



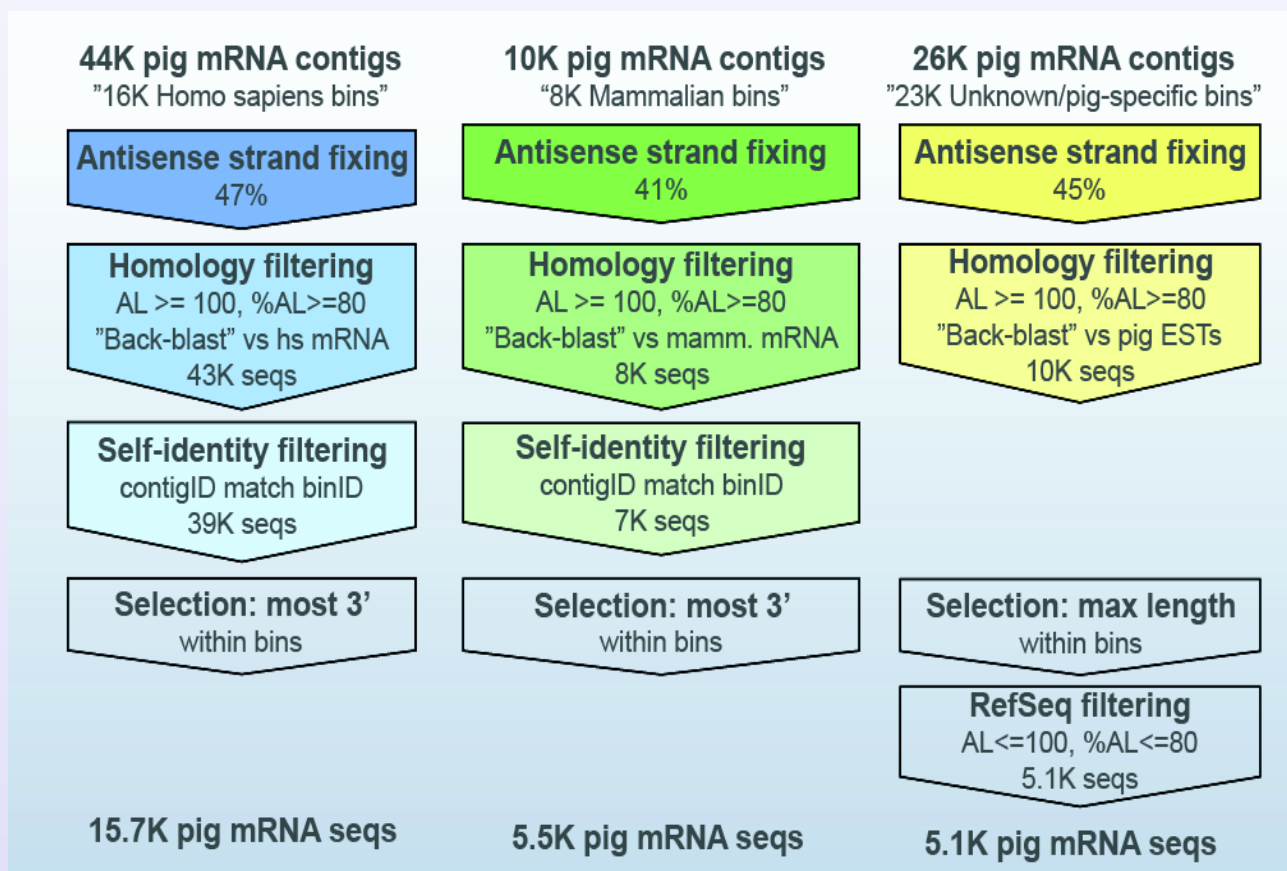
Pig oligo annotation/ Version 1

June 30th, 2008 / sigenasupport@jouy.inra.fr

Oligo-Set name : 25K Pig 70-mer oligonucleotide set
Creation date: 2003
Organism: Aarhus University
Number of oligos: 25 238

Oligo length : 70

Sequences on which oligos have been designed:



ID GEO:

GPL5972

ID ArrayExpress:

Annotation information

Genome assembly :
Gene build
Ensembl version

NCBI 36, Oct 2005
Ensembl, Dec 2006
49, March 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 75% of identity of the oligo length and noise = no hit but more than 15 bp without mismatch : Kane et al. 2000.

No hit > 75%

-No noise 690
 -One noise 1 307 (*)
 -Many noise 6 652

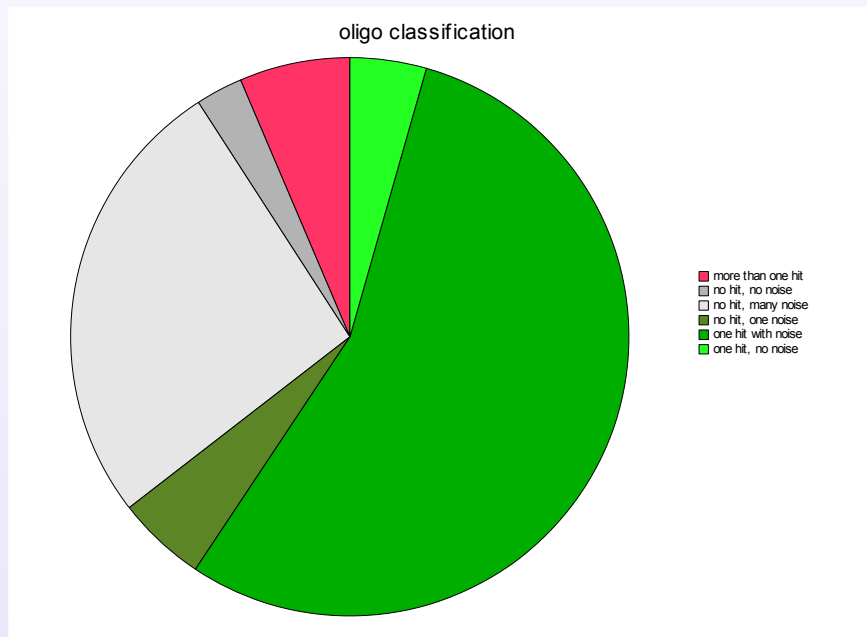
1 hit > 75%

-No noise 1 135 (*)
 -With noise 13 839(*)

More than 1 hit

-With & without noise:
 1 615

(*): can be annotated.
Total: 16 278 (green)



Gene coverage

The oligos which can be linked to a gene correspond to **11 936** different genes.

Probes annotated with orthologous Ensembl genes and Gene Ontology

Mouse	14 649	GO Molecular Function	13 791
Rat	13 508	GO Biological Process :	12 926
		GO Cellular Component	13 207

Probes having external reference link

Uniprot/SWISSPROT	14 217
UniGene	12 965
RefSeq_peptide	15 905
HGNC	15 499

