

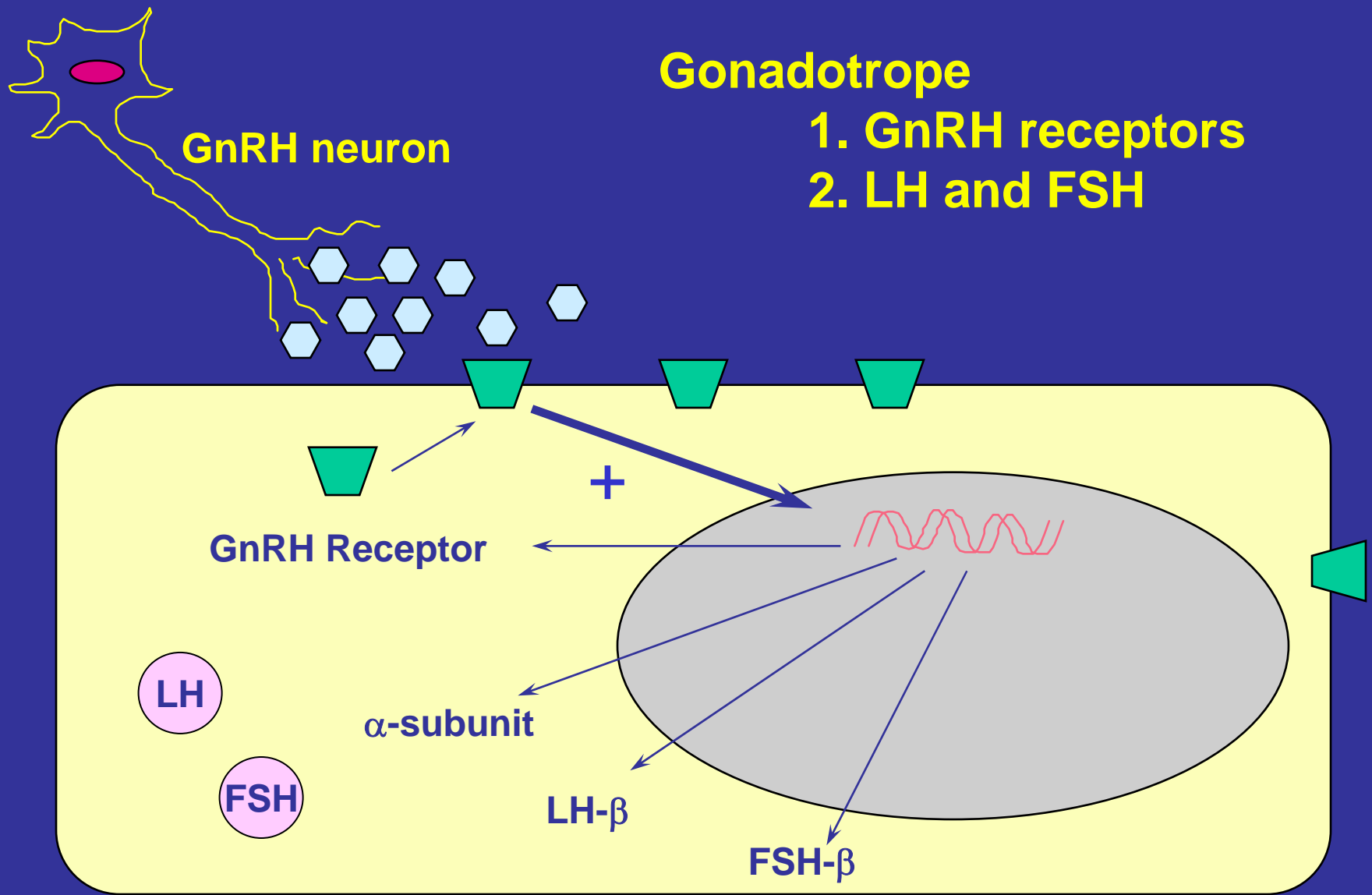


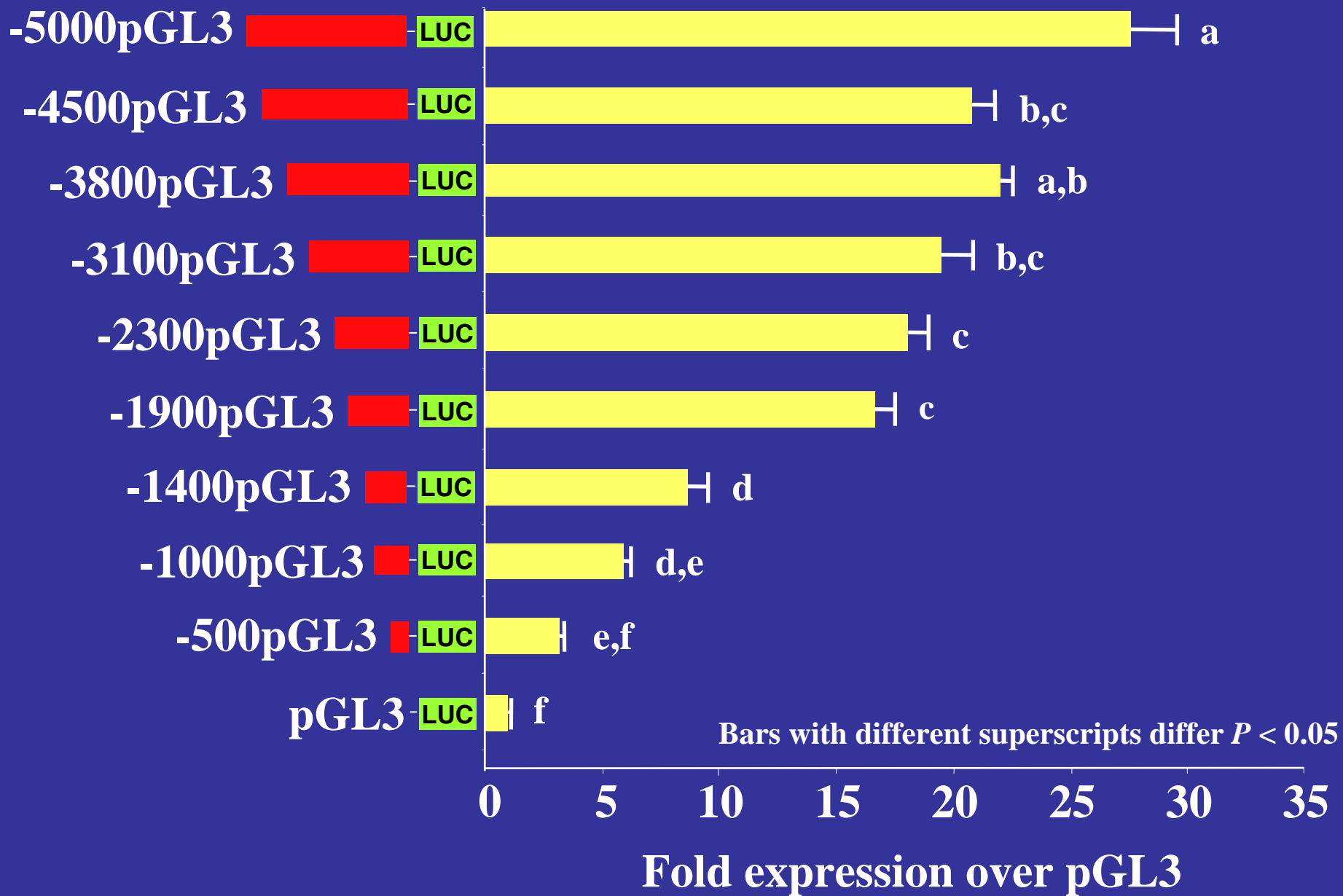
Activity of the Porcine GnRH Receptor Gene Promoter in α T3-1 Cells is Partially Conferred by a Steroidogenic Factor-1 Binding Site and a Complex Enhancer Located at -1716/-1666 of Proximal Promoter

