

## Supplemental Online Materials

### Empirical Analysis of Transcriptional Activity in the *Arabidopsis* Genome

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Materials and Methods

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### Materials and Methods

#### a. Plant material

*Arabidopsis thaliana* (ecotype Columbia) seeds were surface sterilized in 5% sodium hypochlorite and 0.15% Tween 20 for 8 min, rinsed in distilled water, and placed onto sterilized filter paper disks on top of 0.8% agar-containing Petri dishes. The plates contained 0.5X Murashige-Skoog salts (Life Technologies, Inc.), 0.5 mM MES, pH5.7, 1% sucrose, and 1X vitamin B5. The seeds were cold-treated at 4 °C for 2 days and then incubated in the dark (etiolated; L-) or in the light (light grown; L+) for 7 days at 25 °C. Cold-treated seedlings were obtained by incubating 7-day old light grown seedlings (L+) for 24 hours at 4 °C. Flower buds were collected from mature *Arabidopsis* plants (4-6 weeks old) which were grown as described in the *Arabidopsis* Biological Resources Center manual (ABRC; <http://www.biosci.ohio-state.edu/~plantbio/Facilities/abrc/abrchome.htm>). *Arabidopsis* suspension-culture cells were derived from hypocotyls of etiolated seedlings (1). They were a generous gift from Dr. Jonathan Jones (Sainsbury Laboratory, Norwich, UK). The culture was maintained at 24 °C in the dark with constant shaking and was subcultured every week. The growth medium contained Murashige-Skoog basal salts, Gamborg's B5 vitamins (Life Technologies, Inc.), 3% sucrose, and 1 mg/L 2,4-dichlorophenoxyacetic acid (2,4-D). The cells were harvested two-days after subculture. Root

tissue was obtained by incubating surface-sterilized seeds in flasks (5-10 seeds per flask) containing 100 ml Gamborg's B-5 medium (Life Technologies, Inc.). The seedlings were incubated for 3-4 weeks with constant agitation (125-150 rpm) under constant light, and root tissue was collected and immediately ground in liquid N<sub>2</sub> for total RNA isolation.

*b. Molecular biological techniques*

*(i) RNA isolation*

Total RNA was isolated from various plant tissues using the Qiagen RNeasy kit (Valencia, CA) or with the TRIzol reagent procedure (Invitrogen, Carlsbad, CA). When TRIzol reagent was used for RNA isolation, the Qiagen RNeasy kit was used for further clean up according to the manufacturer's instructions. When necessary, poly(A)<sup>+</sup> RNA was purified by oligo(dT) cellulose (Qiagen, Valencia, CA) according to the manufacturer's instructions. The quality and quantity of RNA isolated was checked by both gel electrophoresis and spectrophotometry.

*(ii) Clone terminology*

During this work, the following terminology was used for the various open-reading frame (ORF) cDNA clones constructed and sequenced.

U Clone: A pUNI clone that contains the ORF of a RIKEN *Arabidopsis* Full-Length (RAFL) cDNA clone. It was generated by PCR and is error-free.

C Clone: A pUNI clone that contains an ORF of a transcription unit detected by the hybridization of RNA to the genome tiling\_chips (C). It was obtained by RT-PCR and is error-free.

*(iii) Sequencing and Annotation of RAFL, U and C Clones*

A primer-walking approach was chosen for sequencing the RAFL clones using BigDye Terminator chemistry V2.0 and V3.0 (Applied Biosystems, Foster city, CA). Since the entire genome sequence of *Arabidopsis* is available, we chose to use the predicted genome annotation as a guide to call primers to cover an entire clone. The algorithm developed for this process picks primers to give equally spaced high-quality sequences from reads along both strands of each clone. This approach allows an entire sequence of a clone to be determined at once. The U clones were sequenced using the same oligos used for the RAFL clones. In order to find an error-free ORF, we determined the sequences of four cDNA clones for each unique U clone. The C clones were also sequenced with the same strategy as the RAFL clones. Four cDNA clones for each C clone were also sequenced in order to identify an error-free ORF.

The Phred/Phrap/Consed (2-4) suite of programs was used to assemble sequence reads and perform “finishing” of the assembled sequences. cDNA clones were mapped on the genome using the methodology described below (section c). The experimentally-determined sequence of each clone was compared to the genomic sequence to check for insertions, deletions, frameshifts, splicing errors, upstream start codons, and downstream stop codons. The ORF of each full-length cDNA clone was selected by choosing the longest ORF among all of the three possible reading frames in the derived DNA sequence. Using the predicted protein as a query sequence, cDNA clone annotation was verified by searching each sequence against a database of the annotated *Arabidopsis* proteins, Ceres, and community-sequenced full-length cDNAs (CFL) using BLAST (5).

Analysis of 13,481 fully-sequenced non-unique RAFL clones (99% of the total clones sequenced) representing 11,600 unique genes (Fig. S2) revealed that 70% of the clones were indeed fl-cDNAs (Fig. S21B). The remaining 30% of cDNAs were associated with various problems, such as point mutations and 5' or 3' partial deletions, compared with the genome

sequence (Fig. S21C). The RAFLs designated as “problem-associated” may be due to alternative splicing (partial/unprocessed), RNA editing, sequence errors and mutations introduced during the experimental process (uncategorized and mismatched classes of clones in Fig. S21C). The finding that numerous problems were identified in the RAFLs necessitates the use of alternative experimental approaches to obtain fl-cDNAs for genes with defective ORFs and for identification cDNAs corresponding to the “untouched” genes.

Annotation of RAFL clones was carried out using the *Arabidopsis* genome annotation version 3.0 (September 2002) of Genbank ([ftp://ftp.ncbi.nih.gov/genomes/A\\_thaliana](ftp://ftp.ncbi.nih.gov/genomes/A_thaliana)). The RAFL cDNA clones are available from the RIKEN Bioresource Center (<http://www.brc.riken.go.jp/lab/epd/Eng/index.html>). The DNA sequences of the U and C clones have been deposited in GenBank and their accession numbers are available at: <http://signal.salk.edu>. The clones are also publicly available through the *Arabidopsis* Biological Resource Center (<http://www.biosci.ohio-state.edu/~plantbio/Facilities/abrc/abrchome.htm>).

#### *(iv) Construction of ORF Clones*

Full-length ORF clones were constructed using two different approaches:

(1) PCR amplification of ORF of sequenced RAFL clones that were annotated as full-length cDNAs. These clones are named U (pUNI). The RAFL ORFs were amplified by PCR using gene specific primers, and 2.5 U of Pfu Turbo DNA polymerase (Stratagene, La Jolla, CA). The PCR reaction conditions were: denaturation at 95 °C for 2 min, 10 cycles of 30 sec at 95 °C, 1 min at 56 °C and 6 min at 68 °C followed by final elongation at 68°C for 7 min. The amplified ORF DNAs were purified using the Qiagen PCR product purification kit (Valencia, CA).

(2) RT-PCR. These cDNA clones are named C (chip). First-strand cDNA was synthesized using 5 µg poly(A)<sup>+</sup> RNA with oligo dT<sub>18</sub> as a primer and 1000 units of SuperScriptII RT

enzyme (Invitrogen, Carlsbad, CA) as described in (6). First-strand cDNA was re-suspended into 50 µl of dH<sub>2</sub>O after phenol/chloroform extraction followed by EtOH precipitation. Using gene specific primers, the ORFs were amplified using 0.5 µl of first-strand cDNA and 3.75 units of Expand High-Fidelity DNA polymerase (Roche Applied Science, Mannheim, Germany). The amplification conditions were: denaturation for 2 min at 94 °C, touch-down PCR (7) was performed, consisting of 12 cycles of 15 sec denaturation at 94 °C, 30 sec annealing at 63 °C with negative ramp 6 °C at 0.5 °C per cycles and 3 min at 68 °C, followed by 18 cycles of 15 sec at 94 °C, 30 sec at 57 °C and 3 min at 68 °C. A final elongation cycle was undertaken at 68 °C for 7 min. Amplified cDNA PCR products were isolated with the Qiagen PCR purification kit (Valencia, CA).

The U and C ORF PCR products were digested with *SfiA* and *SfiB* and were cloned into the pUNI51 vector (Fig.S18) and their DNA sequences were determined. This recombination-based universal cloning vector was derived from pUNI50 (8) by introducing a new polylinker containing two *SfiI* sites(A and B). This feature allowed cloning of a full-length ORF unidirectionally using *SfiI* A and B sites at the 5' and 3' of the ORF, respectively. The ORFs are error-free and can be transferred into any desirable expression vector by *in vitro cre/lox* recombination (8).

The design of gene specific primers used for U and C ORF clone construction is as follows:

Forward primer; 59 mer:

5'-GAATTCTGGCCGTCAAGGCCA-[GAAGGAGA]-TATA-[ACC]-ATG-(X)<sub>18</sub>-3'

Reverse primer; 41 mer:

5'-AGTCGACGGCCCATGAGGCC-(X)<sub>21</sub>-3'

The forward primer contains 21 bp specific to each cDNA downstream of the ATG. Upstream of the ATG, the sequence contains the prokaryotic (9) and eukaryotic (10) ribosome-binding sites (boxed). The reverse primer contains 21 bp cDNA specific sequence (3' UTR) that is located 10 bp downstream of the STOP signal. The 5' end sequences of both primers contain restriction sites for *SfiA* and *SfiB*, respectively.

(v) *Expression of pUNI clones*

We have tested the efficiency of the pUNI system for protein production in several ways including enzyme assays (ACC synthase) and the large-scale expression of protein in *E. coli*. A pHOST *E. coli* expression vector and a randomly chosen set of 96 pUNI U clones were recombined *in vitro* by the addition of CRE recombinase protein (8). Figure S22 shows all tested clones expressed high levels of protein (11). Introduction of a *lox* site into currently available prokaryotic and eukaryotic expression vectors will allow the transfer and expression of the ORFs for functional studies.

(vi) *Functional classification*

Functional classification of the RAFL and ORF clones (U and C) was performed using the Munich Information Center for Protein Sequences (MIPS) functional categories ([http://pedant.gsf.de/cgi-bin/wwwfly.pl?Set=Arabidopsis\\_thaliana\\_MAtDB&Page=index](http://pedant.gsf.de/cgi-bin/wwwfly.pl?Set=Arabidopsis_thaliana_MAtDB&Page=index)).

c. *Mapping cDNAs on the Arabidopsis genome*

1. In order to determine the number of annotated genes for which there is evidence of transcriptional activity, we aligned all available *Arabidopsis* ESTs and full-length cDNAs generated by us and others (NCBI-GenBank Flat File Release 135.0) to the *Arabidopsis* genome as described in sections *cii* and *ciii*.

*(i) Sources of EST and cDNA sequences*

Cluster analysis was performed using Version 2.0 and 3.0 of the *Arabidopsis* genome annotation obtained from GenBank ([ftp://ftp.ncbi.nih.gov/genomes/A\\_thaliana/](ftp://ftp.ncbi.nih.gov/genomes/A_thaliana/)). The sequences analyzed are: ESTs ([ftp://ftp.Arabidopsis.org/home/tair/Sequences/blast\\_datasets](ftp://ftp.Arabidopsis.org/home/tair/Sequences/blast_datasets)); single-read 5' and 3' end sequences of RAFL clones (<http://rarge.gsc.riken.go.jp/>); full-length cDNAs sequenced by the SSPC (<http://signal.salk.edu>); Ceres ([ftp://ftp.tigr.org/pub/data/a\\_thaliana/ceres/CeresTigr](ftp://ftp.tigr.org/pub/data/a_thaliana/ceres/CeresTigr)), and a collection of full-length cDNAs sequences determined by the *Arabidopsis* community (community full length; CFL) ([ftp://cycle.stanford.edu/pub/projects/arab/AtGenBank\\_fullcDNA.fasta](ftp://cycle.stanford.edu/pub/projects/arab/AtGenBank_fullcDNA.fasta)). The *Brassica*, rice and wheat ESTs were obtained from Genbank (<http://www.ncbi.nlm.nih.gov/>). Table S2 shows the number of each class of cDNA that was mapped onto the *Arabidopsis* genome.

*(ii) Mapping of cDNAs to Annotated Genes*

ESTs and full-length cDNA sequences were aligned to the *Arabidopsis* genome using sim4 (12). Each aligned sequence was assigned to an annotated gene if it overlapped the gene or fell within 600 bp of the gene. cDNAs that showed high sequence similarity to unannotated genomic locations were labeled as “newly-discovered genes”. In cases where a cDNA or EST could be aligned to multiple chromosomal sites, we chose the alignment having the highest percentage match across the entire cDNA sequence. A small fraction of cDNA sequences failed to align to the genome, indicating possible library contamination, errors in the cDNA or genomic sequence (Fig. S4).

*(iii) Identification of Intergenic Transcription Units*

A hierarchical agglomerative clustering algorithm (13) was used to identify groups of cDNAs

that aligned to intergenic sequences which formed potential transcription units. ESTs and cDNAs that did not map to an annotated gene were ordered according to their position on the genome. Adjacent ESTs/cDNAs sequences which overlapped or fell within 3 kb of each other were merged into a single contiguous feature (contig); a safeguard was implemented to prevent features from merging across annotated gene locations. This merging process was repeated until no additional sequences or contigs could be merged, resulting in a set of features that consisted of putative new transcription units. The 3 kb window size was chosen because it represents an average size of an *Arabidopsis* transcription unit (14) and provides a conservative estimate of the number of intergenic transcription units found. Based on the distribution of intergenic region lengths in the *Arabidopsis* genome, two transcription units which are more than 3 kb apart may represent two independent genes.

(iv) *Identification of Potential Transcriptional Activity by Homology*

In order to determine potential transcriptional activity in regions of the genome not represented in the *Arabidopsis* EST or full-length cDNA collections, we performed searches against mRNA, EST, and protein databases (GenBank) of sequences from rice, wheat, and *Brassica*. Two sets of *Arabidopsis* query sequences were used to search for homology among these rice, wheat, and *Brassica* sequences. The first query set consisted of annotated genes to which no EST or cDNA sequences had been mapped. This class of genes is termed annotated non-expressed (ANE; same as hypothetical). We compare the protein sequences of these genes to proteins from other species using BLASTP while TBLASTN was used for analysis of mRNA and EST sequences. The second query set consisted of all regions of the genome after eliminating annotated genes and transcription units identified in the intergenic regions (newly discovered genes) using the clustering algorithm. Annotated genes were augmented by 600 bp and intergenic transcription units widened to 3 kb to minimize false positive alignments near these annotated

and putative transcription units. To compare the nucleotide sequences of this second query set to protein databases, BLASTX was used; BLASTN was used for nucleotide databases. In all cases, only hits with an E-value  $<10^{-25}$  were considered to be indicative of homology. The average alignment length for both queries are shown below

	EST	Annotated Non-expressed	Intergenic Region
		Length (bp)	Length (bp)
<i>Brassica</i>			
EST	152	188	
mRNA	357	173	
Protein	398	400	
Rice			
EST	172	205	
mRNA	400	290	
Protein	461	467	
Wheat			
EST	186	168	
mRNA	350	195	
Protein	325	213	

#### (v) Data Storage and Software Development

A relational database schema was developed to store data used in this analysis. This schema was realized using the mySQL database server (<http://www.mysql.com/>). Automation of mapping and annotation was carried out using software implemented in the Java programming language (<http://java.sun.com/>); human oversight of the annotation process was carried out within a web-

based workflow system implemented using the PHP programming language (<http://www.php.net/>).

