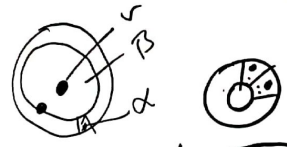


√ JTG ISLETS
 SST 14 AA ⊖ 12 PCC
 PANC

ENTEROGENE
 & GITHACT
 * MOUTH/WREN

GCG-Gene Chrom 2p36
 LARGE PANC
 DIAPEPTIDASE



2% ENTIRE PANC
 END OC
 PANC

ISLETS
 LOW ON HANS
 SCATTERED
 THROUGHOUT
 DIAPEPTIDASE
 INS 11A15

12 GPCR
 29 AA
 GUCAGON

30-60% NB
 PRO IN
 80 AA

SIGNAL SOL
 INSULIN 51 AA
 A B



RTK

GG DEGRADATION
 (1GG PHOSPHATASE)
 GNEOGEN
 (↑ F1,6 BP
 ↓ PK)

LIPOLYSIS (H = SENSITIVE LIPASE)
 BOX^N FFA

- GG (1GG SYNTHASE)
 - GLYCOLYSIS (↑ PFK)
 - FA ↑ (↓ PDH)
 P-STATE (C) 25 AA

GUTTIME GUT 4
 GG ↑ (1GG SYNTHASE)
 GLYCOLYSIS (↑ PFK) ↓ PDH

TG ↑

VOLT GATED Ca²⁺
 K⁺ PERMISSIVE
 MISPROPORTION
 ION CHAN
 Kir6.2
 SUR1
 SUBUNIT

↓ ↓
 ↑ T3d G
 FFA
 KETOONE

↓ ↓