


★ ★ Very Good

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CONTROVERSIAL | INTERESTING HYPOTHESIS | REVIEW / COMMENTARY

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This is a nice commentary/opinion piece on the functions of polyploidy. I highly recommend that you read this if you are interested in polyploidy. We know quite a bit about polyploidy, which can be found in different organisms and cell types. Nevertheless, we still do not understand the functions of polyploidy. One possible option is that polyploidy is a tumor suppressor mechanism since it is less likely to get mutations in multiple copies of a gene. As mentioned by Schoenfelder and Fox, polyploidy could be a response to stress or a source of genetic variation. I also find the connection between polyploidy and cell size very interesting. We probably know more about the mechanisms of how cells become polyploid than about the reasons why these cells maintain that state. In the future, we will have to ask some fundamental questions to understand the functions of polyploidy in detail. This commentary/opinion piece summarizes all important facts about polyploidy and is easy to read.