

**Supplementary Table 1**

<b>Family</b>	<b>Subfamily</b>	<b>Scientific Name</b>	<b>Accession</b>	<b>Labelled As</b>	<b>Country</b>
Bovidae	Aepycerotinae	Aepyceros melampus	JQ690386	IMPALA	Zambia
Bovidae	Alcelaphinae	Connochaetes taurinus	JQ690393	WILDEBEEST	Zambia
Bovidae	Bovinae	Syncerus caffer	JQ690392	BUFFALO	Zambia
Bovidae	Bovinae	Tragelaphus scriptus	JQ690389	BUSHBUCK	Zambia
Bovidae	Bovinae	Tragelaphus oryx	JQ690384	ELAND	Zambia
Bovidae	Hippotraginae	Hippotragus niger	JQ690394	SABLE	Zambia
Bovidae	Reduncinae	Kobus leche	JQ690387	KAFUE_LECHWE	Zambia
Bovidae	Reduncinae	Kobus vardonii	JQ690383	PUKU	Zambia
Bovidae	Reduncinae	Kobus ellipsiprymnus	JQ690391	WATERBUCK	Zambia
Bovidae	Aepycerotinae	Aepyceros melampus	HQ603134	Impala	Tanzania
Bovidae	Alcelaphinae	Connochaetes gnou	JN632626	Black_Wildebeest	South Africa
Bovidae	Alcelaphinae	Alcelaphus buselaphus	HQ603087	Hartebeests	Tanzania
Bovidae	Alcelaphinae	Damaliscus lunatus	HQ603147	Sassabies	Tanzania
Bovidae	Alcelaphinae	Connochaetes taurinus	HQ603109	Wildebeest	Tanzania
Bovidae	Antilopinae	Nanger granti	HQ603102	True_Antelopes	Tanzania
Bovidae	Bovinae	Tragelaphus eurycerus	GQ144639	Bongo	Republic of Congo
Bovidae	Bovinae	Syncerus caffer	HQ603123	Buffalo	Tanzania
Bovidae	Bovinae	Tragelaphus scriptus	JN632707	Bushbuck	Tanzania
Bovidae	Bovinae	Tragelaphus oryx	HQ603169	Common_Eland	Tanzania

Bovidae	Bovinae	Bos taurus	JN817349	Cow	Ethiopia
Bovidae	Bovinae	Taurotragus derbianus	EF536354	Giant_Eland	-
Bovidae	Bovinae	Tragelaphus strepsiceros	HQ603161	Greater_Kudu	Tanzania
Bovidae	Bovinae	Tragelaphus imberbis	EF536356	Lesser_Kudu	Tanzania
Bovidae	Bovinae	Tragelaphus angasii	JN632702	Nyala	South Africa
Bovidae	Bovinae	Tragelaphus spekeii	EF536357	Sitatunga	Gabon
Bovidae	Bovinae	Bos indicus	JN817298	Zebu	Ethiopia
Bovidae	Caprinae	Capra aegagrus hircus	HQ603175	Goat	Tanzania
Bovidae	Caprinae	Ovis aries	HQ603178	Sheep	Tanzania
Bovidae	Cephalophinae	Cephalophus adersi	JN632611	Duikers	Tanzania
Bovidae	Hippotraginae	Addax nasomaculatus	JN632591	Addax	-
Bovidae	Hippotraginae	Oryx gazella	JN869312	Oryx	South Africa
Bovidae	Hippotraginae	Hippotragus equinus	JN632647	Roan_Antelope	Malawi
Bovidae	Hippotraginae	Hippotragus niger	JN632648	Sable	-
Bovidae	Peleinae	Pelea capreolus	JN632684	Grey_Rhebok	South Africa
Bovidae	Reduncinae	Kobus leche	NC018603	Kafue_Lechwe	-
Bovidae	Reduncinae	Redunca fulvorufula	JN632695	Reedbuck	Tanzania
Bovidae	Reduncinae	Kobus ellipsiprymnus	HQ603158	Waterbuck	Tanzania
	Cervidae	Dama dama	EF675699	Deer	-

