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| **Table S1** The *u* values and the *z* values for all gypsy moth samples |
| **Collection date** | **u values/z values** |
| 1957 | *u* values | 4855.78  | 4935.10  | 5240.27  | 3871.17  | 5128.99  |
| *z* values | 1.466  | 1.645  | 1.399  | 1.437  | 1.568  |
| 1964 | *u* values | 5216.21  | 4910.87  | 5159.43  | 4834.42  |  |
| *z* values | 1.547  | 1.589  | 1.733  | 1.508  |  |
| 1973 | *u* values | 5093.72  | 4617.44  | 4642.74  |  |  |
| *z* values | 1.549  | 1.690  | 1.506  |  |  |
| 1979 | *u* values | 4276.43  | 4552.70  | 4323.76  | 4136.85  | 5274.26  |
| 5152.25  | 4944.13  | 4735.97  |  |  |
| *z* values | 1.547  | 1.688  | 1.794  | 1.842  | 2.010  |
| 1.085  | 1.754  | 1.012  |  |  |
| 1982 | *u* values | 5059.96  | 4466.68  | 4487.32  | 5127.94  | 4963.03  |
| 4715.65  | 4773.04  |  |  |  |
| *z* values | 1.083  | 0.936  | 1.597  | 2.581  | 1.489  |
| 1.593  | 1.378  |  |  |  |
| 1987 | *u* values | 4257.31  | 4239.62  | 4683.62  |  |  |
| *z* values | 1.567  | 2.534  | 1.462  |  |  |
| 1993 | *u* values | 4369.67  | 4174.49  | 4100.21  | 4561.00  | 4180.78  |
| 4273.50  |  |  |  |  |
| *z* values | 1.564  | 1.352  | 1.496  | 2.418  | 1.395  |
| 1.493  |  |  |  |  |
| 1996 | *u* values | 3654.04  | 3434.89  | 3681.48  | 4537.21  | 3985.49  |
| 3886.66  |  |  |  |  |
| *z* values | 1.291  | 1.104  | 1.785  | 1.030  | 1.102  |
| 0.953  |  |  |  |  |
| 1999 | *u* values | 3981.21  | 3744.90  | 3482.02  |  |  |
| *z* values | 1.534  | 2.480  | 1.431  |  |  |

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| **Table S2** The *u* values of some samples in this study |
| **Species** | **Stage/Treatment of wings** |  ***u* values** |
| *Gastropacha populifolia* | spread | 6308.35  | 5977.64  | 6112.47  | 5845.90  |  |
| folded | 5568.86  | 5961.25  | 6098.68  | 5130.05  | 5729.35  |
| 4640.37  | 4425.17  | 6311.94  |  |  |
| *Pterostoma sinicun* | spread | 5325.38  | 5806.19  | 5399.57  |  |  |
| folded | 5771.01  | 4517.32  | 4843.79  |  |  |
| *Dendrolimus tabulaeformis* | spread | 5557.41  | 5220.84  | 5930.49  |  |  |
| folded | 3609.07  | 3354.80  | 3995.68  | 3717.89  | 4747.44  |
| *Semiothisa cmerearia* | spread | 5116.77  | 5123.29  | 5202.43  | 4997.00  | 5128.99  |
| folded | 4712.84  | 4352.95  | 4520.51  | 4318.62  | 4404.51  |
| *Leuoma candida* | spread | 5574.25  | 5513.51  | 5671.18  | 5199.29  | 5361.68  |
| folded | 4665.70  | 4542.15  | 4602.57  | 4380.35  | 4396.83  |
| *Spilosoma niveus* | spread | 5381.39  | 5176.83  | 5261.96  | 5458.77  | 5486.48  |
| folded | 4384.51  | 4073.56  | 4627.23  | 4392.40  | 4364.66  |
