



## Chicken oligo annotation / Version 4

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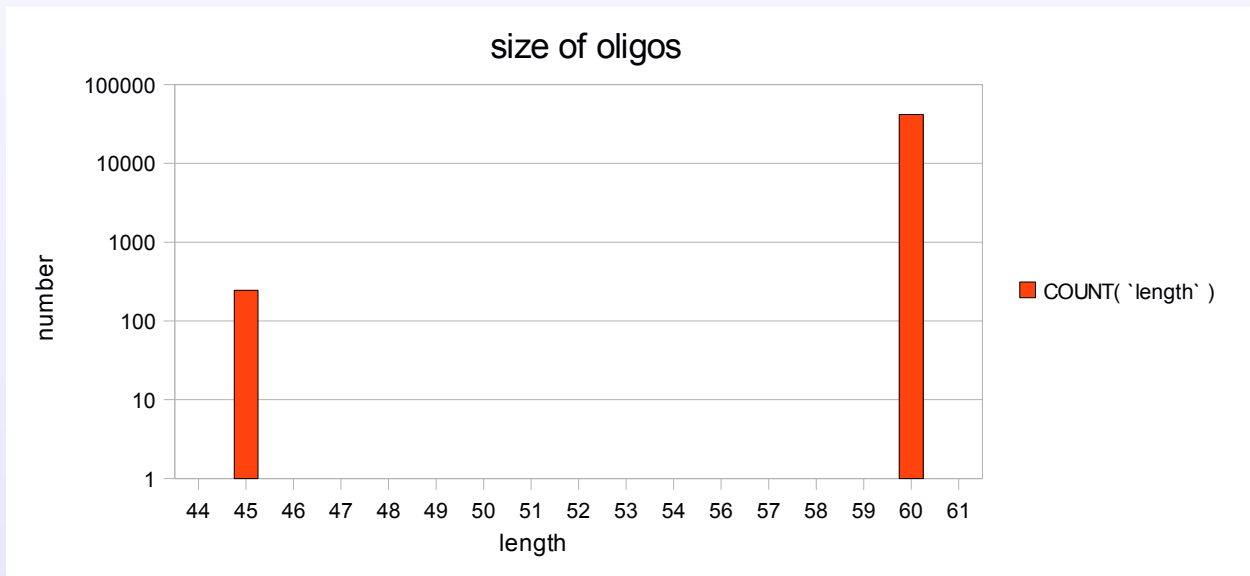
### Oligo-Set reference :

manufacturer : [agilent](#)  
part number : [G2519F](#)  
release date : [09/13/2006](#)  
design ID number : [015068](#)  
format : [44k](#)

Organism: [chicken](#)

Number of Oligo : [42034](#)

## Length of oligos.



## Sequences on which oligos have been designed:

Built using Agilent's proprietary 60-mer SurePrint technology.

ID GEO:

GPL4993

ID ArrayExpress:

## Annotation information

Genome assembly :

Gene build

Ensembl version

WASHUC2, May 2006

Ensembl, Aug 2006

54, May 2009





## Specificity analysis

The oligos have been aligned against the transcripts of the species or reference species. The alignment matches are shared between : hit = more than 85% of identity of the oligo length and noise = no hit but more than 20 bp without mismatch : Zhili He's & all 2005

### oligo classification

#### No hit > 85%

-No noise	21 124
-1 noise <20 bp	352 (*)
-1 noise >20 bp	204 (*)
-Many noise	287

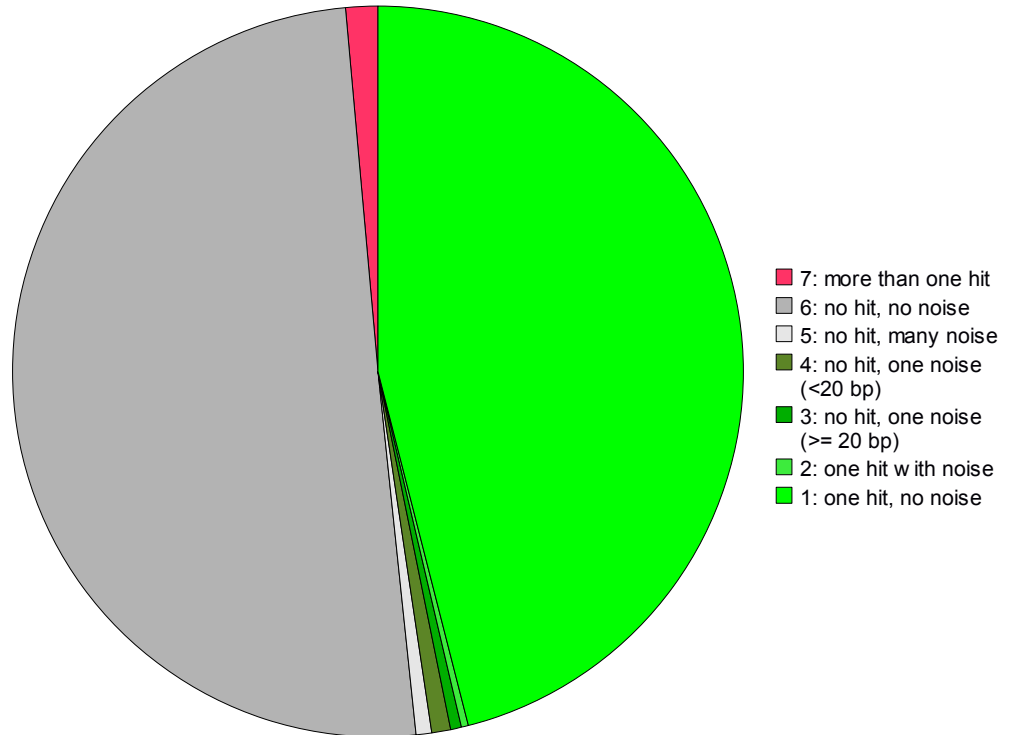
#### 1 hit > 85%

-No noise	19 343 (*)
-With noise	128 (*)

#### More than 1 hit

-With & without noise	596
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(\*): can be annotated.  
Total: 20 027



## Gene coverage

The oligos which can be linked to a gene correspond to 11 517 different genes.

## Probes annotated with orthologous Ensembl genes and Gene Ontology

Human	16 200	GO Molecular Function :	13 055
Mouse	16 113	GO Biological Process :	11 616
Rat	14 843	GO Cellular Component :	12 478

## Probes having external reference link

Uniprot/SWISSPROT	2 145
UniGene	13 467
RefSeq_peptide	5 042

