**Table S1. Indels greater than 1 bp. Informative indels (n=13) that corroborate Bayesian phylogeny are indicated with bold names.**

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| **UCE1** | **size2** | **type3** | **Species (informative indels in bold)** |
| chr8\_4091 | 2 | deletion | *Rhinopomastus, Sphyrapicus* |
| chr1\_32309 | 3 | insertion | *Pitta, Rhinopomastus, Psittacula, Momotus, Podiceps, Gampsonyx, Tyto, Pterocles, Colibri, Sphyrapicus, Nyctibius, Cathartes, Phoenicopterus, Eurypyga, Megalaima, Urocolius, Gavia, Treron* |
| chr3\_5661 | 2 | insertion | *Rhinopomastus, Sphyrapicus* |
| chr3\_5661 | 3 | deletion | *Eurypyga, Opisthocomus* |
| chr13\_707 | 6 | deletion | *Eurypyga, Treron* |
| chr9\_3551 | 4 | deletion | *Colibri, Rhinopomastus, Treron, Eurypyga* |
| chr9\_3551 | 7 | deletion | ***Megalaima, Sphyrapicus*** |
| chr9\_3551 | 3 | deletion | *Psittacula, Ardeotis* |
| chr2\_21162 | 4 | deletion | *Opisthocomus, Treron, Phoenicopterus, Podiceps* |
| chr13\_2902 | 3 | insertion | *Gampsonyx, Phalacrocorax* |
| chr7\_6244 | 5 | insertion | *Balaeniceps, Phalacrocorax* |
| chr2\_3317 | 4 | deletion | ***Scopus, Balaeniceps*** |
| chr15\_3386 | 4 | deletion | *Psittacula, Gampsonyx* |
| chr15\_3386 | 4 | deletion | *Urocolius, Scopus* |
| chr1\_32247 | 4 | deletion | *Momotus, Urocolius* |
| chr1\_32247 | 4 | deletion | ***Phoenicopterus, Podiceps*** |
| chr3\_5522 | 10 | deletion | *Sphyrapicus, Phaethon* |
| chr5\_10912 | 2 | deletion | ***Megalaima, Sphyrapicus*** |
| chr2\_23600 | 5 | insertion | ***Megalaima, Sphyrapicus*** |
| chr7\_10289 | 2 | deletion | *Momotus, Sphyrapicus* |
| chr8\_5177 | 6 | deletion | *Megalaima, Urocolius* |
| chr1\_32424 | 2 | deletion | *Colibri, Ardeotis* |
| chr6\_4126 | 6 | insertion | *Colibri, Pterocles, Rhinopomastus, Gampsonyx, Podiceps, Psophia* |
| chr6\_4126 | 4 | insertion | *Pitta, Gampsonyx* |
| chr12\_1611 | 4 | deletion | ***Momotus, Sphyrapicus, Megalaima*** |
| chr2\_12990 | 4 | deletion | ***Megalaima, Sphyrapicus*** |
| chr3\_19997 | 2 | deletion | *Rhinopomastus, Urocolius, Psophia* |
| chr7\_10443 | 3 | deletion | *Megalaima, Treron, Sphyrapicus* |
| chr8\_4221 | 3 | deletion | *Rhinopomastus, Motmotus, Sphyrapicus* |
| chr1\_15632 | 3 | deletion | *Sphyrapicus, Megalaima, Opisthocomus* |
| chr11\_3419 | 3 | deletion | *Balaeniceps, Motmotus, Gampsonyx* |
| chr7\_10549 | 4 | deletion | *Tauraco, Phalacrocorax* |
| chr15\_2007 | 2 | deletion | *Sphyrapicus, Megalaima, Psittacula, Tauraco, Podiceps* |
| chr9\_3633 | 6 | deletion | ***Scopus, Balaeniceps*** |
| chr2\_18663 | 2 | deletion | *Rhinopomastus, Eurypyga* |
| chr6\_8088 | 4 | deletion | *Nyctibius, Psittacula, Oceanites* |
| chr1\_28710 | 3 | deletion | *Sphyrapicus, Eudyptyla* |
| chr1\_28710 | 3 | deletion | ***Sphyrapicus, Megalaima*** |
| chr11\_4777 | 3 | deletion | ***Phoenicopterus, Podiceps*** |
| chr5\_14389 | 2 | deletion | ***Megalaima, Sphyrapicus*** |
| chr1\_5427 | 2 | deletion | ***Balaeniceps, Scopus*** |
| chr5\_2017 | 2 | deletion | ***Megalaima, Sphyrapicus*** |
| chr2\_18589 | 2 | deletion | *Cathartes, Psophia* |
| chr2\_18589 | 2 | deletion | *Rhinopomastus, Psittacula, Ardeotis* |

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| 1 Location relative to chicken genome |
| 2 in base pairs |
| 3 relative to chicken outgroup |