

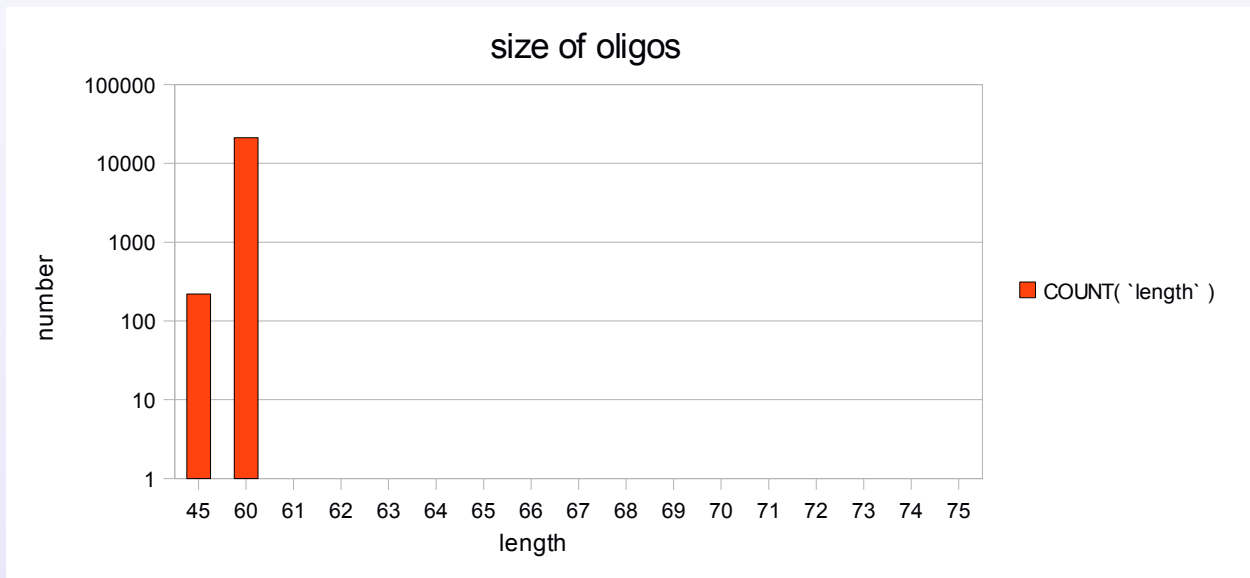


Cow oligo annotation / Version 3

Mar 18th, 2009 / sigenasupport@jouy.inra.fr

Oligo-Set name :
Design date :
Organism:
Number of Oligo : 21475

Length of oligos.



Sequences on which oligos have been designed:

ID GEO:

Annotation information

ID ArrayExpress:

Genome assembly :
Gene build
Ensembl version

Btau_4.0, July 2008
Ensembl, Aug 2006
52, Dec 2008





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	9216
-1 noise <30 bp	488(*)
-1 noise >30 bp	402(*)
-Many noise	163

1 hit > 75%

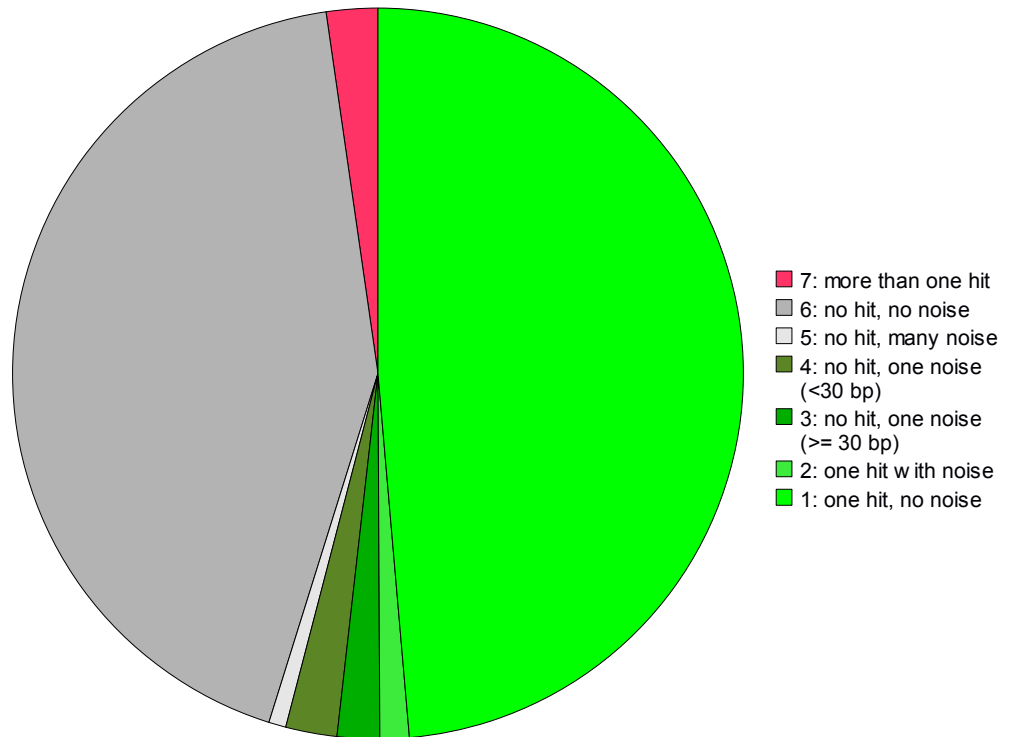
-No noise	10443(*)
-With noise	276(*)

More than 1 hit

-With & without noise 487

(*): can be annotated.

Total:11609



Gene coverage

The oligos which can be linked to a gene correspond to 10722 different genes.

Probes annotated with orthologous Ensembl genes and Gene Ontology

Human	9 747
Mouse	9 553
Rat	8 796

GO Molecular Function :	8 856
GO Biological Process :	7 751
GO Cellular Component :	7 794

Probes having external reference link

Uniprot/SWISSPROT	4 074
UniGene	9 066
RefSeq_peptide	7 006

