



## Microarray Ordering Guide

### Gene Expression Microarrays

Part Number	Design ID	Arrays Per Slide	Slides Per Kit	Product Name & Description
G4112F	014850	4	5	<b>Whole Human Genome Microarray Kit, 4x44K</b> 41,000+ unique genes and transcripts represented, all with public domain annotations. Content sourced from RefSeq, Goldenpath, Ensembl, Unigene Human Genome (Build 33) and GenBank databases.
G2519F*	014850	4	1	<b>Unrestricted Human Genome Microarray, 4x44K</b> 41,000+ unique genes and transcripts represented, all with public domain annotations. Content sourced from RefSeq, Goldenpath, Ensembl, Unigene Human Genome (Build 33) and GenBank databases.
G4122F	014868	4	5	<b>Whole Mouse Genome Microarray Kit, 4x44K</b> 41,000+ unique genes and transcripts represented, all with public domain annotations. Content sourced from UCSC, RefSeq, RIKEN, NIA, UCSC Goldenpath, Ensembl, Unigene databases.
G2519F*	015062	4	1	<b>Mouse Development Microarray Kit, 4x44K</b> 41,000+ unique genes and transcripts represented. Content sourced from the NIA Mouse Gene (Index 4) database.
G2519F*	014868	4	1	<b>Unrestricted Mouse Genome Microarray, 4x44K</b> 41,000+ unique genes and transcripts represented, all with public domain annotations. Content sourced from UCSC, RefSeq, RIKEN, NIA, UCSC Goldenpath, Ensembl, Unigene databases.
G4131F	014879	4	5	<b>Whole Rat Genome Microarray Kit, 4x44K</b> 41,000+ unique genes and transcripts represented, all with public domain annotations. Content sourced from RefSeq, Goldenpath, Ensembl, Unigene and GenBank databases.
G2519F*	014879	4	1	<b>Unrestricted Rat Genome Microarray, 4x44K</b> 41,000+ unique genes and transcripts represented, all with public domain annotations. Content sourced from RefSeq, Goldenpath, Ensembl, Unigene and GenBank databases.

### Model Organism Gene Expression Microarrays

Part Number	Design ID	Arrays Per Slide	Slides Per Kit	Product Name & Description
G2519F*	021169	4	1	<b>Arabidopsis (V4) Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from TAIR 8 cdna, RefSeq Release 30, Unigene Build 67, TIGR Release 13, TIGR Plant TA Release 2, ATH1.
G2519F*	021623	4	1	<b>Barley Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from RefSeq Release 31, Unigene Build 52, TIGR Plant TA Release 2, TIGR Gene Indices Release 10.
G2519F*	023647	4	1	<b>Bovine (V2) Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from RefSeq Release 34, Unigene Build 93, TIGR Release 12, UCSC mrna, Ensembl Release 4.
G2519F*	022520	4	1	<b>Brassica Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from RefSeq Release 31, Unigene Build 17, TIGR Plant TA Release 5, TIGR Gene Indices Release Release 3.1.

\*Unrestricted microarrays should be ordered with the Part Number and Design ID.



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## Model Organism Gene Expression Microarrays (continued)