| *Dendrolimus punctatus* | adult | 6622.52  | 5959.48  | 5590.03  |  |  |
| larva | 3642.72  | 3897.27  | 3914.35  | 3727.87  | 3801.70  |
| 3780.86  | 3501.77  | 3796.22  | 3546.98  |  |
| *Culcula panterinaria* | adult | 5156.77  | 5602.55  | 5209.69  | 5740.20  | 6441.64  |
| larva | 4242.50  | 3661.93  | 3724.95  | 3914.81  |  |
| *Dictyoploca japonica* | adult | 5063.29  | 5198.86  | 5671.83  |  |  |
| larva | 3618.33  | 3271.92  | 3357.05  | 3361.00  | 2821.67  |
| *Ourapteryx nivea* | adult | 5386.29  | 5420.06  | 5012.03  | 5372.22  | 5473.03  |
| larva | 3497.65  | 3212.59  | 3415.38  | 3352.75  | 3275.44  |
| *Clostera anastomosis* | adult | 6013.59  | 6411.08  | 6386.92  | 6279.43  | 6097.56  |
| larva | 3632.40  | 4240.52  | 4237.11  | 3383.06  |  |
| *Spilarctia subcarnea* | adult | 5149.34  | 5452.46  | 5462.36  | 5335.47  | 5167.13  |
| larva | 3850.80  | 3384.74  | 3259.26  | 3272.81  | 3261.24  |
| *Dendrolimus tabulaeformis* | adult | 5557.41  | 5220.84  | 5930.49  |  |  |
| larva | 3733.99  | 3670.80  | 3468.13  | 3641.13  | 3606.33  |
| 3402.17  |  |  |  |  |
| *Percnia giraffata* | adult | 5867.17  | 5641.11  | 5870.61  | 5235.88  |  |
| larva | 3473.55  | 3658.58  | 3602.05  | 3577.31  |  |

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| **Table S3** The z values of some samples in this study |
| **Species** | **Stage/Treatment of wings** | ***z* values** |
| *Gastropacha populifolia* | spread | 1.867  | 1.844  | 1.870  | 1.658  |  |
| folded | 1.501  | 1.468  | 1.501  | 1.487  | 1.471  |
| 1.502  | 1.508  | 1.490  |  |  |
| *Pterostoma sinicun* | spread | 1.422  | 1.474  | 1.456  |  |  |
| folded | 1.214  | 1.241  | 1.216  |  |  |
| *Dendrolimus tabulaeformis* | spread | 1.551  | 1.528  | 1.510  |  |  |
| folded | 1.350  | 1.373  | 1.303  | 1.334  | 1.338  |
| *Semiothisa cmerearia* | spread | 1.500  | 1.514  | 1.515  | 1.509  | 1.498  |
| folded | 1.304  | 1.315  | 1.313  | 1.301  | 1.303  |
| *Leuoma candidas* | spread | 1.517  | 1.605  | 1.525  | 1.606  | 1.515  |
| folded | 1.302  | 1.418  | 1.395  | 1.383  | 1.411  |
| *Spilosoma niveus* | spread | 1.541  | 1.537  | 1.556  | 1.546  | 1.548  |
| folded | 1.392  | 1.349  | 1.378  | 1.372  | 1.352  |
| *Dendrolimus punctatus* | adult | 1.578  | 1.498  | 1.437  |  |  |
| larva | 1.181  | 1.208  | 1.349  | 1.180  | 1.193  |
| 1.244  | 1.211  | 1.172  | 1.124  |  |
| *Culcula panterinaria* | adult | 1.816  | 1.770  | 1.653  | 1.566  | 1.452  |
| larva | 1.390  | 1.397  | 1.347  | 1.374  |  |
| *Dictyoploca japonica* | adult | 1.641  | 1.609  | 1.594  |  |  |
| larva | 1.280  | 1.354  | 1.336  | 1.304  | 1.319  |
