

TeraGenomics

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Chip Metadata: B6:19-8 medulla

 General Information

Scientist	Wodicka, Lisa		
Project(s)	Publications Mouse Brain and Body Map	Laboratory	Barlow Laboratory
Chip Type	MG_U74Av2	Chip Lot #	3004035
Chip Exp Date	9/6/2004	Sample ID	B6:19-8 medulla
Sample Pooling	Sample is not pooled.	Absolute Analysis Type(s)	Lockhart-Barlow

 Sample Information

Sample Pooled Ratio	1		
Genus, Species, Subspecies/Strain	Mus » musculus » Inbred » Jackson Labs » C57BL/6J		
Sex	Male		
Birth Date	6/25/2003	Sample Collection Date	8/21/2003
Age/Stage	57 Days		
Genotype	WildType		
Trait / Disease	Within Normal Limits		
Treatment / Handling / Exposure			

 RNA Information

Sample RNA Origin	Tissue » Microscopic Dissection » Hand Dissection » HINDBRAIN [HB] » MEDULLA OBLONGATA [MO] » left and right » Y: Anterior-Posterior from (Bregma or Intra-aural) » -5.5 to -8.25		
RNA Extraction Date	9/24/2003	RNA Type	Total RNA
Total RNA Yield	34 µg	RNA Conc. Water	1.7 µg/µl
RNA 260/280 in TE	2.15	Date Labeling Complete	10/2/2003
RNA Amp Method	Barlow Lab Protocol	Amp Rounds	1 Round
Starting RNA Quantity	10 µg	cRNA Yield	95 µg/µl
cRNA Conc. In Hyb	0.06 µg/µl		

 Hybridization Information

Hyb Method	Rotated - 13rpm	Hyb Vol in Chip	Full
Hyb Temp	50° C	Hyb Time	16 hours
Hyb Date	10/16/2003	No. of Times Hybridized	1

 Washes, Stains & Antibodies

Wash Station	Megawasher	Wash 1 (cycle x mix-wash)	5x3 6xSSPE-T
Hi Strin Wash	0.1xMES	Hi Strin Temp	45° C
Hi Strin Time (min)	30 min	Stain 1	SAPE
Stain 1 Temp	37° C	Stain 1 Time (min)	15 min
Wash 2 (cycle x mix-wash)	5x3 6xSSPE-T	Antibody	Yes
Antibody Temp	37° C	Antibody Time (min)	30
Wash 3 (cycle x mix-wash)	5x3 6xSSPE-T	Stain 2	SAPE
Stain 2 Temp	37° C	Stain 2 Time (min)	15 min
Wash 4 (cycle x mix-wash)	5x3 6xSSPE-T		

 Scan Information

Scan Buffer	1xMES	Scanner ID	GeneArray Scanner
Scan Criteria	Pixel Size: 3 microns Detection Wavelength: 570 nm	Number of Scans	1

	Scan Speed: 10 minutes		
Scanned Date	10/17/2003		

Comments

Any .DAT problems with Snow?	None
Any .DAT problems with Scratches?	None
Any .DAT problems with Bubbles?	None
Any .DAT problems with Glue?	None
Any .DAT problems with Bright Spots?	None
Any .DAT problems with Dark Spots?	None
Any other .DAT image problems?	None
Were there problems with the experiment?	None
General Comments	None

Barlow-Lockhart Absolute Chip Summary Information

ProbeSet Count	12488	Filtered PS Count	12422
Background Avg	53.49	Background SD	1.40
Num Outliers	89	Raw Q	1.94
Scaling Factor	1.55	Scaling Target Value	200
Actin (3'/5')	1.44	Gapdh (3'/5')	0.85
Percent P	48.50%	Percent M	6.55%
Percent RP	0.72%		

Associated Media

Barlowlab 1rnd protocol (tissue)	Adobe PDF File (pdf)	View File
Pons-Medulla (PDF)	Adobe PDF File (pdf)	View File