

**Table S1. Summary of sample sizes used for each variable for each of the four strains of *K. marmoratus* acclimated to air for 0, 1, 3 and 7 days.**

<i>Variables</i>	<i>Time</i>	<i>Strains</i>			
		<i>Florida</i>	<i>Honduras</i>	<i>Belize</i>	<i>Freshwater</i>
<b>Aerial P<sub>crit</sub></b> <sup>1</sup>	0 Days	12	12	12	12
	1 Day	8	8	8	8
	3 Days	8	8	8	8
	7 Days	16	16	16	12
<b>RI</b> <sup>1</sup>	0 Days	12	12	12	12
	1 Day	8	8	8	8
	3 Days	8	8	8	8
	7 Days	16	16	16	12
<b>RMR</b> <sup>1</sup>	0 Days	16	16	16	16
	1 Day	8	8	8	8
	3 Days	8	8	8	8
	7 Days	16	16	16	12
<b>Hematocrit</b>	0 Days	8	8	8	7
	1 Day	8	7	7	8
	7 Days	8	8	8	8
<b>nRBC</b>	0 Days	8	7	7	9
	1 Day	8	7	7	8
	7 Days	8	8	8	6
<b>Dorsal Angiogenesis</b> <sup>2</sup>	0 Days	8	8	7	8
	1 Day	8	8	7	8
	3 Days	8	8	7	8
	7 Days	6	8	7	8
<b>Ventral Angiogenesis</b> <sup>2</sup>	0 Days	8	8	7	8
	1 Day	8	8	7	8
	3 Days	8	8	7	8
	7 Days	6	8	7	8

<sup>1,2</sup> Denotes that the same fish were used for these variables