

Figure1		B-actin			Nrf2			
B		ct1	ct2	mean	ct1	ct2	mean	2 ^{^-} Δ ct
Normal	N1	20.41	20.57	20.49	28.74	28.61	28.68	0.003436129
	N2	19.22	18.61	18.92	24.04	23.73	23.89	0.031906629
	N3	13.10	14.13	13.62	19.38	19.77	19.58	0.016064279
	N4	15.27	15.00	15.14	20.20	19.94	20.07	0.032690154
	N5	15.46	16.18	15.82	20.11	20.83	20.47	0.03983002
	N6	16.78	16.76	16.77	21.36	21.73	21.55	0.036524289
	N7	17.38	17.37	17.38	21.95	21.97	21.96	0.041665584
	N8	18.55	18.36	18.46	25.15	24.93	25.04	0.01042
	N9	16.82	17.47	17.15	21.80	21.77	21.79	0.040107059
	N10	15.94	0.00	15.94	22.06	21.44	21.75	0.01782
	N11	15.16	15.22	15.19	19.66	19.42	19.54	0.04898
	N12	16.48	16.72	16.60	22.35	22.29	22.32	0.018971795
	N13	16.1	0	8.05	21.83	21.94	21.885	6.84305E-05

Figure1		B-actin			Nrf2			
B		ct1	ct2	mean	ct1	ct2	mean	$2^{-\Delta ct}$
Complete remission	CR1	15.48	15.47	15.48	23.48	23.22	23.35	0.00426
	CR2	14.47	14.67	14.57	22.49	22.61	22.55	0.00396
	CR3	16.56	16.50	16.53	21.26	21.50	21.38	0.03467
	CR4	24.69	24.14	24.42	30.10	29.43	29.77	0.02452
	CR5	15.06	14.84	14.95	21.44	21.35	21.40	0.01148
	CR6	16.55	16.50	16.53	22.82	22.85	22.84	0.01260
	CR7	15.23	15.63	15.43	20.10	20.62	20.36	0.03280
	CR8	16.79	16.98	16.89	23.20	23.37	23.29	0.01184
	CR9	18.10	18.12	18.11	25.53	25.57	25.55	0.00576
	CR10	18.60	18.53	18.57	23.94	23.87	23.91	0.02469
	CR11	17.82	17.72	17.77	22.13	22.14	22.14	0.04853
	CR12	15.87	15.94	15.91	21.65	21.69	21.67	0.01839
	CR13	16.83	16.93	16.88	0.00	22.00	22.00	0.02876
	CR14	19.66	20.82	20.24	25.59	25.75	25.67	0.02313
	CR15	15.32	15.37	15.35	20.44	20.42	20.43	0.02946
	CR16	15.57	16.64	16.11	22.68	22.08	22.38	0.01291

Figure1		B-actin			Nrf2			
B		ct1	ct2	mean	ct1	ct2	mean	$2^{-\Delta ct}$
Newly	ND1	17.89	18.11	18.00	20.68	22.88	21.78	0.07270
	ND2	19.55	18.38	18.97	19.50	21.26	20.38	0.37419
	ND3	15.14	15.04	15.09	16.86	17.06	16.96	0.27357
	ND4	17.29	17.11	17.20	21.79	21.30	21.55	0.04921
	ND5	19.30	19.32	19.31	22.71	23.12	22.92	0.08218
	ND6	23.48	23.28	23.38	27.51	27.41	27.46	0.05913
	ND7	17.29	17.11	17.20	21.79	21.30	21.55	0.04921
ND8	18.67	18.61	18.64	24.97	0.00	24.97	0.01243	

diagnosi	ND9	15.88	15.80	15.84	20.29	20.02	20.16	0.05024
s	ND10	17.48	17.73	17.61	20.18	20.46	20.32	0.15230
	ND11	16.54	16.61	16.58	18.95	19.15	19.05	0.18
	ND12	16.89	17.27	17.08	20.61	20.70	20.66	0.08391
	ND13	15.57	15.70	15.64	21.43	20.88	21.16	0.02179
	ND14	19.66	19.72	19.69	15.15	14.79	14.97	0.03794
	ND15	16.53	15.82	16.17	20.36	18.57	19.47	0.10191
	ND16	18.38	18.56	18.47	20.54	21.08	20.81	0.19751
	ND17	15.79	15.53	15.66	19.49	19.49	19.49	0.07032

