

## DNA Prep

### QUANT DNA

W A S H	96 MIDI STD DNA BARCODE _____	1 96 MIDI OR TCY GS#-DNA BARCODE _____	1 96 FBLK GS#-QDNA BARCODE _____			Operator _____
	96 FBLK STD QDNA BARCODE _____	2 96 MIDI OR TCY GS#-DNA BARCODE _____	2 96 FBLK GS#-QDNA BARCODE _____			Robot _____
	A PicoGreen	3 96 MIDI OR TCY GS#-DNA BARCODE _____	3 96 FBLK GS#-QDNA BARCODE _____			Date _____
						_____
						_____
						Comments _____

### READ QDNA

GS#-QDNA Barcode-1	Operator	Fluorometer Used
GS#-QDNA Barcode-2	Date	Software Version
GS#-QDNA Barcode-3		Quantitation Successful? Yes: [ ] No: [ ]
		Quantitation Successful? Yes: [ ] No: [ ]
		Quantitation Successful? Yes: [ ] No: [ ]
	Comments	

### DNA Activation

#### MAKE SUD

	1	4	1	4	
	96 MIDI OR TCY GS#-DNA	96 MIDI OR TCY GS#-DNA	96 TCY SUD	96 TCY SUD	
	BARCODE _____	BARCODE _____	BARCODE _____	BARCODE _____	
	2	5	2	5	
	96 MIDI OR TCY GS#-DNA	96 MIDI OR TCY GS#-DNA	96 TCY SUD	96 TCY SUD	
	BARCODE _____	BARCODE _____	BARCODE _____	BARCODE _____	
3	6	3	6		
96 MIDI OR TCY GS#-DNA	96 MIDI OR TCY GS#-DNA	96 TCY SUD	96 TCY SUD		
BARCODE _____	BARCODE _____	BARCODE _____	BARCODE _____		

Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

- Heat Block (95°C, 30 min)  
 Start: \_\_\_\_\_ Stop: \_\_\_\_\_
  - Incubate SUD (Illumina LIMS)
- MS1 Barcode-1 \_\_\_\_\_ MS1 Barcode-2 \_\_\_\_\_ MS1 Barcode-3 \_\_\_\_\_  
 MS1 Barcode-4 \_\_\_\_\_ MS1 Barcode-5 \_\_\_\_\_ MS1 Barcode-6 \_\_\_\_\_

#### PRECIP SUD

	A	1	4		
		96 TCY SUD	96 TCY SUD		
		BARCODE _____	BARCODE _____		
	B	2	5		
		96 TCY SUD	96 TCY SUD		
		BARCODE _____	BARCODE _____		
	3	6			
	96 TCY SUD	96 TCY SUD			
	BARCODE _____	BARCODE _____			

Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

- Spin SUD 3000xg (20 min)
  - Spin SUD (Illumina LIMS)
- A \_\_\_\_\_ PS1 Barcode \_\_\_\_\_  
 B \_\_\_\_\_ 2-Propanol Lot \_\_\_\_\_

#### RESUSPEND SUD

	A	1	4		
		96 TCY SUD	96 TCY SUD		
		BARCODE _____	BARCODE _____		
		2	5		
		96 TCY SUD	96 TCY SUD		
		BARCODE _____	BARCODE _____		
	3	6			
	96 TCY SUD	96 TCY SUD			
	BARCODE _____	BARCODE _____			

Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

- A \_\_\_\_\_ RS1 Barcode \_\_\_\_\_

## DNA Activation

### MAKE SUD BATCH\*

WASH	1	96 TCY SUD BARCODE _____		96 MIDI OR TCY GS#-DNA BARCODE _____	96 MIDI OR TCY GS#-DNA BARCODE _____	96 MIDI OR TCY GS#-DNA BARCODE _____
				96 MIDI OR TCY GS#-DNA BARCODE _____	96 MIDI OR TCY GS#-DNA BARCODE _____	96 MIDI OR TCY GS#-DNA BARCODE _____
				96 MIDI OR TCY GS#-DNA BARCODE _____	96 MIDI OR TCY GS#-DNA BARCODE _____	96 MIDI OR TCY GS#-DNA BARCODE _____

Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

- Attach printed Make SUD Batch file
- Incubate SUD (Illumina LIMS)
- Heat Block (95°C, 30 min)  
 Start: \_\_\_\_\_ Stop: \_\_\_\_\_