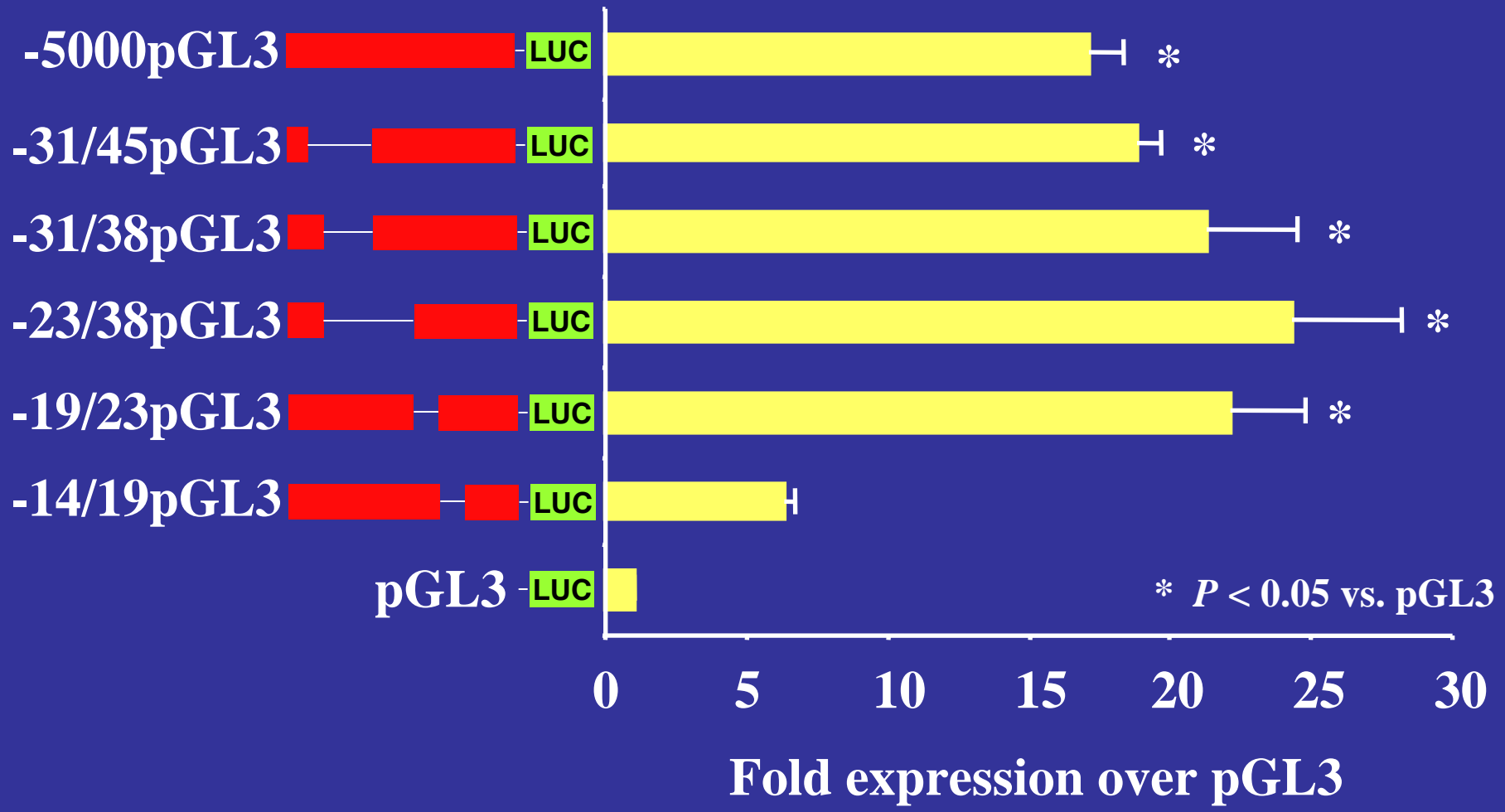
Rebecca A. Cederberg, Emily A. McDonald and Brett R. White