*d. Identification of transcription units with high-density oligonucleotide tiling arrays*

*(i) Design of the pilot tiling array*

Affymetrix produced 4 pilot *Arabidopsis* genome tiling chips with 18 micron features. The design was based on the *Arabidopsis* genome annotation V1.0 of GenBank ([ftp://ftp.ncbi.nih.gov/genbank/genomes/A\\_thaliana/](ftp://ftp.ncbi.nih.gov/genbank/genomes/A_thaliana/)). All four chips are identical in design except for the regions of genome sequence that they cover (Figure S8). Each array contains 1.25 Mb of genomic sequences that is represented by 25-mer oligonucleotides. Two chips span a 2.5 Mb region (1.79-3.04 Mb) of chromosome 1 and another two chips span a 2.5 Mb region (17.0-19.5 Mb) of chromosome 2. The 25-mer oligonucleotides were synthesized with 12 bp sequence overlap. For each perfect match (PM) oligonucleotide, a corresponding 1 base mismatch (MM) oligonucleotide (base position 13) was also synthesized on the array. These four arrays contain a total of  $1.6 \times 10^6$  25-mer that represent both Watson (W) (top strand) and Crick (C) (bottom strand) strands of a 5.0 Mb segment of the *Arabidopsis* genome sequence. According to the V3.0 genome annotation, there are a total of 1,295 predicted genes (chip 1a 326; chip 1b 313; chip 1c 331; and chip 1d 325) represented on the four tiling chips.

*(ii) Design of the Whole *Arabidopsis* Genome Tiling Arrays*

The schema for the whole genome tiling arrays is shown in Fig. S10. A single photolithographic mask was designed that covered the entire silicon wafer (49 chips/wafer). The wafer contains four different chip designs: a set of 12 whole genome tiling chips (6 for W/forward, and the other 6 for C/reverse complement), a gene expression (exon scanning) chip, a

splice-site variation detection chip and a 5' mRNA transcription start site mapping chip. Their designs were based on the *Arabidopsis* genome annotation V2.0 (GenBank). The number of probes representing the genome in the three genome designs (12 chips/design) are:

Design No.	Probes	bp
1	8,855,960	110,390,000
2	8,830,090	110,386,250
3	8,830,224	110,377,800

All designs represent 94% of the *Arabidopsis* genome (117,429,178 bp V2.0).

Each array contains an end-to-end "tile" of oligonucleotides (from head to tail) with no overlap in their DNA sequences. The entire genome is tiled in three "frames" with an 8 bp offset between the three different sets (designs 1, 2 and 3 indicated above). Integrated probe hybridization data from experiments carried out using all three tiling sets will provide 8 bp resolution. Complete coverage of one strand of the *Arabidopsis* genome requires six different chips (chip 1-1 to chip 1-6). Since both strands are being tiled in three different offsets, the genome tiling chips use 36 of the 49 available chips on a wafer. We decided to include only perfect match (PM) probes in the whole genome array design, because our studies with the pilot array chip indicated that the mismatch (MM) probes were not necessary for deducing gene structures. Oligos that contain ambiguous bases (including those due to the few remaining gaps in the genomic sequence) are not represented in the tiling oligos, but their locations within the genome are noted. The standard Affymetrix *Arabidopsis* gene expression controls are present on each of these chips and are repeated several times distributed throughout the chip. The design of the remaining chips on the wafer will be reported elsewhere. There are a total of 26,934 predicted transcription units on the 12 chips according to the V3.0 genome annotation. The predicted gene content of each chip in tiling array design #1 is shown below.

Chip	Chromosome	Gene content (Top strand)	Chip	Chromosome	Gene content (Bottom strand)
1-1	1	2189	1-rc-1	1	2167
1-2	1 & 2	2077	1-rc-2	1 & 2	2106
1-3	2 & 3	2542	1-rc-3	2 & 3	2557
1-4	3 & 4	1954	1-rc-4	3 & 4	1947
1-5	4 & 5	2549	1-rc-5	4 & 5	2540
1-6	5	2182	1-rc-6	5	2129

*(iii) Probe Synthesis and Chip hybridization*

Either 10 µg total RNA or 1 µg poly(A)<sup>+</sup> RNA was converted into double-stranded cDNA using Affymetrix T7-oligo(dT) primers. Six cDNA synthesis reactions containing 10 µg total RNA each were sufficient for a set of 12 whole genome tiling arrays. Biotin-labeled cRNA was generated by *in vitro* transcription reactions, fragmented, and then approximately 20 µg of fragmented cRNA were hybridized to the tiling arrays according to Affymetrix (Santa Clara, CA) instructions. The arrays were washed and stained using an Affymetrix fluidics station as instructed in the manufacturer's user manual. CEL™ files from scanned arrays were used for further analysis.

*(iv) Processing tiling chip data*

The creation of new software capable of both visualizing and analyzing the genome tiling arrays was necessary since the concept of genome tiling arrays has not yet been commercialized by Affymetrix. Software capable of chip image deconvolution was developed. The ChipViewer program uses an input file of tiling chip probe information and (x,y) coordinates and multiple CEL™ files (containing experimental hybridization data), and produces an output file which contains ordered data for each probe on the chip. Then it sorts the probes of each segment into the

actual sequence order of the segment. As output, it generates a file (and a deconvoluted chip image) which lists the intensity values for each probe. The program displays the chip hybridization signals along with various “tracts” including the gene annotation, alongside the full-length cDNA annotation for each corresponding genome segment being interrogated on a tiling chip.

Furthermore, intensity statistics for arbitrary features located on a chip, such as annotated genes and intergenic clusters were computed. Hybridization data were normalized by dividing each probe intensity value in a given experiment by the median intensity value of all probes in that experiment (including PM, MM, and control probes on the chip). The median intensity value of all probes were determined to be a good estimate of the background noise level in a given experiment. Initially we tested the pilot chips and visualization software by hybridizing the arrays with RNA prepared from a single gene. *In vitro* RNA from an RAFL cDNA clone was synthesized, labeled with biotin and hybridized to one of the four tiling arrays (Fig. S23). Analysis of the hybridization signals using all of the oligos for a particular gene or only the even or odd numbered oligos (Fig. S23), indicate that the gene structures predicted by the visualization software yields the same gene model whether all of the oligos or only the even/odd oligos are used for the prediction. These studies indicated that a genome-wide end-to-end tile of oligos will be equally effective and more space efficient than the overlapping probe design produced for the pilot tiling chips.

(v) *Detection of Transcriptional Activity in Annotated and Newly Discovered Genes in Intergenic Regions*

Tiling array transcription unit analysis was carried out by comparison to the most current version of the *Arabidopsis* genome annotation (TIGR V. 3.0). Each annotated or newly discovered

gene or cluster on a chip was determined to be “expressed” if the median intensity value of the probes in that region is above a certain threshold. Two methods were used to determine the threshold value. The first method involves performing “spike-in” experiments to determine the chip sensitivity. The second method involves the determination of a threshold value which bounded the number of falsely expressed genes using a median intensity value derived from probes of gene promoter regions.

#### The “Spike-in” Method

*In vitro* cRNAs were synthesized from three RAFLs; RAFL09-15-L21, RAFL09-92-G13, and RAFL09-94-J11 corresponding to genes At2g43010, At1g11870 and At1g11960, respectively. Plasmid DNA of these RAFLs was linearized with *Pvu*II (RAFL09-15-L21 and RAFL09-92-G13) or *Sap*I (RAFL09-94-J11). Biotin-labeled cRNAs were synthesized by *in vitro* transcription using T7 RNA polymerase (Enzo Life Science, Farmingdale, NY) with 100 ng of linear plasmid DNA as template, according to the supplier's instructions. Different amounts of each RNA corresponding to 100 ng, 1 ng and 0.01 ng/ $\mu$ l were used for hybridization to arrays 1B and 1C. The lowest concentration of probe that allowed the exon-intron structure of these genes to be detected was 100 pg/ $\mu$ l (see Fig. S21). The number of probes in the coding regions of these genes are: At2g43010, 64; At1g11870, 127; At1g11960, 93. The median intensity value of the probes in the coding region of the spiked clone was computed at the 100 pg/ $\mu$ l concentration and this value was used as a threshold for transcription unit detection. This threshold value corresponds to a detection sensitivity of 1 RNA molecule/ $10^5$  RNAs.

#### The “Promoter” Method

The putative promoter regions for all genes on a tiling chip were identified in the following manner: (i) we considered all cDNA sequence evidence which could extend into the 5' UTR of

each gene (including RAFL cDNAs, Ceres full-length cDNAs, Community full-length clones (CFL), and Riken 5' ESTs.). (ii) we defined the putative transcription start site of each gene to include probes located within 50 bp 5' of the start (+1) longest cDNA sequence for that gene (iii) we defined the putative promoter region to include all probes located within 400 bp (~32 oligos) upstream of the putative transcription start site. The transcriptional activity of these promoter regions was set as the background signal. The median intensity values of probes located in each promoter region were computed. Taking each observed promoter median intensity  $m$  as a potential threshold value, we counted the number of promoters and the number of genes whose median values were greater than  $m$ . These values were plotted as a function of hybridization intensity (Fig. S25). Raising the threshold intensity from the level at which all genes and promoters are considered “expressed,” the number of promoters above the threshold drops sharply down to approximately 5% promoters falsely expressed. The intensity at which 5% of promoters were falsely expressed was computed individually for each chip hybridization experiment. The median intensities of the threshold values determined in this way are comparable with those determined by the “spike-in” method, and provide similar numbers of annotated genes and intergenic clusters expressed on each chip. Figure S26 compares the intensity distribution of the probes in all annotated genes with the intensity distribution of the probes in the promoter regions by superimposing them; both distributions match extremely well except for the high end tail. This demonstrates that the median intensity of the promoter regions is a good estimate of background noise.

(vi) *Detection of Transcriptional Activity in “Intergenic” Regions*

The “threshold” value determined by the promoter method was also used to examine the transcriptional activity in the intergenic regions. An intergenic region was defined as the DNA

sequence between two adjacent genes or EST/cDNA clusters, except the first and last 1000 bp of the region. (If two adjacent genes or clusters were less than 2000 bp apart, the region between them was not considered.) This was done in order to ensure that expression observed in the intergenic regions is not due to misannotated genes or EST/cDNA clusters which do not represent full-length transcription units. Genes and EST/cDNA clusters were considered as adjacent based only on their position, without regard to the direction of transcription. The ordering of probe intensities on each chip was processed by sliding a 30-probe window along the sequence at steps of one probe. An order of “smoothened” intensity values was generated by assigning the median intensity of the 30 probes (750 bases) in the window to the position of the central probe in the window. The set of smoothened intensities located in each intergenic region was extracted, and a count was made of the number of intensities which were higher than the promoter-based threshold.

*(vii) Antisense Expression*

We computed the antisense expression level of each annotated gene as described below. The antisense expression level was defined as the median intensity of the oligos opposite the coding region of an annotated gene. As with annotated genes, the region in the opposite strand to an annotated gene was said to be expressed in an experiment if its expression level was greater than or equal to the promoter threshold for that experiment.

Each gene in each experiment falls into one of four categories of sense-antisense transcriptional activity: +/+ (both sense and antisense expression), +/- (only sense expression), -/+ (only antisense expression), -/- (no expression). Four tissue types were analyzed, giving rise to an expression profile for each gene specifying its expression category in each tissue.

Since there are four expression categories (+/+, +/-, -/+,-/-) and four tissues (FL, RT, SC, L+), there are a total of  $4^4 = 256$  different possible expression profiles. In order to make interpretation of these expression profiles more reasonable, we made two simplifying assumptions. First, we disregard the order of the elements of a gene's expression profile; in other words, we ignore which tissue displayed which type of expression. For example, the profile (+/-, +/-, -/-, -/-) is treated the same as (-/-, +/-, +/-, -/-). Second, we disregard the number of times each expression category appears in each profile. For example, the profile (+/-, +/-, -/-, -/-) is treated the same as (+/-, +/-, +/-, -/-). In both of these cases, the qualitative nature of the transcriptional activity is the same; we are only interested in which categories appear in a given profile. For our purposes, all of the profiles mentioned above can be summarized by the single reduced profile (+/-, -/-).

Given these simplifying assumptions, the number of different expression profiles is reduced to fifteen which can be grouped into five major categories shown below.

<b>Profile</b>	<b>Gene category</b>	<b>Number of genes</b>
(++)	Genes with sense and antisense expression	2516
(+/-)	Genes with only sense expression	2944
(-/+)	Genes with only antisense expression	318
(-/-)	Genes without expression	6392
(+/- +/+) (+/+ -/+)	Genes with tissue specific sense and antisense expression	3697
(-/- +/+) (-/+ +/-)	Genes with sense and antisense expression	1113
(-/- +/+) (-/+ +/-)	Genes with tissue specific sense and antisense expression	511
(-/+ +/-)	Genes with sense and antisense expression	146
(+/- -/-)	Genes with only sense expression	5131

(-/- -/+)	Genes with only antisense expression	1528
(-/+ ++ +/-)	Genes with tissue specific sense and antisense expression	402
(++ -/- +/-)	Genes with tissue specific sense and antisense expression	1043
(-/+ ++ +/-)	Genes with tissue specific sense and antisense expression	569
(-/- -/+ +/-)	Genes with tissue specific sense and antisense expression	469
(-/+ ++ +/- -/-)	Genes with tissue specific sense and antisense expression	160

*(viii) Transcriptional activity across five chromosomes*

To examine chromosome-scale variation of transcriptional activity, the following approach was used. Within a window of 500 kb, the portion of expressed genes (probes with a median intensity value greater than the threshold value) was computed. The window was then moved in steps of 100 kb across the entire probe sets on each chip. Finally, the proportion of expressed genes in each window was plotted against the position of the center of the window (Fig. 4).

*(ix) Analysis of hot spots on chromosomes 2 and 3.*

Probes were scored by a threshold (cutoff intensity value > 200) in either the corresponding whole chromosomes or the regions where exhibited relatively high transcriptional activity (named ‘hot spot’). Probes with intensity values > 200 are localized in the CEN 2 and 3 regions.

(x) *Validation of expression statistics computed by promoter threshold: P value determination*

The problem of determining the statistical significance of gene expression in the tiling chip can be phrased as a test of the hypothesis that the observed expression is due to transcriptional activity; the null hypothesis is that the observed expression is due to chance alone (including factors such as cross-hybridization and noise introduced by the equipment (scanner) used in the experiment). In order to test this hypothesis for a gene with median probe intensity  $x$ , we computed the probability that an expression level of  $x$  could occur as the result of chance (15). If there is no transcriptional activity within a gene's coding region, we may suppose that the intensities of the probes in this region are a random sample, elements independent and identically distributed (i.i.d.), from the overall distribution of intensities observed in the experiment. Thus, for a gene containing  $n$  probe in its coding region, the P-value is defined in terms of the cumulative distribution function of the median of a sample of  $n$  i.i.d. elements from the distribution of probe intensities on the chip.

