SI figure 1: A Southern Hairy-nosed Wombat (*Lasiorhinus latifrons*) photographed at the study site.

SI figure 2: Histogram of decontam scores.

SI figure 3: Prevalence/prevalence plot of taxa identified in biological samples vs negative controls. Taxa identified as putative contaminants (>0.5 decontam score) are coloured blue.

SI figure 4: Heatmap of taxa found in pouch/joey samples.