материалом, указывает на возможный активный транспорт или пассивную диффузию этих мРНК из ооцита в окружающие соматические клетки. Однако нельзя исключить возможную транскрипцию этих генов в клетках кумулюса и транспорт синтезированных мРНК в направлении от соматических клеток к ооциту. Хотя уровень этих транскриптов в кумулюсе, несомненно, на порядки ниже, чем в ооците, их присутствие может быть следствием интенсивного ооцито-соматического обмена не только сигнальными молекулами, но и мРНК. Исследование такого обмена мРНК позволит как улучшить наше понимание процесса созревания ооцита, так и обнаружить новые неинвазивные предикторы компетентности ооцита.

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