MS1 Barcode \_\_\_\_\_

\* A SUD Batch plate can use DNA from up to 96 GS#-DNA plates

### PRECIP SUD

WASH	A	1	96 TCY SUD BARCODE _____	4	96 TCY SUD BARCODE _____		
	B	2	96 TCY SUD BARCODE _____	5	96 TCY SUD BARCODE _____		
		3	96 TCY SUD BARCODE _____	6	96 TCY SUD BARCODE _____		

Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

- Spin SUD 3000xg (20 min)
- Spin SUD (Illumina LIMS)

A \_\_\_\_\_ B \_\_\_\_\_  
 PS1 Barcode 2-Propanol Lot

### RESUSPEND SUD

WASH	A	1	96 TCY SUD BARCODE _____	4	96 TCY SUD BARCODE _____		
		2	96 TCY SUD BARCODE _____	5	96 TCY SUD BARCODE _____		
		3	96 TCY SUD BARCODE _____	6	96 TCY SUD BARCODE _____		

Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

A \_\_\_\_\_  
 RS1 Barcode

DNA Activation

MAKE MUD

	1	4	1	4	
	96 MIDI OR TCY GS#-DNA	96 MIDI OR TCY GS#-DNA	96 TCY MUD	96 TCY MUD	
	BARCODE _____	BARCODE _____	BARCODE _____	BARCODE _____	
	2	5	2	5	
	96 MIDI OR TCY GS#-DNA	96 MIDI OR TCY GS#-DNA	96 TCY MUD	96 TCY MUD	
	BARCODE _____	BARCODE _____	BARCODE _____	BARCODE _____	
3	6	3	6		
96 MIDI OR TCY GS#-DNA	96 MIDI OR TCY GS#-DNA	96 TCY MUD	96 TCY MUD		
BARCODE _____	BARCODE _____	BARCODE _____	BARCODE _____		

Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

- Incubate MUD (Illumina LIMS)
  - Heat Block (95°C, 30 min)
- Start: \_\_\_\_\_ Stop: \_\_\_\_\_

MM1 Barcode-1 \_\_\_\_\_ MM1 Barcode-2 \_\_\_\_\_ MM1 Barcode-3 \_\_\_\_\_  
 MM1 Barcode-4 \_\_\_\_\_ MM1 Barcode-5 \_\_\_\_\_ MM1 Barcode-6 \_\_\_\_\_

PRECIP MUD

	A	1	4	1	4
		96 MIDI MUN	96 MIDI MUN	96 TCY MUD	96 TCY MUD
		BARCODE _____	BARCODE _____	BARCODE _____	BARCODE _____
	B	2	5	2	5
		96 MIDI MUN	96 MIDI MUN	96 TCY MUD	96 TCY MUD
		BARCODE _____	BARCODE _____	BARCODE _____	BARCODE _____
	3	6	3	6	
	96 MIDI MUN	96 MIDI MUN	96 TCY MUD	96 TCY MUD	
	BARCODE _____	BARCODE _____	BARCODE _____	BARCODE _____	

Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

- Spin MUN (Illumina LIMS)
- Spin MUN 3000xg (20 min)

A \_\_\_\_\_ PS1 Barcode  
 B \_\_\_\_\_ 2-Propanol Lot

RESUSPEND MUN

	A	96 MIDI MUN	96 MIDI MUN		
		BARCODE _____	BARCODE _____		
		96 MIDI MUN	96 MIDI MUN		
		BARCODE _____	BARCODE _____		
		96 MIDI MUN	96 MIDI MUN		
		BARCODE _____	BARCODE _____		

Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

A \_\_\_\_\_ RS1 Barcode

# Allele-Specific Extension

## MAKE SUD ASE

	1	4	1	4	
	96 TCY SUD	96 TCY SUD	96 TCY ASE	96 TCY ASE	
	BARCODE _____	BARCODE _____	BARCODE _____	BARCODE _____	
	2	5	2	5	
	96 TCY SUD	96 TCY SUD	96 TCY ASE	96 TCY ASE	
	BARCODE _____	BARCODE _____	BARCODE _____	BARCODE _____	
3	6	3	6		
96 TCY SUD	96 TCY SUD	96 TCY ASE	96 TCY ASE		
BARCODE _____	BARCODE _____	BARCODE _____	BARCODE _____		

