

Obj 1: Extract information related to exploration through a reading text.

Decide if the following statements are (True) OR (False) based on the previous reading:

None are so driven to explore as humans. Animals will go in search of food or water, but humans can be motivated simply by the possibility of discovery. So what is it exactly that caused us to spread out across the globe 60,000 years ago, instead of just staying in Africa?

Perhaps it's in our DNA. In 1999, Dr Chuansheng Chen led a team of scientists who were studying a gene known as *DRD4-7R*. This gene is found in about 20 per cent of all humans. It's been associated with higher rates of risk-taking, exploration and interest in new ideas. Dr Chen found that *DRD4-7R* is more common in societies that move

around a lot than those who don't. For example, studies in Africa show that the gene is much more common in nomadic tribes than in tribes that prefer to stay in one place. Several other researchers have studied this topic and found additional evidence to support Dr Chen's claim.



Journalist and National Geographic Fellow Paul Salopek is walking from

But can a single gene be responsible for a trait as complex as the desire to explore? Dr Kenneth Kidd doesn't think so. He thinks *DRD4-7R* might increase curiosity, but other equally important sets of genes give us intelligent minds and skilled hands. We then use our minds and hands to create things. He believes that not just one gene, but groups of genes work together to create complex behaviours like exploration.

The context we live in also plays a role in our desire to explore. For example, during the European Age of Exploration, explorers became rich and famous for their discoveries. This drove others to try to increase their wealth through exploration. In this case, their exploration was more likely motivated by money than by genes.

Maybe the desire to explore comes from something inside us, such as the *DRD4-7R* gene. Or maybe it has more to do with what's happening in the world around us. Maybe both. Whatever the reason, it seems we (or at least some of us) will keep exploring the mountains, the sea, the stars and beyond, because that's just what humans do.



Statements	True	False
1. Animals and humans <u>each</u> explore for their needs. .		
2. DRD4-7R gene is found in 50 per cent of human around the world.		
3. Dr. Kenneth agreed with Dr. Chen that one gene only is responsible of the interest of exploration		
4. The way of living also play a role in loving exploration.		