

Instructions for Uploading Plate Order on a Macrogen Template

Primer Information	Primer #1	Primer #2	Primer #3	Primer #4	Primer #5	Primer #6
1. Name						
2. Start Position						
End Position						
Sequence						
Concentration						
Type						

Primer Information:

1. For a plate order, you can include up to 6 primers. Please write the name of each primer.
2. The **Start Position** is to indicate which wells are to be sequenced with which primers. For example, Start Position could be A1 and the **End Position** could be A12.

When you enter the start position and end position for each primer, the name of the primer will appear automatically in the table below (see image below), next to the corresponding Sample #, Well Position, and Sample Name.

3. Please also include the sequence and the concentration. A number is sufficient as it is understood that the concentration is pM.
4. For the "Type" of primer, you have the options of 1) Universal 2) Enclosed 3) Synthesis, and 4) Stored.

Universal would be a primer that Macrogen keeps in-house. *Enclosed* would be a primer that you are shipping to Macrogen along with your plate. *Stored* is if you would like Macrogen to use a primer from a previous order. *Keep in mind that Macrogen would **not** have a primer stored from a sequencing that occurred more than 3 months ago.

Plate Name	
Well Type	Vertical

For the **Well Type**, you have the options of Horizontal or Vertical. The excel file will shift automatically if you change this.

Number Of Sample #	Well Position	Sample Name	Conc	Primer #1	Primer #2	Primer #3	Primer #4	Primer #5	Primer #6	Product Size (bp)	Name of vector	Antibiotics
1	A1			Awesome Primer								
2	B1			Awesome Primer								
3	C1			Awesome Primer								
4	D1			Awesome Primer								
5	E1			Awesome Primer								
6	F1			Awesome Primer								
7	G1			Awesome Primer								
8	H1											
9	A2											
10	B2											

Sample Name: The sample name can only include letters. No Characters, such as . ? !

*Instead of using a period, an alternative option might be _

It is necessary to write the **Concentration** as well as the **Product Size**.