Operator \_\_\_\_\_

Robot \_\_\_\_\_

Date \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Comments \_\_\_\_\_

- Hyb Oven Program 1  
or
- 70°C Heat Block  Reset to 30°C
- Incubate for 2 hours (Up to 16 hours)
- Start: \_\_\_\_\_ Stop: \_\_\_\_\_
- Hyb ASE (Illumina LIMS)

OPA Barcode-1 _____	OPA Barcode-2 _____	OPA Barcode-3 _____
OPA Barcode-4 _____	OPA Barcode-5 _____	OPA Barcode-6 _____
OB1 Barcode-1 _____	OB1 Barcode-2 _____	OB1 Barcode-3 _____
OB1 Barcode-4 _____	OB1 Barcode-5 _____	OB1 Barcode-6 _____

## MAKE SUD ASE BATCH\*

	1	1			
	96 TCY ASE	96 TCY SUD			
	BARCODE _____	BARCODE _____			

Operator \_\_\_\_\_

Robot \_\_\_\_\_

Date \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Comments \_\_\_\_\_

- Hyb Oven Program 1  
or
- 70°C Heat Block  Reset to 30°C
- Hyb ASE (Illumina LIMS)
- Incubate for 2 hours (Up to 16 hours)
- Start: \_\_\_\_\_ Stop: \_\_\_\_\_

OB1 Barcode \_\_\_\_\_

- Attach printed Make SUD Batch file (lists OPA barcodes)
- \* A SUD ASE Batch plate can use up to 75 OPAs and one SUD plate

OPA Barcode _____	OPA Barcode _____	OPA Barcode _____	OPA Barcode _____
OPA Barcode _____	OPA Barcode _____	OPA Barcode _____	OPA Barcode _____
OPA Barcode _____	OPA Barcode _____	OPA Barcode _____	OPA Barcode _____
OPA Barcode _____	OPA Barcode _____	OPA Barcode _____	OPA Barcode _____
OPA Barcode _____	OPA Barcode _____	OPA Barcode _____	OPA Barcode _____
OPA Barcode _____	OPA Barcode _____	OPA Barcode _____	OPA Barcode _____

# Allele-Specific Extension

## MAKE MUN ASE

W A S H	1	96 MIDI MUN _____ BARCODE	4	96 MIDI MUN _____ BARCODE	1	96 TCY ASE _____ BARCODE	4	96 TCY ASE _____ BARCODE	
	2	96 MIDI MUN _____ BARCODE	5	96 MIDI MUN _____ BARCODE	2	96 TCY ASE _____ BARCODE	5	96 TCY ASE _____ BARCODE	
	3	96 MIDI MUN _____ BARCODE	6	96 MIDI MUN _____ BARCODE	3	96 TCY ASE _____ BARCODE	6	96 TCY ASE _____ BARCODE	

Operator \_\_\_\_\_  
Robot \_\_\_\_\_  
Date \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Comments \_\_\_\_\_

- Hyb Oven Program 1  
or
  - 70°C Heat Block  Reset to 30°C
  - Hyb ASE (Illumina LIMS)
  - Incubate for 2 hours (Up to 16 hours)
- Start: \_\_\_\_\_ Stop: \_\_\_\_\_

OPA Barcode-1 \_\_\_\_\_ OPA Barcode-2 \_\_\_\_\_ OPA Barcode-3 \_\_\_\_\_  
OPA Barcode-4 \_\_\_\_\_ OPA Barcode-5 \_\_\_\_\_ OPA Barcode-6 \_\_\_\_\_  
OB1 Barcode-1 \_\_\_\_\_ OB1 Barcode-2 \_\_\_\_\_ OB1 Barcode-3 \_\_\_\_\_  
OB1 Barcode-4 \_\_\_\_\_ OB1 Barcode-5 \_\_\_\_\_ OB1 Barcode-6 \_\_\_\_\_