Figure1		B-actin			Nrf2			
B		ct1	ct2	mean	ct1	ct2	mean	2 ^{-Δct}
	RR1	18.42	18.14	18.28	20.86	20.78	20.82	0.17248
	RR2	17.04	17.36	17.20	20.56	19.81	20.19	0.12631
	RR3	18.55	18.07	18.31	22.98	20.55	21.77	0.09119
	RR4	13.99	19.46	16.73	16.74	16.84	16.79	0.95595
	RR5	21.48	21.23	21.36	18.18	17.23	17.71	0.07966
	RR6	19.55	18.38	18.97	19.50	21.26	20.38	0.37419
Relapse	RR7	17.04	17.36	17.20	20.56	19.81	20.19	0.12631
refractor	RR8	24.55	25.07	24.81	27.98	28.55	28.27	0.09119
y	RR9	16.95	16.60	16.78	20.38	20.71	20.55	0.07330
	RR10	20.75	20.87	20.81	22.80	22.93	22.87	0.24065
	RR11	21.31	21.59	21.45	23.32	0.00	23.32	0.27357
	RR12	17.79	17.62	17.71	21.67	21.57	21.62	0.06630
	RR13	17.96	17.71	17.84	21.23	21.17	21.20	0.09706
	RR14	18.42	18.14	18.28	20.86	20.78	20.82	0.17248
	RR15	17.79	18.21	18.00	20.68	22.88	21.78	0.07270
	RR16	17.76	17.89	17.83	18.91	18.66	18.79	0.51406
	RR17	14.74	15.22	14.98	17.75	18.64	18.20	0.10789

Figure1		B-actin			Nrf2			
G		ct1	ct2	mean	ct1	ct2	mean	2 ^{-Δct}
	R1	15.22	17.88	16.55	21.46	21.02	21.24	0.038740866
	R2	14.44	14.47	14.455	20.37	20.67	20.52	0.014936646
	R3	14.54	14.31	14.425	19.36	19.57	19.465	0.030395467
	R4	15.3	14.74	15.02	21.69	21.45	21.57	0.01067219
	R5	16.64	16.98	16.81	22.47	22.13	22.3	0.022250784
	R6	16.15	15.95	16.05	20.89	19.97	20.43	0.048027349
	R7	15.7	15.91	15.805	21.45	21.08	21.265	0.022718321
	R8	16.46	16.62	16.54	21.85	22.38	22.115	0.020977695
	R9	18.05	17.63	17.84	22.24	21.87	22.055	0.053846635
Relapse	R10	16.95	17.24	17.095	22.52	22.33	22.425	0.024860515
	R11	18.13	17.76	17.945	23.78	23.95	23.865	0.016515907
	R12	17.26	16.72	16.99	19.83	19.71	19.77	0.145591698
	R13	18.61	17.61	18.11	21.69	22.49	22.09	0.063372467

R14	16.42	16.75	16.585	25.4	26.47	25.935	0.001532391
R15	18.21	17.59	17.9	21.83	22.12	21.975	0.059333883
R16	15.19	15.83	15.51	18.96	18.94	18.95	0.092141826
R17	19.66	19.56	19.61	24.38	24.43	24.405	0.036021448
R18	16.65	16.59	16.62	21.51	21.20	21.355	0.037551127
R19	18.30	18.07	18.185	21.93	22.02	21.975	0.072293011
R20	17.55	17.58	17.565	21.17	21.39	21.28	0.076150641

