

Supplementary material for

Molecular relationships of the red-bellied dasyure (*Phascolosorex doriae*) – a rare marsupial from western New Guinea

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Table S1. Aligned sequences of putative tRNA^{LYS} from *Phascolosorex doriae*, *Phascolosorex dorsalis* (KJ868144) and two species of *Phascogale* (*Ph. calura* KJ868143 and *Ph. tapoatafa* NC006523).

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Phascolosorex doriae  AACTGATCATGCATAATGCAAACATATTTGAGAAATCAATATAGTACCTTAGTATTATCA
NC_006523_Lys        AACTGATCACATATGATGCAAACATCTTTGAGAAAACAATATAATACTTAAGTATTAACG
KJ868143_Lys         AACTGATCACATATAATGCAAACATCTTTGAGAAACCCCTTACAATACTTAAGTATTAATC
KJ868144 Ph. dorsalis AATTGATCATGCATAATGCAAACATCTTTGAGAAATCAACACAATACTTTAGTATTAACA
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Phascolosorex doriae  GAGTTTAAATATACTCCTCAAAAAC-ATGCCTCAGCTAGAGACATCAGCATGATTTACGTT
NC_006523_Lys        GAGTTTAGC-CCCTCCTCAAAGCCTATGCCTCAATTAGAAACATCAGCTTGATTTACGTT
KJ868143_Lys         GAGTTTAAA-CCCTCCTCAAAGCCTATGCCTCAATTAGAAACATCAGCTTGATTTACGTT
KJ868144 Ph. dorsalis GAGTTTAAAC-TACTCCTCAAAAAC-ATGCCTCAGCTAGAGACATCAGCATGATTTACGTT
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