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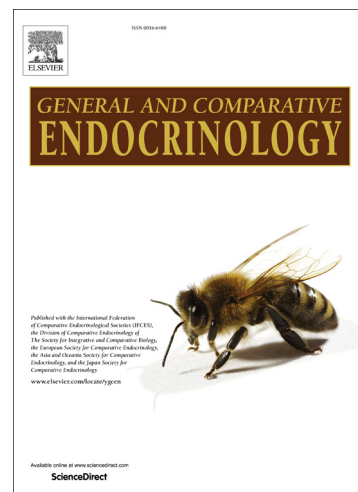
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Sex hormone-binding globulin b expression in the rainbow trout ovary prior to sex differentiation

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Abstract

Salmonids have two sex hormone-binding globulin (Shbg) paralogs. Shbga is mainly expressed in the liver, while Shbgb is secreted by the granulosa cells of the rainbow trout ovary. Coexpression of *shbgb* and the gonadal aromatase *cyp19a1a* mRNAs been observed in granulosa cells, suggesting a physiological coordination between Shbgb expression and estrogen synthesis. As estrogens are essential for female sex determination in the fish ovary,

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