Cellular Respiration

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| **Across**  **4.** Main product of cellular respiration  **6.** Where cell respiration takes place.  **7.** Referred to as " oven mits "  **10.** What cells depend on in the electron transport chain.  **13.** Process that releases energy from food in the prescence of oxygen.  **14.** One of the main reactants of cellular respiration.  **15.** Second stage in which molecules are broken down into carbon dioxide in a series of energy-extracting reactions. | **Down**  **1.** Where glyclosis takes place.  **2.** Doesn't require oxygen to occur.  **3.** First set of reactions in cellular respiration in which a molecule of glucose is broken into two molecules for a net gain of 2 ATP.  **5.** What form of energy is released from cellular respiration.  **8.** Requires energy to occur.  **9.** The high energy molecules from the krebs cycke are used to create a high concentration of H+ ions, is used to form ATP synthase.  **11.** Where the krebs cycle takes place.  **12.** Unit of measurement. Amount of energy required to raise 1g of water 1\*C |