Figure1		B-actin			Nrf2			
G		ct1	ct2	mean	ct1	ct2	mean	2 ⁻ Δct
Before Relapse	BR1	16.66	17	16.83	24.1	24.06	24.08	0.006569503
	BR2	19.47	19.98	19.725	28.19	28	28.095	0.003022588
	BR3	14.77	14.95	14.86	20.46	20.61	20.535	0.019572882
	BR4	18.6	18.69	18.645	24.09	27.26	25.675	0.007651721
	BR5	17.42	17.21	17.315	27.14	27.07	27.105	0.001129578
	BR6	17.95	18.44	18.195	25.39	25.66	25.525	0.006215129
	BR7	16.79	16.92	16.855	23.86	22.89	23.375	0.010896435
	BR8	16.6	16.38	16.49	23.79	23.99	23.89	0.005920768
	BR9	17.62	17.79	17.705	24.4	24.39	24.395	0.009685216
	BR10	22.31	22.05	22.18	28.29	28.07	28.18	0.015625
	BR11	15.36	15.15	15.255	22.67	22.52	22.595	0.006172198
	BR12	15.14	14.58	14.86	22.36	23.89	23.125	0.003250776
	BR13	16.21	14.9	15.555	22.78	21.44	22.11	0.010635267
	BR14	16.39	15.74	16.065	24.78	24.55	24.665	0.002577164
	BR15	17.98	16.33	17.155	23.09	23.38	23.235	0.014782151
	BR16	17.61	17.47	17.54	23.43	23.48	23.455	0.016573246
	BR17	17.29	17.76	17.525	24.89	25.53	25.21	0.004859421
	BR18	16.61	16.64	16.625	22.28	22.66	22.47	0.017397213
	BR19	15.96	15.74	15.85	22.71	22.16	22.435	0.010416396
	BR20	16.74	16.48	16.61	20.93	20.81	20.87	0.052192995

Figure2		B-actin			Nrf2			
A		ct1	ct2	mean	ct1	ct2	mean	$2^{-\Delta ct}$
No-mutation	P1	19.15	19.01	19.08	25.98	26.40	26.19	0.00724
	P2	16.14	15.09	15.62	22.84	22.46	22.65	0.00763
	P3	18.00	18.00	18.00	25.08	25.29	25.18	0.00687
	P4	15.06	14.84	14.95	21.44	21.35	21.40	0.01148
	P5	15.57	15.70	15.64	21.43	20.88	21.16	0.02179
	P6	14.74	15.22	14.98	17.75	18.64	18.20	0.10789
	P7	15.65	14.40	15.03	21.40	20.50	20.95	0.01646
	P8	16.58	16.73	16.66	25.03	25.09	25.06	0.00295
	P9	16.85	17.75	17.30	23.21	23.22	23.22	0.01657
	P10	20.08	19.82	19.95	24.92	25.05	24.99	0.03050
	P11	19.70	19.69	19.70	25.75	25.49	25.62	0.01646

