



**A · A · C**  
**Genomics**  
**Facility**

**Advanced Analysis Centre**  
**Genomics Facility**

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**Dye Terminator Cycle Sequencing**  
**Requisition Form**

Purchase Order Number
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Client Name	Invoice Address:
Address	
Phone	
Email	

**Results**    Printed electropherogram    Email .txt / ab1 files    Provided Disc

**Primer Description** Dilute primers to 5pmol/ul and provide 10pmol/reaction  $\Delta Tm(^{\circ}C) = [4 \cdot (G+C) + 2 \cdot (A+T)] - 3^{\circ}$

	Name	Primer Sequence	Annealing Temperature	Concentration (pmol/ul)
1		5'		
2		5'		
3		5'		
4		5'		
5		5'		
6		5'		

**Template Description**

	Sample Name	Sequence with primer number	ds/ss DNA/RNA	Vector size (bp)	Insert or PCR product size (bp)	Concentration (ng/ul)
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

DNA	Concentration (ng/ul)	Quantity (ng)
dsDNA 1-10kb bp	5-200	300
PCR 100-500bp	1-10	20
PCR 500-1000bp	10-30	50
PCR 1000-5000bp	25-50	150

**Recommended DNA Concentrations and Quantities**

- Plasmid DNA must be free of protein and bacterial DNA
- PCR products must be purified using various methodologies
- UV exposure of excised bands must be minimal