

			3' IVT Express Kit		Non-Affymetrix Labeling Kit	
Cartridge Array	Features	Format	HWS Kit	User Prep'd Buffers	HWS Kit	User Prep'd Buffers
Almac Xcel	11	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
Arabidopsis ATH1	18	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
B. subtilis Genome	28	49	-	-	FS450_0004	EukGE-WS2v4_450
Barley	18	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
Bovine	11	100	FS450_0002	Midi_euk2v3_450	FS450_0002	Midi_euk2v3_450
C. elegans	18	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
Canine Genome 2.0	11	64	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
Chicken	11	64	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
Citrus	11	64	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
Cotton	11	100	FS450_0002	Midi_euk2v3_450	FS450_0002	Midi_euk2v3_450
Drosophila	20	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
Drosophila 2.0	11	100	FS450_0002	Midi_euk2v3_450	FS450_0002	Midi_euk2v3_450
E.coli (anti-sense)	24	49	-	-	FS450_0005	ProkGE-WS2v3_450
E.coli 2.0	11	169	-	-	FS450_0006	Mini_prok2v1_450
HG U133 Plus 2.0	11	49	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
HG U133 Set (A & B)	18	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
HG U133A 2.0	11	100	FS450_0002	Midi_euk2v3_450	FS450_0002	Midi_euk2v3_450
HG-Focus	18	100	FS450_0002	Midi_euk2v3_450	FS450_0002	Midi_euk2v3_450
HG-U95 Set (A - E)	20	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
HuGenFL	24	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
Human Cancer G110	24	100	FS450_0002	Midi_euk2v3_450	FS450_0002	Midi_euk2v3_450
Human Primeview	11	100	FS450_0002	Midi_euk2v3_450	FS450_0002	Midi_euk2v3_450
Human X3P	11	49	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
Maize	11	100	FS450_0002	Midi_euk2v3_450	FS450_0002	Midi_euk2v3_450
Medicago	11	49	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
MG-U74 Set (A - C)	20	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
MOE 430 2.0	11	49	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
MOE 430A 2.0	11	100	FS450_0002	Midi_euk2v3_450	FS450_0002	Midi_euk2v3_450
MOE430 Set (A & B)	18	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
Murine 11K Set	24	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
P. aeruginosa	20	100	-	-	Flex FS450_0002	FlexMidi_euk2v3_450
Plasmodium/Anopheles	18	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
Poplar	11	49	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
Porcine	11	100	FS450_0002	Midi_euk2v3_450	FS450_0002	Midi_euk2v3_450
RAE 230 2.0	11	64	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
RAE230 Set (A & B)	18	64	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
Rat ToxFX 1.0	11	400	FS450_0003	Micro_1v1_450	FS450_0003	Micro_1v1_450
RG-U34 Set	24	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
Rhesus	11	49	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
Rice	11	49	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
RN-U34	24	169	FS450_0003	Mini_euk2v3_450	FS450_0003	Mini_euk2v3_450
RT-U34	24	169	FS450_0003	Mini_euk2v3_450	FS450_0003	Mini_euk2v3_450
S. aureus Genome	18	64	-	-	FS450_0005	ProkGE_WS2v3
Soybean	11	49	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
Sugar Cane	11	169	FS450_0003	Mini_euk2v3_450	FS450_0003	Mini_euk2v3_450
Test3	20	400	FS450_0003	Micro_1v1_450	FS450_0003	Micro_1v1_450
Tomato	11	169	FS450_0003	Mini_euk2v3_450	FS450_0003	Mini_euk2v3_450
V. vinifera	11	100	FS450_0002	Midi_euk2v3_450	FS450_0002	Midi_euk2v3_450
Wheat	11	49	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
X. laevis 2.0 Genome	11	64	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
X. laevis Genome	18	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
X. tropicalis Genome	11	49	FS450_0001	EukGEWS2v5_450	FS450_0004	EukGEWS2v4_450
Yeast Genome 2.0	11	169	FS450_0003	Mini_euk2v3_450	FS450_0003	Mini_euk2v3_450
Yeast Genome S98	24	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450
Zebrafish Genome	18	49	FS450_0004	EukGEWS2v4_450	FS450_0004	EukGEWS2v4_450