Part Number	Design ID	Arrays Per Slide	Slides Per Kit	Product Name & Description
G2519F*	020186	4	1	<b>C. elegans (V2) Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from WormBase Release 188, ENSEMBL Release 49, UniGene Release 37, RefSeq Release 27, TIGR Release 9, UCSC ce4.
G2519F*	021193	4	1	<b>Canine (V2) Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from TIGR Release 7, Unigene Build 23, RefSeq Release 34, Ensemble Release 53, canFam2.
G2519F*	015068	4	1	<b>Chicken Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from TIGR Release 10, miRNA Sanger Release 8.1, UCSC GalGal2, UniGene June 2006.
G2519F*	022523	4	1	<b>Cotton Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from RefSeq Release 31, Unigene Build 9, TIGR Plant TA Release 3, TIGR Gene Indices Release 9.
G2519F*	018972	4	1	<b>Drosophila Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from FlyBase Release 5.4, ENSEMBL Release 48, UniGene Release 54, TIGR Release 11, UCSC dm3 (BDGP Release 5).
G4813A*	020097	8	1	<b>E. coli Gene Expression Microarray, 8x15K</b> Gene Expression Microarray contains 15,208 probes for the following strains: K12-MG1655, O157:H7 EDL933, O157:H7 VT2-Sakai, CFT073. Content sourced from TIGR Comprehensive Microbial Resources.
G4813A*	021322	8	1	<b>Horse Gene Expression Microarray, 8x15K</b> Gene Expression Microarray contains 15,208 probes. Content sourced from RefSeq Release 30, UCSC mRNA, Unigene Build 9, Ensembl Release 50, UCSC equCab1.
G2519F*	015060	4	1	<b>Magnaporthe (V2) Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from MGOS, RefSeq.
G2519F*	016047	4	1	<b>Maize Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from RefSeq, UniGene.
G2519F*	022524	4	1	<b>Medicago Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from RefSeq Release 32, Unigene Build 33, TIGR Plant TA Release 2, TIGR Gene Indices Release 9.
G2519F*	020449	4	1	<b>Mosquito Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from Refseq Release 27, Ensembl Release 49, Unigene Build 10, anoGam1 (MOZ2).
G2519F*	020109	4	1	<b>Porcine Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from UniGene Release 33, RefSeq Release 27, TIGR Release 12.
G2519F*	020908	4	1	<b>Rabbit Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from RefSeq Release 34, Ensembl Release 49, Unigene Build 17, TIGR Release 1.
G2519F*	015421	4	1	<b>Rhesus Macaque Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from RefSeq Release 33, GenBank, UniGene Build 13, UCSC, rheMac2.
G2519F*	015241	4	1	<b>Rice Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes for <i>Oryza sativa</i> . Content sourced from National Institute of Agrobiological Sciences, RefSeq, GenBank 2007, RAP-DB.
G2519F*	020938	4	1	<b>Salmon Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from RefSeq Release 29, Unigene Build 20, TIGR Release 14.0.
G4813A*	019921	8	1	<b>Sheep Gene Expression Microarray, 8x15K</b> Gene Expression Microarray contains 15,208 probes. Content sourced from UniGene Release 27, RefSeq Build 16.
G2519F*	021113	4	1	<b>Tobacco Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from TIGR Release 3, Unigene Build 11, TIGR PlantTA Release 5.
G2519F*	022270	4	1	<b>Tomato Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from RefSeq Release 31, Unigene Release 33, TIGR Plant TA release 5, TIGR Gene Indices Release 12.
G2519F*	022297	4	1	<b>Wheat Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from RefSeq Release 31, Unigene Release 53, TIGR Release 11, TIGR TA Release 5.

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## Model Organism Gene Expression Microarrays (continued)

Part Number	Design ID	Arrays Per Slide	Slides Per Kit	Product Name & Description
G2519F*	023448	4	1	<b>Xenopus (V2) Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from RefSeq Release 34, Unigene Build 86, TIGR Release 10.1.
G4413A*	016322	8	1	<b>Yeast (V2) Gene Expression Microarray, 8x15K</b> Gene Expression Microarray contains 15,208 probes for <i>Saccharomyces cerevisiae</i> (S288C strain). Content sourced from SGD May 2009, TIGR Release 4, Unigene Release 33, sacCer1.
G2519F*	019161	4	1	<b>Zebrafish (V2) Gene Expression Microarray, 4x44K</b> Gene Expression Microarray contains 43,803 probes. Content sourced from TIGR Release 17, UCSC (danRer5) Zv7, ENSEMBL Release 48, Unigene Release 54, RefSeq.

## Custom Gene Expression Microarrays

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Part Number	Arrays Per Slide	Slides Per Kit	Product Name & Description
G4502A	1	1	<b>Custom Gene Expression, 1x244K</b>
G4503A	2	1	<b>Custom Gene Expression, 2x105K</b>
G2514F	4	1	<b>Custom Gene Expression, 4x44K</b>
G2509F	8	1	<b>Custom Gene Expression, 8x15K</b>

## miRNA Microarrays

Complete content for catalog miRNA microarrays were sourced from Sanger Databases as noted. All catalog miRNA microarrays feature a coupled probe design and labeling for optimal sensitivity and specificity.