Figure2

	B-actin	Nrf2
--	---------	------

A		ctl	ct2	mean	ctl	ct2	mean	$2^{\wedge} - \Delta ct$
Mutation	P1	20.33	20.97	20.65	24.67	24.80	24.735	0.058924033
	P2	14.77	15.01	14.89	19.66	19.71	19.685	0.036021448
	P3	15.39	15.27	15.33	19.81	19.01	19.41	0.059128603
	P4	14.64	14.95	14.80	19.86	19.82	19.84	0.030290307
	P5	16.15	16.37	16.26	20.69	20.76	20.725	0.045279442
	P6	15.05	14.94	15.00	20.31	20.18	20.245	0.026278013
	P7	15.37	15.09	15.23	20.59	20.43	20.51	0.025737219
	P8	14.04	14.50	14.27	18.54	18.67	18.605	0.049549009
	P9	21.50	21.93	21.72	25.62	25.51	25.565	0.069348092
	P10	16.96	16.81	16.89	21.51	21.98	21.745	0.034434535
	P11	21.37	21.26	21.32	24.27	24.12	24.195	0.135841858
	P12	24.10	24.00	24.05	28.31	28.58	28.445	0.047530586
Figure2		B-actin			RFC5			
E		ctl	ct2	mean	ctl	ct2	mean	$2^{\wedge} - \Delta ct$
Nrf2-L	P1	15.99	16	15.995	25.39	25.42	25.405	0.001469968
	P2	20.48	20.37	20.425	31.37	31.72	31.545	0.00044931
	P3	15.14	15.23	15.185	24.19	24.44	24.315	0.001784827
	P4	15.53	15.15	15.34	23.77	23.29	23.53	0.003424241
	P5	19.69	19.78	19.735	28.1	27.97	28.035	0.003172861
	P6	16.91	16.99	16.95	24.71	24.85	24.78	0.00439476
	P7	14.78	14.83	14.805	22.25	22.98	22.615	0.004456108
	P8	15.76	15.9	15.83	24.9	24.71	24.805	0.001987265
	P9	15.13	14.83	14.98	23.65	23.35	23.50	0.002724109
	P10	17.48	17.23	17.355	24.93	24.94	24.94	0.00522628
Figure2		B-actin			RFC5			
E		ctl	ct2	mean	ctl	ct2	mean	$2^{\wedge} - \Delta ct$
Nrf2-H	P1	17.67	17.73	17.7	26.88	27.12	27	0.00158643
	P2	17.33	17.56	17.445	27.64	27.68	27.66	0.000841354
	P3	15.97	16.16	16.065	24.43	24.64	24.535	0.002820174
	P4	15.64	15.59	15.615	23.75	23.70	23.725	0.003619485
	P5	18.52	19.05	18.785	25.90	25.80	25.85	0.007468323
	P6	17.65	17.77	17.695	22.58	24.45	23.615	0.016515907
	P7	14.44	14.34	14.39	22.96	23.05	23.005	0.002550507
	P8	18.85	18.38	18.615	27.90	27.71	27.805	0.001712121
	P9	16.31	16.45	16.38	23.60	23.90	23.75	0.006045176
	P10	18.32	17.87	18.095	24.14	25.03	24.585	0.011125392
Figure2		B-actin			RFC4			
F		ctl	ct2	mean	ctl	ct2	mean	$2^{\wedge} - \Delta ct$
Nrf2-L	P1	17.56	17.62	17.59	24.57	24.72	24.645	0.007520269
	P2	18.68	19.69	19.185	24.57	24.15	24.36	0.027680235
	P3	15.23	15.38	15.305	22.65	22.51	22.58	0.006456643
	P4	15.37	15.41	15.39	23.09	23.48	23.285	0.00420115
	P5	18.07	18.26	18.165	24.75	24.32	24.535	0.012090352
	P6	17.58	17.54	17.56	22.58	22.69	22.635	0.029666941

P7	14.53	13.99	14.26	22.07	21.87	21.97	0.004775939
P8	17.73	17.84	17.785	24.29	24.26	24.275	0.011125392
P9	16.49	16.55	16.52	23.46	23.17	23.315	0.009005362
P10	17.42	17.51	17.465	24.79	24.72	24.755	0.00638986

Figure2

F	B-actin			RFC4			$2^{\wedge}-\Delta ct$
	ctl	ct2	mean	ctl	ct2	mean	
P1	15.94	15.97	15.955	24.95	24.93	24.94	0.001973538
P2	17.01	17.07	17.04	27.25	27.23	27.24	0.000850147
P3	15.09	15	15.045	25.5	25.42	25.46	0.000732441
P4	16.2	16.42	16.31	25.37	25.26	25.315	0.001946368
P5	14.84	14.73	14.785	23.45	23.65	23.55	0.002298646
P6	15.16	15.17	15.165	22.93	22.84	22.885	0.004742949
P7	19.42	19.42	19.42	27.14	28.18	27.66	0.003307599
P8	18.69	18.65	18.67	27.5	27.69	27.595	0.002057346
P9	18.01	18.23	18.12	26.05	25.78	25.915	0.004502681
P10	16.04	15.80	15.92	23.92	23.55	23.735	0.004440691