## MAKE MUN ASE BATCH\*

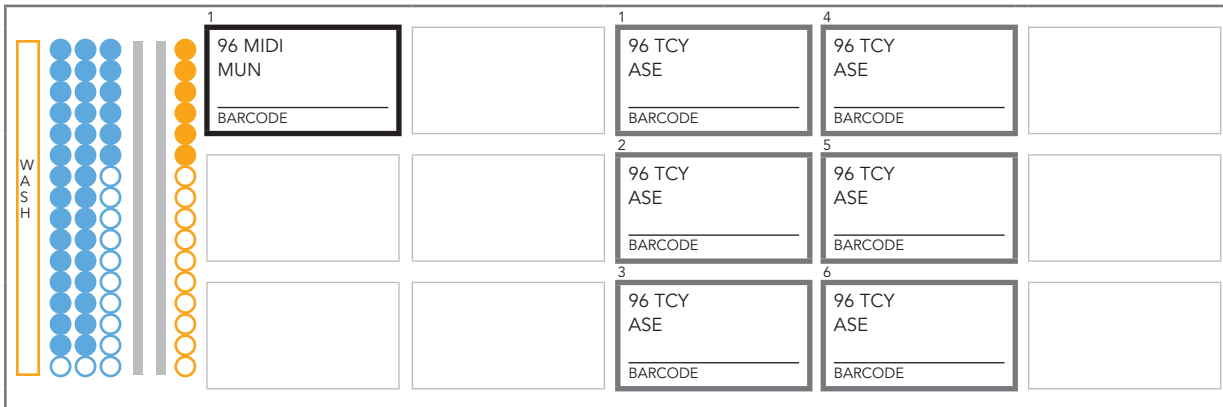
W A S H	96 TCY ASE _____ BARCODE		96 MIDI MUN _____ BARCODE	96 MIDI MUN _____ BARCODE	96 MIDI MUN _____ BARCODE
			96 MIDI MUN _____ BARCODE	96 MIDI MUN _____ BARCODE	96 MIDI MUN _____ BARCODE
			96 MIDI MUN _____ BARCODE	96 MIDI MUN _____ BARCODE	96 MIDI MUN _____ BARCODE

Operator \_\_\_\_\_  
Robot \_\_\_\_\_  
Date \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Comments \_\_\_\_\_

- Hyb Oven Program 1  
or
  - 70°C Heat Block  Reset to 30°C
  - Hyb ASE (Illumina LIMS)
  - Incubate for 2 hours (Up to 16 hours)
- Start: \_\_\_\_\_ Stop: \_\_\_\_\_
- Attach printed Make MUN ASE Batch file  
\* A MUN ASE Batch plate can use up to 75 OPAs and up to 96 MUN plates

OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_  
OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_  
OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_  
OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_  
OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_  
OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_ OPA Barcode \_\_\_\_\_

MAKE MULTI-OPA MUN ASE\*



Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

- Hyb Oven Program 1  
or
  - 70°C Heat Block  Reset to 30°C
  - Hyb ASE (Illumina LIMS)
  - Incubate for 2 hours (Up to 16 hours)
- Start: \_\_\_\_\_ Stop: \_\_\_\_\_

- |                |                |                |
|----------------|----------------|----------------|
| OPA Barcode-1  | OPA Barcode-2  | OPA Barcode-3  |
| OPA Barcode-4  | OPA Barcode-5  | OPA Barcode-6  |
| OPA Barcode-7  | OPA Barcode-8  | OPA Barcode-9  |
| OPA Barcode-10 | OPA Barcode-11 | OPA Barcode-12 |
| OPA Barcode-13 | OPA Barcode-14 | OPA Barcode-15 |
| OPA Barcode-16 | OPA Barcode-17 | OPA Barcode-18 |
| OPA Barcode-19 | OPA Barcode-20 | OPA Barcode-21 |
| OPA Barcode-22 | OPA Barcode-23 | OPA Barcode-24 |
| OPA Barcode-25 | OPA Barcode-26 | OPA Barcode-27 |
| OPA Barcode-28 | OPA Barcode-29 | OPA Barcode-30 |
| OPA Barcode-31 | OPA Barcode-32 | OPA Barcode-33 |
| OPA Barcode-34 | OPA Barcode-35 | OPA Barcode-36 |
| OB1 Barcode-1  | OB1 Barcode-2  | OB1 Barcode-3  |
| OB1 Barcode-4  | OB1 Barcode-5  | OB1 Barcode-6  |

\* A Multi-OPA MUN ASE plate can use up to 6 ASE plates and 1, 2, 3, 4, or 6 OPAs per plate

