

Table 1: Correlation between ALDH1B1 expression and the studied Clinico-pathological Parameters

Clinico-pathological Parameter	NO of cases (50 cases)	ALDH1B1 expression			P value
		Weak IRS (7 cases)	Moderate IRS (31 cases)	Strong IRS (12 cases)	
Age					
≤50 years	17	3(17.65%)	11(64.70%)	5(29.41%)	0.895 (NS)
>50 years	33	4	10	7	
Sex					
Males	27	3(11.11%)	15(55.55%)	9(33.33%)	0.238 (NS)
Females	23	4(17.39%)	16(69.56%)	3(13.04%)	
Tumor size					
≤5 cm	21	3(14.58%)	17(80.95%)	1(04.76%)	0.021*
>5 cm	29	4(13.79%)	14(48.27%)	11(37.93%)	
Tumor location					
Right	19	3(15.79%)	11(57.89%)	5(26.31%)	0.895 (NS)
Left	31	4(12.90%)	20(64.52%)	7(22.58%)	
Tumor grade					
I	19	7(36.84%)	10(52.63%)	2(10.53%)	0.001*
II	25	0	19(76.00%)	6(24.00%)	
III	6	0	2(33.33%)	4(66.67%)	
Histologic type					
Conventional adenocarcinoma	34	6(17.65%)	20(58.82%)	8(23.54%)	0.412 (NS)
Mucinous carcinoma	12	0	8(66.67%)	4(33.33%)	
Signet ring carcinoma	4	1(25.00%)	3(75.00%)	0	
Depth of tumor invasion (T)					
T1	6	0	3(50.00%)	3(50.00%)	0.427 (NS)
T2	19	4(21.05%)	11(57.89%)	4(21.05%)	
T3	25	3(12.00%)	17(68.00%)	5(20.00%)	
Surgical resection margin					
Free	42	7(16.67%)	27(64.28%)	8(19.05%)	0.120 (NS)
Positive	8	0	4(50.00%)	4(50.00%)	
Lymph node status					
N0	23	4(17.39%)	13(56.52%)	6(26.09%)	0.038*
N1	14	1(07.14%)	13(92.86%)	0	
N2	13	2(15.38%)	5(38.46%)	6(46.15%)	
LVI					
Present	8	1(12.50%)	5(62.50%)	2(25%)	0.990 (NS)
Absent	42	6(14.28%)	26(61.90%)	10(23.81%)	

P- Value was calculated by Chi-square test, *=Significant, NS= Non-Significant

Table 2: Correlation between ALDH1B1 expression and age of the studied patients

Parameter	Age	
	r	P-value
ALDH1B1	0.096	0.507

r = Spearman's correlation coefficient