In order to compute these P-values, we used a randomized simulation method (16,17). A principal advantage of such a method is that it does not require the distribution of probe intensities in the experiment to be described parametrically. For each actual experiment, we generated a set of 10,000 simulated experiments. The probe intensities in each simulated experiment were independently chosen, uniformly at random and with replacement, from the intensities observed in the actual hybridization experiment. Thus, each simulated experiment had approximately the same distribution of probe intensities as the actual experiment from which it was generated. The P-value of each gene in the given experiment was defined as the proportion of simulated experiments in which the expression level of the gene in the simulated experiment was at least as high as the expression level of the gene in the actual experiment. Figure S27 shows the

relationship of median intensity values vs. P-value for each gene element in the whole genome array.

P-values were used to estimate the sensitivity and specificity of labeling each gene as expressed or unexpressed by comparing its median intensity to the promoter-based threshold. Consider an experiment with promoter threshold  $t$ , and let a P-value less than or equal to 0.01 be significant. The number of true positives (TP) in the experiment is the number of genes with median intensity at least  $t$  and P-value at most 0.01, minus 1% of this number. In other words, these are genes having high median intensity values as well as significant P-values. The number of false positives (FP) is the total number of genes with median intensity at least  $t$ , minus TP. The number of false negatives (FN) is the number of genes with median intensity less than  $t$  and P-value at most 0.01, minus 1% of this number. Sensitivity is then defined as  $TP/(TP+FN)$ , and specificity is  $TP/(TP+FP)$ . Tables S3 and S4 provide the specificity and sensitivity values for all the experiments carried out in this study with the pilot and whole genome arrays.

Although this method allows us to assess the statistical significance of gene expression levels with respect to an appropriate model of random hybridization, further studies in two areas are necessary. First, experimental validation should be done to verify that the P-values obtained using this method reflect biological reality; i.e., that genes showing significant expression according to this computational method also show transcriptional activity when interrogated using purely molecular methods. Second, it may be useful to develop a more sophisticated model of random hybridization than the one we have assumed here.

## **Legends For Supplemental Figures**

Figure S1. Dual strategy for experimental verification of the *Arabidopsis* genome annotation and discovery of new transcription units.

Figure S2. Summary of the RAFL clones used in this study.

Figure S3. Gene contents of the *Arabidopsis* genome. Annotation V1.0 used for this analysis.

Figure S4. Alignment of all available *Arabidopsis* fl-cDNAs and At-ESTs on the genome annotation V1.0 (18).

Figure S5. Determination of the annotated-expressed (AE), annotated non-expressed (ANE) and newly discovered genes in intergenic regions (non-annotated expressed; NAE) in the V1.0 genome by alignment of all the available unique fl-cDNAs and At-ESTs. The order of determining uniqueness is CFL, Ceres, RAFLs, C clones, and At-ESTs.

Figure S6. Progressive improvement of the *Arabidopsis* genome annotation V1.0 by incorporation of fl-cDNA sequences.

Figure S7. Presence of expressed non-annotated transcription units in intergenic regions of V1.0 genome. (A) Number of intergenic regions. (B) Potential intergenic clusters with transcriptional activity (see Materials and Methods for clustering). The term cDNA includes fl-cDNAs of CFL, Ceres, RAFL, 5' and 3' RAFL and At-ESTs.

Figure S8. Design and feature density of the tiling arrays. An abbreviated view of array 1A is shown. Chip 1A contains 1.20 MB of chromosome 1 (region 1.79-2.99 MB).

Figure S9. Agarose gel electrophoresis of RT-PCR products corresponding to transcription units detected by cRNA hybridization to the genome tiling arrays. The DNA sequences of the PCR products were determined and the results are presented in Table 1.

Figure S10. Design of the whole *Arabidopsis* genome tiling Affymetrix arrays. See Materials and Methods for more details.

Figures S11-15. Transcriptional activity detected in the five *Arabidopsis* chromosomes using whole genome tiling arrays. Four RNA samples were used to hybridize 4 sets (12 chips/set) of Design 1 arrays. The RNA samples are: L+ (red); flower (blue); root (green) and suspension cell culture (orange). The annotated gene structures are shown above the probe hybridization signals (black). Genes located on the forward strand are drawn above the reference line whereas the ones in the reverse strand are drawn below the line. The genetically defined centromeric regions of each chromosome are highlighted (yellow). The fl-cDNAs that have been isolated for each gene are shown below the annotated gene structures (orange).

Figure S16. Gene numbers detected for each chromosome using whole genome tiling arrays hybridization for 4 different plant tissues.

Figure S17. Functional classification of the tissue-specific expressed transcription units detected by WGAs.

Figure S18. The pUNI cloning system. (A) pUNI51 vector (AY260846) for directional cloning of ORFs at the *SfiA/SfiB* sites. (B) The principle of the pUNI cloning system for transferring ORFs to any expression vector by *cre/lox* mediated *in vitro* recombination (8).

Figure S19. Functional classification of the constructed ORFeome. The tissues used for RNA isolation are shown in the figure.

Figure S20. Status of the *Arabidopsis* ORFeome project as of March 2003. The genome annotation V1.0 was used for the analysis the cDNA data. (A) Distribution of the ORF clones among the various classes of cDNAs that represent the annotated expressed genes are shown in different colors. (B) The same as (A) but for the newly discovered genes in the intergenic regions.

Figure S21. Quality of the RAFL cDNA clones analyzed among the 13,619 clones sequenced in this study. (A) Alignment of the RAFL cDNA sequences on V3.0 genome annotation.(B) Alignment of non-problem associated RAFL cDNA sequences (C) Problems associated with some RAFL clones. See text for more details.

Figure S22. Analysis of the polypeptides expressed from pUNI ORFs in *E.coli* using SDS-PAGE with (A) or without (B) IPTG.

Figure S23. Examination of probe sequence overlap on the determination of gene structures using the pilot genome tiling arrays. cRNA was synthesized *in vitro* using the RAFL09-91-M19 clone (19) corresponding to the At1g06680 gene and was used for hybridization to the 1A pilot tiling array. The gene structure was determined from analysis of the hybridization intensity using ALL

the probe information (Top), or only the EVEN numbered probes (middle) or only the or only ODD number probes (bottom).

Figure S24. Sensitivity of detection by the pilot genome tiling arrays cRNAs were synthesized *in vitro* from three RAFLs, RAFL09-15-L21, RAFL09-92-G13 and RAFL09-94-J11, corresponding to genes At2g43010, At1g11870 and At1g11960, respectively, as described in Materials and Methods. Different amounts of each RNA were used for hybridization to the pilot tiling arrays, 1C and 1B where these genes are located. The median intensity values of the probe hybridization signals for each RNA concentration were determined as described in Materials and Methods and their values are shown in the inserted table at the right bottom corner.

Figure S25. Relationship between median probe hybridization intensity detected in the promoter and annotated gene regions present on: (A) pilot tiling genome arrays, (B) whole genome tiling arrays (top strand), and (C) whole genome tiling arrays (bottom strand). The various RNA samples used are display using different colors. The median intensity value (red arrow on *x*-axis) that corresponds to a 5% false positive was used as the cutoff value for quantification of numbers of genes expressed in each tissue.

Figure S26. Comparison of intensity distributions between the probes associated with annotated genes and those associated with the promoter regions. The two distributions have been superimposed.

Figure S27. Relationship between median intensity value and P-value. (A) All annotated genes (AE and ANE) (B) Newly discovered genes (non-annotated expressed; NAE) in intergenic regions. The P-values were calculated with the whole genome array 1 hybridized with L+ RNA. The genes fall in four domains shown: TP, true positive; FP, false positive; FN, false negative; and TN, true negative.

