

Supplementary Table 1: Mutational Status for Arm 1. Abbreviations: colorectal cancer (CRC); head and neck squamous cell carcinoma (HNSCC); Time on Study (TOS).

Mutational Status for Arm 1					
<i>PIK3CA</i> -Mutant					
Dose Cohort	Patient	Tumor Type	Mutation	TOS by Patient (Days)	Mean TOS (Days, Range)
2 mg	3-005	Ovarian	G1624A, G1633A	57	58 (45-68)
3 mg	5-005	Colorectal	A3140G	57	
6 mg	5-010	Prostate	G1633A	57	
10 mg	3-016	Head and neck squamous cell	G1633A	57	
12 mg	3-030	Salivary duct	G1633A, A3140G	68	
	5-021	Pancreatic islet cell	A3140G	65	
<i>PIK3CA</i> -WT3					
0.5 mg	3-001	Anaplastic thyroid	N/A	148;	76 (15-236)
	5-001	Head and neck squamous cell		110;	
	3-002	Follicular thyroid		32	
2 mg	5-004	Renal cell	N/A	29	
4.5 mg	5-006	Adenocystic	N/A	236	
6 mg	5-009	Uterine leiomyosarcoma	N/A	71	
	3-011	Ovarian		44	
	5-011	Non-small cell lung		170	
8 mg	5-012	Breast	N/A	30	
10 mg	3-017	Renal	N/A	58	

	3-015	Gastrointestinal stromal tumor		57	
12 mg	5-017	Head and neck squamous cell	N/A	61	
	5-015	Head and neck squamous cell		15	
	5-024	Breast		51	
16 mg	5-020	Head and neck squamous cell	N/A	66	
	3-019	Colorectal		32	
KRAS-Mutant					
8 mg	5-013	Colorectal	codon 13 (GGC-GAC)	52	63 (52-73)
10 mg	5-014	Colorectal	codon 12 (GGT-GTT)	73	
PIK3CA + KRAS-Mutant					
8 mg	3-014	Ovarian	G1624A, codon 12 (GGT-CGT)	15	105 (15-194)
12 mg	3-021	Chondrosarcoma	G1633A, codon 13 (GGC-GAC)	194	