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# Protocol 1: PCR

Forked from [Protocol 1: PCR](#)

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<sup>1</sup>UCSC**1** *Works for me*

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## FORK FROM

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## BEFORE STARTING

To build PCR primers, it is as simple as uploading a FASTA file to the PrimerQuest Tool website. It works either by uploading manually a sequence, FASTA entry, downloading NCBI or Accession ID, or uploading an excel file with sequences on it.

### 1 Find a Sequence

You will need to look up the gene for the sequence you are trying to amplify and download your file (any type described above)

### 2 Go to PrimerQuest Tool

You will need to go to the PrimerQuest Tool webpage, <https://www.idtdna.com/Primerquest/Home/Index>, in order to

## PrimerQuest Tool



- You are able to select primers based on the size of the amplicon produced or the actual size of the primers.
- To look more in depth on a primer click the link. It gives the start and stop position of the primer in respect to the file sequence, the melting temperature of the primer, and the GC content of the primer

**5 Confirm your primer.** The confirmation page will compile all of the necessary primer information onto one page so that you can have one last check of the aspects of your primers before you order. When you are confident in your choice, save the primer information and send them out to be synthesized.