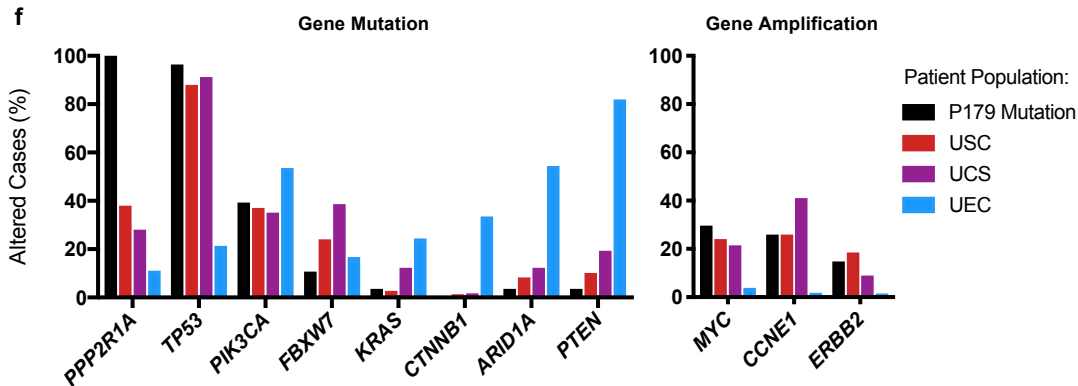
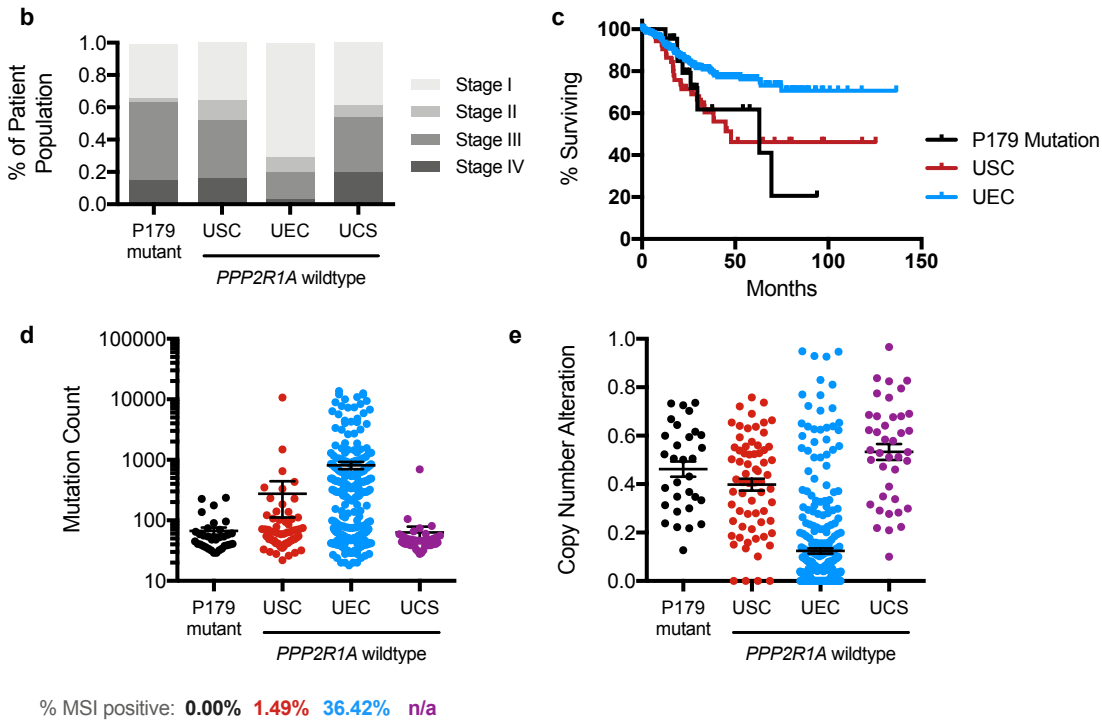


a

Study	Subtype (# tumors sequenced)	<i>PPP2R1A</i> mutations identified (# tumors affected)	Tumors with co-occurring <i>PPP2R1A</i> mutations
MSK-IMPACT	Endometrioid (n=90)	1 P179 / 3 R183 / 0 S256 / 5 Other 9 Total (n=7)	P-0005564-T01-IM5: P130L, R183W P-0004379-T01-IM5: R260H, D572G
TCGA, Pan-Cancer	Endometrioid (n=388)	5 P179 / 5 R183 / 1 S256 / 40 Other 51 Total (n=43)	TCGA-EY-A215-01: R48Q, L564P TCGA-AP-A059-01 A114V, L173M, R183W TCGA-D1-A167-01: R144C, R258C TCGA-AX-A06F-01: R182W, A300V TCGA-EY-A20Q-01: Q217R, R459H TCGA-B5-A3FA-01: A264T, N360S TCGA-B5-A1MR-01: D316G, D359Y
MSK-IMPACT	Serous (n=46)	12 P179 / 0 R183 / 3 S256 / 1 Other 16 Total (n=16)	n/a
TCGA, Pan-Cancer	Serous (n=108)	21 P179 / 4 R183 / 9 S256 / 8 Other 42 Total (n=40)	TCGA-AJ-A2QM-01: P179T, R459C TCGA-DI-A2QY-01: E216K, D254E
MSK-IMPACT	Carcinosarcoma (n=36)	1 P179 / 0 R183 / 2 S256 / 3 Other 6 Total (n=5)	P-0002708-T01-IM3: A70V, X455_splice
TCGA, Pan-Cancer	Carcinosarcoma (n=57)	5 P179 / 3 R183 / 2 S256 / 7 Other 17 Total (n=16)	TCGA-N5-A4RU-01: P179L, Q288H
MSK-IMPACT	Clear Cell (n=14)	0 P179 / 2 R183 / 0 S256 / 1 Other 3 Total (n=3)	n/a
MSK-IMPACT	Mixed, Undifferentiated (n=22)	0 P179 / 1 R183 / 0 S256 / 2 Other 3 Total (n=3)	n/a
TCGA, Pan-Cancer	Mixed (n=21)	2 P179 / 1 R183 / 0 S256 / 2 Other 5 Total (n=5)	n/a



Supplemental Figure 1