GFP







ins

insulin







lacZ







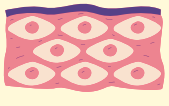
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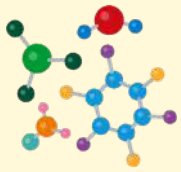
Melanin



acdS







γ-PGA







Kill switch





Codes for a protein that causes cells to glow green




Codes for insulin and helps control blood sugar levels






Turns bacteria blue (used in the lab to test if a gene has been inserted correctly)





Protects cells from becoming cancerous





Produces the pigment that tans us and protects us from the sun



Reduces plant stress and helps roots grow





Retains water around the roots and helps the soil stay moist



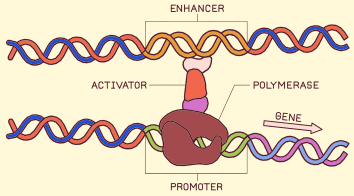


Allows the bacterium to live near the roots and die when it moves away





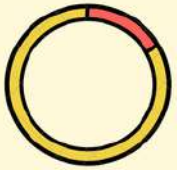

Promoter





Terminator



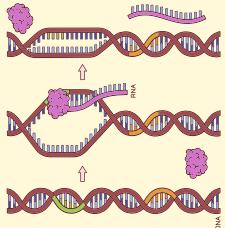


Plasmid



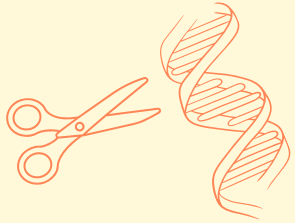


RBS

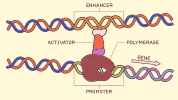




CRISPR



Tells the cell when to switch a gene on





Tells the cell where a gene ends



A ring of DNA that can be used to put genes into a bacterium





Tells the ribosome where to start building a protein



Allows us to cut and edit a DNA sequence







