

Supplementary Information

Table S1. No associations between genotypes of SNP1 g.1836 A>G, SNP2 g.1894 A>G and SNP3 g.1948 G>C and growth traits in Mozambique tilapia.

SNP	Genotype	No. of Animals	BW	TL	SL	KTL	KSL
SNP1	AA	108	112.2 ± 2.25 ^a	183.3 ± 3.1 ^a	150.1 ± 1.2 ^a	1.7 ± 1.3 ^a	3.1 ± 0.8 ^a
	GG	83	111.6 ± 2.8 ^a	183.3 ± 3.4 ^a	150.9 ± 1.5 ^a	1.7 ± 1.4 ^a	3.1 ± 0.9 ^a
	GA	84	129.4 ± 2.9 ^a	193.0 ± 3.7 ^a	158.6 ± 1.8 ^a	1.7 ± 1.3 ^a	3.1 ± 0.7 ^a
<i>p</i> -value			0.42	0.49	0.74	0.12	0.75
SNP2	GG	140	121.9 ± 2.5 ^a	188.7 ± 2.8 ^a	155.2 ± 1.6 ^a	1.7 ± 1.2 ^a	3.1 ± 1.1 ^a
	AA	6	92.7 ± 2.4 ^a	175.2 ± 2.9 ^a	144.0 ± 1.8 ^a	1.7 ± 1.3 ^a	3.1 ± 0.9 ^a
	GA	130	112.8 ± 2.9 ^a	183.6 ± 2.7 ^a	150.9 ± 1.5 ^a	1.7 ± 1.4 ^a	3.1 ± 0.8 ^a
<i>p</i> -value			0.40	0.31	0.33	0.054	0.08
SNP3	AA	128	112.6 ± 2.0 ^a	183.5 ± 2.5 ^a	150.7 ± 1.9 ^a	2.7 ± 1.5 ^a	4.8 ± 1.2 ^a
	GG	148	121.4 ± 2.2 ^a	188.5 ± 2.8 ^a	155.0 ± 1.6 ^a	2.5 ± 1.4 ^a	4.6 ± 1.1 ^a
	GA	0	0	0	0	0	0
<i>p</i> -value			0.14	0.16	0.14	0.28	0.24

^a, $p > 0.05$, no association; BW, body weight; TL, total length; SL, standard length; KTL, condition factor based on total length; KSL, condition factor based on standard length.