

Using Quizzes and Item Analysis to Inform Teaching and Learning

Worst Ten Performers: Questions with the *smallest* percentages of correct responses.

Question	# Observations	# Responses	% Incorrect	Performance
q12 NA structure s1 q6	3	3	100.0%	
q12 NA structure s1 q9	1	1	100.0%	
q12 DNA s1 q8	1	1	100.0%	
q12 NA structure s1 q10	3	3	66.7%	
q12 NA structure s1 q7	5	5	60.0%	
q12 RNA s1 q2	18	18	50.0%	
q12 RNA s1 q0	11	11	45.5%	
q12 RNA s1 q1	12	12	41.7%	
q12 cloning vec s1 q1	14	14	35.7%	
q12 DNA s1 q3	6	6	33.3%	

Best Five Performers: Questions with the *largest* percentages of correct responses.

Question	# Observations	# Responses	% Correct	Performance
q12 DNA s1 q1	5	5	100.0%	
q12 DNA protein s1 q1	5	5	100.0%	
q12 NA structure s1 q0	2	2	100.0%	
q12 NA structure s1 q1	2	2	100.0%	
q12 DNA s1 q0	2	2	100.0%	

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https://oli.web.cmu.edu - Feedback on Q12 - Nucleic Acid Structure and Cloning - Mozilla Firefox

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Question 22: q12_RNA_s1_q1

12 observations, 12 student responses, 100.0% response rate

58.3% correct

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Sample Display:

Transfer RNA

- Res1 - has the highest molecular weight of the commonly occurring forms of RNA
- Res2 - has no internal hydrogen bonding
- Res3 - bonds to amino acids in the course of protein synthesis
- Res4 - all of the above

Correct Responses

Response	Score	Frequency	%
Res3	1	7	58.3%

Incorrect Responses

Response	Score	Frequency	%
Res4	0	3	25.0%
Res1	0	2	16.7%
Res2	0	0	0.0%

