

Age	Are you colour - blind?	Confidence with Computers	Before using the application, how well do you think you understood primer design?	After using the application, how well do you think you understand primer design?	Do you feel that you were given enough information from the application?	Describe any technical problems you faced while using the application.	Any further comments	Would you use the application again to study primer design and/or PCR?
18 to 20	No	4	3	4	Yes, the PDF provided all the information required to carry out the application. Very informative, well laid out and easy to read.	No technical problems occurred	I liked the way the application highlighted the base pairs as you went, made the task much easier! Very useful application, well done :)	Just Primer Design
21 to 30	No	5	4	5			The only problem I had was with the text size in the instruction manual. It was rather uncomfortable to read as it was too small (even when zooming in). I would also have preferred the figures to be near the text where they were being referred to.	Both Primer Design and PCR
21 to 30	No	4	3	4	User guide good but could have been easier to use if the pictures were within the text.	In the primer design capital letters didn't highlight. The PCR animation didn't fit on my screen properly, it looked funny. Resolution is 1366 x 768.	My computer's my best friend you see, It's better than any girlfriend could be, Except it only has bugs, Instead of nice jugs, And a tendency to crash constantly.	Just Primer Design
18 to 20	No	4	3	4				Both Primer Design and PCR
18 to 20	No	5	3	3		keep saying the location of forward primer of wrong which i couldn't access further of the exercise		Neither

18 to 20	No	4	4	4	Yes, the instruction manual was very useful but I would put the figures closer to the relevant text- it was frustrating having to scroll right to the bottom to see the figure I was reading about in the text. I also think it would be better if the application gave better feedback than 'pass' or 'fail' - particularly how to improve on a 'fail' rather than just continually flashing this up.	n/a	useful program for studying primer design, I found it helpful. Thanks.	Both Primer Design and PCR
18 to 20	No	5	3	4			I think it would be good if sequences were provided in the program rather than entering your own, and the desired range of nucleotides that was wanting to be the PCR product was already selected	Both Primer Design and PCR
21 to 30	No	5	3	4	The first section was a little confusing when it asked you to search for a gene on NCBI as it didn't tell you where to look for this on the website. However, I then used the instruction document which was very helpful.	None	Well done :) 9/10	Both Primer Design and PCR

21 to 30	No	4	4	4	Yes, the instructions file was usefull.	The animation at the end didn't run. I was on a university PC, not sure which windows OS they use, it was on level 8.		Just Primer Design
18 to 20	No	4	3	4	YES	It all worked well		Both Primer Design and PCR
18 to 20	No	5	3	2	There was no description of how to actually design the forward and reverse primers. I wasn't very confident about this when I started, hoping that the application would guide me through the process. Instead, I couldn't progress any further than this early stage as I couldn't figure out the reverse primer sequence and there was no way of getting a hint or additional information. I feel that there should be a way of getting the correct answer after several failed attempts, so that the user can progress with the primer design exercise to see the full protocol.	n/a	A hint/help button would be useful so that the user can progress with the application instead of having to give up!	Neither
21 to 30	No	5	4	4				Neither
18 to 20	No	2	3	4				Just Primer Design
18 to 20	No	4	3	4	Yes	n/a	What did the antibody go to the Halloween costume party as? As an "immunoglobulin" :D	Both Primer Design and PCR
18 to 20	No	4	3	3				Neither