

**Table S1:** Scientific and common names of birds, for which whole mitochondrial genome sequences are available in GenBank, used to evaluate the newly developed sequence for phylogentic analyses of the turkey

<b>Bird</b>	<b>Accession</b>	<b>Common name</b>
<i>Alectura lathamii</i>	NC_007227	Australian brush-turkey
<i>Alligator mississippiensis</i> *	NC_001922	American alligator
<i>Anser albifrons</i>	NC_004539	White-fronted goose
<i>Anseranas semipalmata</i>	NC_005933	Magpie goose
<i>Apteryx haastii</i>	NC_002782	Great spotted kiwi
<i>Apus apus</i>	NC_008540	Swift
<i>Ardea novaehollandiae</i>	NC_008551	White-faced heron
<i>Arenaria interpres</i>	NC_003712	Ruddy turnstone
<i>Aythya americana</i>	NC_000877	Redhead
<i>Branta canadensis</i>	NC_007011	Canada goose
<i>Buteo buteo</i>	NC_003128	Common buzzard
<i>Casuarus casuarus</i>	NC_002778	Southern cassowary
<i>Cathartes aura</i>	NC_007628	Turkey vulture
<i>Ciconia boyciana</i>	NC_002196	Oriental stork
<i>Ciconia ciconia</i>	NC_002197	White stork
<i>Cnemotriccus fuscatus</i>	NC_007975	Fuscous flycatcher
<i>Corvus frugilegus</i>	NC_002069	Rook
<i>Coturnix chinensis</i>	NC_004575	Blue-breasted quail
<i>Coturnix japonica</i>	NC_003408	Japanese quail
<i>Cygnus columbianus</i>	NC_007691	Tundra swan
<i>Diomedea melanophris</i>	NC_007172	Black-browed albatross
<i>Dromaius novaehollandiae</i>	NC_002784	Emu
<i>Dryocopus pileatus</i>	NC_008546	Pileated woodpecker
<i>Eudromia elegans</i>	NC_002772	Elegant crested-tinamou
<i>Eudyptes chrysocome</i>	NC_008138	Rockhopper penguin
<i>Eudyptula minor</i>	NC_004538	Little blue penguin
<i>Falco peregrinus</i>	NC_000878	Peregrine falcon
<i>Falco sparverius</i>	NC_008547	American kestrel
<i>Gallus gallus gallus</i>	NC_007236	Chicken
<i>Gallus lafayettei</i>	NC_007239	Ceylon junglefowl
<i>Gallus sonneratii</i>	NC_007240	Gray junglefowl
<i>Gallus varius</i>	NC_007238	Green junglefowl
<i>Gavia pacifica</i>	NC_008139	Pacific loon
<i>Gavia stellata</i>	NC_007007	Red-throated loon
<i>Haematopus ater</i>	NC_003713	Blackish oystercatcher
<i>Homo sapiens</i> *	NC_001807	Human
<i>Larus dominicanus</i>	NC_007006	Southern black-backed gull
<i>Menura novaehollandiae</i>	NC_007883	Superb lyrebird
<i>Meleagris gallopavo</i>	EF153719	Domestic turkey
<i>Micrastur gilvicollis</i>	NC_008548	Lined forest-falcon
<i>Ninox novaeseelandiae</i>	NC_005932	Morepork
<i>Nipponia nippon</i>	NC_008132	Crested ibis
<i>Numida meleagris</i>	NC_006382	Helmeted guineafowl

<i>Pandion haliaetus</i>	NC_008550	Osprey
<i>Phaethon rubricauda</i>	NC_007979	Red-tailed tropicbird
<i>Podiceps cristatus</i>	NC_008140	Great crested grebe
<i>Pterocnemia pennata</i>	NC_002783	Lesser rhea
<i>Pterodroma brevirostris</i>	NC_007174	Kerguelen petrel
<i>Pteroglossus azara flavirostris</i>	NC_008549	Ivory billed aracari
<i>Rhea americana</i>	NC_000846	Greater rhea
<i>Smithornis sharpei</i>	NC_000879	Grey-headed broadbill
<i>Spizaetus alboniger</i>	NC_007599	Blyth's hawk-eagle
<i>Spizaetus nipalensis</i>	NC_007598	Mountain hawk-eagle
<i>Strigops habroptilus</i>	NC_005931	Kakapo
<i>Struthio camelus</i>	NC_002785	Ostrich
<i>Synthliboramphus antiquus</i>	NC_007978	Ancient murrelet
<i>Taeniopygia guttata</i>	NC_007897	Zebra finch
<i>Tinamus major</i>	NC_002781	Great tinamou
<i>Vidua chalybeata</i>	NC_000880	Steelblue widowfinch

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\*Species used as outgroup in 16S rRNA-based phylogenetic analysis.