

Table S4. Relationship between genetic distance and phenotypic distance between clones in each of the single traits.

Trait		2.0 mg C L ⁻¹	0.2 mg C L ⁻¹	Combined
Digestive				
Beta-glucosidase	<i>r</i>	-0.06	0.05	0.12
	<i>p</i>	0.52	0.32	0.30
Lipase	<i>r</i>	-	0.23	-0.15
	<i>p</i>	-	0.28	0.64
Alkaline phosphatase	<i>r</i>	-0.67	-0.15	-0.28
	<i>p</i>	0.96	0.59	0.63
Arginine amino-peptidase	<i>r</i>	0.02	0.41	0.26
	<i>p</i>	0.37	0.07	0.15
Alanine amino-peptidase	<i>r</i>	-0.05	-0.27	-0.18
	<i>p</i>	0.55	0.73	0.66
Life history				
Maturation age	<i>r</i>	-0.32	-0.07	-0.18
	<i>p</i>	0.64	0.49	0.62
Maturation instar number	<i>r</i>	-0.38	0.16	-0.08
	<i>p</i>	0.80	0.31	0.52
Maturation body length	<i>r</i>	-0.28	0.33	0.03
	<i>p</i>	0.76	0.18	0.51
Intermoult duration before maturation	<i>r</i>	-0.19	-0.31	-0.37
	<i>p</i>	0.70	0.75	0.79
Intermoult duration after maturation	<i>r</i>	0.56	-0.14	-
	<i>p</i>	0.15	0.59	-
<i>k</i>	<i>r</i>	-0.14	0.01	-0.04
	<i>p</i>	0.58	0.36	0.54
Mean egg number of the first three clutches	<i>r</i>	-0.63	-0.22	-0.63
	<i>p</i>	0.98	0.74	0.92
Morphology				
Mean neonate size of the first three clutches	<i>r</i>	0.49	0.14	-0.11
	<i>p</i>	0.05	0.32	0.56
Body length at five days	<i>r</i>	-0.02	0.15	0.05
	<i>p</i>	0.44	0.35	0.36
Body weight at five days	<i>r</i>	-0.11	0.22	-0.03
	<i>p</i>	0.62	0.28	0.57
Relative tail spine length of the first adult in	<i>r</i>	-0.06	-0.05	-0.09
	<i>p</i>	0.52	0.49	0.54
<i>L_∞</i>	<i>r</i>	-0.24	-0.29	-0.27
	<i>p</i>	0.74	0.61	0.73