Part Number	Design ID	Arrays Per Slide	Slides Per Kit	Product Name & Description
G4470A	016436	8	3	<b>Human miRNA Microarray V1</b> 470 human and 64 human viral miRNA represented. Complete content sourced from Sanger database 9.1.
G4471A*	016436	8	1	<b>Unrestricted Human miRNA Microarray V1</b> 470 human and 64 human viral miRNA represented. Complete content sourced from Sanger database 9.1.
G4470B	019118	8	3	<b>Human miRNA Microarray V2</b> 723 human and 76 human viral miRNA represented. Complete content sourced from Sanger database 10.1. Coupled probe design and labeling for optimal sensitivity and specificity.
G4471A*	019118	8	1	<b>Unrestricted Human miRNA Microarray V2</b> 723 human and 76 human viral miRNA represented. Complete content sourced from Sanger database 10.1.
G4471A*	021827	8	1	<b>Unrestricted Human miRNA Microarray Release 12.0</b> 866 human and 89 human viral miRNA represented. Complete content sourced from Sanger database 12.0.
G4472A	021828	8	3	<b>Mouse miRNA Microarray V1</b> 567 mouse and 10 mouse viral miRNA represented. Complete content sourced from Sanger database 10.1.
G4471A*	019119	8	1	<b>Unrestricted Mouse miRNA Microarray V1</b> 567 mouse and 10 mouse viral miRNA represented. Complete content sourced from Sanger database 10.1.
G4471A*	019119	8	1	<b>Unrestricted Mouse miRNA Microarray Release 12.0</b> 627 mouse and 39 mouse viral miRNA represented. Complete content sourced from Sanger database 12.0.
G4473A	019159	8	3	<b>Rat miRNA Microarray V1</b> 351 rat miRNA represented. Complete content sourced from Sanger database 10.1.
G4471A*	019159	8	1	<b>Unrestricted Rat miRNA Microarray V1</b> 351 rat miRNA represented. Complete content sourced from Sanger database 10.1.

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Part Number	Arrays Per Slide	Slides Per Kit	Product Name & Description
G4474A	8	1	<b>Custom miRNA, 8x15K</b>

## Comparative Genomic Hybridization (CGH) Microarrays

Part Number	Design ID	Arrays Per Slide	Slides Per Kit	Product Name & Description
G4447A	021529	1	5	<b>SurePrint G3 Human Catalog CGH 1x1M</b> 963,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 2.1 kb overall median probe spatial resolution.
G4824A*	021529	1	1	<b>Unrestricted SurePrint G3 CGH Microarray, 1x1M, Human (same design as G4447A)</b> 963,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 2.1 kb overall median probe spatial resolution.
G4448A	021850	2	5	<b>SurePrint G3 Human Catalog CGH 2x400K</b> 411,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 5.3 kb overall median probe spatial resolution.
G4825A*	021850	2	1	<b>Unrestricted SurePrint G3 CGH Microarray, 2x400K, Human (same design as G4448A)</b> 411,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 5.3 kb overall median probe spatial resolution.
G4449A	022060	4	3	<b>SurePrint G3 Human Catalog CGH 4x180K</b> 170,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 13 kb overall median probe spatial resolution.
G4826A*	022060	4	1	<b>Unrestricted SurePrint G3 CGH Microarray, 4x180K, Human (same design as G4449A)</b> 170,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 13 kb overall median probe spatial resolution.
G4450A	021924	8	3	<b>SurePrint G3 Human Catalog CGH 8x60K</b> 55,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 41.4 kb overall median probe spatial resolution.
G4827A*	021924	8	1	<b>Unrestricted SurePrint G3 CGH Microarray, 8x60K, Human (same design as G4450A)</b> 55,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 41.4 kb overall median probe spatial resolution.
G4411B	014693	1	5	<b>Human Genome CGH Microarray Kit 244A</b> 236,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 8.9 kb overall median probe spatial resolution (7.4 kb median probe spacing in Refseq genes).
G4423B*	014693	1	1	<b>Unrestricted HD-CGH Microarray, 1x244K, Human (same design as G4411B)</b> 236,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 8.9 kb overall median probe spatial resolution (7.4 kb median probe spacing in Refseq genes).
G4423B*	016266	1	1	<b>Unrestricted HD-CGH Microarray, 1x244K, Human 244A supplemental</b> 236,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 9 kb overall median probe spatial resolution (7.4 kb median probe spacing in Refseq genes). Complements the Human Genome CGH Microarray 244A array by providing interleaved coverage across entire genome.
G4412A	014698	2	5	<b>Human Genome CGH Microarray Kit 105A</b> 99,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 21.7 kb overall median probe spatial resolution (18.9 kb median probe spacing in Refseq genes)
G4425B*	014698	2	1	<b>Unrestricted HD-CGH Microarray, 2x105K, Human (same design as G4412A)</b> 99,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 21.7 kb overall median probe spatial resolution (18.9 kb median probe spacing in Refseq genes).
G4413A	014950	4	3	<b>Human Genome CGH Microarray Kit 4x44K</b> 43,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 43 kb overall median probe spatial resolution (24.2 kb median probe spacing in Refseq genes).
G4426B*	014950	4	1	<b>Unrestricted HD-CGH Microarray, 4x44K, Human (same design as G4413A)</b> 43,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 43 kb overall median probe spatial resolution (24.2 kb median probe spacing in Refseq genes)
G4415A	014695	1	5	<b>Mouse Genome CGH Microarray Kit 244A</b> 235,000+ coding and non-coding mouse sequences represented. Probes annotated against NCBI Build 36 (UCSC mm8, February 2006). 7.8 kb overall median probe spatial resolution (6.2 kb median probe spacing in Refseq genes).
G4423B*	014695	1	1	<b>Unrestricted HD-CGH Microarray, 1x244K, Mouse (same design as G4415A)</b> 235,000+ coding and non-coding mouse sequences represented. Probes annotated against NCBI Build 36 (UCSC mm8, February 2006). 7.8 kb overall median probe spatial resolution (6.2 kb median probe spacing in Refseq genes).

