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Research paper

Mutual regulation by GnRH and kisspeptin of their receptor expression and its impact on the gene expression of gonadotropin subunits

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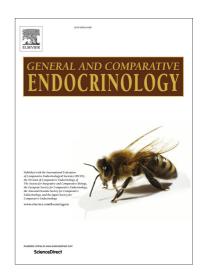
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Mutual regulation by GnRH and kisspeptin of their receptor expression and its 1 2 impact on the gene expression of gonadotropin subunits 3 Tselmeg Mijiddorj, Haruhiko Kanasaki*, Unurjargal Sukhbaatar, Aki Oride, Tomomi Hara 4 5 and Satoru Kyo 6 7 Running title: Mutual regulation of GnRHR and Kiss1R Key words: GnRH, kisspeptin, GnRH receptor, kisspeptin receptor, gonadotropin 8 9 This work was supported in part by Grants-in-Aid for Scientific Research from the Ministry of Education, Culture, Sports, Science and Technology of Japan (H. K. and A. 10 11 O.). 12 *Corresponding Author: Haruhiko Kanasaki, MD, PhD 13 Shimane University, School of Medicine, Dept. of Obstetrics and Gynecology 14 15 89-1 Enya-cho, Izumo, Shimane 693-8501, Japan Tel.: +81 853 20 2268; Fax: +81 853 20 2264 16 Email: kanasaki@med.shimane-u.ac.jp 17 18 **Disclosure Statement**: The authors have nothing to disclose. 19

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