

**Supplementary Table 2: Co-existing *PIK3CA* and *KRAS* mutations.**

Type of cancer	Patients tested for <i>PIK3CA</i> and <i>KRAS</i>	<i>PIK3CA</i> and <i>KRAS</i> mutations (% in subgroup)	<i>PIK3CA</i> mutation and wild-type <i>KRAS</i> (% in subgroup)	<i>PIK3CA</i> wild-type and <i>KRAS</i> mutation (% in subgroup)	<i>PIK3CA</i> and <i>KRAS</i> wild-type (% in subgroup)	P value
<b>All tumor types</b>	717	31 (4)	55 (8)	106 (15)	525 (73)	<0.001
<b>Colorectal cancer</b>	176	22 (12.5)	9 (5)	63 (36)	82 (46.5)	0.006 <sup>a</sup>
<b>Ovarian cancer</b>	85	4 (5)	6 (7)	4 (5)	71 (83)	0.006 <sup>a</sup>
<b>Endometrial cancer</b>	34	3 (9)	7 (20)	3 (9)	21 (62)	0.33
<b>Pancreatic cancer</b>	21	1 (5)	0 (0)	12 (57)	8 (38)	NA <sup>b</sup>
<b>Appendiceal cancer</b>	5	1 (20)	0 (0)	3 (60)	1 (20)	NA <sup>b</sup>

<sup>a</sup> *PIK3CA* mutations were associated with *KRAS* mutations in colorectal and ovarian cancers.

<sup>b</sup> Low numbers preclude statistical analysis