

# TeraGenomics

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## Chip Metadata: 129:3-2 hippocampus

### General Information

Scientist	Hovatta, Iris		
Project(s)	Publications Mouse Brain and Body Map	Laboratory	Salk-Barlow laboratory
Chip Type	MG_U74Av2	Chip Lot #	1004212
Chip Exp Date	1/12/2004	Sample ID	129:3-2 hippocampus
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 » Taconic » 129S6/SvEvTac		
Sex	Male		
Birth Date	Unknown	Sample Collection Date	Unknown
Age/Stage	56 Days		
Genotype	Wild Type		
Trait / Disease	Within Normal Limits		
Treatment / Handling / Exposure			

### RNA Information

Sample RNA Origin	Tissue » Microscopic Dissection » Hand Dissection » BRAIN » FOREBRAIN [FB] » TELENCEPHALON [Tel] » CEREBRAL CORTEX [Cx] » ARCHICORTEX [ACx] » HIPPOCAMPAL FORMATION [HIF] » left and right » Y: Anterior-Posterior from (Bregma or Intra-aural) » -1 to -4 NA		
RNA Extraction Date	2/19/2002	RNA Type	Total RNA
Total RNA Yield	9999 µg	RNA Conc. Water	2.6 µg/µl
RNA 260/280 in TE	2.07	Date Labeling Complete	3/20/2002
RNA Amp Method	Barlow Lab Protocol	Amp Rounds	1 Round
Starting RNA Quantity	10 µg	cRNA Yield	70 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	3/25/2002	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	FGL
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<b>Scan Criteria</b>	Pixel Size: 3 microns Detection Wavelength: 570 nm Scan Speed: 10 minutes	<b>Number of Scans</b>	1
<b>Scanned Date</b>	3/26/2002		

 **Comments**

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

 **Barlow-Lockhart Absolute Chip Summary Information**

<b>ProbeSet Count</b>	12488	<b>Filtered PS Count</b>	12422
<b>Background Avg</b>	94.96	<b>Background SD</b>	6.97
<b>Num Outliers</b>	395	<b>Raw Q</b>	3.21
<b>Scaling Factor</b>	0.78	<b>Scaling Target Value</b>	200
<b>Actin (3'/5')</b>	1.81	<b>Gapdh (3'/5')</b>	0.94
<b>Percent P</b>	47.24%	<b>Percent M</b>	6.51%
<b>Percent RP</b>	0.80%		

 **Associated Media**

<b>Barlowlab 1rnd protocol (tissue)</b>	Adobe PDF File (pdf)	<a href="#">View File</a>
<b>Hippocampus Dissection (PDF)</b>	Adobe PDF File (pdf)	<a href="#">View File</a>