

Supplementary Table 1

(A)	c-MYC negative (IRS 0–1)		c-MYC positive (IRS ≥2)		<i>p</i> -value
	Overall n (%)				
	110 (100 %)		62 (56.4 %)		
p53					
Wildtype (WT)	24 (21.8 %)	15 (62.5%)	9 (37.5%)		0.493
Aberrant expression (aberrant)	86 (78.2 %)	47 (54.7%)	39 (45.3%)		
RB1					
Loss	74 (67.3%)	48 (64.9%)	26 (35.1%)		0.010
Retained expression	36 (32.7%)	14 (38.9%)	22 (61.1%)		
Combined p53/RB1 phenotype					
p53 WT/ RB1 retained	15 (13.6%)	7 (46.7%)	8 (53.3%)		0.021
p53 aberrant/ RB1 retained	21 (19.1%)	7 (33.3%)	14 (66.7%)		
p53 WT/ RB1 loss	9 (8.2%)	8 (88.9%)	1 (11.1%)		
p53 aberrant/ RB1 loss	65 (59.1%)	40 (61.5%)	25 (38.5%)		

(B)	c-MYC negative (IRS 0–1)		c-MYC weak (IRS 2-3)		c-MYC moderate (IRS 5-8)		c-MYC strong (IRS 9-12)		<i>p</i> -value
	Overall n (%)								
	110 (100 %)		62 (56.4 %)		14 (12.7 %)		6 (5.5 %)		
p53									
Wildtype (WT)	24 (21.8 %)	15 (62.5 %)	2 (8.3 %)	1 (4.2 %)	6 (21.4 %)	0.857			
Aberrant expression (aberrant)	86 (78.2 %)	47 (54.7 %)	12 (14.0 %)	5 (5.8 %)	22 (25.6 %)				
RB1									
Loss	74 (67.3%)	48 (64.9%)	11 (14.9 %)	2 (2.7 %)	13 (17.6 %)	0.006			
Retained expression	36 (32.7%)	14 (38.9%)	3 (8.3 %)	4 (11.1 %)	15 (41.7 %)				
Combined p53/RB1 phenotype									
p53 WT/ RB1 retained	15 (13.6%)	7 (46.7%)	1 (6.7 %)	1 (6.7 %)	6 (40.0 %)	0.063			
p53 aberrant/ RB1 retained	21 (19.1%)	7 (33.3%)	2 (9.5 %)	3 (50.0 %)	9 (42.9 %)				
p53 WT/ RB1 loss	9 (8.2%)	8 (88.9%)	1 (11.1 %)	0 (0.0 %)	0 (0.0 %)				
p53 aberrant/ RB1 loss	65 (59.1%)	40 (61.5%)	10 (15.4 %)	2 (33.3 %)	13 (20.0 %)				