

cancer	all n	all rho	all p	TP53wt n	TP53wt rho	TP53wt p	TP53mut n	TP53mut rho	TP53mut p
ACC	10	5.52e−01	1.04e−01	10	5.52e−01	1.04e−01	NA	NA	NA
BLCA	228	5.15e−01	7.89e−17	134	4.53e−01	3.86e−08	94	4.27e−01	1.73e−05
BRCA Basal	42	5.74e−01	9.54e−05	10	6.24e−01	6.02e−02	32	5.74e−01	7.41e−04
BRCA Her2	44	1.47e−01	3.39e−01	12	2.24e−01	4.85e−01	32	6.82e−02	7.10e−01
BRCA LumA	199	3.41e−01	8.22e−07	177	3.43e−01	2.96e−06	22	4.86e−01	2.31e−02
BRCA LumB	70	1.71e−01	1.57e−01	61	1.48e−01	2.53e−01	9	1.67e−01	6.78e−01
CESC	156	1.39e−01	8.37e−02	145	1.60e−01	5.45e−02	11	−4.55e−02	9.03e−01
HNSC	313	5.37e−01	8.38e−25	123	6.08e−01	0.00e+00	190	4.47e−01	9.68e−11
KICH	5	6.00e−01	3.50e−01	5	6.00e−01	3.50e−01	NA	NA	NA
KIRC	142	3.49e−01	2.06e−05	141	3.37e−01	4.41e−05	NA	NA	NA
KIRP	167	4.51e−01	9.16e−10	163	4.48e−01	2.04e−09	4	8.00e−01	3.33e−01
LGG	271	6.33e−01	9.92e−32	76	7.28e−01	0.00e+00	195	3.87e−01	2.26e−08
LIHC	153	5.63e−01	3.64e−14	114	5.16e−01	4.18e−09	39	4.55e−01	3.95e−03
LUAD	234	2.82e−01	1.15e−05	128	3.61e−01	2.87e−05	106	2.27e−01	1.91e−02
LUSC	139	2.29e−01	6.74e−03	42	4.17e−02	7.93e−01	97	3.29e−01	9.91e−04
OV	56	2.33e−01	8.37e−02	10	8.42e−01	4.46e−03	46	1.46e−01	3.31e−01
PRAD	413	4.66e−01	1.33e−23	375	4.59e−01	6.13e−21	38	4.50e−01	4.58e−03
SKCM	165	6.48e−01	5.43e−21	152	6.10e−01	7.85e−17	13	4.34e−01	1.40e−01
STAD	225	3.72e−01	8.23e−09	145	3.67e−01	5.71e−06	80	4.20e−01	1.03e−04
THCA	469	4.58e−01	1.07e−25	467	4.62e−01	4.06e−26	NA	NA	NA