illumina®

Paired-End Cluster Generation on the Cluster Station

Lab Tracking Form

Flow Cell _____

Run Folder _____

Instrument Name _____

1 Samples and Reagents

Samples Loaded

Lane	Sample ID	Concentration (pM)
1		
2		
3		
4		
5		
6		
7		
8		

Paired-End Cluster Generation Kit v4 (Box 1) Lot Numbers

Box Lot Number _____

Reagent	Lot Number
APM1	
AMX1	
AT1	
BMX	
HFE	
HP1	
HP3 (Read 1)	
HT1	
HT2	
LMX1	

2 Cluster Generation

Step	Date	Sign-Off
Amplification		Name: _____ Date: _____
Linearization, Blocking, Primer Hybridization		Name: _____ Date: _____

Reagent Delivery During Amplification

Position	Reagent	Weight Before Amplification	Weight After Amplification	Reagent Delivery During Amplification	Expected Delivery (µl or mg)
1	AMX1				10,420
3	HT2				1,460
9	AT1				8,180
11	APM1				8,180
12	HT1				1,100

Reagent Delivery During Linearization, Blocking, and Primer Hybridization

Position	Reagent	Weight Before Lin/Block/Hyb	Weight After Lin/Block/Hyb	Reagent Delivery During Lin/Block/Hyb	Expected Delivery (µl or mg)
3	HT2				3,380
4	BMX				1,660
7	HP1				1,020
12	HT1				2,500
14	LMX1				1,100
17	HP3				1,100

Reagent Delivery Using the One-Step Recipe

Position	Reagent	Weight Before Amp/Lin/Block/Hyb	Weight After Amp/Lin/Block/Hyb	Reagent Delivery During Amp/Lin/Block/Hyb	Expected Delivery (µl or mg)
1	AMX1				10,420
3	HT2				4,840
4	BMX				1,660
7	HP1				1,020
9	AT1				8,180
11	APM1				8,180
12	HT1				3,600
14	LMX1				1,100
17	HP3				1,100

3 Sign-Off

Name: _____

Date: _____

Signature: _____