

Supplementary Material to “Mitogenome of *Coprophanaeus ensifer* and phylogenetic analysis of the Scarabaeidae family (Coleoptera)”

Table S1 - List of species used in the analyses and their respective NCBI accession number, tribe and subfamily.

Subfamily	Tribe	Species	NCBI access number
Aphodiinae	Aphodiini	<i>Aphodius foetens</i>	KX087240.1
Aphodiinae	Aphodiini	<i>Aphodius</i> sp.	JX412755
Aphodiinae	Aphodiini	<i>Oxyomus sylvestris</i>	KX087329.1
Cetoniinae	Cetoniini	<i>Leucocelis</i> sp.	JX412740
Cetoniinae	Cetoniini	<i>Protaetia brevitarsis</i>	KC775706
Cetoniinae	Trichiini	<i>Osmoderma opicum</i>	NC 030778.1
Dynastinae	Oryctini	<i>Cyphonistes vallatus</i>	JX412731
Lucaninae	Aegini	<i>Odontolabis cuvera fallaciosa</i>	MF908524.1
Lucaninae	Dorcini	<i>Dynodorus curvidens hopei</i>	MF612067.1
Lucaninae	Dorcini	<i>Prosopocoilus gracilis</i>	NC 027580.1
Melolonthinae	Euchirini	<i>Cheirotonus jansoni</i>	KC428100
Melolonthinae	Leucopholini	<i>Asthenopholis</i> sp.	JX412755
Melolonthinae	Melolonthini	<i>Melolontha hippocastani</i>	KX087316.1
Melolonthinae	Melolonthini	<i>Polyphylla laticollis</i>	KF544959
Melolonthinae	Melolonthini	<i>Rhopaea magnicornis</i>	NC013252
Melolonthinae	Melolonthini	<i>Schizonycha</i> sp.	JX412739
Rutelinae	Adoretini	<i>Adoretus</i> sp.	JX412788
Rutelinae	Anomalini	<i>Phyllopertha horticola</i>	KX087335.1
Rutelinae	Rutelini	<i>Popillia japonica</i>	NC 038115.1
Scarabainae	Ateuchini	<i>Sarophorus</i> sp.	JX412735
Scarabainae	Coprini	<i>Canthidium</i> sp.	MG253260.1
Scarabainae	Coprini	<i>Dichotomius schiffleri</i>	NC_039689.1
Scarabainae	Coprini	<i>Xinidium</i> sp.	JX412829.1
Scarabainae	Eurysternini	<i>Eurysternus caribaeus</i>	KU739494.1
Scarabainae	Eurysternini	<i>Eurysternus foedus</i>	KU739455.1
Scarabainae	Eurysternini	<i>Eurysternus hamaticollis</i>	KU739493.1
Scarabainae	Eurysternini	<i>Eurysternus inflexus</i>	KU739492.1
Scarabainae	Oniticellini	<i>Drepanocerus kirbyi</i>	KU739491.1
Scarabainae	Oniticellini	<i>Euoniticellus fulvus</i>	KU739453.1
Scarabainae	Oniticellini	<i>Euoniticellus intermedius</i>	KU739490.1
Scarabainae	Oniticellini	<i>Helictopleurus quadripunctatus</i>	KU739489.1
Scarabainae	Oniticellini	<i>Liatongus militaris</i>	KU739488.1
Scarabainae	Oniticellini	<i>Oniticellus egregious</i>	KU739487.1
Scarabainae	Oniticellini	<i>Scaptodera rhadamistus</i>	KU739460.1
Scarabainae	Oniticellini	<i>Tiniocellus sarawacus</i>	KU739486.1
Scarabainae	Oniticellini	<i>Tiniocellus spinipes</i>	KU739485.1
Scarabainae	Oniticellini	<i>Tragiscus dimidiatus</i>	KU739454.1
Scarabainae	Onitini	<i>Bubas bison</i>	KU739470.1
Scarabainae	Onitini	<i>Bubas bubalus</i>	KU739469.1

Scarabinae	Onitini	<i>Cheironitis hoplosternus</i>	KU739450.1
Scarabinae	Onitini	<i>Heteronitis castelnaui</i>	KU739468.1
Scarabinae	Onitini	<i>Onitis alexis</i>	KU739467.1
Scarabinae	Onitini	<i>Onitis falcatus</i>	KU739466.1
Scarabinae	Onitini	<i>Onitis fulgidus</i>	KU739431.1
Scarabinae	Onthophagini	<i>Caccobius nigrifulus</i>	KU739484.1
Scarabinae	Onthophagini	<i>Cleptocaccobius convexifrons</i>	KU739436.1
Scarabinae	Onthophagini	<i>Digitonthophagus gazelle</i>	KU739497.1
Scarabinae	Onthophagini	<i>Milichus apicali</i>	KU739481.1
Scarabinae	Onthophagini	<i>Phalops ardea</i>	KU739473.1
Scarabinae	Onthophagini	<i>Phalops barbicornis</i>	KU739457.1
Scarabinae	Onthophagini	<i>Phalops smaragdinus</i>	KU739495.1
Scarabinae	Phanaeini	<i>Coprophanaeus ensifer</i>	MW122514
Scarabinae	Phanaeini	<i>Coprophanaeus</i> sp.	KU739465.1