

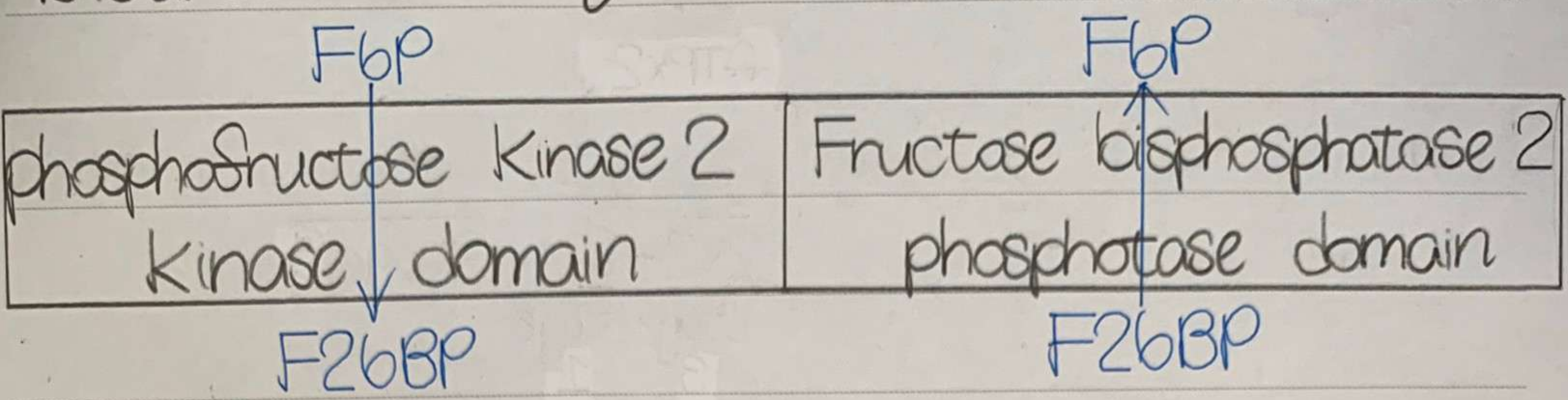
110學年每一題都考古，也就是在之前留下來的檔案都有了。

只有一題是新的：題目問請解釋  
why phosphofructokinase 2  
is a bifunctional enzyme

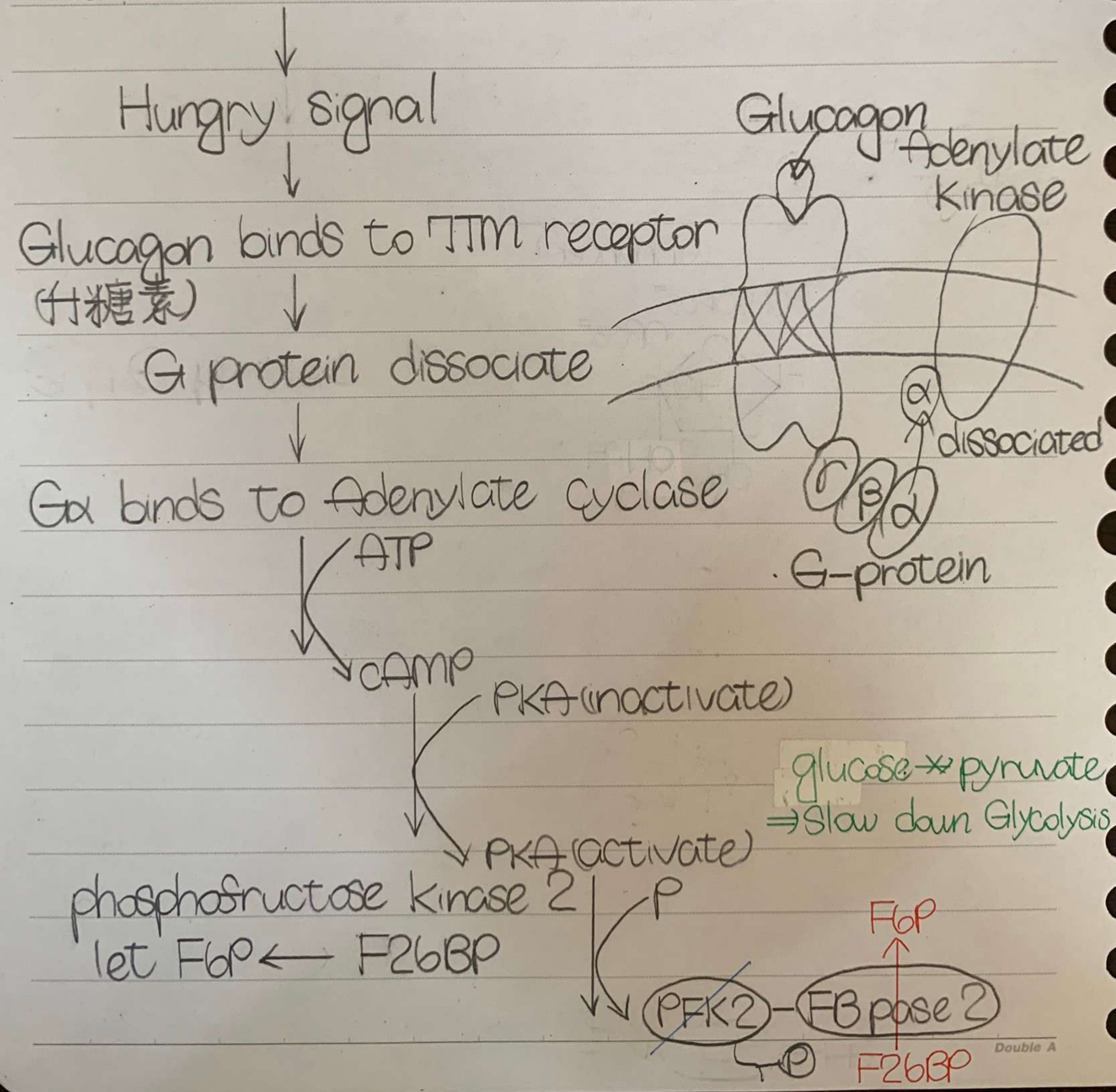
一樣是把筆記的機制寫出來



# • Bifunctional enzyme



When Glucose is Scarce





↓  
Glycolysis inactive

↓  
Glucose  $\nrightarrow$  pyruvate

When Glucose is abundant

↓  
↓  
↓  
↓  
F6P  $\rightarrow$  F26BP

↓  
Glycolysis