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## Comparative Genomic Hybridization (CGH) Microarrays (continued)

Part Number	Design ID	Arrays Per Slide	Slides Per Kit	Product Name & Description
G4416A	014699	2	5	<b>Mouse Genome CGH Microarray Kit 105A</b> 98,000+ coding and non-coding mouse sequences represented. Probes annotated against NCBI Build 36 (UCSC mm8, February 2006). 19.3 kb overall median probe spatial resolution (15.7 kb median probe spacing in Refseq genes).
G4425B*	014699	2	1	<b>Unrestricted HD-CGH Microarray, 2x105K, Mouse (same design as G4416A)</b> 98,000+ coding and non-coding mouse sequences represented. Probes annotated against NCBI Build 36 (UCSC mm8, February 2006). 19.3 kb overall median probe spatial resolution (15.7 kb median probe spacing in Refseq genes).
G4426B*	015028	4	1	<b>Unrestricted HD-CGH Microarray, Mouse 4x44K</b> 43,000+ coding and non-coding human sequences represented. Probes annotated against NCBI Build 36 (UCSC mm8, February 2006). 22.3 kb overall median probe spatial resolution (13.1 kb median probe spacing in Refseq genes).
G4435A	015223	1	5	<b>Rat Genome CGH Microarray Kit 244A</b> 235,000+ coding and non-coding mouse sequences represented. Probes annotated against Baylor HGSC Build 3.4 (UCSC rn4, November 2004). 7.9 kb overall median probe spatial resolution (4.7 kb median probe spacing in Refseq genes).
G4423B*	015223	1	1	<b>Unrestricted HD-CGH Microarray, 1x244K, Rat (same design as G4435A)</b> 235,000+ coding and non-coding mouse sequences represented. Probes annotated against Baylor HGSC Build 3.4 (UCSC rn4, November 2004). 9 kb overall median probe spatial resolution (4.7 kb median probe spacing in Refseq genes).
G4436A	015235	2	5	<b>Rat Genome CGH Microarray Kit 105A</b> 97,000+ coding and non-coding mouse sequences represented. Probes annotated against Baylor HGSC Build 3.4 (UCSC rn4, November 2004). 19.1 kb overall median probe spatial resolution (11.3 kb median probe spacing in Refseq genes).
G4425B*	015235	2	1	<b>Unrestricted HD-CGH Microarray, 2x105K, Rat (same design as G4436A)</b> 97,000+ coding and non-coding mouse sequences represented. Probes annotated against Baylor HGSC Build 3.4 (UCSC rn4, November 2004). 19.1 kb overall median probe spatial resolution (11.3 kb median probe spacing in Refseq genes).
G4423B*	019553	1	1	<b>Unrestricted HD-CGH Microarray, 1x244K, Chicken</b> 235,000+ coding and noncoding chicken sequences represented. Probes annotated against build UCSC galGal3 (WASTL v2.1, May 2006). 4 kb overall median probe spatial resolution.

