

S6 Table. FPKM values of ALK, other common oncogenic pathways, and lung adenocarcinoma-related genes according to The Cancer Genome Atlas

Symbol	Cell lines					
	H3122	CR1	LR1	CH1	CR1LR1	CR1CH1
<i>ALK</i>	12.17	16.04	8.93	20.18	6.55	5.97
<i>EGFR</i>	17.04	22.89	9.58	10.79	15.14	17.95
<i>KRAS</i>	11.38	16.56	12.21	15.73	21.23	15.65
<i>BRAF</i>	4.95	6.08	4.11	3.13	4.00	2.80
<i>ERBB2</i>	17.70	31.18	28.54	20.54	22.99	15.48
<i>KIT</i>	0.23	0.37	0.92	0.75	0.75	0.63
<i>MET</i>	41.23	46.66	19.65	29.18	43.77	43.15
<i>MAP2K1</i>	14.63	22.11	16.96	31.92	34.09	35.34
<i>PIK3CA</i>	3.11	3.58	3.04	4.87	8.33	6.60
<i>TP53</i>	54.02	45.18	45.29	38.04	40.68	41.01
<i>STK11</i>	42.77	50.77	41.65	47.45	37.58	45.95
<i>KEAP1</i>	25.47	23.20	25.94	21.99	42.22	37.29
<i>NF1</i>	6.62	6.68	5.64	7.01	10.32	7.48
<i>SMARCA4</i>	79.57	87.30	79.25	60.40	79.75	60.12
<i>RBM10</i>	19.08	17.44	16.99	16.46	18.23	18.88
<i>RBI</i>	14.75	9.85	8.89	11.15	15.18	18.06
<i>U2AF1</i>	225.89	164.33	167.45	130.37	229.07	233.62
<i>RIT1</i>	9.07	24.83	15.54	19.71	14.78	16.55
<i>CDKN2A</i>	0.06	0.39	0.00	0.07	0.67	0.12
<i>SETD2</i>	13.27	12.48	13.51	11.21	12.92	10.42
<i>ARID1A</i>	29.64	21.44	33.14	19.18	42.77	33.71
<i>MGA</i>	4.19	3.83	3.69	3.96	5.01	4.17

Genes with FPKM values of 0 were included for reference. FPKM, fragments per kilobase of transcript per million fragments mapped; ALK, anaplastic lymphoma kinase.