



Pig oligo annotation / Version 3

Apr 2th, 2009 / sigenasupport@jouy.inra.fr

Oligo-Set name :
Design date :
Organism:
Number of Oligo : 43603

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

No hit > 75%

-No noise 33 722
-1 noise <30 bp 1 975(*)
-1 noise >30 bp 458(*)
-Many noise 493

1 hit > 75%

-No noise 6 211 (*)
-With noise 262 (*)

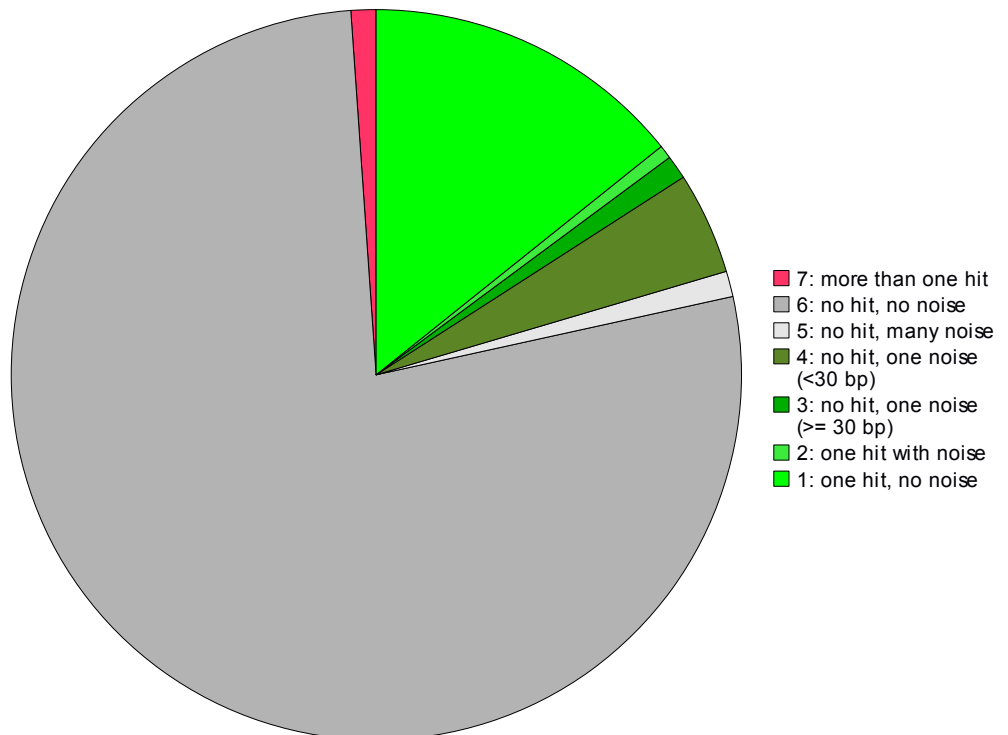
More than 1 hit

-With & without noise 482

(*): can be annotated.

Total: 8 906

oligo classification





ID GEO:

Annotation information

ID ArrayExpress:

Genome assembly :	Human NCBI 36
Gene build	Ensembl, Aug 2006
Ensembl version	52, Dec 2008

Gene coverage

The oligos which can be linked to a gene correspond to 5 983 different genes.

Probes annotated with orthologous Ensembl genes and Gene Ontology

Human	0	GO Molecular Function :	7 722
Mouse	8 023	GO Biological Process :	7 302
Rat	7 344	GO Cellular Component :	7 763

Probes having external reference link

Uniprot/SWISSPROT	8 738
UniGene	7 619
RefSeq_peptide	8 733
HGNC	8 652

