



Chicken oligo annotation / Version 5

Oct 27th, 2009 / sigenasupport@jouy.inra.fr

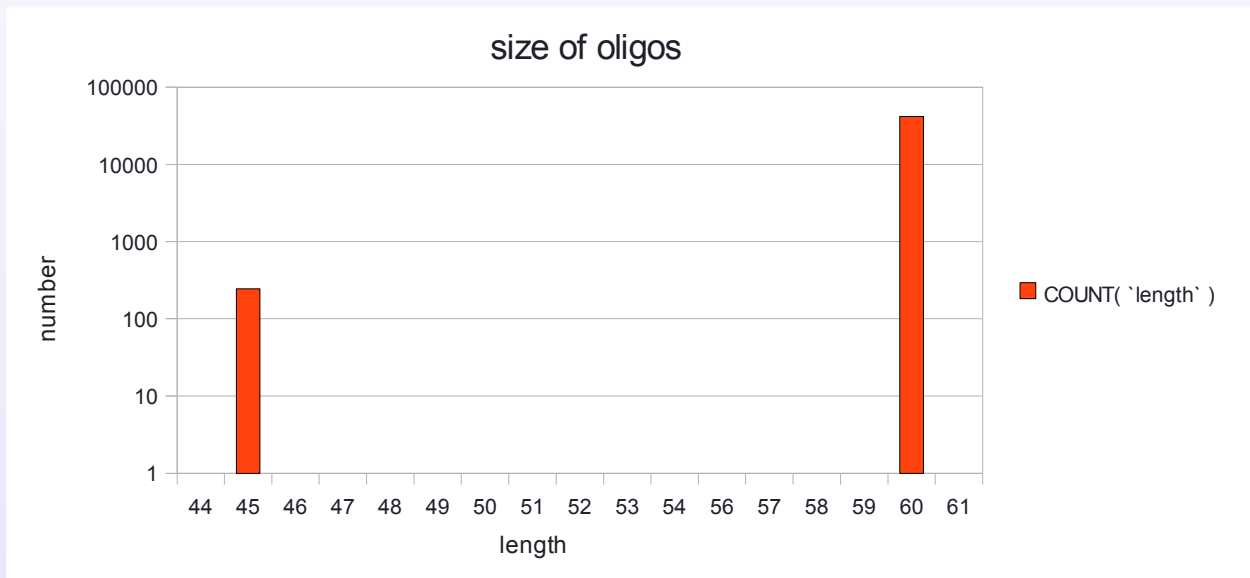
Oligo-set reference :

manufacturer : agilent
part number : G2519F
release date : 09/13/2006
design ID : 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
56, October 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 30 bp without mismatch : Zhili He's & all 2005

oligo classification

No hit > 75%

-No noise	21124
-1 noise <30 bp	352 (*)
-1 noise >30 bp	204 (*)
-Many noise	287

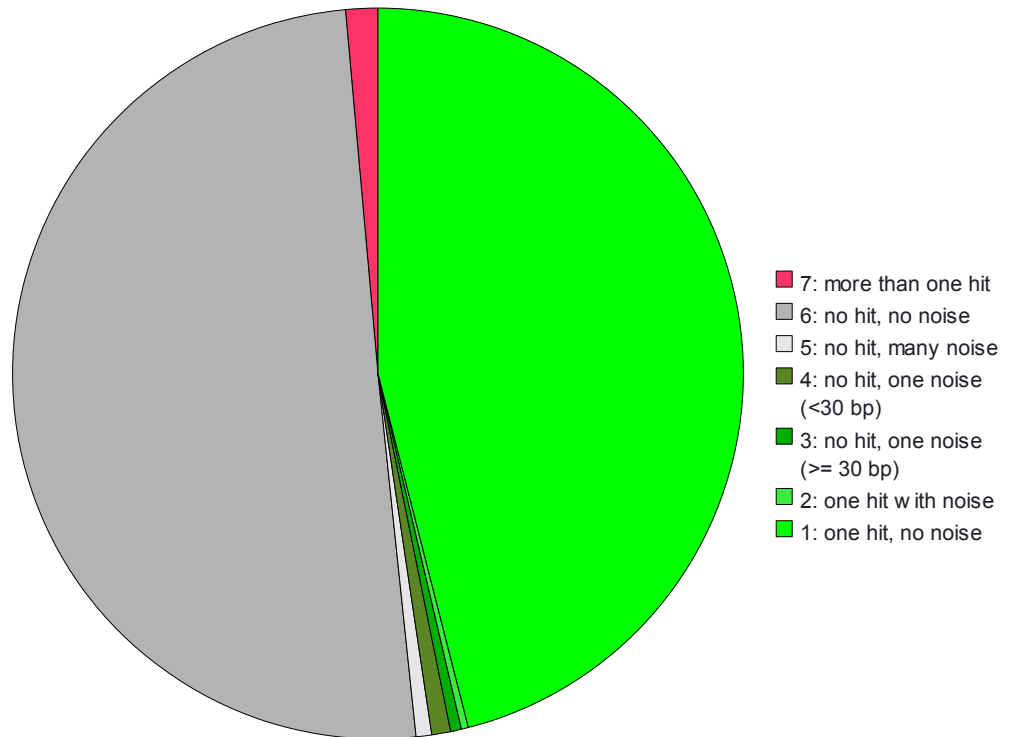
1 hit > 75%

-No noise	19343 (*)
-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	16 270	GO Molecular Function :	15 107
Mouse	16 193	GO Biological Process :	12 668
Rat	15 150	GO Cellular Component :	11 914

Probes having external reference link

Uniprot/SWISSPROT	16 606
UniGene	17 862
RefSeq_peptide	16 886
HGNC	16 070

