

Table 1

Activities of liver enzymes of glycolysis, amino acid metabolism, malate metabolism, gluconeogenesis and glycerol synthesis measured in smelt and capelin in  $\mu\text{mol g}^{-1} \text{min}^{-1}$

Enzyme	Smelt	Capelin
<i>Glycolysis</i>		
HK	$0.19 \pm 0.02$ (6)*	$0.89 \pm 0.07$ (5)
PFK	$3.61 \pm 0.13$ (6)*	$0.63 \pm 0.15$ (5)
ALD	$4.94 \pm 0.15$ (6)*	$2.05 \pm 0.22$ (5)
GAPDH	$24.90 \pm 4.51$ (6)	$27.44 \pm 1.45$ (5)
PK	$2.56 \pm 0.50$ (4)	$3.20 \pm 0.41$ (5)
LDH	$2.61 \pm 0.53$ (6)	$3.92 \pm 1.56$ (5)
<i>Amino acid metabolism</i>		
AspAT	$177.52 \pm 17.7$ (6)*	$61.59 \pm 9.92$ (5)
AlaAT	$54.73 \pm 6.10$ (6)*	$18.63 \pm 4.84$ (5)
GDH	$87.07 \pm 11.5$ (6)	$82.89 \pm 3.86$ (5)
<i>Malate</i>		
MDH	$13.85 \pm 0.36$ (6)	$11.29 \pm 2.34$ (5)
ME	$1.79 \pm 0.20$ (6)	$2.20 \pm 0.54$ (5)
<i>Gluconeogenesis</i>		
PEPCK	$3.79 \pm 0.36$ (6)*	$2.10 \pm 0.41$ (5)
FBPase	$4.38 \pm 0.65$ (6)	$3.10 \pm 0.40$ (5)
<i>Glycerol synthesis</i>		
GPDH	$190.64 \pm 19.3$ (6)*	$45.09 \pm 2.29$ (3)

Values are means  $\pm$  S.E.M. with  $n$  values in parentheses. Significant difference between smelt and capelin (\* $P < 0.05$ ).