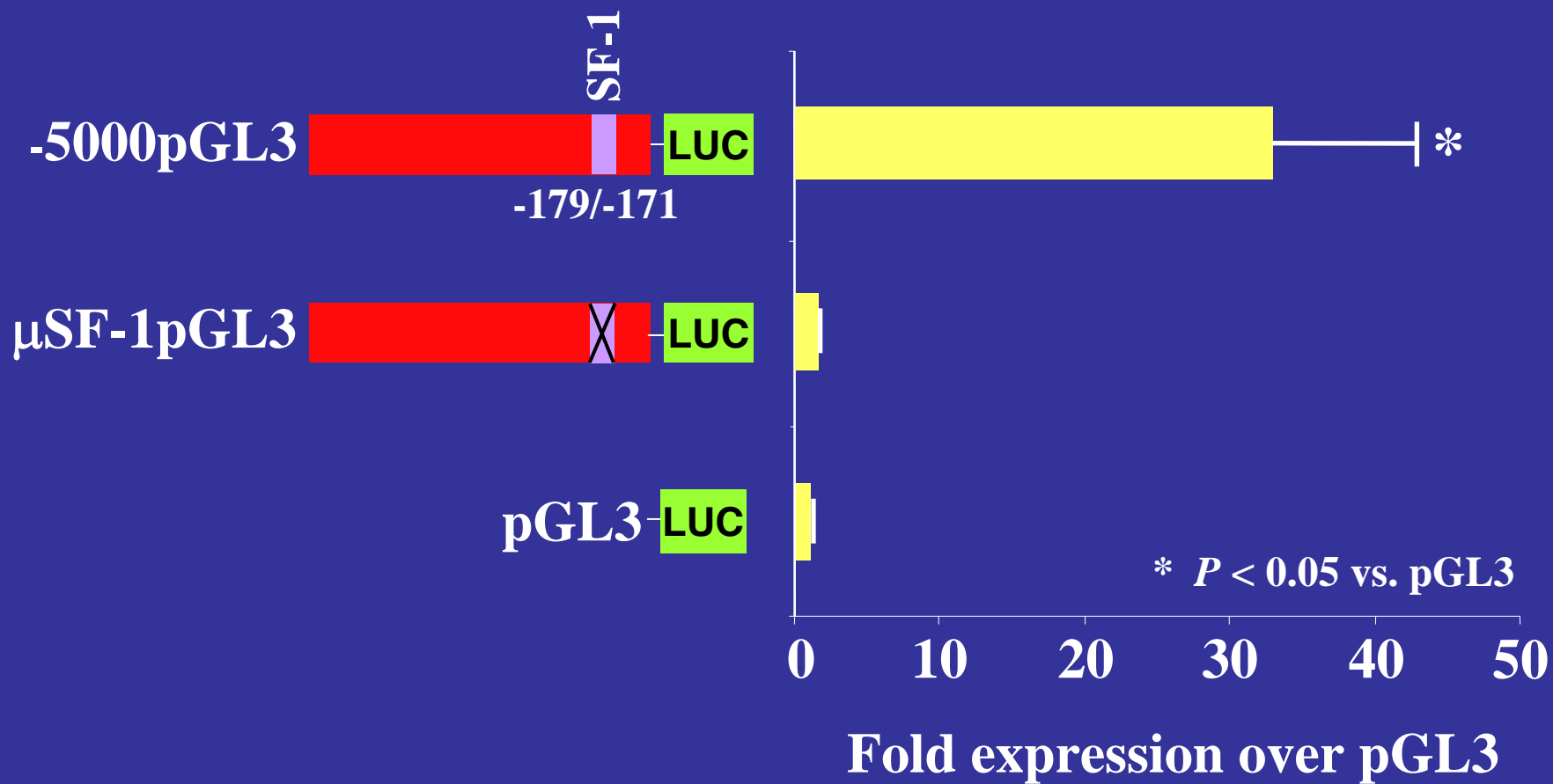
**Department of Animal Science
University of Nebraska-Lincoln**

Supported by USDA-CSREES-NRI (2004-35205-14204)









Competitor:

