

Online Supplementary Table 2: Distribution of NOTCH and HR mutations in smokers and non-smokers.

SMOKING STATUS	HR-/NOTCH- N (%)	HR+/NOTCH- N (%)	HR-/NOTCH+ N (%)	HR+/NOTCH+ N (%)
Rome cohort (N=35)				
Never	3 (60.0)	2 (40.0)	0	0
Current/Former	10 (33.3)	15 (50.0)	1 (3.3)	4 (13.3)
OAK/POPLAR (N=429, atezolizumab arm)				
Never	58 (75.3)	12 (15.6)	4 (5.2)	3 (3.9)
Current/Former	176 (50.0)	130 (36.9)	19 (5.4)	27 (7.7)
MSKCC PFS (N=240)				
Never	39 (83.0)	4 (8.5)	4 (8.5)	0
Current/Former	122 (63.2)	46 (23.8)	14 (7.3)	11 (5.7)