

Enzyme	Species	Temperature (°C)	Activity level (U mg <sup>-1</sup> tissue)	Absolute Change (U mg <sup>-1</sup> tissue)	Q10
Citrate synthase (CS)	<i>Ostorhinchus doederleini</i>	10	0.56	-	-
		10 - 20	1.46	0.90	2.59
		20 - 30	2.20	0.74	1.52
		30 - 40	3.59	1.39	1.63
		40 - 50	5.15	1.55	1.43
	<i>Ostorhinchus rubrimacula</i>	10	0.72	-	-
		10 - 20	1.30	0.58	1.80
		20 - 30	2.09	0.78	1.60
		30 - 40	3.62	1.53	1.74
		40 - 50	5.31	1.70	1.47
	<i>Pomacentrus australis</i>	10	1.19	-	-
		10 - 20	1.89	0.69	1.58
		20 - 30	3.64	1.75	1.93
		30 - 40	5.69	2.05	1.56
		40 - 50	8.35	2.66	1.47
	<i>Pomacentrus moluccensis</i>	10	1.20	-	-
		10 - 20	2.59	1.40	2.06
		20 - 30	4.33	1.74	1.76
		30 - 40	7.41	3.08	1.71
		40 - 50	10.67	3.26	1.44

<b>Lactate dehydrogenase (LDH)</b>	<i>Ostorhinchus doederleini</i>	10	9.08	-	-
		10 - 20	12.57	3.48	1.38
		20 - 30	39.67	27.11	3.16
		30 - 40	148.02	108.35	3.73
		40 - 50	294.10	146.07	1.99
	<i>Ostorhinchus rubrimacula</i>	10	7.01	-	-
		10 - 20	8.19	1.17	1.17
		20 - 30	20.15	11.96	2.46
		30 - 40	74.89	54.74	3.72
		40 - 50	188.12	113.23	2.52
	<i>Pomacentrus australis</i>	10	6.95	-	-
		10 - 20	7.70	0.76	1.15
		20 - 30	19.78	12.07	2.48
		30 - 40	75.20	55.43	3.80
		40 - 50	181.52	106.32	2.41
	<i>Pomacentrus moluccensis</i>	10	6.68	-	-
		10 - 20	9.49	2.82	1.42
		20 - 30	26.50	17.01	2.79
		30 - 40	93.92	67.41	3.54
		40 - 50	223.30	129.38	2.38
<b>LDH:CS</b>	<i>Ostorhinchus doederleini</i>	10	16.64	-	-
		10 - 20	8.39	-8.25	0.55
		20 - 30	19.09	10.70	2.06
		30 - 40	40.35	21.27	2.14
		40 - 50	59.60	19.24	1.48

<i>Ostorhinchus rubrimacula</i>	10	11.15	-	-
	10 - 20	7.88	-3.27	0.71
	20 - 30	9.79	1.91	1.24
	30 - 40	22.06	12.27	2.25
	40 - 50	33.65	11.59	1.53
<i>Pomacentrus australis</i>	10	6.34	-	-
	10 - 20	4.36	-1.98	0.70
	20 - 30	5.30	0.94	1.20
	30 - 40	13.27	7.96	2.50
	40 - 50	21.52	8.25	1.62
<i>Pomacentrus moluccensis</i>	10	5.86	-	-
	10 - 20	3.51	-2.35	0.64
	20 - 30	6.17	2.66	1.65
	30 - 40	13.29	7.13	2.15
	40 - 50	21.06	7.77	1.59

---

**Supplemental table 2:** Absolute and percent change of citrate synthase (CS), lactate dehydrogenase (LDH), and LDH:CS ratios between temperature treatments.