## Copy Number Variation (CNV) Microarrays

Part Number	Design ID	Arrays Per Slide	Slides Per Kit	Product Name & Description
G4506A	023642	1	5	<b>SurePrint G3 Human High-Resolution Discovery Microarray, 1x1M</b> 963,000+ human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2008). 2.6 kb overall median probe spatial resolution. 3 kb average probe spatial resolution.
G4824A*	023642	1	1	<b>Unrestricted SurePrint G3 CGH Microarray, 1x1M, Human (same design as G4506A)</b> 963,000+ human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2008). 2.6 kb overall median probe spatial resolution. 3 kb average probe spatial resolution.
G4507A	021365	2	5	<b>SurePrint G3 Human Catalog CNV 2x400K</b> 412,000+ human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 1 kb overall median probe spatial resolution in CNVs.
G4825A*	021365	2	1	<b>Unrestricted SurePrint Human G3 CGH Microarray, 2x400K, Human (same design as G4507A)</b> 412,000+ human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 1 kb overall median probe spatial resolution in CNVs.
G4423B*	018897	1	1	<b>Unrestricted Human Genome CNV Microarray, 1x244K (1 of 2)</b> 236,000+ human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 1 kb overall median probe spatial resolution in CNVs.
G4423B*	018898	1	1	<b>Unrestricted Human Genome CNV Microarray, 1x244K (2 of 2)</b> 236,000+ human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 1 kb overall median probe spatial resolution in CNVs.
G4417A	022837	2	5	<b>Human CNV Association Microarray, 2x105K</b> 99,000+ human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 232 bp overall median probe spatial resolution. 244 bp overall median probe spatial resolution in CNVs.
G4425B*	022837	2	1	<b>Unrestricted HD-CGH Microarray, 2x105K, Human (same design as G4417A)</b> 99,000+ human sequences represented. Probes annotated against NCBI Build 36 (UCSC hg18, March 2006). 232 bp overall median probe spatial resolution. 244 bp overall median probe spatial resolution in CNVs.

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Part Number	Arrays Per Slide	Slides Per Kit	Product Name & Description
G4123A	1	1	<b>SurePrint G3 Custom CGH, 1x1M</b>
G4124A	2	1	<b>SurePrint G3 Custom CGH, 2x400K</b>
G4125A	4	1	<b>SurePrint G3 Custom CGH, 4x180K</b>
G4126A	8	1	<b>SurePrint G3 Custom CGH, 8x60K</b>
G4423A	1	1	<b>Custom HD-CGH Microarray, 1x244K</b>
G4425A	2	1	<b>Custom HD-CGH Microarray, 2x105K</b>
G4426A	4	1	<b>Custom HD-CGH Microarray, 4x44K</b>
G4427A	8	1	<b>Custom HD-CGH Microarray, 8x15K</b>

## DNA Methylation Microarrays

Part Number	Design ID	Arrays Per Slide	Slides Per Kit	Product Name & Description
G4492A	014791	1	5	<b>DNA Methylation Human CpG Island, 1x244K</b> 27,800 CpG islands covering 21 Mb, ~200,000 probes in/within 95 bp of CpG islands. Enriched content sourced from UCSC hg18, NCBI build 36.1 (March 2006).
G4811A	015279	2	1	<b>DNA Methylation Mouse CpG Island, 2x105K</b> 16,030 CpG Islands, 97,652 probes in/within 95 bp of CpG islands. Enriched content sourced from UCSC mm8, NCBI build 36 (February 2006).

