



Horse 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 9 455
-1 noise <30 bp 203(*)
-1 noise >30 bp 130(*)
-Many noise 140

1 hit > 75%

-No noise 30 170 (*)
-With noise 1 453 (*)

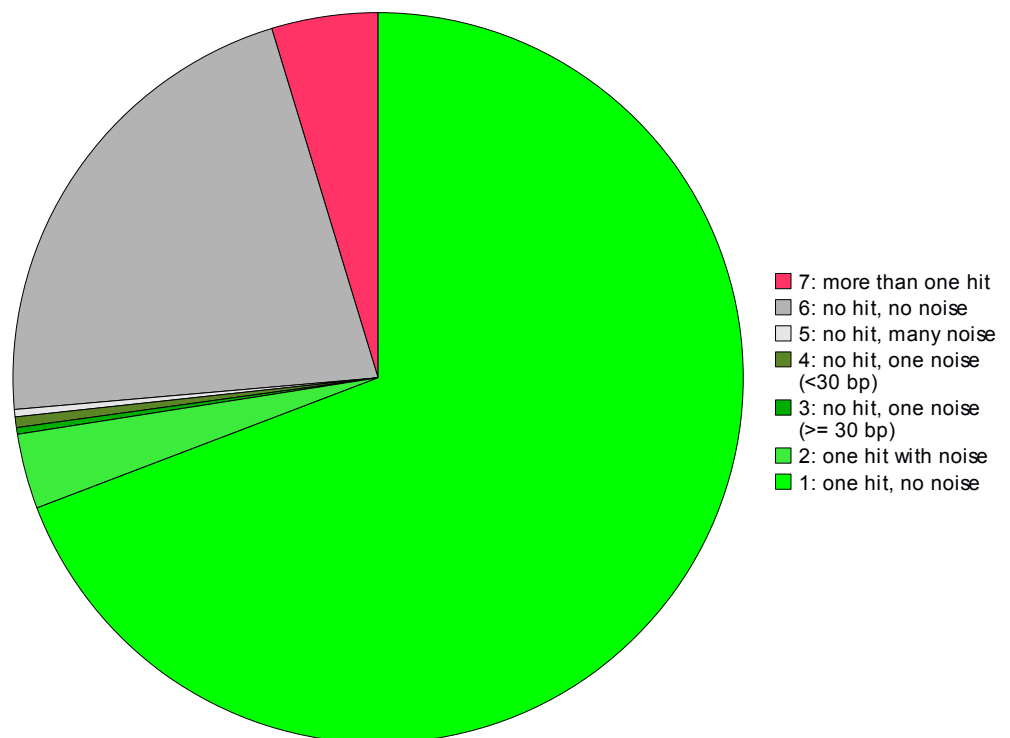
More than 1 hit

-With & without noise 2 052

(*): can be annotated.

Total:31 956

oligo classification





ID GEO:

Annotation information

ID ArrayExpress:

Genome assembly :	EquCab_2.52
Gene build	Ensembl, Aug 2006
Ensembl version	52, Dec 2008

Gene coverage

The oligos which can be linked to a gene correspond to 17 718 different genes.

Probes annotated with orthologous Ensembl genes and Gene Ontology

Human	26 595	GO Molecular Function :	24 394
Mouse	25 756	GO Biological Process :	22 354
Rat	23 793	GO Cellular Component :	24 085

Probes having external reference link

Uniprot/SWISSPROT	569
UniGene	8 618
RefSeq_peptide	541

