GnRH SIGNALING PATHWAY Pituitary gonadotrope cell K04632 K04345 K04374 cAMP DNA K02183 K04515 ER Ca²⁺ K05252 K04280 Calcium signaling pathway IP₃ _oʻ Neuroactive ligand-receptor interaction Gonadotropins gene expression & secretion K04416... K04634... K08521 K08522 K05250 DAG K16342 **₽**0 K02677... ್ **PO** Ca²⁺ PA, PE K04416 K01398 K07763 DNA MAPK signaling pathway K08523 K04361 K05871 +p Cytokine-cytokine receptor interaction K02833.. DNA 04912 10/23/15 (c) Kanehisa Laboratories