

## *Supplementary Material*

# Combining Individual Phenotypes of Feed Intake With Genomic Data to Improve Feed Efficiency in Sea Bass

**M. Besson<sup>1,2,\*</sup>, F. Allal<sup>2</sup>, B. Chatain<sup>2</sup>, A. Vergnet<sup>2</sup>, F. Clota<sup>1,2</sup> & M. Vandeputte<sup>1,2</sup>**

**Supplementary Table 3.** Least square mean ( $\pm$ s.e) of the GEBV of DGC\_fasting as function of parental origins within generation 2 and generation 3.

GEBV of DGC_fasting	Parental origin				Significance level
	F-/F-	F-/F+	F+/F-	F+/F+	Parental_origin
Generation 2	0.033 (0.0013)	-	-	-0.006 (0.0012)	< 0.0001
Generation 3	0.059 (0.002)	-0.0024 (0.0019)	0.013 (0.002)	-0.041 (0.0019)	< 0.0001