| *Ourapteryx nivea* | adult | 1.545  | 1.541  | 1.543  | 1.540  | 1.538  |
| larva | 1.343  | 1.329  | 1.368  | 1.317  | 1.321  |
| *Clostera anastomosis* | adult | 1.544  | 1.496  | 1.447  | 1.555  | 1.508  |
| larva | 1.238  | 1.320  | 1.301  | 1.264  |  |
| *Spilarctia subcarnea* | adult | 1.546  | 1.538  | 1.574  | 1.524  | 1.530  |
| larva | 1.259  | 1.343  | 1.387  | 1.272  | 1.353  |
| *Dendrolimus tabulaeformis* | adult | 1.597  | 1.620  | 1.591  |  |  |
| larva | 1.283  | 1.303  | 1.272  | 1.294  | 1.287  |
| 1.290  |  |  |  |  |
| *Percnia giraffata* | adult | 1.721  | 1.671  | 1.676  | 1.625  |  |
| larva | 1.486  | 1.398  | 1.397  | 1.293  |  |

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| **Table S4** The ratio of *u* values and the ratio of *z* values for the folded and spread specimens |
| **Species** | **ufoldeded/uspread** | **zfolded/zspread** |
| *Gastropacha populifolia* | 0.883  | 0.804  |
| 0.932  | 0.814  |
| 0.911  | 0.803  |
| 0.953  | 0.905  |
| 0.945  | 0.786  |
| 0.997  | 0.796  |
| 0.975  | 0.785  |
| 1.020  | 0.886  |
| 0.967  | 0.804  |
| 1.020  | 0.814  |
| 0.998  | 0.803  |
| 1.043  | 0.905  |
| 0.813  | 0.796  |
| 0.858  | 0.807  |
| 0.839  | 0.795  |
| 0.878  | 0.897  |
| 0.908  | 0.788  |
| 0.958  | 0.798  |
| 0.937  | 0.786  |
| 0.980  | 0.887  |
| 0.736  | 0.804  |
| 0.776  | 0.815  |
| 0.759  | 0.803  |
| 0.794  | 0.906  |
| 0.701  | 0.808  |
| 0.740  | 0.818  |
| 0.724  | 0.806  |
| 0.757  | 0.910  |
| 1.001  | 0.798  |
| 1.056  | 0.808  |
| 1.033  | 0.797  |
| 1.080  | 0.899  |
| *Pterostoma sinicun* | 1.084  | 0.854  |
| 0.994  | 0.824  |
| 1.069  | 0.834  |
| 0.848  | 0.873  |
| 0.778  | 0.842  |
| 0.837  | 0.852  |
| 0.910  | 0.855  |
| 0.834  | 0.825  |
| 0.897  | 0.835  |
| *Dendrolimus tabulaeformis* | 0.649  | 0.871  |
| 0.691  | 0.883  |
| 0.609  | 0.894  |
| 0.604  | 0.885  |
| 0.643  | 0.898  |
| 0.566  | 0.909  |
| 0.719  | 0.840  |
| 0.765  | 0.853  |
| 0.674  | 0.863  |
| 0.669  | 0.860  |
| 0.712  | 0.873  |
| 0.627  | 0.883  |
| 0.854  | 0.863  |
| 0.909  | 0.876  |
| 0.801  | 0.886  |
| *Semiothisa cmerearia* | 0.921  | 0.869  |
| 0.851  | 0.876  |
| 0.883  | 0.875  |
| 0.844  | 0.868  |
| 0.861  | 0.868  |
| 0.920  | 0.862  |
| 0.850  | 0.869  |
| 0.882  | 0.867  |
| 0.843  | 0.860  |
| 0.860  | 0.861  |
| 0.906  | 0.861  |
| 0.837  | 0.868  |
| 0.869  | 0.866  |
| 0.830  | 0.859  |
| 0.847  | 0.860  |
| 0.943  | 0.864  |
| 0.871  | 0.871  |
| 0.905  | 0.870  |
| 0.864  | 0.863  |
| 0.881  | 0.863  |
| 0.919  | 0.870  |
| 0.849  | 0.878  |
| 0.881  | 0.876  |
| 0.842  | 0.869  |
| 0.859  | 0.869  |
| *Leuoma candida* | 0.837  | 0.858  |
| 0.815  | 0.934  |
| 0.826  | 0.919  |
