

Supplemental Table 1. Summary of basic clinical and cytologic parameters of patients with *ALK* fusion identified on fine needle aspirates and without known thyroid surgery

Case #	Age, years	Sex	FNA diagnosis, BC	Nodule size by US, cm	Type of <i>ALK</i> Fusion
1	56	F	III	1.68	e6_EML4-e20_ALK
2	46	F	III	3.8	e13_EML4-e20_ALK
3	65	F	III	unknown	e13_EML4-e20_ALK
4	24	F	III	2.6	e6_EML4-e20_ALK
5	27	F	III	1.4	e6_EML4-e18_ALK
6	62	F	III	3.8	e6_EML4-e18_ALK
7	18	F	III	4.6	e3_STRN-e20_ALK
8	45	F	V	3.5	e3_STRN-e20_ALK
9	69	M	III	1.1	e3_STRN-e20_ALK
10	49	F	III	1	e3_STRN-e20_ALK
11	50	F	III	5.2	e29_ITSN2-e18_ALK
12	57	F	III	4.2	e7_PPP1R21-e20_ALK

F, female; M, male; FNA, fine needle aspirate; BC, Bethesda Category, US, ultrasound