Figure2

G	B-actin			PCNA			$2^{\wedge}-\Delta ct$
	ctl	ct2	mean	ctl	ct2	mean	
P1	14.04	14.28	14.16	21.36	20.89	21.125	0.00800435
P2	15.21	14.9	15.055	21.78	21.44	21.61	0.010635267
P3	17.39	17.14	17.265	24.58	24.15	24.365	0.00728932
P4	16.98	16.83	16.905	23.18	23.18	23.18	0.012913286
P5	15.21	17.89	16.55	21.47	21.01	21.24	0.038740866
P6	15.3	14.94	15.12	21.69	21.25	21.47	0.012259127
P7	16.64	16.98	16.81	21.47	22.13	21.8	0.031467361
P8	15.15	14.95	15.05	19.89	19.97	19.93	0.033960464
P9	18.68	18.78	18.73	21.51	21.2	21.355	0.162104944
P10	16.68	17.02	16.85	22.77	23.05	22.91	0.014988502

Figure2

G	B-actin			PCNA			$2^{\wedge}-\Delta ct$
	ctl	ct2	mean	ctl	ct2	mean	
P1	15.36	15.15	15.255	22.67	22.52	22.595	0.006172198
P2	20.74	20.44	20.59	26.73	27.27	27	0.01175974
P3	14.54	14.37	14.455	20.27	20.79	20.53	0.014833471
P4	14.44	14.41	14.425	19.26	19.67	19.465	0.030395467
P5	16.26	16.72	16.49	19.73	19.71	19.72	0.106579361
P6	17.61	17.61	17.61	21.69	23.49	22.59	0.031686234
P7	13.42	13.79	13.605	26.40	26.43	26.415	0.000139253
P8	17.21	17.59	17.4	21.93	22.02	21.975	0.041955391
P9	20.62	20.35	20.485	25.12	24.99	25.055	0.042101049
P10	18.99	17.66	18.325	22.7	21.64	22.17	0.069588851

Figure2

H	B-actin			RPA1			$2^{\wedge}-\Delta ct$
	ctl	ct2	mean	ctl	ct2	mean	

Nrf2-L	P1	17.78	17.57	17.675	28.18	28.32	28.25	0.000655553
	P2	15.81	15.91	15.86	25.81	25.97	25.89	0.000956465
	P3	15.07	14.92	14.995	26.61	26.69	26.65	0.000310095
	P4	16.53	16.31	16.42	27.64	27.62	27.63	0.000422137
	P5	15.22	15.09	15.155	25.2	24.77	24.985	0.00109869
	P6	15.74	15.17	15.455	24.87	24.81	24.84	0.001495662
	P7	15.31	15.72	15.515	24.03	24.1	24.065	0.002668047
	P8	17.63	17.63	17.63	26.06	26.32	26.19	0.002649618
	P9	19.48	19.63	19.555	28.77	28.56	28.665	0.001809742
	P10	19.05	19.23	19.14	27.11	28.06	27.585	0.00286947

Figure2H		B-actin			RPA1			$2^{-\Delta ct}$
		ct1	ct2	mean	ct1	ct2	mean	
Nrf2-H	P1	17.99	17.98	17.985	28.65	27.91	28.28	0.000795969
	P2	20.42	20.67	20.545	27.71	38.72	37.215	9.59025E-06
	P3	15.82	15.86	15.84	25.08	25.41	25.245	0.001475071
	P4	15.47	15.40	15.435	24.32	24.89	24.605	0.001736021
	P5	18.17	18.3	18.235	27.56	27.26	27.41	0.001730015
	P6	17.77	17.9	17.835	24.95	25.00	24.975	0.007089993
	P7	14.06	13.94	14	22.61	22.94	22.775	0.002282768
	P8	20.87	20.7	20.785	28.17	28.03	28.1	0.006280086
	P9	18.27	17.86	18.065	26.27	26.53	26.4	0.003096813
	P10	17.33	17.56	17.445	27.05	26.88	26.965	0.001362054