None

Homologous

Heterologous

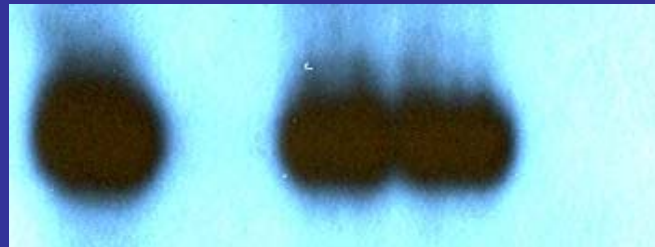
Rabbit IgG

Anti-SF-1



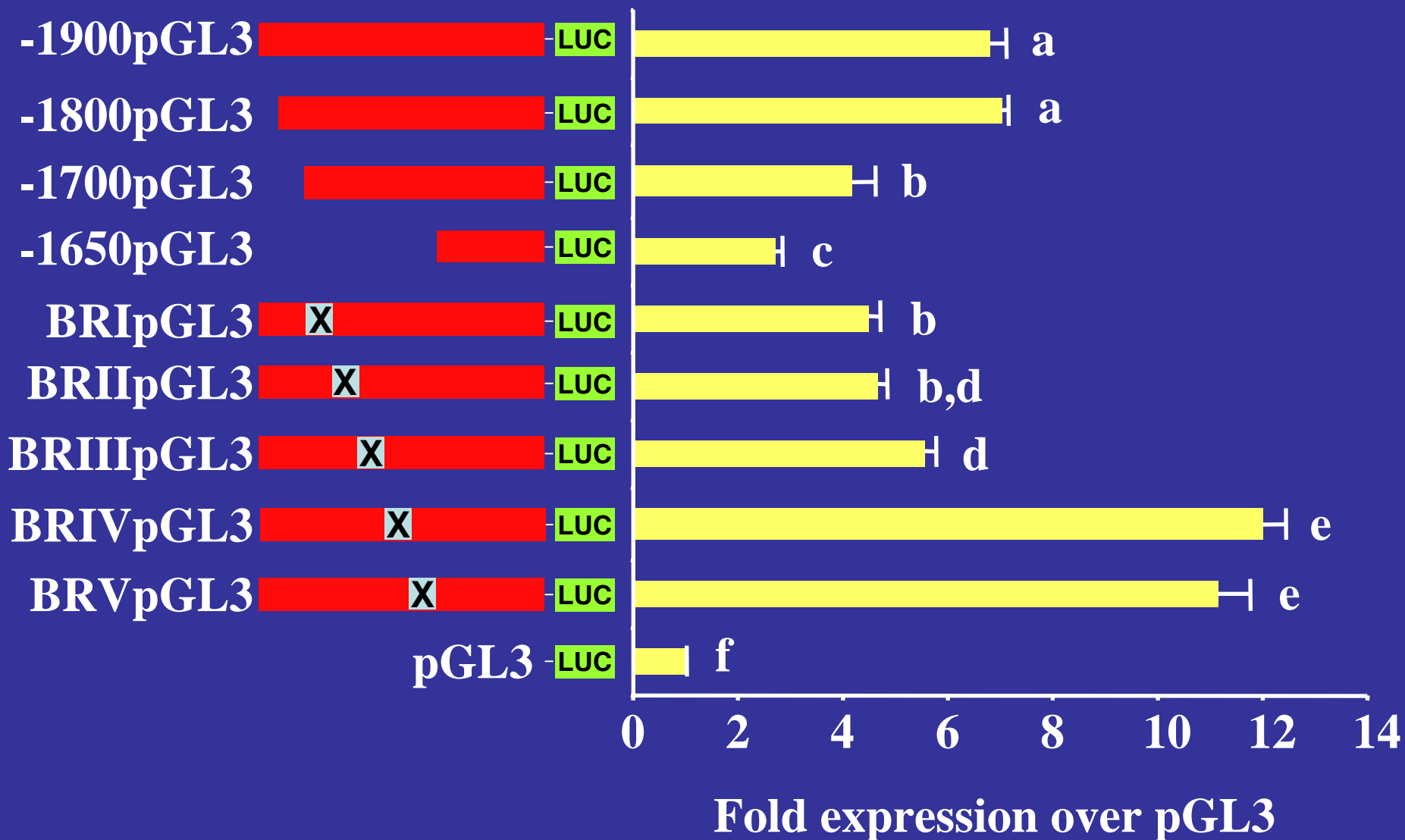
← **Specific Binding**

SF-1 (-179/-171) : TCACCTTGA



← **Specific Binding**

SF-1 (-315/-310) : TGTCCT



Bars with different superscripts differ $P < 0.05$

Probe: ← 3480 → ← 3490 →

Competitor: None Homologous Heterologous None Homologous Heterologous



BRI BRII BRIII BRIV
TTTGGCTTGCAGAAACCTAACCCCATATTTCCACTGAGAGC

3480: TGGCTTGCAGAAACCTAACCCCATAT

3490: AACCCCATATTTCCACTGAGA

Probe: ← 3480 → ← 3490 →

Competitor: Rabbit IgG Anti-p65 Anti-p50 Anti-p52 Rabbit IgG Anti-p65 Anti-p50 Anti-p52



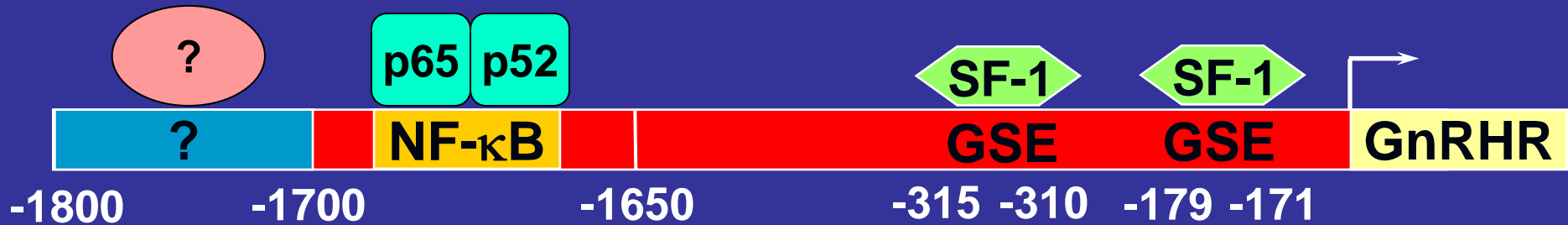
← Supershift

BRI BRII BRIII BRIV
TTTGGCTTGCAGAAACCTAACCCCATATTTCCACTGAGAGC

3480: TGGCTTGCAGAAACCTAACCCCATAT

3490: AACCCCATATTTCCACTGAGA

Hypothetical Porcine GnRHR Promoter



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