

a User chooses the Data File to be loaded.

CLASS	S1	S2	S3	S4
TOX	TOX	TOX	TOX	TOX
C/C	C/C	C/C	C/C	C/C
G/G	G/G	G/G	G/G	G/G
T/T	T/T	C/T	C/T	C/C
G/G	G/G	G/G	A/G	A/G
T/T	T/T	C/T	C/C	C/C
T/T	C/T	C/T	C/T	C/T
A/A	A/A	A/A	A/A	A/A
C/C	C/T	C/T	C/T	C/T
A/A	A/G	A/G	G/G	G/G
G/G	G/G	G/G	G/G	G/G
A/A	A/G	A/G	G/G	G/G
C/C	C/T	C/T	T/T	T/T
T/T	C/T	C/T	C/C	C/C

b User selects the classes for each sample by clicking on data table.

c Allele frequencies for each probe are calculated and shown to the user

File	Statistics		%E	F	
A	Compute exhaustive Fisher's Test	%E		F	
	Compute specific Fisher's Test	%E		F	
probe_10	0.0	0.5	0.0	-0.5	0.0
probe_11	0.0	0.5	0.0	-0.5	0.0
probe_159	0.0	0.5	0.0	-0.5	0.0
probe_160	0.0	0.5	0.0	-0.5	0.0
probe_161	0.0	0.5	0.0	-0.5	0.0
probe_321	0.0	0.5	0.0	-0.5	0.0
probe_322	0.0	0.5	0.0	-0.5	0.0
probe_323	0.0	0.5	0.0	-0.5	0.0

Results are calculated

Probe Set ID: [am_10001](#)

	Healthy		Diseased	
c/c	6	3		
nocall	0	6		

Sort by Decreasing P-values
 Sort by Increasing P-values

Number of P-value: 32

d User selects the Statistical Test and may visualize distribution.

e Results are shown to the user. He may visualize annotations and links to external databases.

Annotations ...

Probe Set ID:	AM_10928
dbSNP RS ID:	rs187858
Chromosome:	16
Physical Position:	16162039
Strand:	+
ChrX pseudo-autosomal region 1:	0
Cytoband:	p13.11
Flank:	---
Allele A:	---
Allele B:	---
Associated Gene:	ENST00000345148

NCBI dbSNP Short Genetic Variations

Search:

All: 1 Cited in PubMed: 1 Clinical/SCB Submissions: 0 Human: 1

rs187858 (*Homo sapiens*)

GTGGCCCTGTGGACATTTGGCCCTTCA(C/T)GTGACCAATGGACGAACAACATCC

MAFMinorAlleleCount T=0.043486

HQVS Names [NC_000016.9.p.16162039C>+] AM_054866.3:c.1754C>T] AM_019888.3:c.1754C>T] AM_019882.2:c.1754C>T] NP_063853.2:p.Tyr568*] NP_063855.2:p.Tyr568*] NP_054687.2:p.Tyr568*] NP_063854.2:p.Tyr568*] NP_063815.2:p.Tyr568*]

