

Smartie DNA



Arrange the Smarties in a pattern in lines using four colours; green, red, orange and blue. Mix them up, eat a few, try to remember and put them back in the original pattern.

This kitchen experiment was created by Ellie, Aless, Ana and Charli. It helps us to understand the challenges and processes involved for our DNA when trying to separate mutations that have occurred. The four colours used here represent the four bases in our DNA. When the pattern gets so mixed up it can be hard for our cells to fix as they have no memory of the original order.

We invite you to try this experiment created by artists, scientists and public participants as part of our collaborative project #flowcellular. Through this playful food-based experiment you can discover more about how resilient and clever our bodies are at mending DNA damage every day, and why diseases like cancer happen and when the damage to our cells becomes too much.



To find out more
www.genome.gallery/exhibition/flowcellular
Instagram #flowcellular @wgcnage @saturdaymuseum

