



The Role of Language

Activity 2 Video Description

Transcript

Context: 2nd year Bachelor's in biology class, English-taught programme, local students, France

[chatter]

[French chatter – *moi j'ai envie de mettre*]

TEACHER: OK, OK, yes. OK, right. So the questions the girls were raising... they were a bit worried because said I wouldn't have the idea of drawing the trees like this because it's not asked this way in the text. This is true, but I just thought it was easier for everybody to understand the differences between the families. Now you don't need to write the... to represent the trees. I think it's a good idea, OK? You would get... what you're asked to provide is the genotypes. OK, so Charles, so can you comment on the genotypes?

STUDENT: So the parents are heterozygotes [unintelligible]

TEACHER: Yep... you should also provide the genotype of the mother.

STUDENT: It's the same.

TEACHER: Yeah, but...just.

I, I... It's just for the parents.

TEACHER: Yeah, but please, don't be lazy.

[laughter]

TEACHER: And now that you've done it are you sure that both parents are mu- ... so they're mutated in the same gene, OK, but they carry the same mutation? Do you know that or not?

STUDENT: No.

TEACHER: OK, this is why I wanted you to write it.

STUDENT: So, it can be A1-

TEACHER: OK, it can be A1-, A2-... they can be mutated into 2 different nucleotides, OK. But they are mutated in the same gene. So, if you know we can sequence their gene and find out if they have the mutation or not, the parents, if they if they do have the same mutation, what do you suspect... hey, hey, this is an important question. I repeat the question, please, in case A, OK, you sequence



the genes, the genes A of both parents and you find out that they have exactly the same, they carry exactly the same mutation, both parents, the mother and the father, they have the same mutation, what then do you suspect?

STUDENT: That they are in the same family? TEACHER: That they are?

STUDENT: In the same family?

TEACHER: That they are related somehow, maybe they are cousins or they are...no? Usually not brothers and sisters, but they could be related, they could be cousins, either very close cousins, how do you say Joanne...

[chatter]

[French chatter – *moi j'ai envie de mettre*]

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