

10 10

2

*Gpr54*

*Kiss1*

GnRH  
GnRH

*Kiss1*

c-Fos

GnRH

Musk shrew

*Suncus murinus*

1

1991

2001

GPR54

*Kiss1*

2003

GPR54

Gonadotropin-releasing hormone, GnRH

GnRH

Luteinizing hormone, LH

Follicle-stimulating hormone, FSH