



RXN+SEQ Sample Ticket MBCL@umassmed.edu

You provide template and we set up the reaction!

	Template DNA Name	Template DNA Concentration *	Name of Primer to use **	OR	Approx length of DNA fragment being sequenced. Includes any plasmid backbone
1					
2					
3					
4					
5					
6					
7					
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10					
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12					
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14					
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16					
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21					
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23					
24					

* Template DNA concentration: It's the number of copies of each template (Molarity) not the total mass that matters most. Please use this guide for dilution of your template for sequencing. Length should include any vector or backbone present, e.g. a 500 bp insert in a 4Kb plasmid, is 4.5Kb total.

Plasmid + Insert up to 10 Kb please provide 50ng/ul

Amplicons or Restriction Fragments 100-999 bases please provide at 25ng/ul

Amplicons or Restriction Fragments 1 Kb and over please provide at 50ng/ul

Genomic DNA, contact us regarding shearing and prep

** Primers available are listed on the web page, they include M13F M13R SP6pro T3 T7 CMVpro and others. You may also use a custom primer, please provide an aliquot at 5uM and list it by the same name above as on the tube. You may also email us the name and sequence of a custom primer and we will order it for you for a nominal fee then store it here for your future use. Please note, the first time you request a custom primer to be ordered it will add a couple of days to your sequencing reaction turnaround time.

DATE		Notes to Sequencing Core:
PI		
Your Name		
Phone		
Acct #		
Your Email Address		@