



## Sheep oligo annotation / Version 3

Mar 18th, 2009 / [sigenasupport@jouy.inra.fr](mailto:sigenasupport@jouy.inra.fr)

Oligo-Set name :  
 Design date :  
 Organism:  
 Number of Oligo : 15008

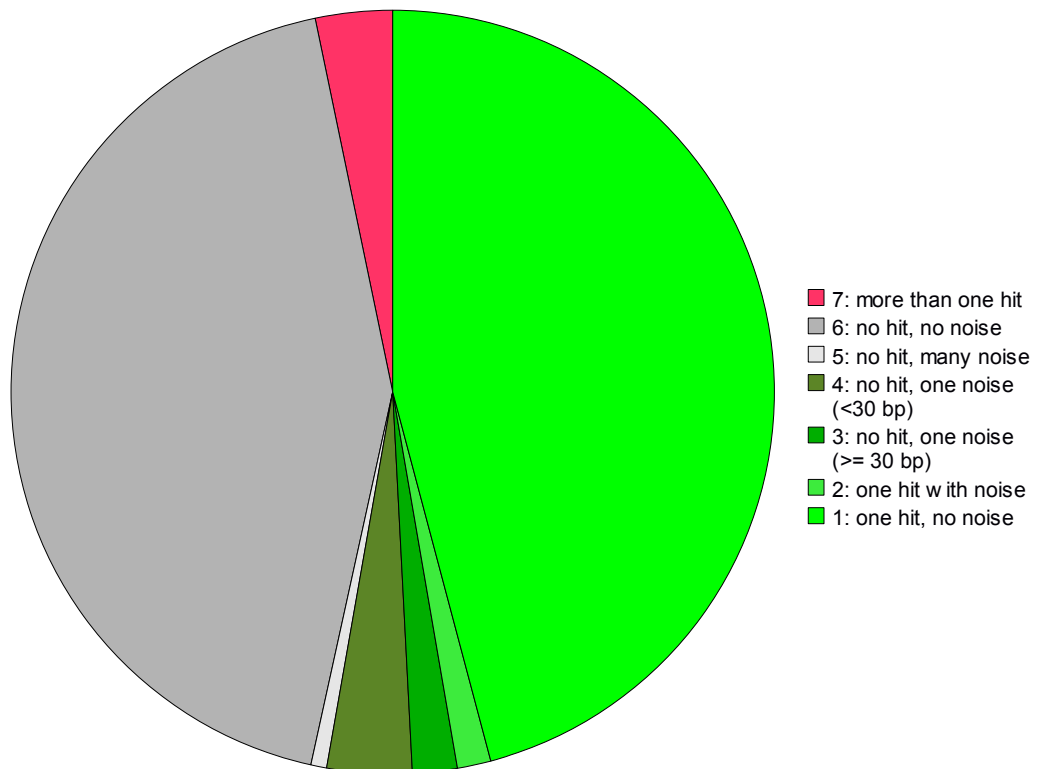
Oligo length: 60 bp

Sequences on which oligos have been designed:

### 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 6499  
 -1 noise <30 bp 539(\*)  
 -1 noise >30 bp 285 (\*)  
 -Many noise 100

#### 1 hit > 75%

-No noise 6883 (\*)  
 -With noise 213 (\*)

#### More than 1 hit

-With & without noise 489

(\*): can be annotated.

Total:7920



ID GEO:

Annotation information

ID ArrayExpress:

Genome assembly :	Btau_4.0, July 2008
Gene build	Ensembl, Aug 2006
Ensembl version	52, Dec 2008

## Gene coverage

The oligos which can be linked to a gene correspond to 6290 different genes.

## Probes annotated with orthologous Ensembl genes and Gene Ontology

Human	6 886	GO Molecular Function :	6 311
Mouse	6 814	GO Biological Process :	5 452
Rat	6 225	GO Cellular Component :	5 663

## Probes having external reference link

Uniprot/SWISSPROT	3 576
UniGene	6 742
RefSeq_peptide	5 812