Whole Transcript Arrays			
Cartridge Array	Features	Format	Fluidics Script
Human Transcriptome 2.0	5	49	FS450_0001
Human Exon 1.0 ST	5	49	FS450_0001
Mouse Exon 1.0 ST	5	49	FS450_0001
Rat Exon 1.0 ST	5	49	FS450_0001
Human Gene 1.0 ST	5	169	FS450_0007
Mouse Gene 1.0 ST	5	169	FS450_0007
Rat Gene 1.0 ST	5	169	FS450_0007
Human Gene 2.0 ST	5	100	FS450_0002
Mouse Gene 2.0 ST	5	100	FS450_0002
Rat Gene 2.0 ST	5	100	FS450_0002
CHO Gene 2.0 ST	5	100	FS450_0002
Arabidopsis Gene 1.0 ST	5	81/4 (100)	FS450_0002
Bovine Gene 1.0 ST	5	81/4 (100)	FS450_0002
C. elegans Gene 1.0 ST	5	81/4 (100)	FS450_0002
Canine Gene 1.0 ST	5	81/4 (100)	FS450_0002
Chicken Gene 1.0 ST	5	81/4 (100)	FS450_0002
Cynomolgus + Rhesus Gene 1.0 ST	5	81/4 (100)	FS450_0002
Cynomolgus Gene 1.0 ST	5	81/4 (100)	FS450_0002
Drosophila Gene 1.0 ST	5	81/4 (100)	FS450_0002
Equine Gene 1.0 ST	5	81/4 (100)	FS450_0002
Feline Gene 1.0 ST	5	81/4 (100)	FS450_0002
Marmoset Gene 1.0 ST	5	81/4 (100)	FS450_0002
Medicago Gene 1.0 ST	5	81/4 (100)	FS450_0002
Ovine Gene 1.0 ST	5	81/4 (100)	FS450_0002
Porcine Gene 1.0 ST	5	81/4 (100)	FS450_0002
Rhesus Gene 1.0 ST	5	81/4 (100)	FS450_0002
Rice (Cn) Gene 1.0 ST	5	81/4 (100)	FS450_0002
Rice (Jp) Gene 1.0 ST	5	81/4 (100)	FS450_0002
Rice (US) Gene 1.0 ST	5	81/4 (100)	FS450_0002
Soybean Gene 1.0 ST	5	81/4 (100)	FS450_0002
Zebra Finch Gene 1.0 ST	5	81/4 (100)	FS450_0002
Zebrafish Gene 1.0 ST	5	81/4 (100)	FS450_0002

miRNA Arrays			
Cartridge Array	Feature size	Format	Fluidics Script
miRNA	11	400	FS450_0003
miRNA 2.0	11	169	FS450_0003
miRNA 3.0	11	100	FS450_0002

Tiling Arrays			
Cartridge Array	Features	Format	Fluidics Script
Arabidopsis Tiling 1.0R	5	49	FS450_0001
C. elegans Tiling 1.0	5	49	FS450_0001
Chromosome 21/22 1.0 Set	14	49	FS450_0001
Chromosome 22/22 2.0R	5	64	FS450_0001
Drosophila Tiling 1.0R	5	49	FS450_0001
Drosophila Tiling 2.0R	5	49	FS450_0001
ENCODE01 1.0	10	49	FS450_0001
ENCODE 2.0R	5	64	FS450_0001
Human Promoter 1.0R	5	64	FS450_0001
Human Tiling 1.0R Set	5	49	FS450_0001
Human Tiling 2.0R Set	5	49	FS450_0001
Mouse Promoter 1.0R	5	49	FS450_0001
Mouse Tiling 1.1R Set	5	49	FS450_0001
Mouse Tiling 2.0R Set	5	49	FS450_0001
S. cerevisiae Tiling 1.0	5	49	FS450_0001
S. pombe Tiling 1.0	5	100	FS450_0002

Mapping and Cytogenetics Arrays			
Cartridge Array	Features	Format	Fluidics Script
Canine SNP	5	100	Mapping500Kv1_450
Cytogenetics 2.7M	4	100	Cytogenetics_Array_450
Cytoscan 750K	5	64	CytoScan750K_Array_450
Cytoscan HD	5	49	CytoScanHD_Array_450
DMET Plus	5	169	DMET_Plus_169_v2
Mapping 10K	18	49	Mapping10Kv1_450
Mapping 10K Array 2.0	8	169	Mini_Mapping10Kv1_450
Mapping 250 K Nsp	5	49	Mapping500K1v2_450
Mapping 250 K Sty	5	49	Mapping500K1v2_450
Mapping 50K Hind	8	49	Mapping100Kv1_450
Mapping 50k Xba	8	49	Mapping100Kv1_450
Mitochondrial Resequencing 2.0	8	169	Mini_DNAARRAY_WS5_450
Mouse Diversity Genotyping	5	49	GenomeWideSNP6_450
SARS Resequencing	-	49	DNAARRAY_WS4_450
SNP Array 5.0	5	64	GenomeWideSNP5v1_450
SNP array 6.0	5	49	GenomeWideSNP6_450

Fluidics Scripts are protocols, or methods, used by GeneChip® Fluidics Stations for the washing and staining of GeneChip® arrays. The scripts are specific for various applications, array formats, reagents used, and models of the Fluidics Station.

Column header 'Features' refers to the feature size on the array, in microns.

User Prep'd Buffers refers to Hyb, Wash, Stain protocols not using a GeneChip HWS Kit