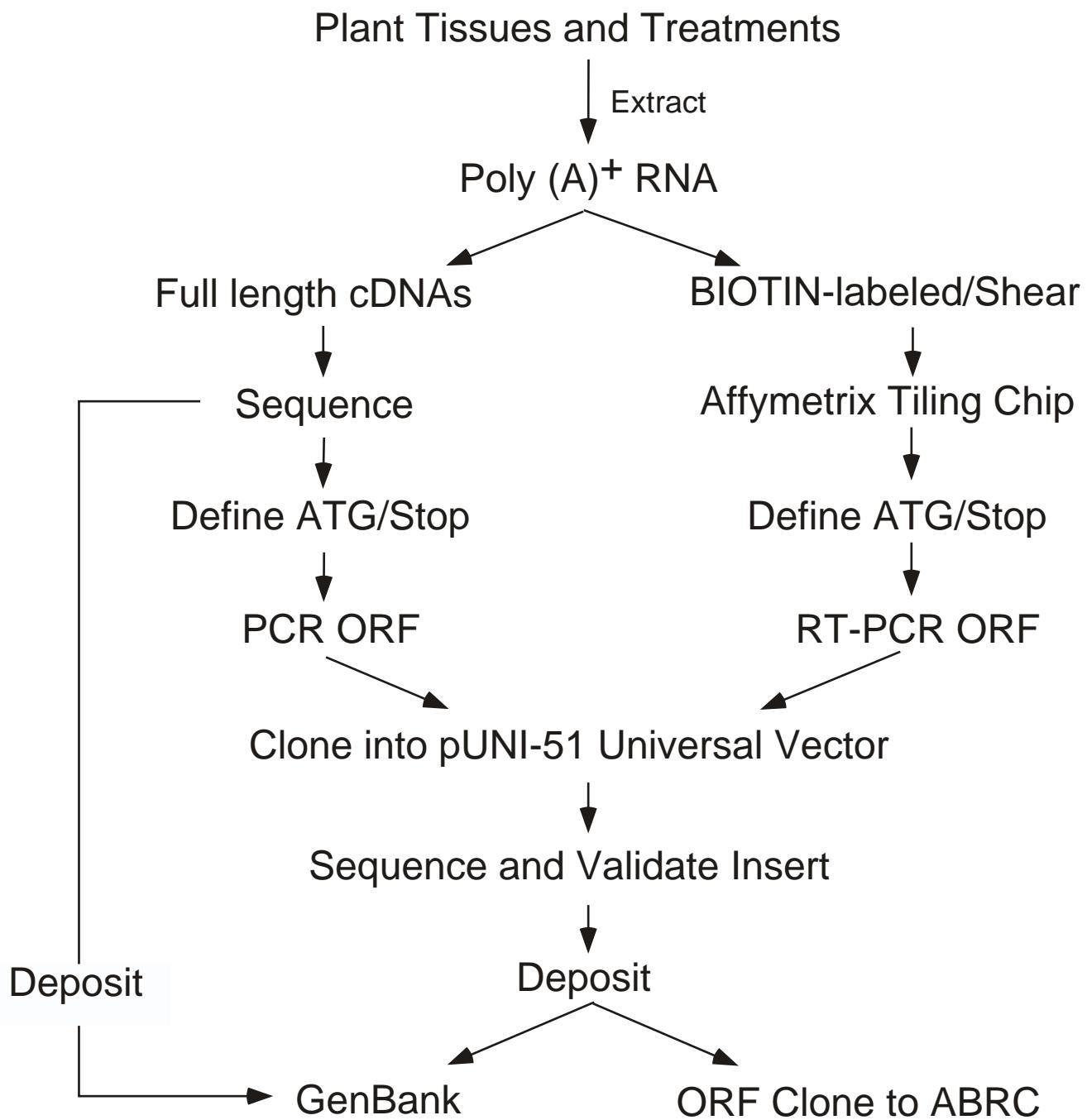


Fig S1

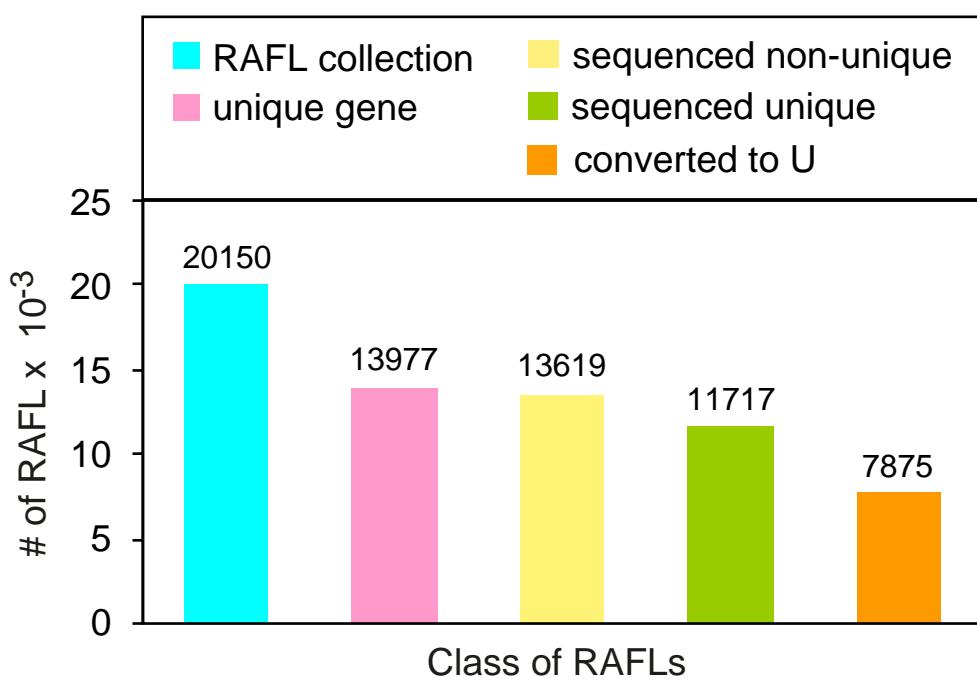


Fig S2

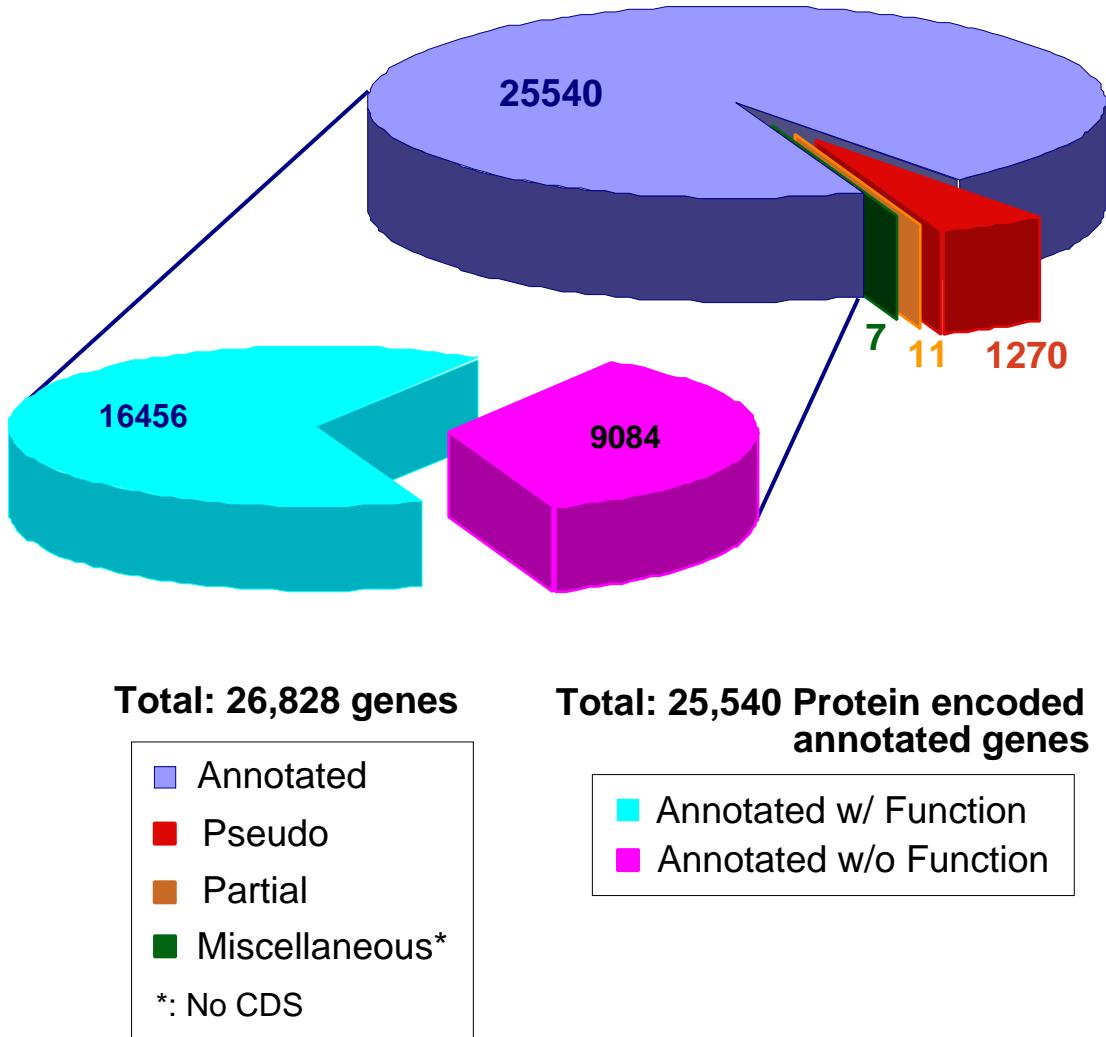


Fig S3

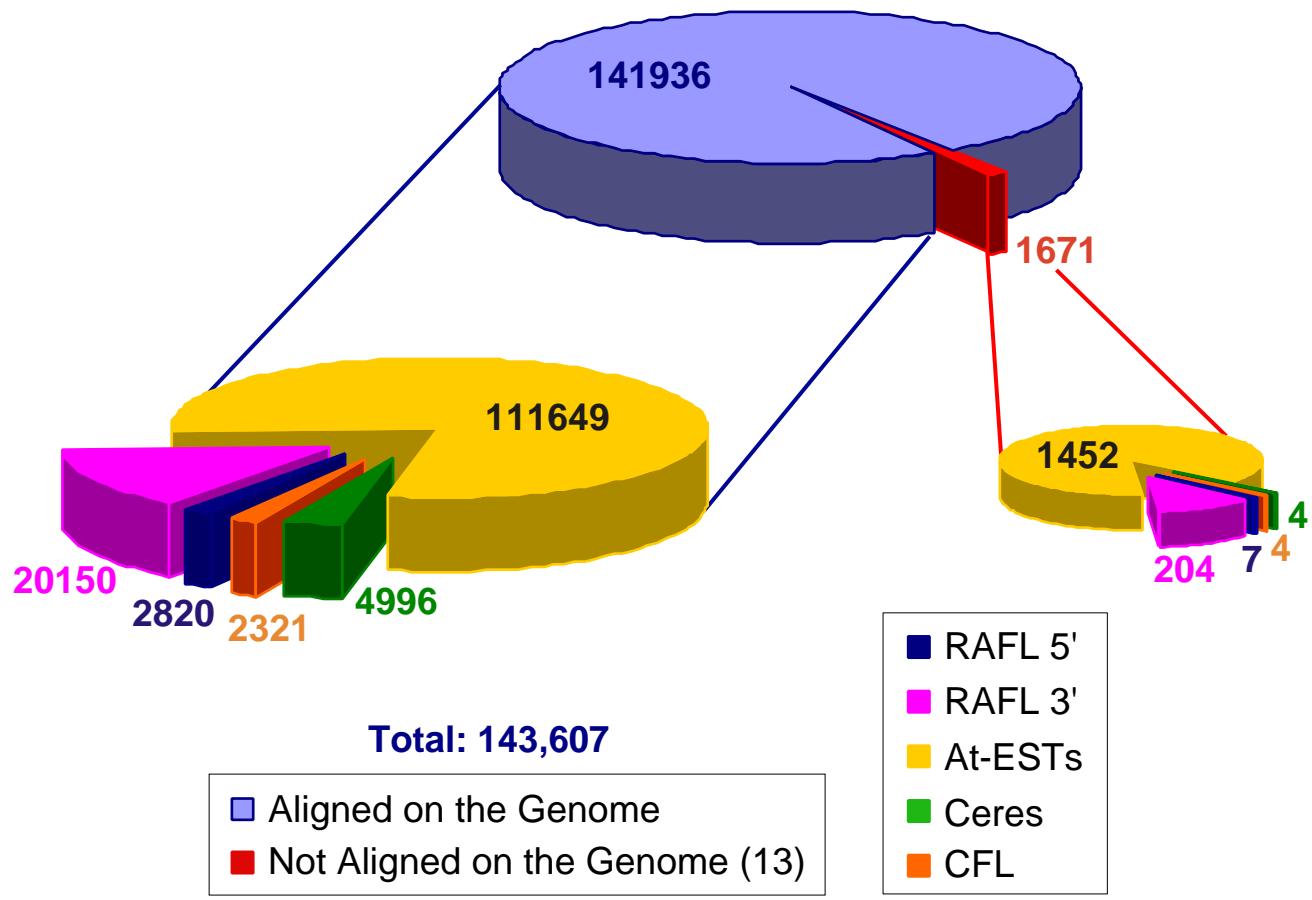


Fig S4

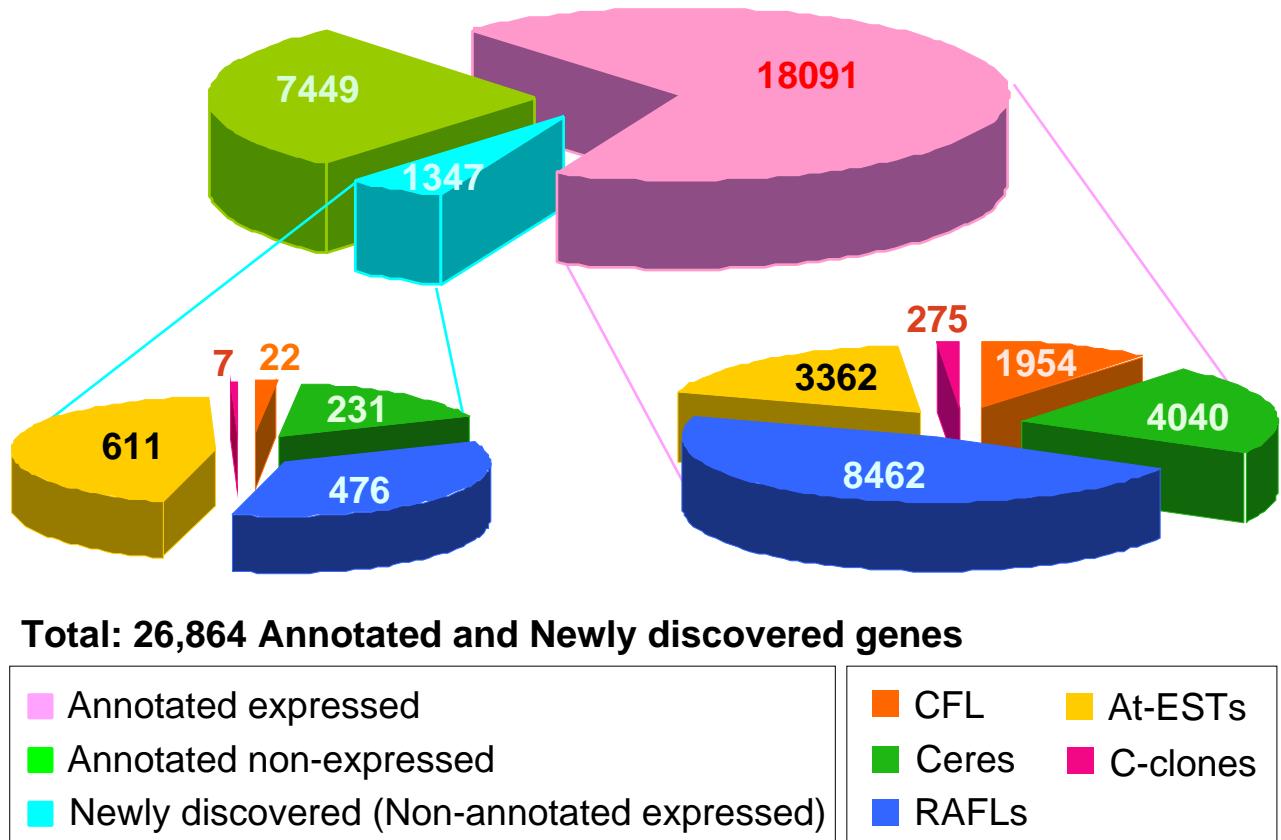
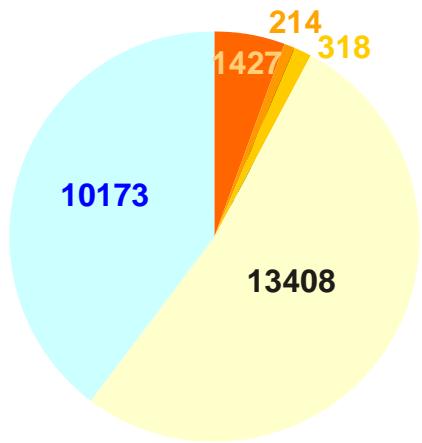


Fig S5

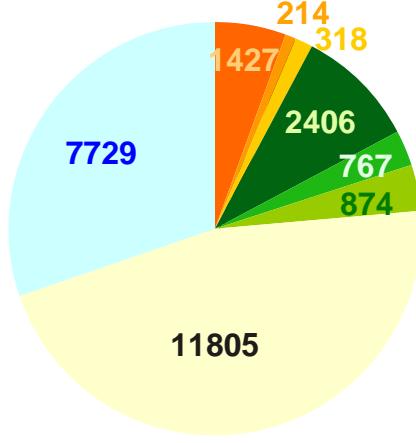
## Annotated expressed genes

A. Total: 15,367



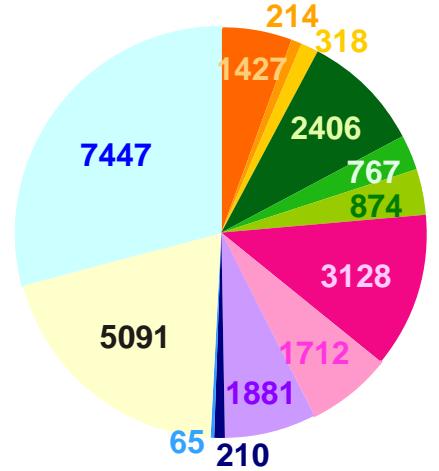
August 2001

B. Total: 17,811



September 2002

C. Total: 18,093



March 2003

	CFL	Ceres	RAFLs	C-clone
Same as annotation	■	■	■	■
Different from annotation	■	■	■	■
Problematic clones *	■	■	■	
fl-cDNA to be constructed	■			
Annotated non-expressed		■		

