

- Bacteria incorporate nitrogen of their growth medium into their DNA
- Grown on N15 for many generations, then N14, samples were removed after every generation
- DNA extracted, suspended in solution, centrifuged
- Since the **N14 DNA would have been lighter, and collect nearer the top of the tube than the N15 DNA, they were able to analyse the composition of the new DNA**
- And say that after one generation, all of the DNA was a mix of N15 and N14
- Supporting semi-conservative replication ~

TRIPLET CODE

- Every three base pairs is called a triplet, and codes for a specific amino acid
- 64 codes for 20 amino acids means that some amino acids have several triplets that code for them
- Possible that a mutation in the DNA won't change the amino acid sequence of a polypeptide
- You'll learn more about this later also ~

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Page 3 of 3