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## 1 | DNA Mutations

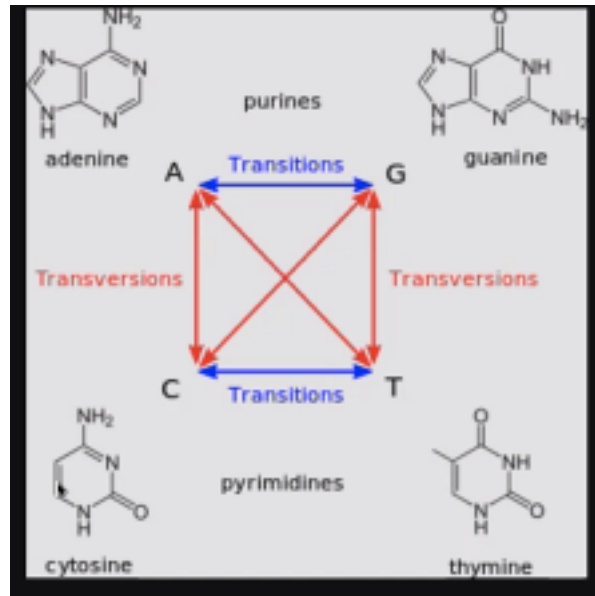


Figure 1: Pasted image 20210331134011.png

Pyrimidines - cytosine + thymine. Single ring.

These are usually paired up with

Purines - adenine + guanine. Double ring.

So if a mutation replaces adenine and guanine, it would have less of an effect because a double ring is still matched with a single ring. But if an adenine is replaced by thymine, we could have a bigger issue because double-double ring is much longer than a traditional single/double match.