\*: cDNA is partial, partially/unprocessed, fusion

Fig S6

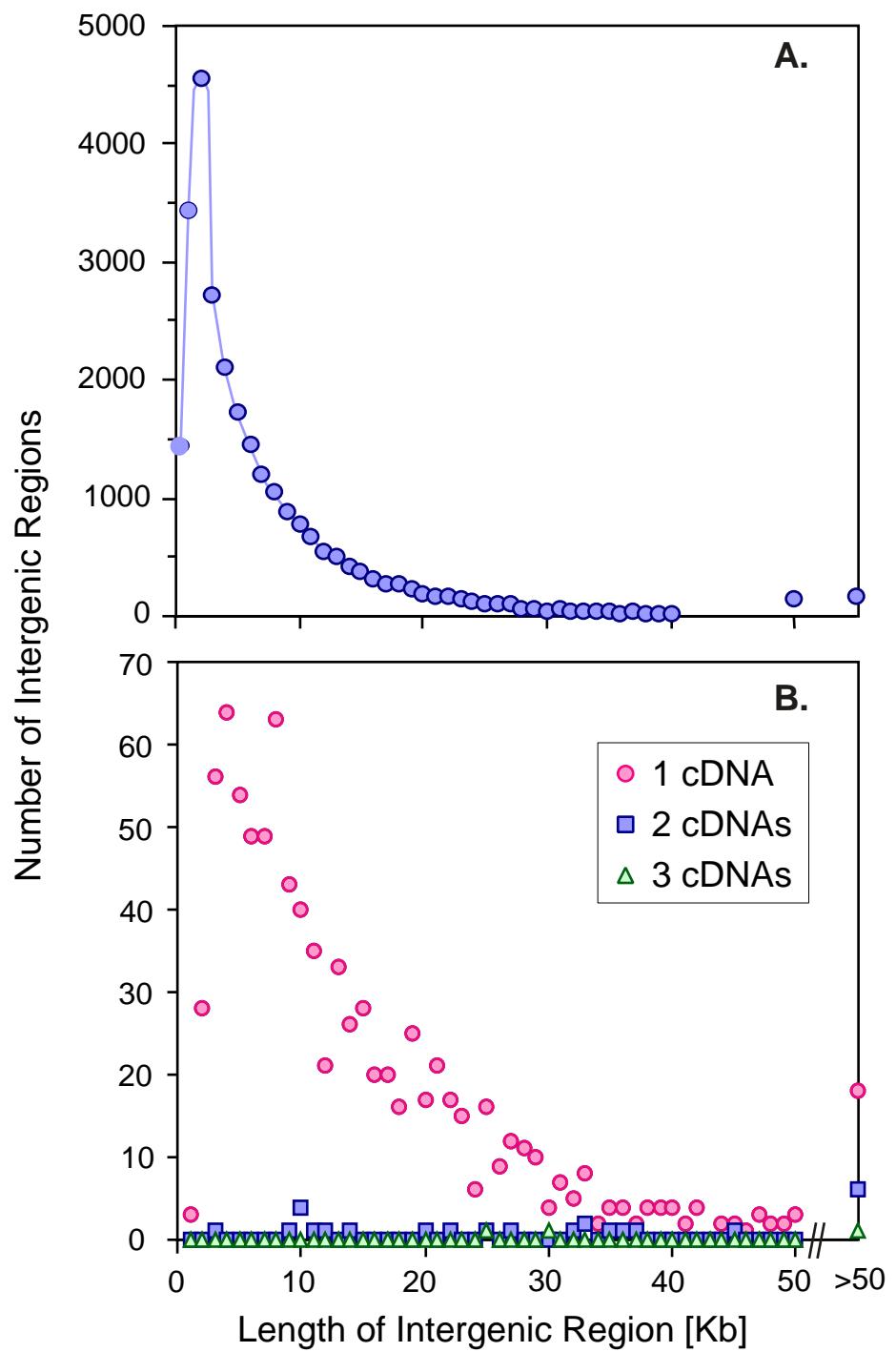


Fig S7

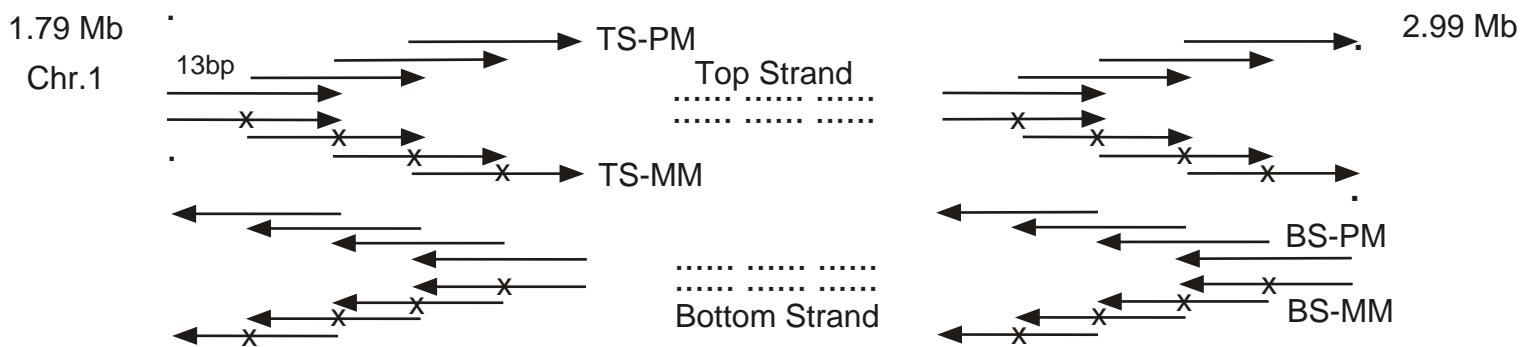
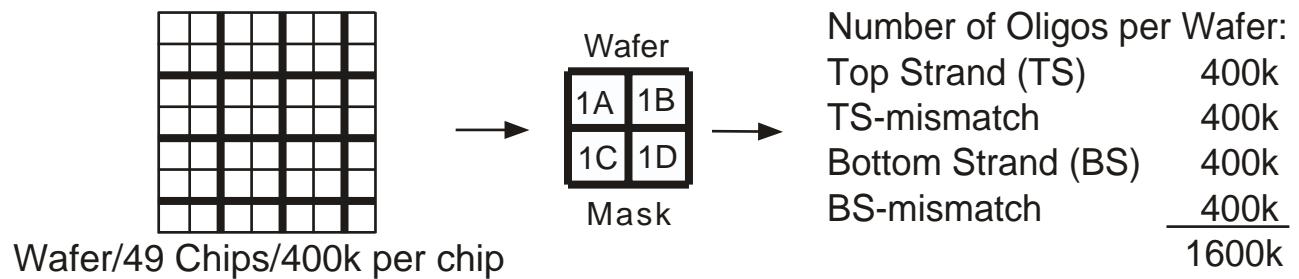


Fig S8

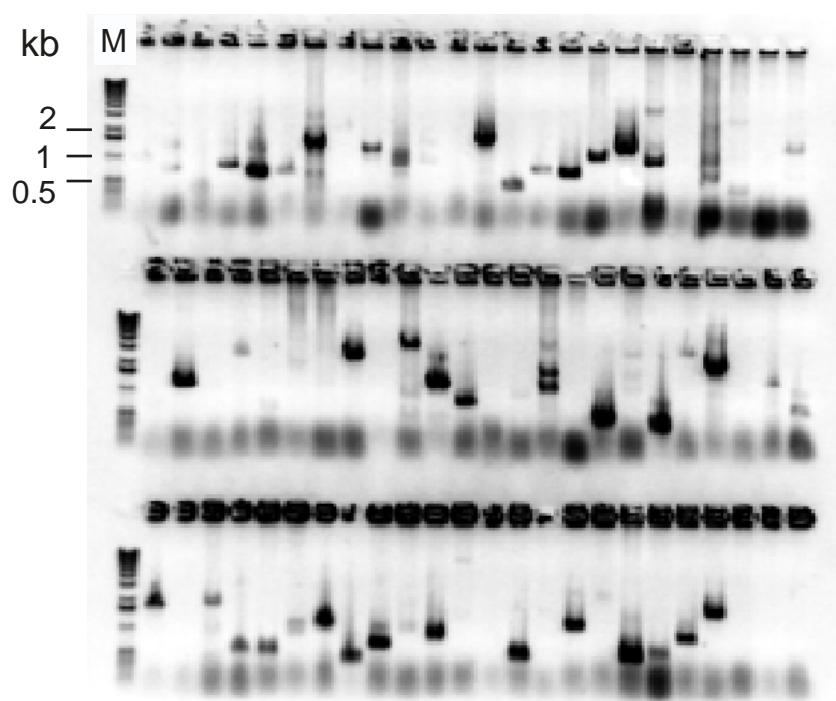
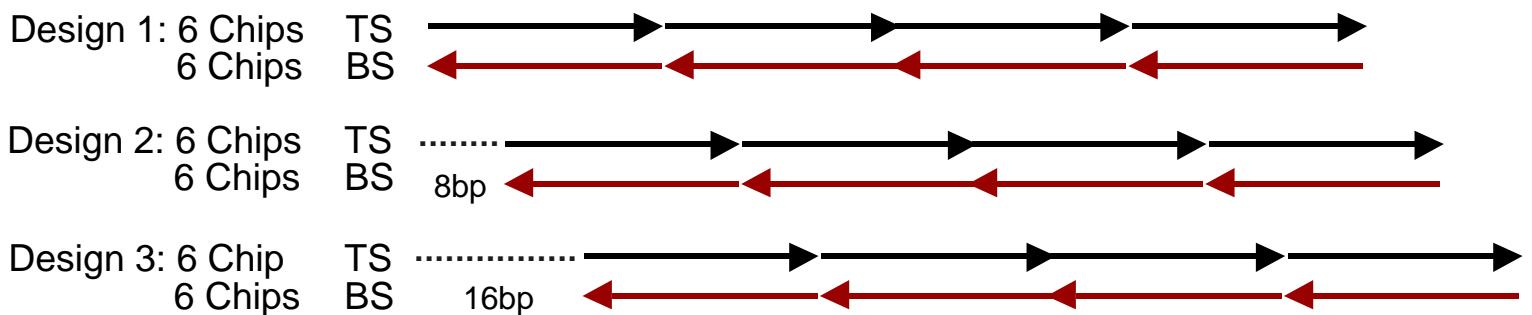


Fig S9



Wafer/49 Chips								
37	1							
38							12	
39	13							
40							24	
41	25							
42							36	
43	44	45	46	47	48	49		← Extra Chip

37-45: Expression Chips  
46-47: Promoter Mapping Chips  
48-49: Splice Junction Chips

Fig S10



Fig S11



Fig S12



Fig S13



Fig S14

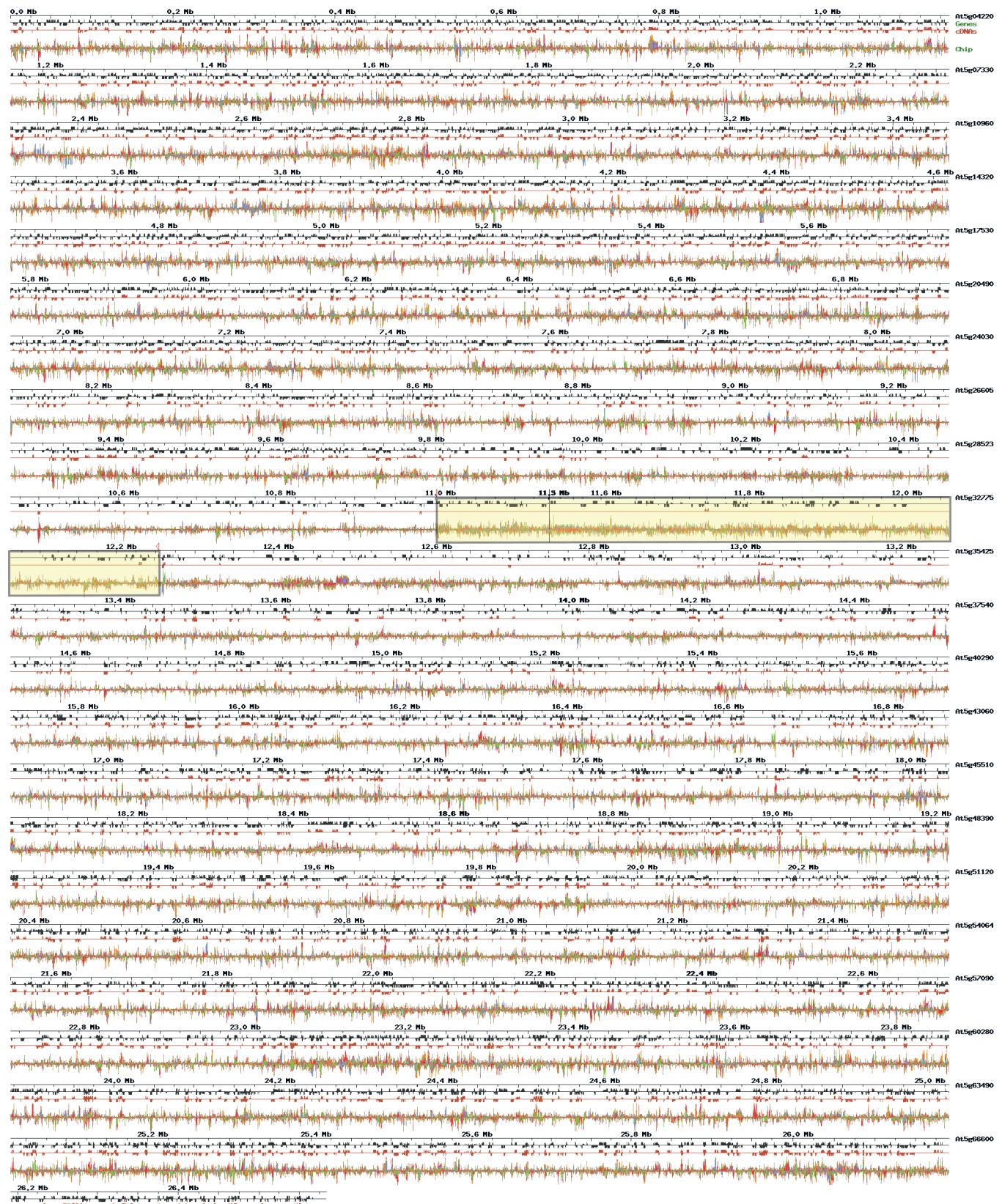


Fig S15

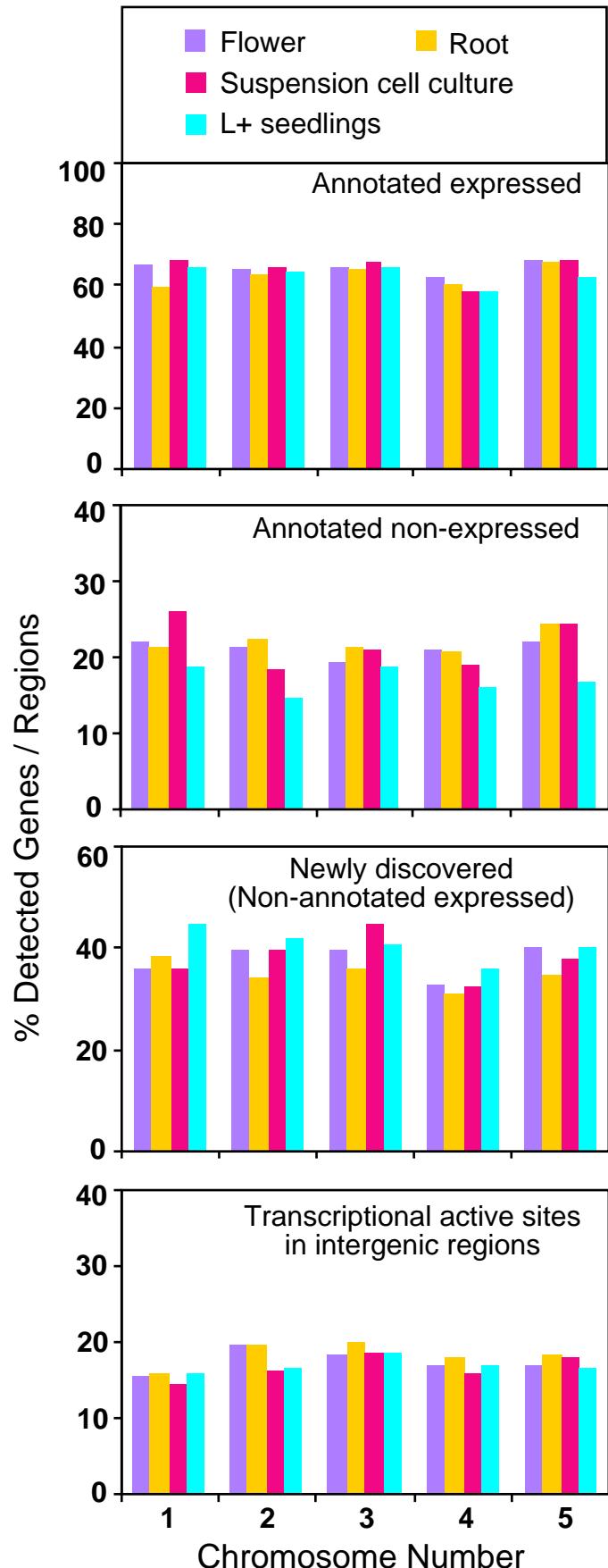
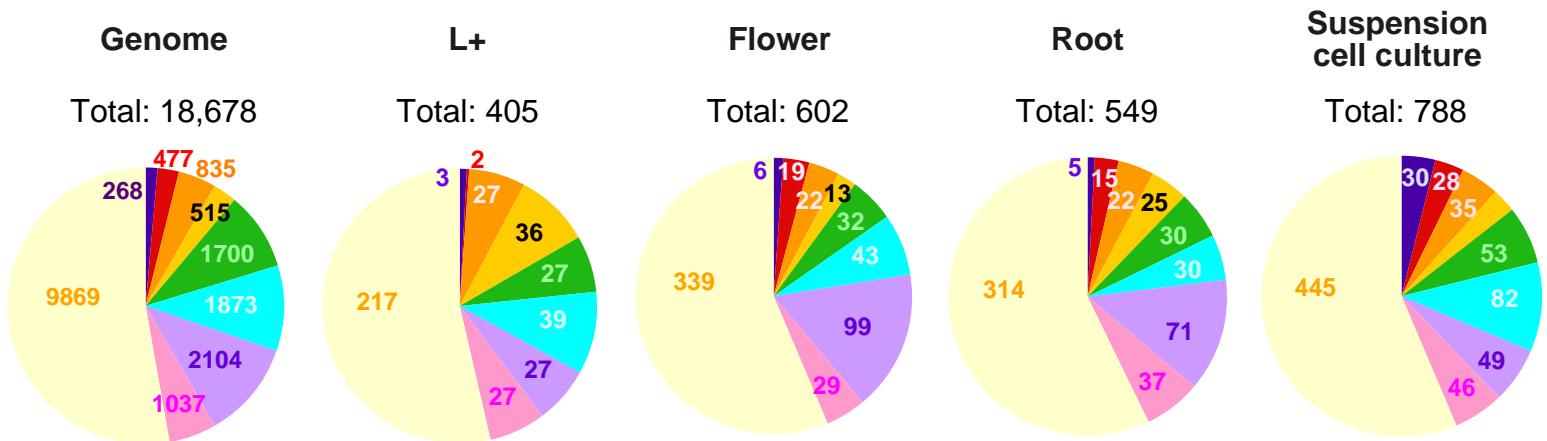


