A · A · C Genomics Facility

Science Complex Rm 1401,
University of Guelph
488 Gordon Street
Guelph, Ontario, Canada N1G 2W1
Phone: 519-824-4120 ext. 58357
Fax: 519-767-1656
Email: genomics@uoguelph.ca
Website: http://www.uoguelph.ca/~genomics/

Dye Terminator Cycle Sequencing Requisition Form

Client Name	**Position**
Email	**Department**
Phone	**Supervisor**

Authorized Signature (required): _____

Billing Information ***GL Coding (26 digits)***

Fund (3)	Unit (6)	Grant (6)	Project (6)	Object (5)
				64251

Special Requests ☐ **print electropherogram** ☐ **keep sample for return**

Primer Description Dilute primers to 5uM and provide 2uL for each reaction $\Delta T^m(^\circ C) = [4^\circ(G+C)+2^\circ(A+T)]-3^\circ$

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

Template Description

	Sample Name	Primer number	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 Template Size	Concentration (ng/uL)	Quantity (ng/rxn)
100-500bp	5-10	20
500-1000bp	10-30	50
1kb-5kb	30-100	150
5kb-10kb	100-200	300

Template Preparation

- ✓ 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
- ✓ Recommend quality/quantity assessment with Nanodrop