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(54) Title: NUCLEOTIDE AND AMINO ACID SEQUENCES OF OOCYTE FACTORS FOR ALTERING OVARIAN FOLLICULAR GROWTH IN VIVO OR IN VITRO

(57) Abstract: The present invention relates to nucleotide and amino acid sequences of oocyte factors for altering ovarian follicular growth *in vivo* or *in vitro*. The present invention also concerns novel homodimeric and heterodimeric polypeptides and their use for altering mammalian ovarian follicular growth *in vivo* or *in vitro*. In particular, the invention broadly concerns active or passive immunisation against these homo- or heterodimeric polypeptides or functional fragments or variants thereof so as to alter follicular growth *in vivo* or *in vitro*.

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