Fig S16

## Annotated expressed



## Annotated non-expressed

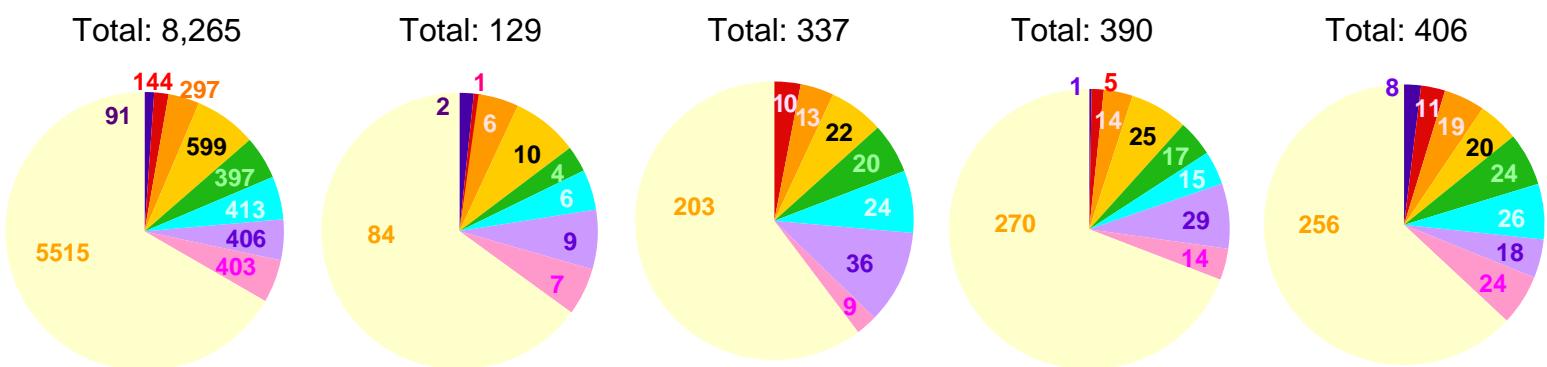


Fig S17

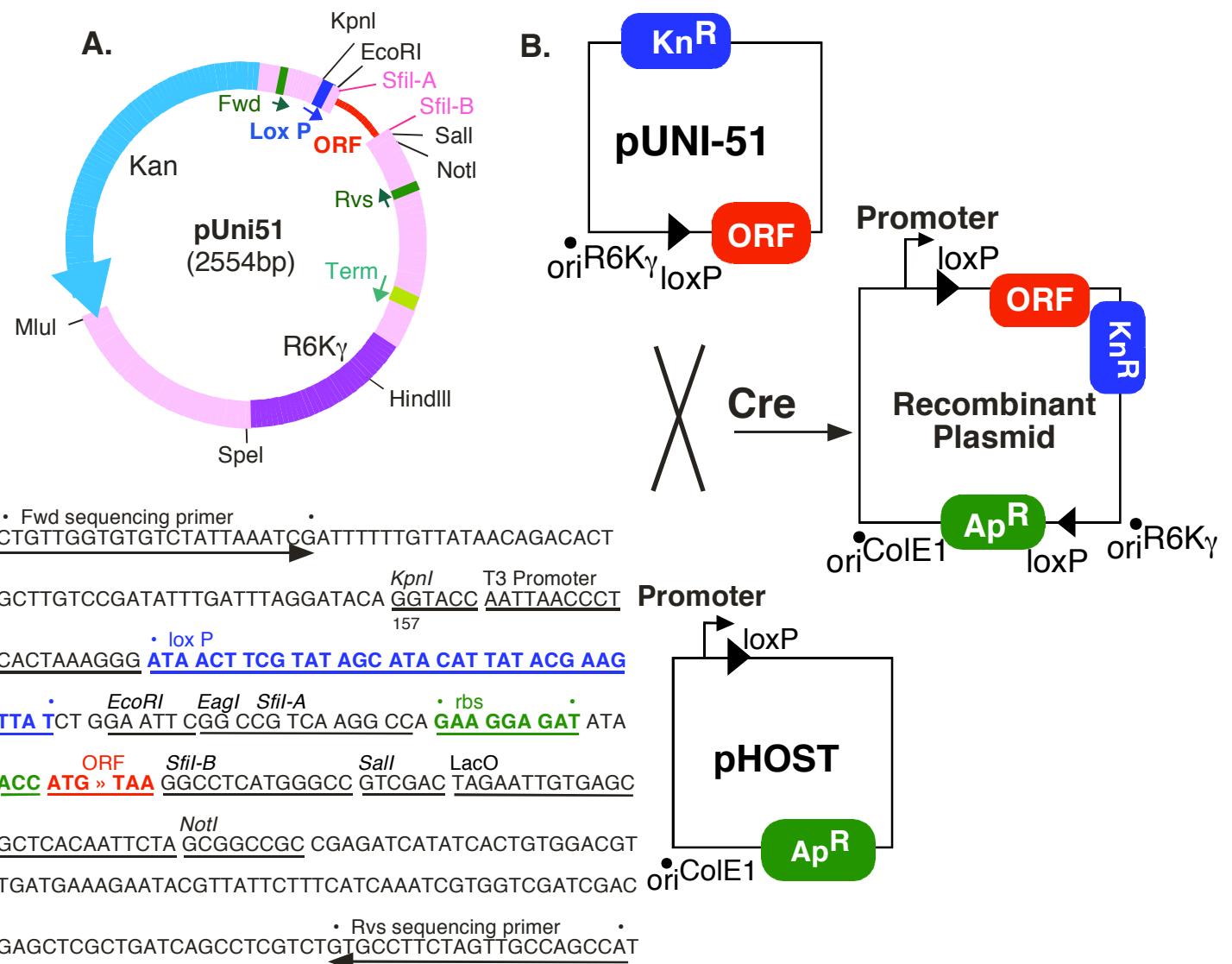


Fig S18

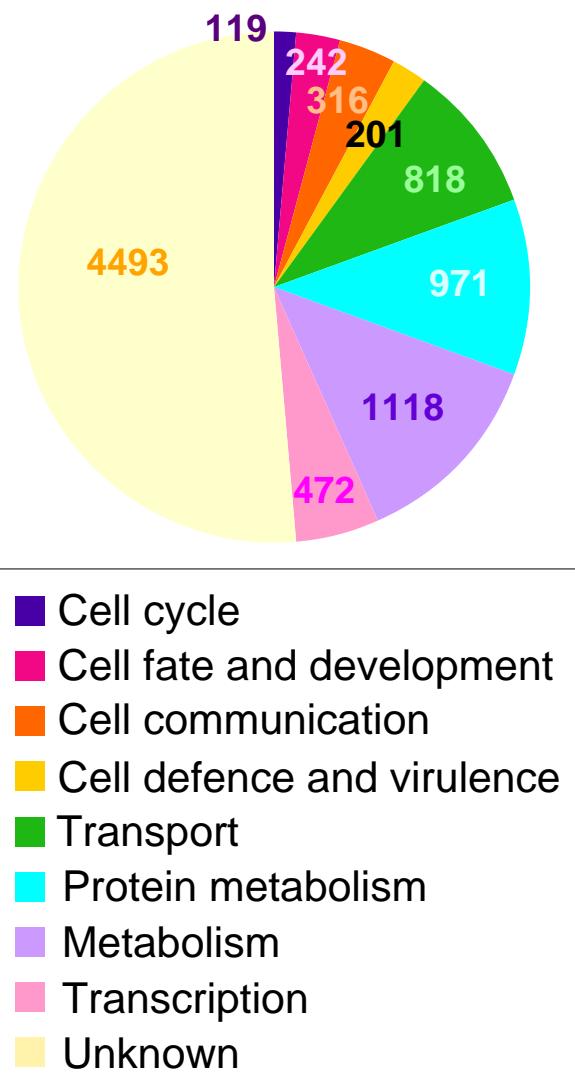
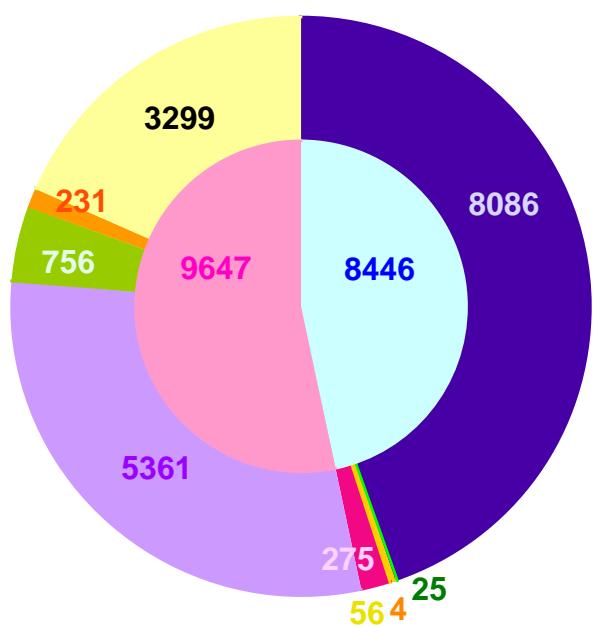


Fig S19

**A. Annotated Expressed Genes**  
Total: 18,093



**B. Newly Discovered Genes  
(Non-annotated expressed)**  
Total: 1,347

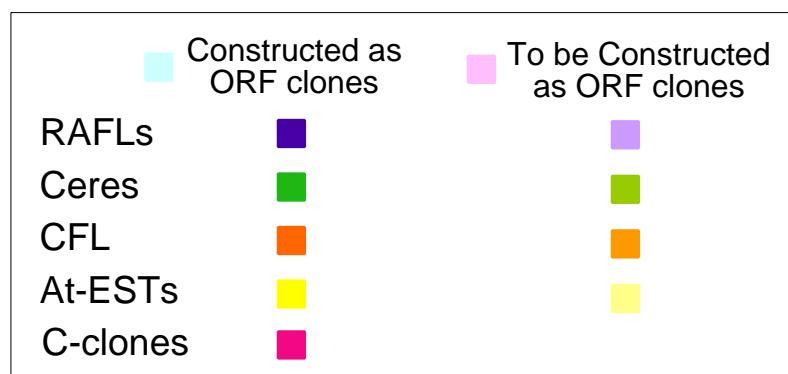
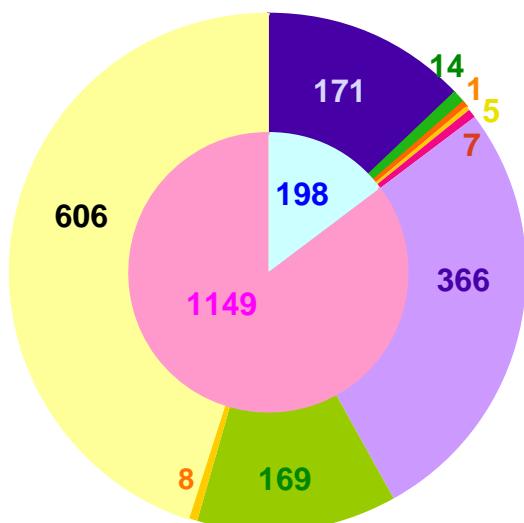
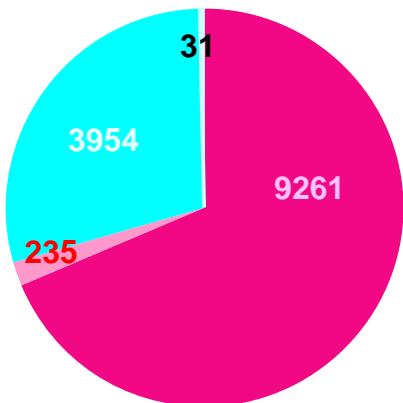
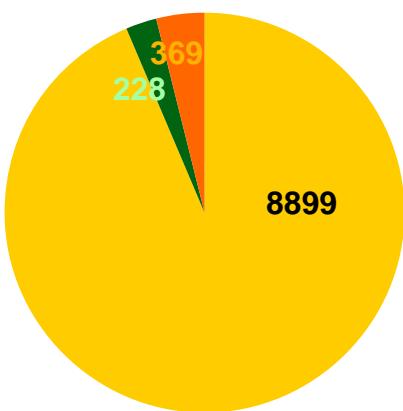


Fig S20

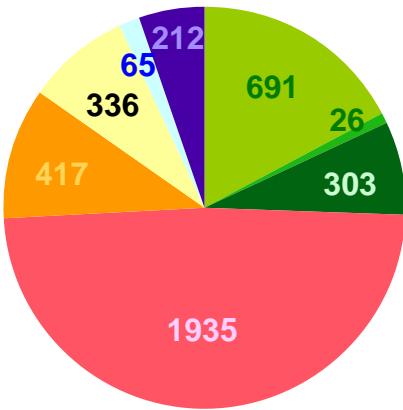
**A.****RAFLs Sequenced: 13,481 clones (Non Unique)**

- Error free Fl: Hit w/ annotated gene
- Error free Fl: Newly discovered gene
- Problematic: Hit w/ annotated gene
- Problematic: Newly discovered gene

**B.****Non-Problemsmatic RAFLs: 9,496 (70%)**

- Fl: Hit w/ annotated gene
- Fl: Newly discovered gene
- potentially Fl \*

\*: Upstream ATG found in genome inside of 300bp window

**C.****Problematic RAFLs: 3,985 (30%)**

- |                 |                         |
|-----------------|-------------------------|
| ■ 5' partial    | ■ partially/unprocessed |
| ■ 5'/3' partial | ■ Hit w/ pseudo etc     |
| ■ 3' partial    | ■ Fusion                |
| ■ Mutation      | ■ Un-categorized *      |
- \*: Potentially genomic sequence error etc.

