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Divergent regulation of insulin-like growth factor binding protein genes in cultured Atlantic salmon myotubes under different models of catabolism and anabolism

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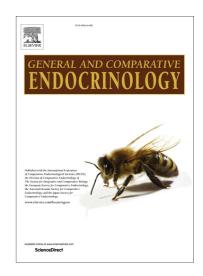
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Divergent regulation of insulin-like growth factor binding protein genes in cultured Atlantic salmon myotubes under different models of catabolism and anabolism Daniel Garcia de la Serrana *^ a, Eduardo N. Fuentes ^a,b,c, Samuel A.M. Martin c, Ian A. Johnston Daniel J. Macqueen * c ^a School of Biology, Scottish Oceans Institute, University of St Andrews, Fife KY16 8LB, Scotland, United Kingdom. ^b Interdisciplinary Center for Aquaculture Research (INCAR), Víctor Lamas 1290, PO Box 160-C, Concepción, Chile. ^c Institute of Biological and Environmental Sciences, University of Aberdeen, Tillydrone Avenue, Aberdeen, AB24 2TZ, Scotland, United Kingdom. * Corresponding authors: Daniel Garcia de la Serrana. Email address: dgdlsc@st-andrews.ac.uk Daniel J. Macqueen. Email address: daniel.macqueen@abdn.ac.uk ^Authors contributed equally Running title: Igfbp expression and remodelling of fish myotubes

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