| 0.786  | 0.911  |
| 0.789  | 0.930  |
| 0.846  | 0.811  |
| 0.824  | 0.883  |
| 0.835  | 0.869  |
| 0.794  | 0.861  |
| 0.797  | 0.879  |
| 0.823  | 0.854  |
| 0.801  | 0.930  |
| 0.812  | 0.915  |
| 0.772  | 0.907  |
| 0.775  | 0.926  |
| 0.897  | 0.810  |
| 0.874  | 0.883  |
| 0.885  | 0.868  |
| 0.842  | 0.861  |
| 0.846  | 0.879  |
| 0.870  | 0.859  |
| 0.847  | 0.936  |
| 0.858  | 0.921  |
| 0.817  | 0.913  |
| 0.820  | 0.932  |
| *Spilosoma niveus* | 0.815  | 0.903  |
| 0.757  | 0.875  |
| 0.860  | 0.894  |
| 0.816  | 0.890  |
| 0.810  | 0.877  |
| 0.847  | 0.906  |
| 0.787  | 0.878  |
| 0.894  | 0.896  |
| 0.848  | 0.892  |
| 0.843  | 0.879  |
| 0.833  | 0.895  |
| 0.774  | 0.867  |
| 0.879  | 0.886  |
| 0.835  | 0.882  |
| 0.829  | 0.869  |
| 0.803  | 0.901  |
| 0.746  | 0.873  |
| 0.848  | 0.892  |
| 0.805  | 0.888  |
| 0.800  | 0.875  |
| 0.799  | 0.899  |
| 0.742  | 0.871  |
| 0.843  | 0.890  |
| 0.801  | 0.886  |
| 0.796  | 0.873  |

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|  **Table S5** The ratio of the *u* values and the ratio of *z* values for formalin-fixed larvae and air-dried adult specimens |
| **Species** |  **uformalin/udry** | **zformalin/zdry** |
| *Dendrolimus punctatus* | 0.550  | 0.748  |
| 0.611  | 0.788  |
| 0.652  | 0.822  |
| 0.588  | 0.765  |
| 0.654  | 0.806  |
| 0.697  | 0.841  |
| 0.591  | 0.855  |
| 0.657  | 0.901  |
| 0.700  | 0.939  |
| 0.563  | 0.748  |
| 0.626  | 0.788  |
| 0.667  | 0.821  |
| 0.574  | 0.756  |
| 0.638  | 0.796  |
| 0.680  | 0.830  |
| 0.571  | 0.788  |
| 0.634  | 0.830  |
| 0.676  | 0.866  |
| 0.529  | 0.767  |
| 0.588  | 0.808  |
| 0.626  | 0.843  |
| 0.573  | 0.743  |
| 0.637  | 0.782  |
| 0.679  | 0.816  |
| 0.536  | 0.712  |
| 0.595  | 0.750  |
| 0.635  | 0.782  |
| *Culcula panterinaria* | 0.823  | 0.765  |
| 0.757  | 0.785  |
| 0.814  | 0.841  |
| 0.739  | 0.888  |
| 0.659  | 0.957  |
| 0.710  | 0.769  |
| 0.654  | 0.789  |
| 0.703  | 0.845  |
| 0.638  | 0.892  |
| 0.568  | 0.962  |
| 0.722  | 0.742  |
| 0.665  | 0.761  |
| 0.715  | 0.815  |
| 0.649  | 0.860  |
| 0.578  | 0.928  |
| 0.759  | 0.757  |
| 0.699  | 0.776  |
| 0.751  | 0.831  |
| 0.604  | 0.878  |
| 0.645  | 0.946  |
| *Dictyoploca japonica* | 0.620  | 0.780  |
| 0.637  | 0.795  |
| 0.634  | 0.803  |
| 0.645  | 0.825  |
| 0.632  | 0.841  |
| 0.657  | 0.849  |
| 0.623  | 0.814  |
| 0.688  | 0.830  |
| 0.689  | 0.838  |
| 0.681  | 0.795  |
| 0.622  | 0.810  |
| 0.614  | 0.818  |
| 0.622  | 0.804  |
| 0.661  | 0.820  |
| 0.634  | 0.827  |
| *Ourapteryx nivea* | 0.649  | 0.869  |
| 0.596  | 0.860  |
| 0.634  | 0.885  |
| 0.622  | 0.852  |
| 0.608  | 0.855  |
| 0.645  | 0.872  |