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**Supplementary Table 2**

<b>Scientific Name</b>	<b>Genbank Accession</b>	<b>Subtree</b>	<b>Labelled As</b>	<b>Country</b>
Syncerus caffer	JQ690392	Buffalo	ZAM	Zambia
Syncerus caffer	HQ603123	Buffalo	T1	Tanzania
Syncerus caffer	HQ603124	Buffalo	T2	Tanzania
Syncerus caffer	HQ603125	Buffalo	T3	Tanzania
Syncerus caffer	HQ603126	Buffalo	T4	Tanzania
Syncerus caffer	HQ603127	Buffalo	T5	Tanzania
Syncerus caffer	HQ603128	Buffalo	T6	Tanzania
Syncerus caffer	HQ603129	Buffalo	T7	Tanzania
Syncerus caffer	HQ603130	Buffalo	T8	Tanzania
Syncerus caffer	HQ603131	Buffalo	T9	Tanzania
Syncerus caffer	HQ603132	Buffalo	T10	Tanzania
Syncerus caffer	HQ603133	Buffalo	T11	Tanzania
Syncerus caffer	JQ235505	Buffalo	B1	Botswana
Syncerus caffer	JQ235506	Buffalo	Z1	Zimbabwe
Syncerus caffer	JQ235507	Buffalo	Z2	Zimbabwe
Syncerus caffer	JQ235508	Buffalo	Z3	Zimbabwe
Syncerus caffer	JQ235509	Buffalo	B2	Botswana
Syncerus caffer	JQ235510	Buffalo	B3	Botswana
Syncerus caffer	JQ235511	Buffalo	Z4	Zimbabwe
Syncerus caffer	JQ235512	Buffalo	Z5	Zimbabwe
Syncerus caffer	JQ235513	Buffalo	Z6	Zimbabwe
Syncerus caffer	JQ235514	Buffalo	B4	Botswana
Syncerus caffer	JQ235515	Buffalo	B5	Botswana
Syncerus caffer	JQ235516	Buffalo	Z7	Zimbabwe
Syncerus caffer	JQ235517	Buffalo	B6	Botswana
Syncerus caffer	JQ235518	Buffalo	B7	Botswana
Syncerus caffer	JQ235519	Buffalo	Z7	Zimbabwe
Syncerus caffer	JQ235520	Buffalo	B9	Botswana
Syncerus caffer	JQ235521	Buffalo	E1	Ethiopia
Syncerus caffer	JQ235522	Buffalo	E2	Ethiopia
Syncerus caffer	JQ235523	Buffalo	E3	Ethiopia
Syncerus caffer	JQ235524	Buffalo	E4	Ethiopia
Syncerus caffer	JQ235525	Buffalo	E5	Ethiopia
Syncerus caffer	JQ235526	Buffalo	E6	Ethiopia
Syncerus caffer	JQ235527	Buffalo	E7	Ethiopia
Syncerus caffer	JQ235528	Buffalo	K1	Kenya
Syncerus caffer	JQ235529	Buffalo	K2	Kenya
Syncerus caffer	JQ235530	Buffalo	K3	Kenya
Syncerus caffer	JQ235531	Buffalo	K4	Kenya
Syncerus caffer	JQ235532	Buffalo	K5	Kenya
Syncerus caffer	JQ235533	Buffalo	K6	Kenya
Syncerus caffer	JQ235534	Buffalo	K7	Kenya
Syncerus caffer	JQ235535	Buffalo	K8	Kenya
Syncerus caffer	JQ235536	Buffalo	K9	Kenya

Syncerus caffer	JQ235537	Buffalo	K10	Kenya
Syncerus caffer	JQ235538	Buffalo	K11	Kenya
Syncerus caffer	JQ235539	Buffalo	K12	Kenya

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