**Protein Sequence and Function Table**

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| **Protein Sequence** | **Protein Name** | **Protein Purpose** |
| E N M E N D E N I V Y G | Luciferase | Bioluminescent protein |
| G W A L R I M F L H L Y | Odorant receptor protein OR1 | Responsible for some smelling |
| M K S A I L T G L L F V | Antifreeze protein type III | Fish antifreeze protein |
| M E L A A L C R W G L L | HER2 | A protein used to determine whether a cell should divide or not |
| P G E N L C Y R K M W C | Alpha-bungarotoxin | Snake venom toxin |
| M S K G E E L F T G V V  | Green fluorescent protein | A protein that makes some jellyfish glow green |