| 0.593  | 0.863  |
| 0.630  | 0.888  |
| 0.619  | 0.855  |
| 0.604  | 0.858  |
| 0.698  | 0.870  |
| 0.641  | 0.861  |
| 0.681  | 0.886  |
| 0.669  | 0.853  |
| 0.654  | 0.856  |
| 0.651  | 0.872  |
| 0.598  | 0.863  |
| 0.636  | 0.888  |
| 0.624  | 0.855  |
| 0.610  | 0.858  |
| 0.639  | 0.873  |
| 0.587  | 0.864  |
| 0.624  | 0.889  |
| 0.613  | 0.856  |
| 0.598  | 0.859  |
| *Clostera anastomosis* | 0.604  | 0.802  |
| 0.567  | 0.828  |
| 0.569  | 0.856  |
| 0.578  | 0.796  |
| 0.596  | 0.821  |
| 0.705  | 0.855  |
| 0.661  | 0.883  |
| 0.664  | 0.912  |
| 0.675  | 0.849  |
| 0.695  | 0.875  |
| 0.705  | 0.843  |
| 0.661  | 0.870  |
| 0.663  | 0.899  |
| 0.675  | 0.837  |
| 0.695  | 0.862  |
| 0.563  | 0.819  |
| 0.528  | 0.845  |
| 0.530  | 0.874  |
| 0.539  | 0.813  |
| 0.555  | 0.838  |
| *Spilarctia subcarnea* | 0.748  | 0.814  |
| 0.657  | 0.868  |
| 0.633  | 0.897  |
| 0.636  | 0.822  |
| 0.633  | 0.875  |
| 0.706  | 0.819  |
| 0.621  | 0.873  |
| 0.598  | 0.902  |
| 0.600  | 0.827  |
| 0.598  | 0.880  |
| 0.705  | 0.800  |
| 0.620  | 0.853  |
| 0.597  | 0.881  |
| 0.599  | 0.808  |
| 0.597  | 0.860  |
| 0.722  | 0.826  |
| 0.634  | 0.881  |
| 0.611  | 0.910  |
| 0.613  | 0.834  |
| 0.611  | 0.888  |
| 0.745  | 0.823  |
| 0.655  | 0.878  |
| 0.631  | 0.907  |
| 0.633  | 0.831  |
| 0.631  | 0.885  |
| *Dendrolimus tabulaeformis* | 0.672  | 0.803  |
| 0.715  | 0.792  |
| 0.630  | 0.807  |
| 0.661  | 0.816  |
| 0.703  | 0.804  |
| 0.619  | 0.819  |
| 0.624  | 0.797  |
| 0.664  | 0.785  |
| 0.585  | 0.800  |
| 0.655  | 0.810  |
| 0.697  | 0.799  |
| 0.614  | 0.813  |
| 0.649  | 0.806  |
| 0.691  | 0.795  |
| 0.608  | 0.809  |
| 0.612  | 0.808  |
| 0.652  | 0.796  |
| 0.574  | 0.811  |
| *Percnia giraffata* | 0.592  | 0.863  |
| 0.616  | 0.890  |
| 0.592  | 0.887  |
| 0.663  | 0.914  |
| 0.624  | 0.812  |
| 0.649  | 0.837  |
| 0.623  | 0.834  |
| 0.699  | 0.860  |
| 0.614  | 0.812  |
| 0.639  | 0.836  |
| 0.614  | 0.833  |
| 0.688  | 0.859  |
| 0.610  | 0.751  |
| 0.634  | 0.774  |
| 0.609  | 0.771  |
| 0.683  | 0.795  |

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| Table S6 All primers used in this study |
| Primers Name | Direction | Nucleotide sequence 5'-3' | Primer length(bp) | Length (bp) | Anneal temperatures |
| Lep | F | ATTCAACCAATCATAAAAGATAT | 23 | 650 | 51.0 |
| R | TAAACTTCTGGATGTCCAAAA | 22 |
| Ld 2-18S | F | AACGGCTACCACATCCAAGG | 20 | 312 | 53.4 |
| R | GCTCACCGACGATATGCTCC | 20 |
| Ld 3-18S | F | TCTCGGTTCTATTTTGTTGG | 20 | 390 | 51 |
| R | GAGATTTCCCGTGTTGAGTC | 20 |
| Ld 4-18S | F | AGAACTCTGACCAGTGATGGGATG | 24 | 391 | 56.8 |
| R | GGCGCACAAATGCAACTACG | 20 |
