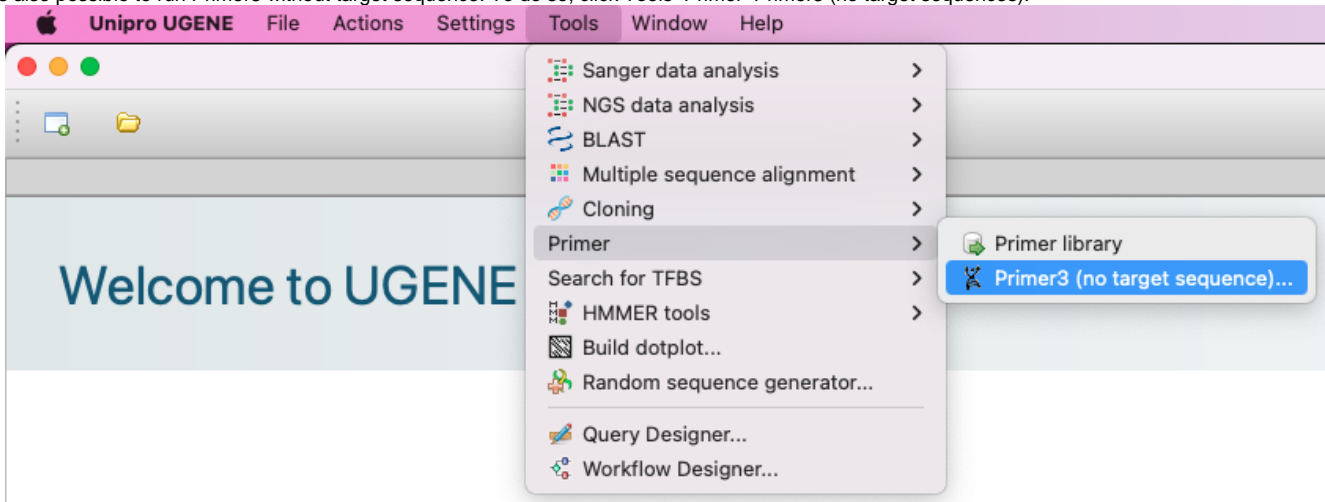


Primer3 (no target sequence)

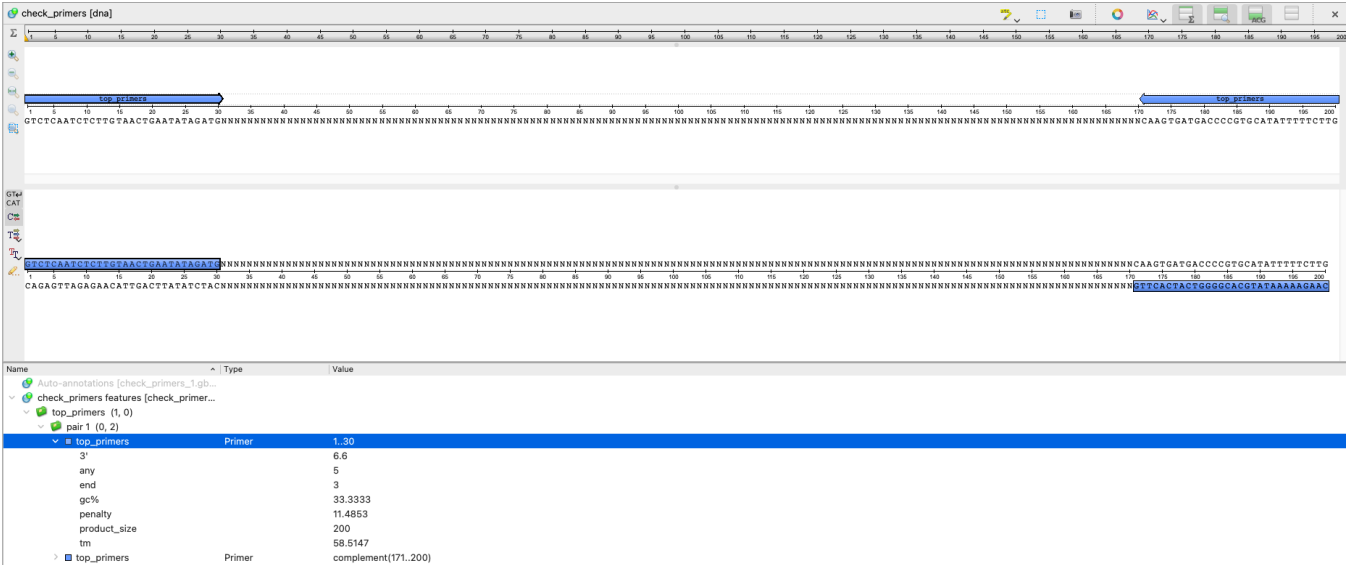
It is also possible to run Primer3 without target sequence. To do so, click Tools Primer Primer3 (no target sequences):



The same dialog as for a usual Primer3 calculation will be opened:

A screenshot of the 'Primer Designer' dialog box. The 'Main' tab is selected. The 'Choose preset' dropdown is set to 'Default'. The 'Select the Task for primer selection' dropdown is set to 'check_primers'. There are three checkboxes: 'Pick left primer' (checked), 'Pick internal oligo' (unchecked), and 'Pick right primer' (checked). Below each checkbox are text input fields for primer sequences and '5' Overhang' values. There are also fields for 'Targets', 'Overlap Junction List', 'Excluded Regions', 'Pair OK Region List', and 'Included region'. At the bottom, there are fields for 'Start Codon Position' (-2000000), 'Start Codon Sequence' (ATG), 'Force Left Primer Start' (-1000000), 'Force Right Primer Start' (-1000000), 'Force Left Primer End' (-1000000), 'Force Right Primer End' (-1000000), 'Five Matches on Primer's 5'', 'Five Matches on Primer's 3'', 'Five Matches on Internal Oligo's 5'', and 'Five Matches on Internal Oligo's 3''. At the bottom right, there are fields for 'Product Size Ranges' (100-300), 'Mispriming/Repeat library' (NONE), 'Number to return' (5), 'Max 3' Stability' (100.00), 'Max Library Mispriming' (12.00), and 'Pair Max Library Mispriming' (24.00). At the bottom of the dialog are buttons for 'Help', 'Close', 'Save settings', 'Load settings', 'Reset form', and 'Pick primers'.

The main difference is that you cannot choose task - only **check_primers** is available (which is obvious, because you need to provide at least some primers to have a result). **RTPCR Primer Design** and **Posterior Actions** tabs are also disabled, as far as their executions expect target sequences. After performing the calculation, you will get the result sequence with your input primers:



Result primers have the same qualifiesr as in a [regular Primer3 calculation](#).