

**Table S2**

Linear regression model summary statistics for comparison of two approaches (pooled and individual) based on nucleotide diversity ( $\pi$ ) and pairwise population differentiation ( $F_{ST}$ ) estimates from only “non-zero” values of *Leiopelma hochstetteri* *16S* and 830-bp *Cyt b* data.

<b>Statistics</b>	<b>N</b>	<b>Intercept (SE)</b>	<b>Slope <math>\beta</math> (95% CI)</b>	<b>R<sup>2</sup></b>
<b><i>16S</i></b>				
$\pi$	7	0.002 (0.007)	0.964 (0.756 - 1.172)	0.94
$F_{ST}$	186	0.330 (0.043)	0.638 (0.546 - 0.731)	0.50
<b><i>Cyt b</i></b>				
$\pi$	11	0.007 (0.010)	0.475 (-0.301 - 1.252)	0.14
$F_{ST}$	190	0.378 (0.060)	0.597 (0.470 - 0.725)	0.31

N: number of populations ( $\pi$ ) or population-pairs ( $F_{ST}$ )