **-** |
| PL | **22** | 36 | 6 | **1** | - | **3** | - | 3 | 2 | 2 | 4 | **22** | - |
| PA | **22** | - | 3 | **1** | 1 | **3** | 4 | - | 3 | 5 | 9 | **22** | 1 |