

Table S4: Contingency Tables for Association with Age at Diagnosis

A. *TBL1XR1*; B. *PIK3CA*; C. *UBR5*; D. *EIF3E*; E. *RAD21*; F. *EXT1*; G. *RECQL4*; H. *KRAS*; I. *PRKACA*; J. *BRD4*; K. *TPM4*

(A) *TBL1XR1* ($p = 0.2251$)

	Amplified	Not Amplified	Total
< 55	26	68	94
≥ 55	35	133	168
Total	61	201	262

(B) *PIK3CA* ($p = 0.0896$)

	Amplified	Not Amplified	Total
< 55	27	67	94
≥ 55	32	136	168
Total	59	203	262

(C) *UBR5* ($p = 0.0665$)

	Amplified	Not Amplified	Total
< 55	19	75	94
≥ 55	19	149	168
Total	38	224	262

(D) *EIF3E* ($p = 7.077e-05$)

	Amplified	Not Amplified	Total
< 55	31	63	94
≥ 55	20	148	168
Total	51	211	262

(E) *RAD21* ($p = 0.0003$)

	Amplified	Not Amplified	Total
< 55	36	58	94
≥ 55	29	139	168
Total	65	197	262

(F) *EXT1* ($p = 0.0001$)

	Amplified	Not Amplified	Total
< 55	39	55	94
≥ 55	32	136	168
Total	71	191	262

(G) *RECQL4* ($p = 0.0002$)

	Amplified	Not Amplified	Total
< 55	45	49	94
≥ 55	41	127	168
Total	86	176	262

(H) *KRAS* ($p = 0.5480$)

	Amplified	Not Amplified	Total
< 55	9	85	94
≥ 55	21	147	168
Total	30	232	262

I) *PRKACA* ($p = 0.1137$)

	Amplified	Not Amplified	Total
< 55	7	87	94
≥ 55	24	144	168
Total	31	231	262

(J) *BRD4* ($p = 0.4320$)

	Amplified	Not Amplified	Total
< 55	9	85	94
≥ 55	23	145	168
Total	32	230	262

K) *TPM4* ($p = 0.5322$)

	Amplified	Not Amplified	Total
< 55	8	86	94
≥ 55	20	148	168
Total	28	234	262

Table S5: Contingency Tables for Association with Disease Stage.

A. *TBL1XR1*; B. *PIK3CA*; C. *UBR5*; D. *EIF3E*; E. *RAD21*; F. *EXT1*; G. *RECQL4*; H. *KRAS*; I. *PRKACA*; J. *BRD4*; K. *TPM4*

(A) *TBL1XR1* ($p = 1.000$)

	Amplified	Not Amplified	Total
Early Stage	1	16	17
Late Stage	27	226	253
Total	28	242	270

(B) *PIK3CA* ($p = 1.000$)

	Amplified	Not Amplified	Total
Early Stage	4	13	17
Late Stage	56	197	253
Total	60	210	270

(C) *UBR5* ($p = 0.4816$)

	Amplified	Not Amplified	Total
Early Stage	1	16	17
Late Stage	37	216	253
Total	38	232	270

(D) *EIF3E* ($p = 0.2104$)

	Amplified	Not Amplified	Total
Early Stage	1	16	17
Late Stage	50	203	253
Total	51	219	270

(E) *RAD21* ($p = 0.7707$)

	Amplified	Not Amplified	Total
Early Stage	3	14	17
Late Stage	63	190	253
Total	66	204	270

(F) *EXT1* ($p = 0.5722$)

	Amplified	Not Amplified	Total
Early Stage	3	14	17
Late Stage	69	184	253
Total	72	198	270

(G) *RECQL4* ($p = 0.5947$)

	Amplified	Not Amplified	Total
Early Stage	4	13	17
Late Stage	85	168	253
Total	89	181	270

(H) *KRAS* ($p = 1.000$)

	Amplified	Not Amplified	Total
Early Stage	2	15	17
Late Stage	29	224	253
Total	31	239	270

(I) *PRKACA* ($p = 0.7026$)

	Amplified	Not Amplified	Total
Early Stage	1	16	17
Late Stage	30	223	253
Total	31	239	270

(J) *BRD4* (p = 0.2362)

	Amplified	Not Amplified	Total
Early Stage	0	17	17
Late Stage	32	221	253
Total	32	238	270