| Ld 5-18S | F | AACGGCTACCACATCCAAGG | 20 | 592 | 56.8 |
| R | TTCGCTGATGTTCGTCTTGC | 20 |
| Ld 6-ITS1 | F | CTTGGGCCGCGTTCGTAAAC | 20 | 313 | 56.8 |
| R | CTCCACGGACCGCAATGTGC | 20 |
| Ld 7-ITS1 | F | GGCGTTGCTGGGAAGTTGAC | 20 | 429 | 56.8 |
| R | TCGTGGTTGCGGACTTTTCG | 25 |
| Ld 8-ITS1 | F | TGCTACCGATTGAATGATTTAGTGG | 20 | 491 | 56.8 |
| R | TCGTGGTTGCGGACTTTTCG | 20 |
| Ld 9-ITS1 | F | AAAGTCGTAACAAGGTTCCGTA | 22 | 596 | 54.3 |
| R | ATCCACCGTCCAGGGTAATA | 20 |
| Ld 10-ITS2 | F | GGAGATACATCCAGGACCAC | 20 | 311 | 51 |
| R | GCCGTACACGAATGTCAACT | 20 |
| Ld 11-ITS2 | F | GGAGATACATCCAGGACCAC | 20 | 393 | 52.3 |
| R | TATAGCGACGTGCAATACTC | 20 |
| Ld 12-ITS2 | F | GGAGATACATCCAGGACCAC | 20 | 791 | 53.4 |
| R | GCAACCGCTACGAAGTTATT | 20 |
| Ld 13-ITS2 | F | TGCGGTCCGTGGAGATACAT | 20 | 589 | 56.8 |
| R | TGCTTAAATTCGGCGGGTGA | 20 |
| Ld 14-EF-1a | F | TGAACCACCATACAGCGAATC | 21 | 321 | 51 |
| R | CCTACGGGCACTGTACCAAT | 20 |
| Ld 15-EF-1a | F | ATTGGTACAGTGCCCGTAGG | 20 | 409 | 48.5 |
| R | TGATGGATTTGGGGTTCTCC | 20 |
| Ld 16-EF-1a | F | TGAACCACCATACAGCGAATC | 21 | 499 | 51 |
| R | GTAACCACGACGCAACTCCT | 20 |
| Ld 17-EF-1a | F | CTCTAAGAACGGTCAAACAC | 20 | 592 | 51 |
| R | GTAACCACGACGCAACTCCT | 20 |
| Ld 18-ND5 | F | AGAAACTGGAGTAGGTGCTG | 20 | 305 | 48 |
| R | GTTGGGATGGTTTAGGATTA | 20 |
| Ld 19-ND5 | F | AGGAATCCCACATAAAGC | 18 | 438 | 48 |
| R | GCAGCACCTACTCCAGTT | 18 |
| Ld 20-ND5 | F | TCATAATTTGCTCTAACACC | 20 | 46 | 48 |
| R | TTATTAGGTTGGGATGGT | 18 |
| Ld 21-ND5 | F | AAAGGAATCCCACATAAAG | 19 | 629 | 48 |
| R | CGAATTGGGGATGTTTTA | 18 |
| Ld 22-ND4 | F | AACTTCGACTATGTAAACGC | 20 | 612 | 48.5 |
| R | TGATTATTGGGTGAGGCTAT | 20 |
| Ld 23-ND4 | F | TAAACTTCGACTATGTAAACGC | 22 | 385 | 48.5 |
| R | ATGACTTCCCAAAGCTCATG | 20 |
| Ld 24-ND4 | F | TAACAAACCATACCCTCCTA | 20 | 310 | 49.0 |
| R | GTGAGGCTATCAACCTGAAC | 20 |
| Ld 25-ND4 | F | CCAGAAACAGGAGCTTCTAC | 20 | 508 | 47 |
| R | GTAATTTAAGATATTTAATTTCTTG | 25 |
| Ld 26-ATP6 | F | TCAATCTTCGACCCATCTAC | 20 | 384 | 51 |
| R | TCCTTGAGGGATTATGTGAA | 20 |
| Ld 27-ATP6 | F | AATCTTCGACCCATCTACTA | 20 | 611 | 47 |
| R | ATGATTGGATAACCGCAACT | 20 |
| Ld 28-ATP6 |  | GACCTGCAATTATATTAGCG | 20 | 498 | 47 |
|  | TTTTCAATCTTCGACCCA | 18 |
| Ld 29-ATP6 |  | CCGACCGGGAACACTAGCTGTAGG | 24 | 313 | 52.3 |
|  | GAGTTATAACTCCAATAGCTCCAG | 24 |
| Ld 30-COI |  | CCTGAAAATAGTGGATATCAGTG | 23 | 303 | 54.3 |
|  | CACGAGCTTACTTTACCTCTGC | 22 |
| Ld 31-COI |  | TGGGAAATTATTCCAAATCCTGG | 23 | 412 | 48.5 |
|  | GAAAATGGAGCAGGAACAGGATGA | 24 |
| Ld 32-COI |  | GAGCCCAAACAATAAATC | 18 | 508 | 48.5 |
|  | TGGAGCAGGAACAGGACG | 18 |
| Ld 33-COI |  | GCAGGGTCAAAAAAGGAT | 18 | 598 |  |
|  | TCGAGCTGAATTAGGGAA | 18 |