### PCR and Hybridization

#### ADD MEL

	A		1	96 TCY ASE _____ BARCODE			
	B		2	96 TCY ASE _____ BARCODE			
			3	96 TCY ASE _____ BARCODE			

Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

Hyb Oven Program  
 or  
 45°C Heat Block (15 min)  
 Start: \_\_\_\_\_ Stop: \_\_\_\_\_

\_\_\_\_\_  
 MEL Barcode      MEL Barcode      MEL Barcode  
 \_\_\_\_\_  
 AM1 Barcode      UB1 Barcode

#### MAKE PCR

			1	96 TCY PCR _____ BARCODE	4	96 TCY PCR _____ BARCODE	7	96 TCY PCR _____ BARCODE
			2	96 TCY PCR _____ BARCODE	5	96 TCY PCR _____ BARCODE	8	96 TCY PCR _____ BARCODE
			3	96 TCY PCR _____ BARCODE	6	96 TCY PCR _____ BARCODE	9	96 TCY PCR _____ BARCODE

Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

Add Enzyme and UDG (Illumina LIMS)

\_\_\_\_\_  
 MMP Barcode-1      MMP Barcode-2      MMP Barcode-3      MMP Barcode-4  
 \_\_\_\_\_  
 MMP Barcode-5      MMP Barcode-6      MMP Barcode-7      MMP Barcode-8  
 \_\_\_\_\_  
 MMP Barcode-9



INOC PCR

	<div style="border: 1px solid purple; padding: 2px; display: inline-block;">A</div>	1	1		
		96 TCY ASE	96 TCY PCR		
		BARCODE	BARCODE		
		2	2		
		96 TCY ASE	96 TCY PCR		
		BARCODE	BARCODE		
3	3				
96 TCY ASE	96 TCY PCR				
BARCODE	BARCODE				

Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

Protocol/Program: \_\_\_\_\_  
 Start: \_\_\_\_\_ Stop: \_\_\_\_\_  
 Cycle PCR (Illumina LIMS)

IP1 Barcode-1 \_\_\_\_\_ IP1 Barcode-2 \_\_\_\_\_ IP1 Barcode-3 \_\_\_\_\_ UB1 Barcode \_\_\_\_\_  
 1-T/C Name \_\_\_\_\_ 2-T/C Name \_\_\_\_\_ 3-T/C Name \_\_\_\_\_  
 1-T/C Block \_\_\_\_\_ 2-T/C Block \_\_\_\_\_ 3-T/C Block \_\_\_\_\_

Post-PCR

BIND PCR

	<div style="border: 1px solid purple; padding: 2px; display: inline-block;">A</div>			1	4
				96 TCY PCR	96 TCY PCR
				BARCODE	BARCODE
				2	5
				96 TCY PCR	96 TCY PCR
				BARCODE	BARCODE
		3	6		
		96 TCY PCR	96 TCY PCR		
		BARCODE	BARCODE		

Operator \_\_\_\_\_  
 Robot \_\_\_\_\_  
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Comments \_\_\_\_\_

Incubate PCR (Illumina LIMS)

MPB Barcode-1 \_\_\_\_\_ MPB Barcode-2 \_\_\_\_\_ MPB Barcode-3 \_\_\_\_\_ Sec-Butanol Lot \_\_\_\_\_  
 MPB Barcode-4 \_\_\_\_\_ MPB Barcode-5 \_\_\_\_\_ MPB Barcode-6 \_\_\_\_\_

## MAKE HYB

		1	96 TCY PCR _____ BARCODE		1	96 TCY INT _____ BARCODE	96 TCY HYB _____ BARCODE	Operator _____
		2	96 TCY PCR _____ BARCODE		2	96 TCY INT _____ BARCODE	96 TCY HYB _____ BARCODE	Robot _____
		3	96 TCY PCR _____ BARCODE		3	96 TCY INT _____ BARCODE	96 TCY HYB _____ BARCODE	Date _____
								Comments _____

\_\_\_\_\_ MH1 Barcode-1      \_\_\_\_\_ MH1 Barcode-2      \_\_\_\_\_ MH1 Barcode-3  
 \_\_\_\_\_ UB2 Barcode      \_\_\_\_\_ 0.1N NaOH Lot

