

Toolboxes for SuperFastLearning digital contents in STEM

Example presentation

Problem-based-learning







Assessment

Here is the online assessment to check what concepts were acquired during the autonomous learning.

	Albinism is
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Answers

Enter the answers and pick at least one correct answer

<input checked="" type="checkbox"/>		a genetic disease	
<input type="checkbox"/>		a frequent disease	
<input checked="" type="checkbox"/>		an autosomal disease	
<input type="checkbox"/>		a dominant disease	



R402Q indicates

Answers

Enter the answers and pick at least one correct answer

- | | | | |
|-------------------------------------|--|----------------------------|--|
| <input type="checkbox"/> | | a frameshift mutation | |
| <input type="checkbox"/> | | a silent mutation | |
| <input checked="" type="checkbox"/> | | an amino acid substitution | |
| <input type="checkbox"/> | | a deletion | |



Individuals homozygotes for R402Q are

Answers

Enter the answers and pick at least one correct answer

- | | | | |
|-------------------------------------|--|------------------------------|--|
| <input type="checkbox"/> | | severely diseased | |
| <input type="checkbox"/> | | mildly diseased | |
| <input checked="" type="checkbox"/> | | healthy | |
| <input checked="" type="checkbox"/> | | frequent in human population | |



R402Q results in

Answers

Enter the answers and pick at least one correct answer

- | | | | |
|-------------------------------------|--|---|--|
| <input type="checkbox"/> | | complete loss of tyrosinase expression | |
| <input type="checkbox"/> | | complete loss of tyrosinase activity | |
| <input type="checkbox"/> | | thermosensitive loss of tyrosinase expression | |
| <input checked="" type="checkbox"/> | | thermosensitive loss of tyrosinase activity | |









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 Chloé's genotype is

Answers











Enter the answers and pick at least one correct answer

- | | | | |
|-------------------------------------|---|-------------|---|
| <input type="checkbox"/> |  | R402Q/R402Q |  |
| <input type="checkbox"/> |  | R402Q/+ |  |
| <input checked="" type="checkbox"/> |  | R402Q/W80* |  |
| <input type="checkbox"/> |  | R402Q/T373K |  |

 The probability for Chloé and Tom to have a baby with OCA is

Answers

Enter the answers and pick at least one correct answer

- | | | | |
|-------------------------------------|---|------|---|
| <input type="checkbox"/> |  | 0% |  |
| <input type="checkbox"/> |  | 25% |  |
| <input checked="" type="checkbox"/> |  | 50% |  |
| <input type="checkbox"/> |  | 75% |  |
| <input type="checkbox"/> |  | 100% |  |



At the end of the final phase, the groups delivered a presentation of their solution. This presentation is assessed based on several criterii :

- Visual quality of the slide show (choice of colour, text size, figure size...)
- Respect for the instructions (given in the booklet and in teacher's mails)
- English language (spelling)
- Pedagogy to be accessible to naive peers (Structure, linearity)
- Creativity
- Scientific quality
- Quality of illustrations
- Quality of research carried out
- Clearly cited sources