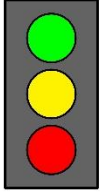


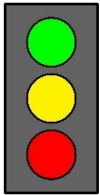


## Multiple Choice Quiz



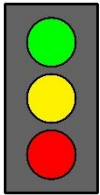
Q1. Which region of the ligand-receptor complex is released following activation

- |   |               |
|---|---------------|
| A | Intracellular |
| B | Transmembrane |
| C | Extracellular |



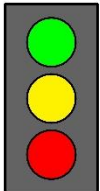
Q2. Which enzyme is responsible for cleaving the ligand-receptor complex and create a heterodimer?

- |   |                     |
|---|---------------------|
| A | E3 ligase           |
| B | Furin-like protease |
| C | ADAM                |



Q3. In which cancer was over 50% had Notch 1 mutations?

- |   |            |
|---|------------|
| A | Prostate   |
| B | Pancreatic |
| C | T-ALL      |



Q4. Which two transcription factors are produced from the CSL-DNA sequence-SMART complex in the nucleus?

- |   |              |
|---|--------------|
| A | Hes and CSL  |
| B | Hey and NICD |
| C | Hey and Hes  |

Answers  
Q1 A.  
Q2 B.  
Q3 C.  
Q4 C.