## HYB UNIVERSAL BC (32 SAMPLE BEADCHIP)

	1	96 Plate GS#-HYB _____ BARCODE	BC1	BC2	BC3		Operator _____
	2	96 Plate GS#-HYB _____ BARCODE	BC4	BC5	BC6		Robot _____
	3	96 Plate GS#-HYB _____ BARCODE	BC7	BC8	BC9		Date _____
							Comments _____

Accession BC (Illumina LIMS)  
 Incubate 60°C (30 min)  
 Start: \_\_\_\_\_

Incubate 45°C for 16 hours (18 hrs max)  
 Start: \_\_\_\_\_  
 Stop: \_\_\_\_\_

Hyb Oven ID \_\_\_\_\_

\_\_\_\_\_ BC1 Barcode      \_\_\_\_\_ BC2 Barcode      \_\_\_\_\_ BC3 Barcode      \_\_\_\_\_ CHB Barcode  
 \_\_\_\_\_ BC4 Barcode      \_\_\_\_\_ BC5 Barcode      \_\_\_\_\_ BC6 Barcode      \_\_\_\_\_ CHB Barcode  
 \_\_\_\_\_ BC7 Barcode      \_\_\_\_\_ BC8 Barcode      \_\_\_\_\_ BC9 Barcode      \_\_\_\_\_ CHB Barcode

## HYB UNIVERSAL BC (12 SAMPLE BEADCHIP)

W A S H	1	96 Plate GS#-HYB  BARCODE	BC1	BC2	BC3	BC4
			BC5	BC6	BC7	BC8

Operator \_\_\_\_\_

Robot \_\_\_\_\_

Date \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Comments \_\_\_\_\_

Accession BC (Illumina LIMS)

Incubate 60°C for (30 min)

Start: \_\_\_\_\_

BC1 Barcode \_\_\_\_\_ BC2 Barcode \_\_\_\_\_ BC3 Barcode \_\_\_\_\_ CHB Barcode \_\_\_\_\_

Incubate 45°C for 16 hours (18 hrs max)

Start: \_\_\_\_\_

Stop: \_\_\_\_\_

BC4 Barcode \_\_\_\_\_ BC5 Barcode \_\_\_\_\_ BC6 Barcode \_\_\_\_\_ CHB Barcode \_\_\_\_\_

BC7 Barcode \_\_\_\_\_ BC8 Barcode \_\_\_\_\_ CHB Barcode \_\_\_\_\_

Hyb Oven ID \_\_\_\_\_

## WASH, COAT, IMAGE (UNIVERSAL BC)

Coat Universal BC (Illumina LIMS)

