

# Sexual Reproduction by Jonny Berliner

**Intro - F Gm Bb C**

**F Gm Bb C**  
Inside your mama's ovaries an egg cell was created,  
**F Gm Bb C**  
In a process called meiosis where her genes were separated,  
**Dm Am Bb F**  
To make a gamete cell with only half her DNA,  
**Dm Am Bb C**  
Your daddy's testes made a sperm, exactly the same way.  
**Dm C Bb F/A**  
It fertilised her egg, the nuclei were fused,  
**Gm F/A Bb C**  
46 new chromosomes, a whole genome to make you.

Chromosomes are made from stuff that's known as DNA,  
Phosphates and sugars linking up in double helix chain.  
The chains are joined by bases C to G and T to A,  
Which allows the chain to split and then exactly replicate.  
Mitosis splits the copies into two cells that are new,  
That's how the cell your folks made, made the trillion cells in you.

**F Gm Bb C**  
When your mummy and your daddy shared their genes, (sexual reproduction)  
**F Gm Bb C**  
It led to more genetic variation within the species,  
**F Gm Bb C F Gm Bb**  
And gave your species a chance to pass their genes to the next generation.  
**C F Gm Bb C**  
Through sexual reproduction.

A gene's a bit of chromosome with a code that can be read,  
By a molecule that tells a ribosome to string a thread,  
Of linked amino acids in a folded protein chain,  
That could be hormones, hair or help control transmitters in our brain.  
Other DNA switches genes on and some just does not do much,  
That's how your unique DNA became a truly unique you.

When your mummy and your daddy shared their genes, (sexual reproduction)  
It made a stem cell that made specialised cells that made you and your proteins,  
And gave your body a chance to pass her genes,  
To the next generation.  
Through sexual reproduction.

**Ab Bb Eb Cm Bb**  
Now and then mistakes are made when DNA's replicating,  
**Ab Bb C**  
But most mutations won't be seen,  
**Ab Bb Eb Cm Bb**  
Some of them may cause disease and some cause innovations,  
**Ab Bb C**  
That may well help you pass your genes.

So, if you're looking for someone to share your genes, (sexual reproduction)  
Make sure you pick a person with the traits that you would like to see,  
In your offspring, so that they can pass your genes,  
To the next generation.  
Sexual reproduction, that's how you pass your genes,  
So, if you want to, when you're ready, you can start a family.