## ChIP-on-Chip Microarrays

Part Number	Design ID	Arrays Per Slide	Slides Per Kit	Product Name & Description
G4489A	014706 & 014707	1	10	<b>Human Promoter Set, 2-design, 1x244K (2 slide set)</b> Two slides cover ~17,000 of the best defined human transcripts represented as defined by RefSeq. Enriched content sourced from UCSC hg18, NCBI build 36.1 (March 2006), -5.5 kb upstream to +2.5 kb downstream of the transcriptional start sites.
G4495A*	014706	1	1	<b>Unrestricted Human Promoter Set, slide 1 of 2, 1x244K</b> Two slides cover ~17,000 of the best defined human transcripts represented as defined by RefSeq. Enriched content sourced from UCSC hg18, NCBI build 36.1 (March 2006), -5.5 kb upstream to +2.5 kb downstream of the transcriptional start sites.
G4495A*	014707	1	1	<b>Unrestricted Human Promoter Set, slide 2 of 2, 1x244K</b> Two slides cover ~17,000 of the best defined human transcripts represented as defined by RefSeq. Enriched content sourced from UCSC hg18, NCBI build 36.1 (March 2006), -5.5 kb upstream to +2.5 kb downstream of the transcriptional start sites.
G4492A	014791	1	5	<b>Human CpG Island Microarray</b>
G4495A*	014791	1	1	<b>Unrestricted Human CpG Island Microarray</b>
G4495A*	014792	1	1	<b>Unrestricted Human ENCODE Microarray</b> Specific ENCODE regions of chromosomes 1-22, ~153,000 probes.
G4490A	014716 & 014717	1	10	<b>Mouse Promoter Set, 2-design, 1x244K (2 slide set)</b> Two slides cover ~17,000 of the best defined mouse transcripts represented as defined by RefSeq. Enriched content sourced from UCSC mm8, UCSC February 2006, -5.5 kb upstream to +2.5 kb downstream of the transcriptional start sites.
G4495A*	014716	1	1	<b>Unrestricted Mouse Promoter, slide 1 of 2, 1x244K</b> ~17,000 of the best defined mouse transcripts represented as defined by RefSeq. Enriched content sourced from UCSC mm8, UCSC February 2006, -5.5 kb upstream to +2.5 kb downstream of the transcriptional start sites.
G4495A*	014717	1	1	<b>Unrestricted Mouse Promoter, slide 2 of 2, 1x244K</b> ~17,000 of the best defined mouse transcripts represented as defined by RefSeq. Enriched content sourced from UCSC mm8, UCSC February 2006, -5.5 kb upstream to +2.5 kb downstream of the transcriptional start sites.
G4495A*	014798 & 014799	1	2	<b>Arabidopsis Microarray, 2-design, 1x244K</b> Arabidopsis whole genome on 2-array set with 212 nt average tiling density, content sourced from UCSC ath1.

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## ChIP-on-Chip Microarrays (continued)

Part Number	Design ID	Arrays Per Slide	Slides Per Kit	Product Name & Description
G4495A*	014793 & 014794	1	2	<b>C. elegans Microarray, 2-design, 1x244K</b> Two slides cover complete <i>C. elegans</i> genome with 182 nt average spacing, content sourced from UCSC ce2.
G4495A*	014816 & 014817	1	2	<b>Drosophila Microarray, 2-design, 1x244K</b> Two slides cover Drosophila genome with 233 nt average spacing. Enriched content sourced from UCSC dm2.
G4491A	14741	1	5	<b>Yeast Whole Genome Set, 1x244K</b> Probes for ~12 Mb of the <i>S. cerevisiae</i> genome-spaced at 50 nt on average, content sourced from sacCer1.
G4495A*	14741	1	1	<b>Unrestricted Yeast Whole Genome Set, 1x244K</b> Probes for ~12 Mb of the <i>S. cerevisiae</i> genome-spaced at 50 nt on average, content sourced from sacCer1.
G4493A	14810	4	5	<b>Yeast Whole Genome Set, 4x44K</b> Probes for ~12 Mb of the <i>S. cerevisiae</i> genome-spaced at 290 nt on average, content sourced from sacCer1.
G4810A*	14810	4	1	<b>Unrestricted Yeast Whole Genome Set, 4x44K</b> Probes for ~12 Mb of the <i>S. cerevisiae</i> genome-spaced at 290 nt on average, content sourced from sacCer1.
G4810A*	015424	1	1	<b>Unrestricted <i>S. pombe</i> Microarray, 1x244K</b> Array contains 42,707 probes against chrI-III and chrM. The median spacing between probes is 265 bp.
G4495A*	021203 & 021204	1	2	<b>Zebrafish Promoter Microarray, 2-design, 1x244K</b> Probes cover -9 kb to +3 kb from the tss and represent 11,000 transcripts, content sourced from UCSC dr4.

\*Unrestricted microarrays should be ordered with the Part Number and Design ID.

## Custom ChIP-on-Chip/DNA Methylation Microarrays

Try eArray, our free online application tool to help you easily design your own custom microarrays. For more information, go to [www.opengnomics.com/earray](http://www.opengnomics.com/earray).

Part Number	Arrays Per Slide	Slides Per Kit	Product Name & Description
G4496A	1	1	<b>Custom ChIP-on-Chip, 1x244K</b>
G4498A	2	1	<b>Custom ChIP-on-Chip, 2x105K</b>
G4497A	4	1	<b>Custom ChIP-on-Chip, 4x44K</b>
G4499A	8	1	<b>Custom ChIP-on-Chip, 8x15K</b>



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