



Pig oligo annotation / Version 4

Jul 29th, 2009 / sigenasupport@jouy.inra.fr

Oligo-Set reference :

manufacturer : *agilent*
part number : *G2519F*
release date : *04/30/2008*
design ID number : *020109*
format : *44k*

Organism: *pig*
Number of Oligo : *43603*

Oligo length: 60 bp

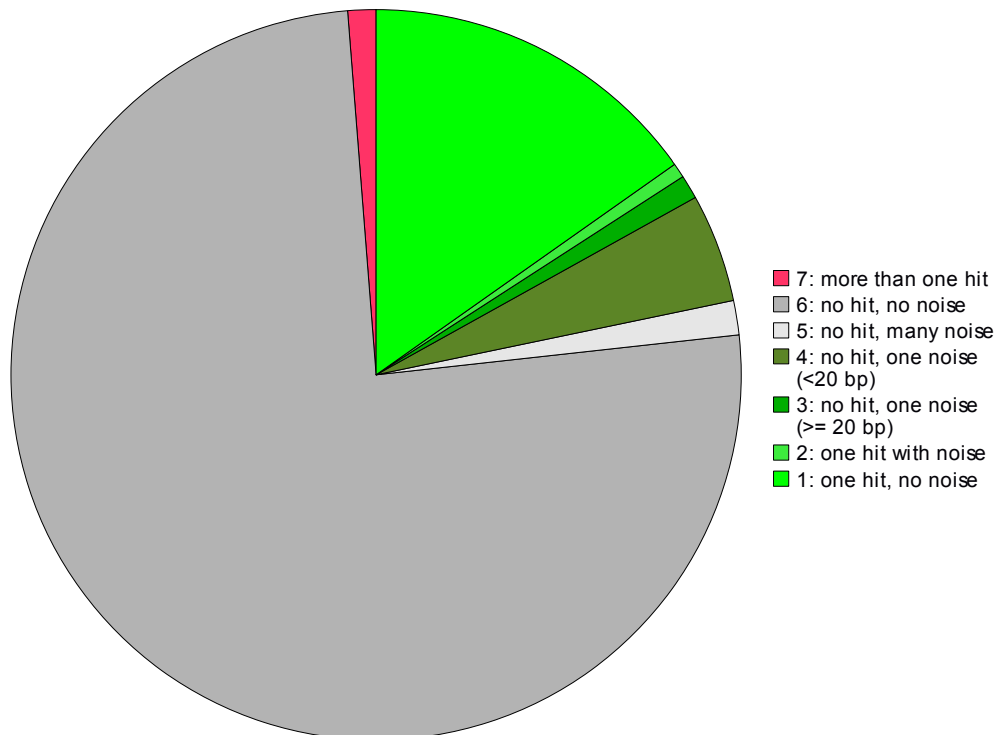
Sequences on which oligos have been designed:

Built using Agilent's proprietary 60-mer SurePrint technology.

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 20 bp without mismatch : Zhili He's & all 2005

oligo classification



No hit > 85%

-No noise 32 996
-1 noise <20 bp 2 104(*)
-1 noise >20 bp 464(*)
-Many noise 493

1 hit > 85%

-No noise 6 653 (*)
-With noise 279 (*)

More than 1 hit

-With & without noise 545

(*): can be annotated.

Total: 9 500



ID GEO:

Annotation information

ID ArrayExpress:

Genome assembly :	Human NCBI 36
Gene build	Ensembl, Aug 2006
Ensembl version	54, May 2009

Gene coverage

The oligos which can be linked to a gene correspond to 6 271 different genes.

Probes annotated with orthologous Ensembl genes and Gene Ontology

Human	0	GO Molecular Function :	8 199
Mouse	8 474	GO Biological Process :	7 733
Rat	7 827	GO Cellular Component :	8 145

Probes having external reference link

Uniprot/SWISSPROT	9 212
UniGene	8 055
RefSeq_peptide	9 221
HGNC	9 163

