

Table S1 Correlation between *RYR* mutational status and clinicopathological factors

Gene	Character	P value
<i>RYR1</i>	Gender	1.000
	Ethnicity	0.508
	AJCC pathologic stage	0.717
	AJCC pathologic T	0.255
	AJCC pathologic N	0.705
	AJCC pathologic M	0.419
	Site of resection or biopsy	0.328
	Residual tumor	0.864
	<i>RYR2</i>	Gender
Ethnicity		0.507
AJCC pathologic stage		0.590
AJCC pathologic T		0.143
AJCC pathologic N		0.673
AJCC pathologic M		0.155
Site of resection or biopsy		0.001
Residual tumor		0.018
<i>RYR3</i>		Gender
	Ethnicity	0.243
	AJCC pathologic stage	0.146
	AJCC pathologic T	0.561
	AJCC pathologic N	0.682
	AJCC pathologic M	0.170
	Site of resection or biopsy	0.213
	Residual tumor	0.849

AJCC, American Joint Committee on Cancer; RYR, ryanodine receptor.