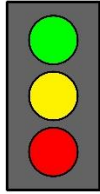
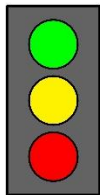


## Multiple Choice Quiz



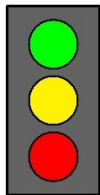
Q1. What is the name of the domain in which PLC- $\gamma$ 1 (Phospholipase C gamma-1) binds directly to activated EGFR?

A	SH3
B	SH2
C	C2



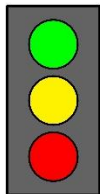
Q2. Diacylglycerol (DAG) and Inositol triphosphate ( $IP_3$ ) are the two secondary messengers that is produced when PLC- $\gamma$ 1 cleaves Phosphatidylinositol bisphosphate ( $PIP_2$ ). Which of the two stays in the plasma membrane, binds and activates protein kinase C (PKC)?

A	DAG
B	Both
C	$IP_3$



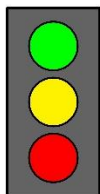
Q3. What is the name of the protein that binds with calcium?

A	Myosin
B	Auxin
C	Calmodulin



Q4. SRC negatively regulates RAS via phosphorylation and positively regulates EGFR. Is this statement true or false?

A	True
B	False
C	Not sure



Q5. Which isoform the alpha subunit of G-protein activates PLC?

A	G $\alpha$ s
B	G $\alpha$ q
C	G $\alpha$ 12/13

Answers  
1.B.  
2.A.  
3.C.  
4.A  
5.B