Fig S21

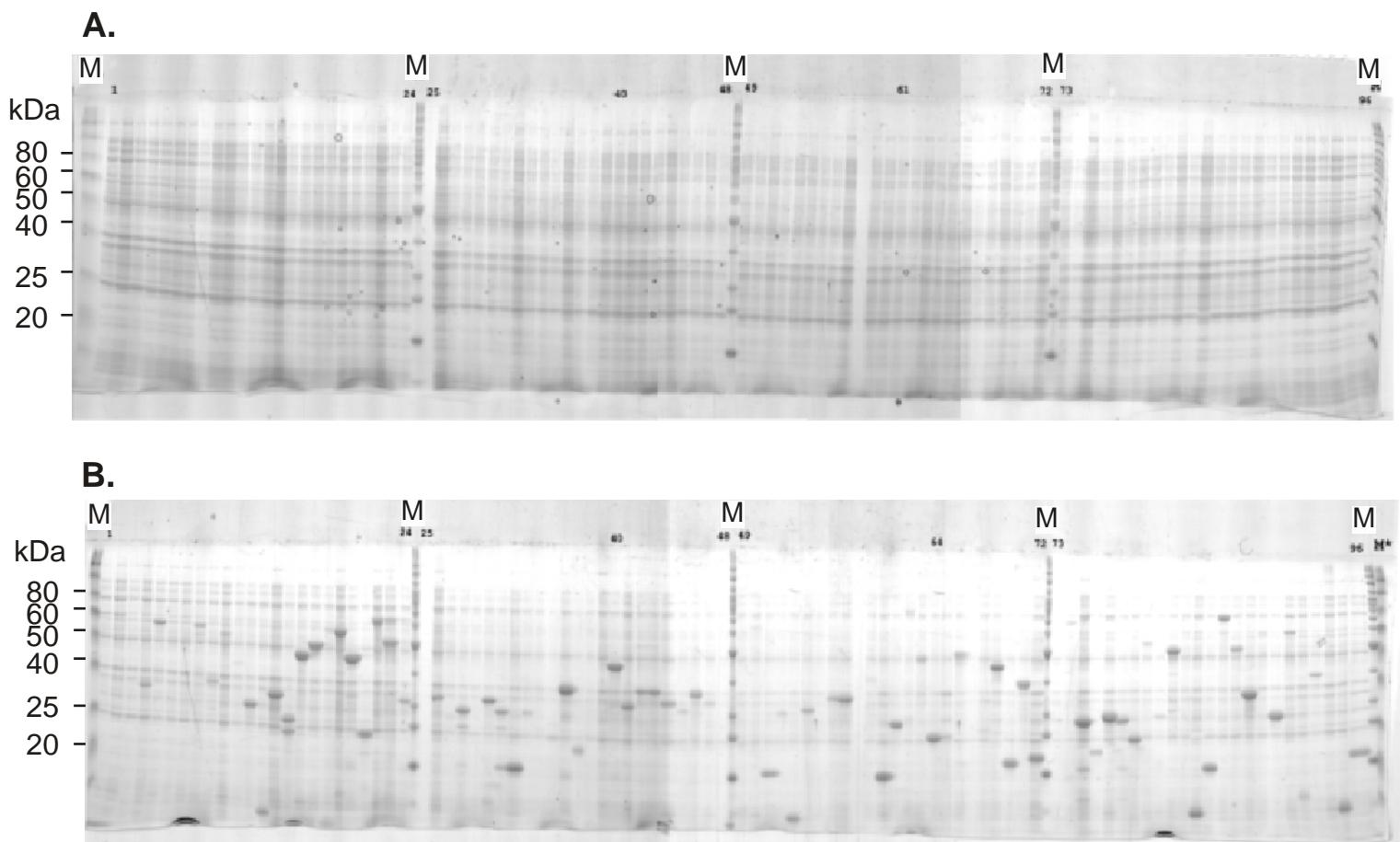


Fig S22

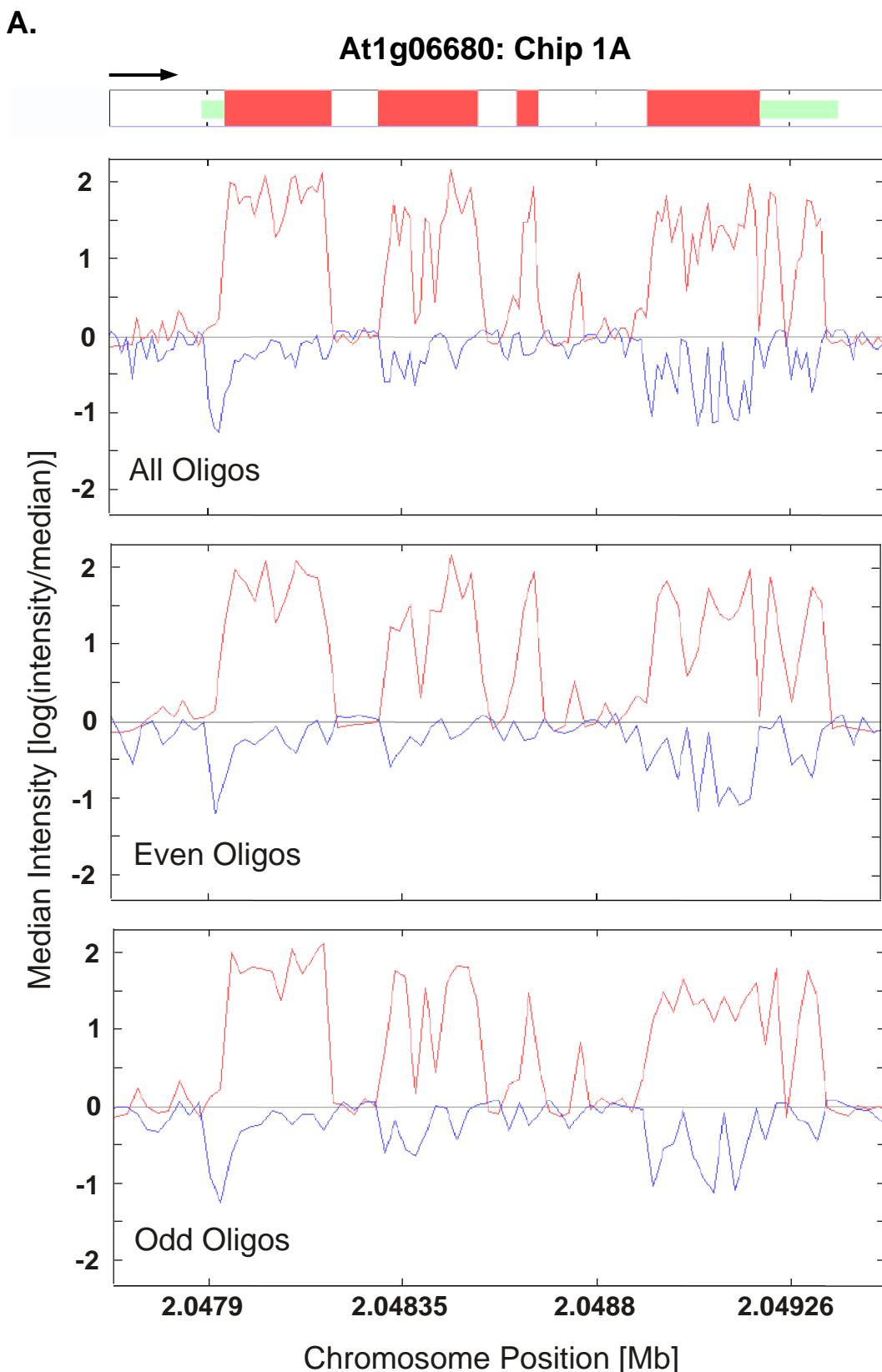


Fig S23

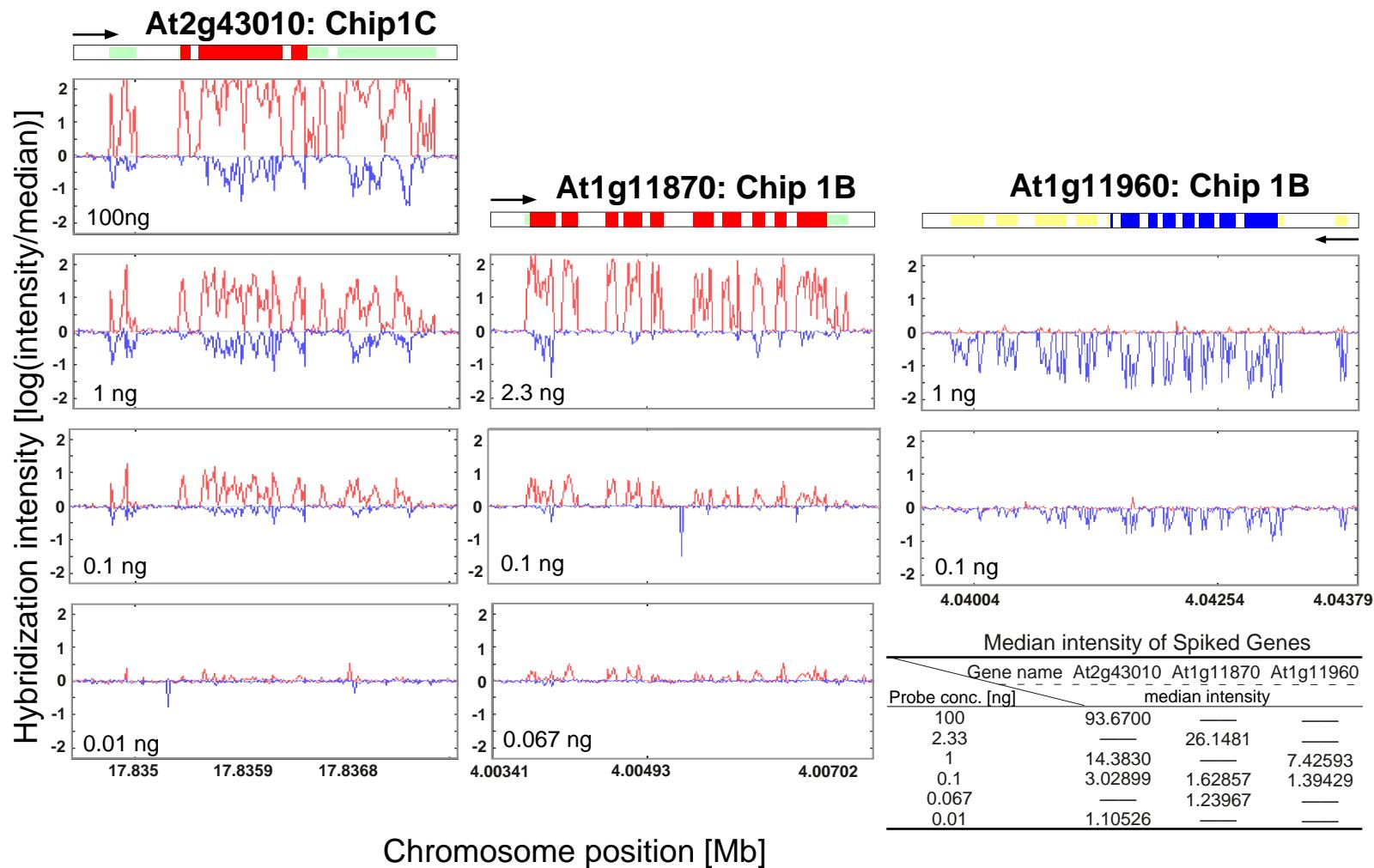


Fig S24

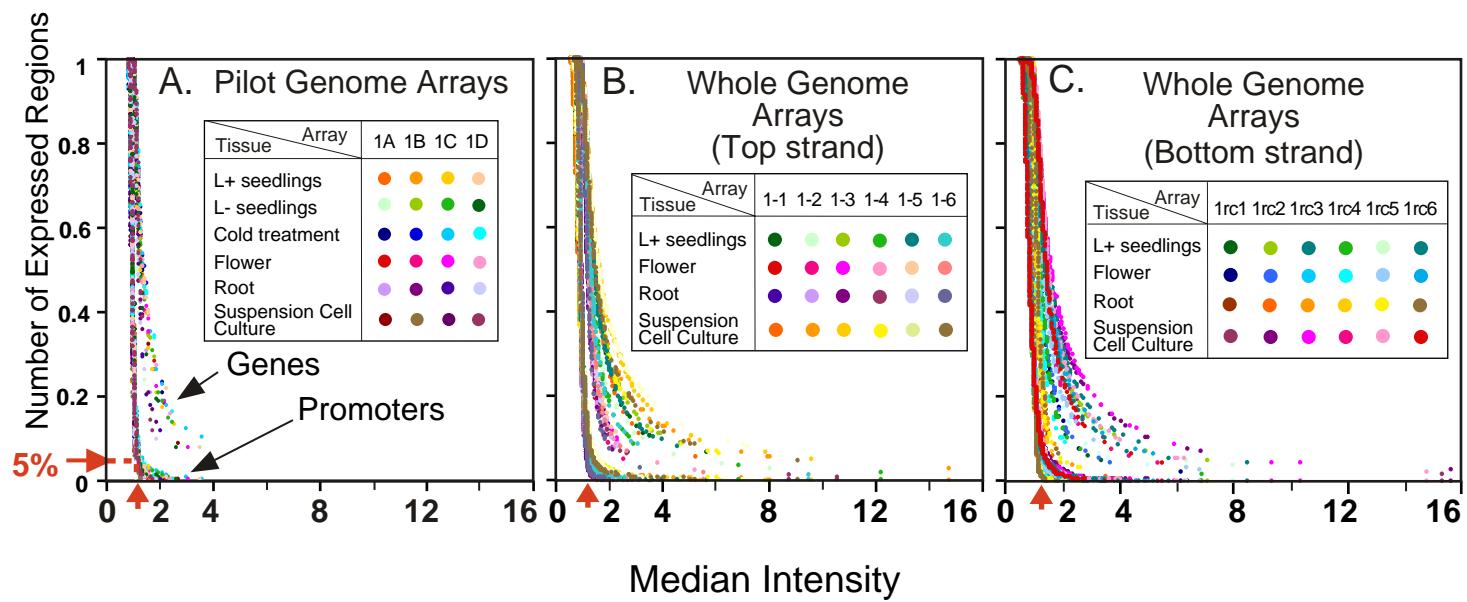


Fig S25

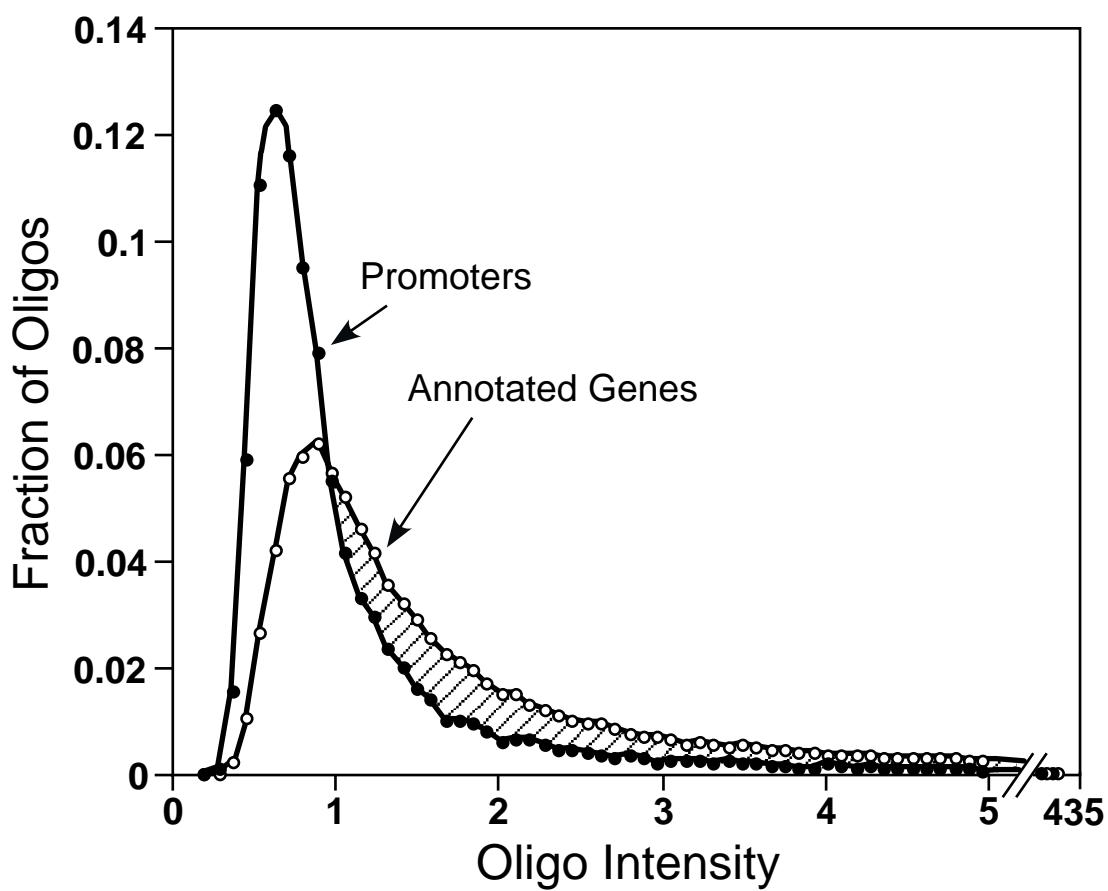


Fig S26

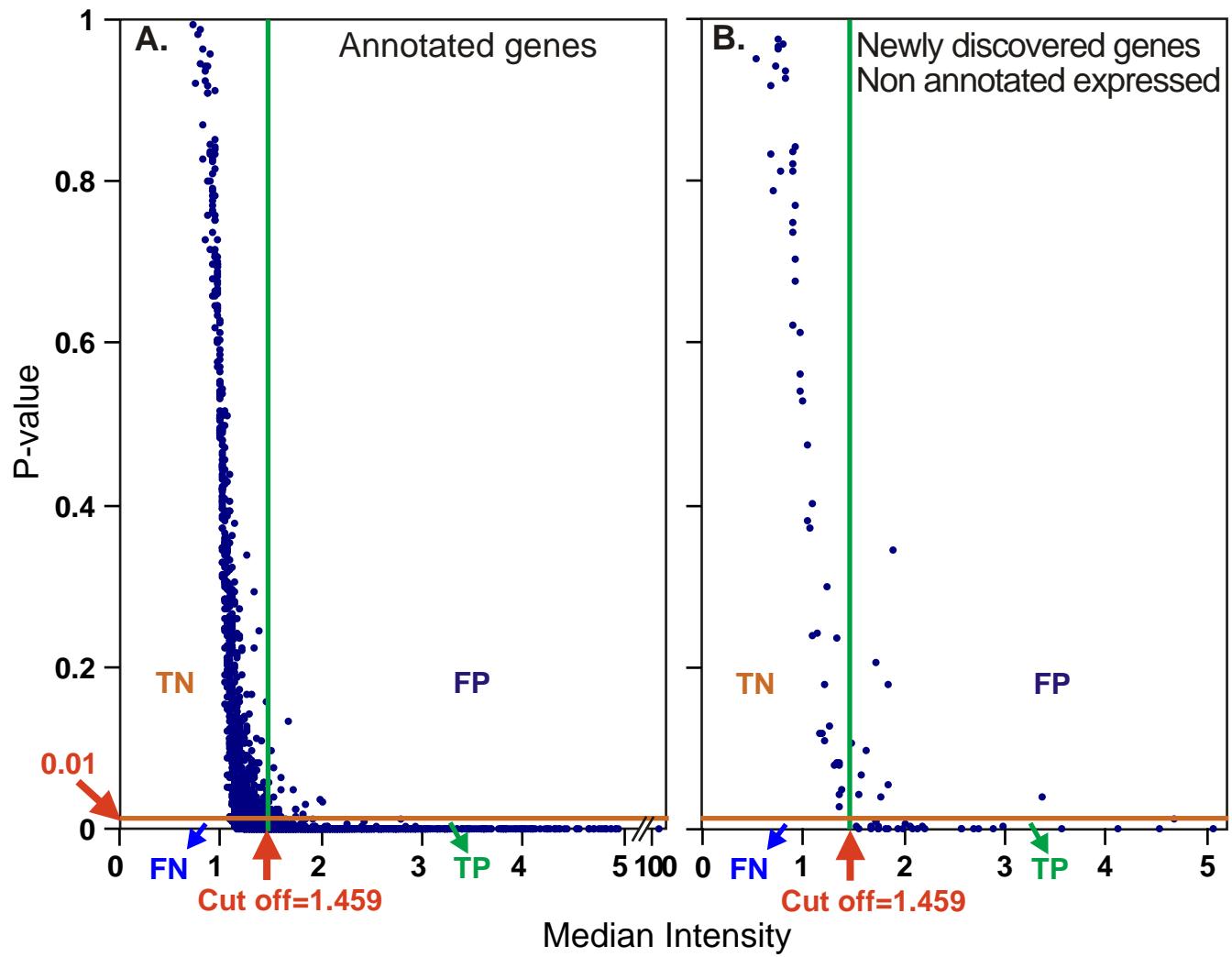


Fig S27

**Table S1 Isolation of ORFs by RT-PCR using Chip hybridization data**

Class of Genes	Attempted	Positive RT-PCR	Chip Clones (C)	
			w/ ORF	w/o ORF*
<b>Annotated Expressed</b>				
w/ Intron	67	55	28	27
w/o Intron	16	13	12	1
<b>Annotated Non-expressed</b>				
w/ Intron	97	71	34	37
w/o Intron	35	29	22	7
Total	215	168	96	72

\* Stop in ORF

**Table S2. Classes and Number of cDNAs Mapped on the *Arabidopsis* Genome**

Class of cDNA	Number of cDNAs		
<b>A. <i>Arabidopsis</i></b>			
Community Full Length (CFL)	2,325		
Ceres	5,000		
ESTs	113,101		
RAFLs, 3' and 5'	61,172		
R	13,619		
U	8,841		
C	954		
<b>B. Non <i>Arabidopsis</i></b>			
	EST	Proteins	mRNAs
<i>Brassica</i>	8,000	2,656	896
Rice	126,314	24,544	1,832
Wheat	415,592	2,185	715

**Table S3. Values of Sensitivity and Specificity for the Pilot Genome Arrays**

Tissue	Array 1A		Array 1B		Array 1C		Array 1D	
	sensitivity	specificity	sensitivity	specificity	sensitivity	specificity	sensitivity	specificity
L+	0.835	0.975	0.833	0.974	0.664	0.988	0.757	0.990
L-	0.747	0.982	0.861	0.971	0.774	0.990	0.728	0.983
L+, cold treated	0.833	0.986	0.773	0.984	0.656	0.989	0.764	0.979
Flower	0.916	0.964	0.823	0.976	0.814	0.987	0.790	0.990
Root	0.876	0.969	0.914	0.974	0.765	0.985	0.702	0.989
Suspension cell culture	0.862	0.983	0.923	0.976	0.703	0.990	0.756	0.986

**Table S4. Values of sensitivity and specificity for the whole genome arrays**

Tissue	sensitivity	specificity	sensitivity	specificity	sensitivity	specificity
<i>A. Top Strand</i>						
L+	0.759	0.954	0.821	0.921	0.799	0.946
Flower	0.796	0.921	0.870	0.887	0.850	0.935
Root	0.851	0.913	0.859	0.899	0.858	0.910
Suspension cell culture	0.822	0.950	0.810	0.951	0.840	0.952
<i>B. Bottom Strand</i>						
L+	0.796	0.939	0.709	0.959	0.800	0.958
Flower	0.799	0.936	0.705	0.941	0.822	0.953
Root	0.770	0.893	0.779	0.897	0.824	0.930
Suspension cell culture	0.791	0.955	0.710	0.959	0.805	0.967

Tissue	sensitivity	specificity	sensitivity	specificity	sensitivity	specificity
<i>A. Top Strand</i>						
L+	0.753	0.959	0.743	0.952	0.784	0.921
Flower	0.780	0.940	0.823	0.938	0.780	0.928
Root	0.815	0.929	0.846	0.943	0.840	0.911
Suspension cell culture	0.732	0.974	0.759	0.962	0.828	0.933
<i>B. Bottom Strand</i>						
L+	0.940	0.904	0.734	0.961	0.752	0.953
Flower	0.742	0.946	0.822	0.946	0.812	0.959
Root	0.786	0.905	0.806	0.908	0.837	0.903
Suspension cell culture	0.751	0.953	0.795	0.958	0.767	0.944

## **Supplemental Notes and References**

1. A. Ferrando, R. Farris, J. Jasik, J. Schell, C. Koncz, *Plant J.* **22**, 553 (2000).
2. B. Ewing, L. Hillier, M. C. Wendl, P. Green, *Genome Res.* **8**, 175 (1998).
3. B. Ewing, P. Green, *Genome Res.* **8**, 186 (1998).
4. D. Gordon, C. Abajian, P. Green, *Genome Res.* **8**, 195 (1998).
5. S. F. Altschul, W. Gish, W. Miller, E. W. Myers, D. J. Lipman, *J. Mol. Biol.* **215**, 403 (1990).
6. P. Carninci, Y. Hayashizaki, *Methods Enzymol.* **303**, 19 (1999).
7. B. Schunck, W. Kraft, U. Truyen, *J. Virol. Meth.* **55**, 427 (1995).
8. Q. H. Liu, M. Z. Li, D. Leibham, D. Cortez, S. J. Elledge, *Curr. Biol.* **8**, 1300 (1998).
9. J. Shine, L. Delgarno, *Proc. Natl. Acad. Sci. USA* **71**, 1342 (1974).
10. M. Kozak, *Nucl. Acids Res.* **12**, 857 (1984).
11. U. K. Laemmli, *Nature* **227**, 680 (1970).
12. L. Florea, G. Hartzell, Z. Zhang, G. M. Rubin, W. Miller, *Genome Res.* **8**, 967 (1998).
