Effect of Senegalese sole rFsh and rLh on the expression of 24 candidate genes in testes at stage I-II or III in vitro. For each fish, testes explants were incubated in triplicate with rFsh, rLh or hormone vehicle (control; Ctrl) for 30 h at 18ºC. Histograms represent relative mean expression values determined by qRT-PCR and normalized to ef1a1 gene expression. Values (mean ± SEM) are from three independent experiments on three different males at stage I-II or III, each with three replicates per condition. Dashed line at mRNA level 1 indicates no change with respect the control group at time zero. Asterisks denote significant differences (*, P < 0.05; **, P < 0.01) with respect the control group, or between the rFsh and rLh treated groups as indicated.