PB1 Barcode \_\_\_\_\_ XC4 Barcode \_\_\_\_\_

Comments \_\_\_\_\_

\_\_\_\_\_

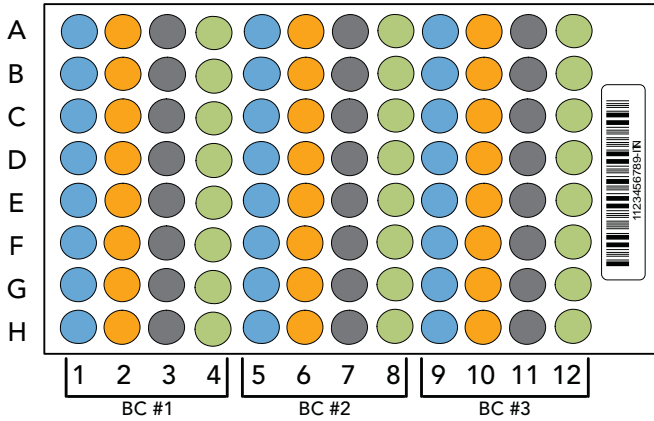
\_\_\_\_\_

Operator \_\_\_\_\_

Date \_\_\_\_\_

## Track Universal-32 BeadChips

INT Plate

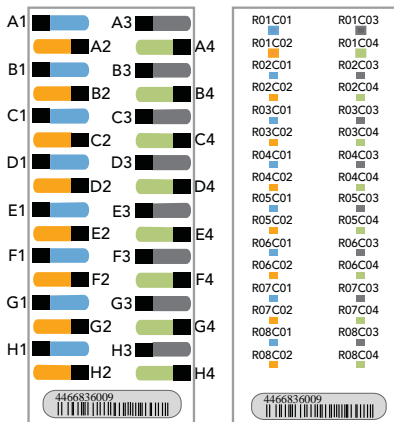


INT Plate Barcode: \_\_\_\_\_

or

HYB Plate Barcode: \_\_\_\_\_

BC #1

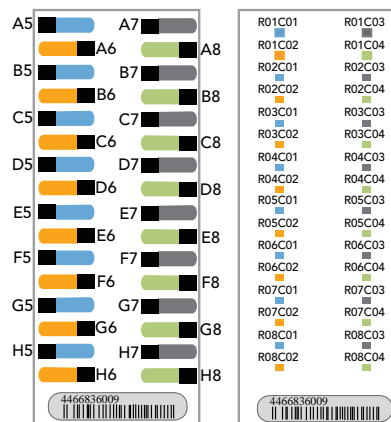


Barcode: \_\_\_\_\_

Scanner ID: \_\_\_\_\_

Image Date: \_\_\_\_\_

BC #2

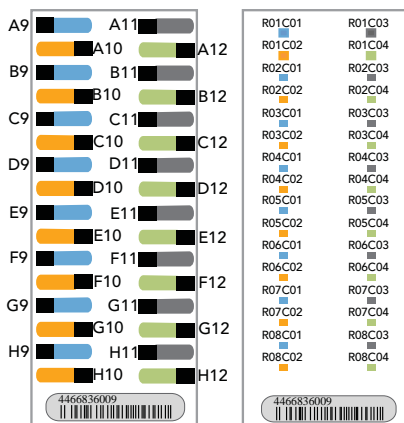


Barcode: \_\_\_\_\_

Scanner ID: \_\_\_\_\_

Image Date: \_\_\_\_\_

BC #3

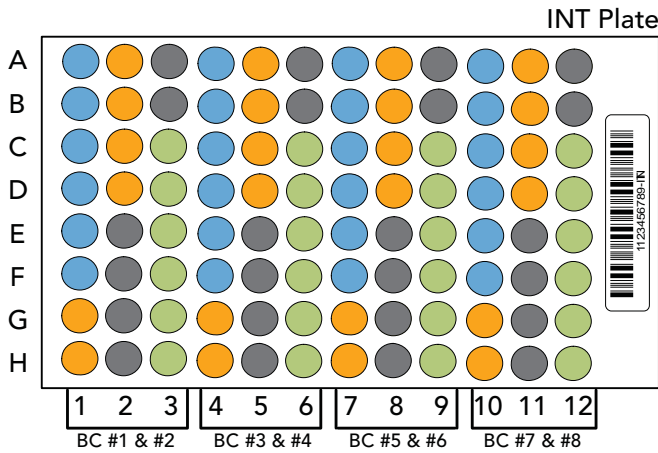


Barcode: \_\_\_\_\_

Scanner ID: \_\_\_\_\_

Image Date: \_\_\_\_\_

Track Universal-12 BeadChips



INT Plate Barcode: \_\_\_\_\_  
 or  
 HYB Plate Barcode: \_\_\_\_\_

**BC #1**

Barcode: \_\_\_\_\_  
 Scanner ID: \_\_\_\_\_  
 Image Date: \_\_\_\_\_

**BC #5**

Barcode: \_\_\_\_\_  
 Scanner ID: \_\_\_\_\_  
 Image Date: \_\_\_\_\_

**BC #2**

Barcode: \_\_\_\_\_  
 Scanner ID: \_\_\_\_\_  
 Image Date: \_\_\_\_\_

**BC #6**

Barcode: \_\_\_\_\_  
 Scanner ID: \_\_\_\_\_  
 Image Date: \_\_\_\_\_

**BC #3**

Barcode: \_\_\_\_\_  
 Scanner ID: \_\_\_\_\_  
 Image Date: \_\_\_\_\_

**BC #7**

Barcode: \_\_\_\_\_  
 Scanner ID: \_\_\_\_\_  
 Image Date: \_\_\_\_\_

**BC #4**

Barcode: \_\_\_\_\_  
 Scanner ID: \_\_\_\_\_  
 Image Date: \_\_\_\_\_

**BC #8**

Barcode: \_\_\_\_\_  
 Scanner ID: \_\_\_\_\_  
 Image Date: \_\_\_\_\_