13. A. K. Jain, M. N. Murty, P. J. Flynn, *ACM Computing Surveys* **31**, 264 (1999).
14. *Arabidopsis* Genome Initiative, *Nature* **408**, 796 (2000).
15. W. J. Ewens, G. R. Grant, *Statistical Methods in Bioinformatics* (Springer Verlag, New York, 2001).

16. A. C. A. Hope, *J. Roy. Stat. Soc., series B*, **30**, 582 (1968).
17. F. H. C. Marriot, *Applied Statistics* **28**, 75 (1979).
18. The non alignment of some ESTs and cDNAs on the genome is due to (a) bad sequencing quality; (b) the genome may be missing; or (c) the clones contain mitochondria or *E. coli* DNA, cloning vector DNA, or DNA of other organisms.
19. M. Seki et al., *Science* **296**, 141 (2002).

**Table S5 Genes detected by the WGAs using the four mRNA samples**

#	Gene	#	Gene	#	Gene	#	Gene
1	At1g01010	44	At1g01550	87	At1g02065	130	At1g02680
2	At1g01020	45	At1g01560	88	At1g02070	131	At1g02690
3	At1g01030	46	At1g01570	89	At1g02080	132	At1g02710
4	At1g01050	47	At1g01580	90	At1g02100	133	At1g02720
5	At1g01060	48	At1g01600	91	At1g02110	134	At1g02730
6	At1g01070	49	At1g01610	92	At1g02120	135	At1g02750
7	At1g01080	50	At1g01620	93	At1g02130	136	At1g02770
8	At1g01090	51	At1g01630	94	At1g02140	137	At1g02780
9	At1g01110	52	At1g01640	95	At1g02150	138	At1g02790
10	At1g01120	53	At1g01650	96	At1g02160	139	At1g02800
11	At1g01130	54	At1g01710	97	At1g02170	140	At1g02810
12	At1g01140	55	At1g01720	98	At1g02180	141	At1g02813
13	At1g01160	56	At1g01725	99	At1g02190	142	At1g02816
14	At1g01170	57	At1g01730	100	At1g02200	143	At1g02820
15	At1g01180	58	At1g01740	101	At1g02205	144	At1g02850
16	At1g01190	59	At1g01750	102	At1g02220	145	At1g02860
17	At1g01200	60	At1g01760	103	At1g02260	146	At1g02870
18	At1g01210	61	At1g01770	104	At1g02270	147	At1g02880
19	At1g01220	62	At1g01780	105	At1g02280	148	At1g02890
20	At1g01225	63	At1g01790	106	At1g02305	149	At1g02900
21	At1g01230	64	At1g01800	107	At1g02310	150	At1g02910
22	At1g01240	65	At1g01810	108	At1g02330	151	At1g02920
23	At1g01250	66	At1g01820	109	At1g02340	152	At1g02930
24	At1g01260	67	At1g01830	110	At1g02350	153	At1g03000
25	At1g01290	68	At1g01840	111	At1g02360	154	At1g03030
26	At1g01300	69	At1g01860	112	At1g02370	155	At1g03040
27	At1g01310	70	At1g01900	113	At1g02380	156	At1g03050
28	At1g01320	71	At1g01910	114	At1g02390	157	At1g03070
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30	At1g01350	73	At1g01930	116	At1g02405	159	At1g03110
31	At1g01360	74	At1g01940	117	At1g02410	160	At1g03120
32	At1g01370	75	At1g01950	118	At1g02450	161	At1g03130
33	At1g01390	76	At1g01960	119	At1g02470	162	At1g03140
34	At1g01400	77	At1g01970	120	At1g02475	163	At1g03150
35	At1g01420	78	At1g01980	121	At1g02490	164	At1g03160
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38	At1g01470	81	At1g02010	124	At1g02560	167	At1g03190
39	At1g01480	82	At1g02020	125	At1g02570	168	At1g03200
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175	At1g03320	221	At1g04050	267	At1g04630	313	At1g05200
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178	At1g03360	224	At1g04100	270	At1g04670	316	At1g05220
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369	At1g05850	415	At1g06430	461	At1g07020	507	At1g07600
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376	At1g05940	422	At1g06540	468	At1g07110	514	At1g07700
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387	At1g06080	433	At1g06680	479	At1g07230	525	At1g07810
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396	At1g06210	442	At1g06790	488	At1g07340	534	At1g07930
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**Table S6.** GenBank accession numbers.

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