Automatic Classification

Manual Classification

MOG GO Terms

HPMR

TCDB

BRENDA

HGNC etc

Receptors
1,352 genes

Transporters
817 genes

Enzymes
533 genes

Miscellaneous
697 genes

Total
3,399 genes

IPI Human v3.39
69,731 sequences

TM prediction (Phobius TMHMM SOSUI)
13,208 sequences

Removal of splice variants (BLAT)
6,684 genes

Iterative Clustering (ISODATA)