

Table 1. PCR-RLFP procedure for MDR1 gene polymorphisms.

Polymorphisms	Taille (pb)	Restriction enzymes	Genotype variants			RLFP conditions
			CC (pb)	CT (pb)	TT (pb)	
Exon 26 (C3435T)	207	DpnII	62 145	62 145 207	207	37°C for 1 h
Exon 12 (C1236T)	147	HaeIII	85 62	147 85 62	147	37°C for 1 h

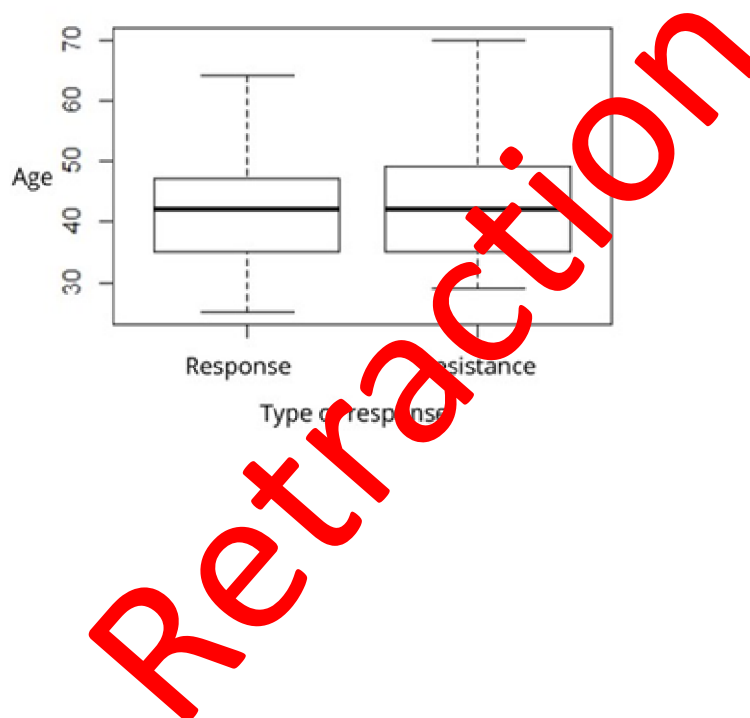


Figure 1. Boxplot of age distribution according to response of treatment and histological type.

Table 2. Frequency of histological types in the two sub-populations FAC and AC.

Histology	Overall percentage (%)	Protocol (%)		p-value
		AC	FAC	
IDC NOS	48.27	25.86	22.41	0.99
IDCS	22.41	12.07	10.34	
ILC	29.32	15.52	13.80	

Table 3. SBR grade frequencies in the FAC and AC sub-populations.

SBR	Overall percentage (%)	Protocol (%)		p-value
		AC	FAC	
SBR I	10.34	03.44	06.90	0.12
SBR II	62.07	37.93	24.14	
SBR III	27.59	12.07	15.52	

Table 4. Frequency of number of treatments according to the two protocols (AC and FAC).

Protocol	Number of courses of chemotherapy (%)				p-value
	3 cures	4 cures	5 cures	6 cures	
AC	19.35	48.38	12.92	19.35	0.0038
FAC	3.70	29.64	25.92	40.74	

Table 5. Genotypic and allelic frequencies of C1236T and C3435T.

Exons	SNP	Genotypes	Frequencies	P-value	Alleles	Frequencies	P-value	
12	C1236T	C/C	28.57%	0.001*	C	35.71%	0.000*	
		C/T	14.28%			T		64.29%
		T/T	57.15%					
26	C3435T	C/C	42.59%	0.10	C	67.18%		
		C/T	37.07%			T		32.82%
		T/T	20.34%					

Note: *Significant difference; C, T are the Alleles frequencies.

Table 6. Genotypic and allelic frequencies of C1236T by type of protocol.

Exon	Protocol	Genotypes			p-value	Alleles		p-value
		C/C	C/T	T/T		C	T	
12	FAC	14.28%	04.76%	80.96%	2.11e-7	16.66%	83.34%	0.00
	AC	39.28%	21.14%	39.58%		49.85%	50.15%	

Table 7. Genotypic and allelic frequencies of C3435T in all patients according to AC and FAC.

Exon	Protocol	Genotypes			p-value	Alleles		p-value
		C/C	C/T	T/T		C	T	
26	FAC	37.03%	37.03%	25.94%		55.56%	44.44%	0.17
	AC	48.14%	37.03%	14.83%		66.65%	33.35%	

