

**Table S3. Clinicopathological Features of Patients with RASA1 and NF1 Mutated Lung Cancer in MSKCC cohort.**

	<b>All</b>	<b>RASA1 + NF1</b>	<b>RASA1 only</b>	<b>NF1 only</b>
<b>Median age, y (range)</b>	68 (42-90)	69 (46-81)	71 (48-82)	68 (42-90)
<b>Age, n (%)</b>				
< 65 y	43 (37)	3 (19)	7 (37)	33 (41)
≥ 65 y	72 (63)	13 (81)	12 (63)	47 (59)
<b>Sex, n (%)</b>				
Male	50 (43)	8 (50)	11 (58)	31 (39)
Female	65 (57)	8 (50)	8 (42)	49 (61)
<b>Ethnicity, n (%)</b>				
Caucasian	97 (84)	13 (81)	18 (95)	66 (83)
Black	6 (5)	2 (13)	1 (5)	3 (4)
Asian	4 (3)	0 (0)	0 (0)	4 (5)
Other / NA	8 (7)	1 (6)	0 (0)	7 (9)
<b>Smoking History, n (%)</b>				
Total, smokers	106 (92)	10 (100)	17 (89)	73 (91)
Former smoker	81 (76)	8 (80)	14 (82)	56 (77)
Current smoker	25 (24)	2 (20)	3 (18)	17 (23)
Never smoker	9 (8)	0 (0)	2 (11)	7 (9)
<b>Pack Years, median (range)</b>	40 (1-163)	48 (21-100)	50 (4-75)	31 (1-163)
<b>Histologic Subtype, n (%)</b>				
Adenocarcinoma	73 (67)	5 (50)	3 (16)	65 (81)
Squamous cell carcinoma	22 (20)	4 (40)	12 (63)	6 (8)
Adenosquamous carcinoma	3 (3)	1 (10)	1 (5)	1 (1)
Sarcomatoid carcinoma	3 (3)	0 (0)	1 (5)	2 (3)
Large cell neuroendocrine carcinoma	2 (2)	0 (0)	1 (5)	1 (1)
NSLC, NOS	6 (6)	0 (0)	1 (5)	5 (6)
<b>Site Tested, n (%)</b>				
Primary	66 (57)	11 (69)	16 (84)	39 (49)
Metastatic	49 (43)	5 (31)	3 (16)	41 (51)
<b>Stage, n (%)</b>				
I	20 (17)	3 (19)	4 (21)	14 (18)
II	13 (11)	1 (6)	4 (21)	8 (10)
III	18 (16)	3 (19)	3 (16)	11 (14)
IV	64 (56)	9 (56)	8 (42)	47 (59)