Figure2I		B-actin			RPA2			$2^{-\Delta ct}$
		ct1	ct2	mean	ct1	ct2	mean	
Nrf2-L	P1	15.99	16	15.995	25.53	25.55	25.54	0.001338655
	P2	20.48	20.37	20.425	34.66	33.82	34.24	6.93858E-05
	P3	15.14	15.23	15.185	24.73	24.44	24.585	0.001480192
	P4	15.53	15.15	15.34	24.51	24.57	24.54	0.001700294
	P5	19.69	19.78	19.735	23.14	23.29	23.215	0.089622203
	P6	16.91	16.99	16.95	26.49	26.29	26.39	0.001439716
	P7	14.78	14.83	14.805	33.23	34.12	33.675	2.0872E-06
	P8	15.76	15.90	15.83	35.79	36.63	36.21	7.32839E-07
	P9	15.13	14.83	14.98	35.86	35.61	35.735	5.65096E-07
	P10	17.48	17.23	17.355	37	37.83	37.415	9.14826E-07

Figure2I		B-actin			RPA2			$2^{-\Delta ct}$
		ct1	ct2	mean	ct1	ct2	mean	
Nrf2-H	P1	17.67	17.73	17.7	27.9	28.14	28.02	0.000782295
	P2	17.33	17.56	17.445	27.38	27.59	27.485	0.000949858
	P3	15.97	16.16	16.065	23.56	23.83	23.695	0.005048253
	P4	15.64	15.59	15.615	23.14	23.61	23.375	0.004613253
	P5	18.52	19.05	18.785	26.15	26.47	26.31	0.005429368
	P6	17.66	17.73	17.695	23.27	23.83	23.55	0.017277041
	P7	14.44	14.34	14.39	22.87	22.96	22.915	0.002714684
	P8	18.85	18.38	18.615	28.44	27.99	28.215	0.001288582
	P9	16.31	16.45	16.38	22.79	22.71	22.75	0.012090352

P10	18.32	17.87	18.095	25.34	25.46	25.4	0.006323767
-----	-------	-------	--------	-------	-------	------	-------------

Figure2J

	ct1	ct2	mean	ct1	ct2	mean	$2^{-\Delta ct}$
P1	14.82	14.71	14.765	21.29	20.73	21.01	0.013184622
P2	15.74	15.11	15.425	21.32	20.75	21.035	0.020475
P3	14.73	14.7	14.715	21.61	22.43	22.02	0.006324
P4	17.84	17.52	17.68	23.63	23.63	23.63	0.016170
P5	15.13	15.42	15.275	22.94	22.39	22.665	0.005962
P6	16.37	16.01	16.19	22.98	22.38	22.68	0.011125392
P7	15.91	15.7	15.805	33.58	33.43	33.505	4.69644E-06
P8	15.34	15.29	15.315	20.33	20.4	20.365	0.03018551
P9	18.15	18.01	18.08	25.23	24.95	25.09	0.007758535
P10	19.17	19.25	19.21	23.2	23.37	23.285	0.059333883
P11	17.9	18.15	18.025	23.72	23.16	23.44	0.023438109
P12	16.26	16.26	16.26	22.36	22.25	22.305	0.015145153
P13	20.16	20.27	20.215	25.04	24.46	24.75	0.043134917
P14	16.74	15.51	16.125	22.36	20.75	21.555	0.023196
P15	16.47	16.11	16.29	22.97	22.48	22.725	0.011557715
P16	14.68	14.22	14.45	20.98	21.25	21.115	0.009854511
P17	15.42	15	15.21	20.49	20.43	20.46	0.026278013
P18	16.53	16.74	16.635	22.75	22.97	22.86	0.013368672
P19	15.81	15.03	15.42	23.11	21.85	22.48	0.007494251
P20	15.05	14.94	14.995	20.31	20.18	20.245	0.026278013
P21	15.37	15.09	15.23	20.59	20.43	20.51	0.025737219
P22	15.76	15.78	15.77	22.8	22.76	22.78	0.007758535
P23	16.27	16.15	16.21	20.2	21.89	21.045	0.03503644

Figure2J

	B-actin			RFC4			$2^{-\Delta ct}$
	ct1	ct2	mean	ct1	ct2	mean	
P1	14.41	14.62	14.515	21.4	21.37	21.385	0.00854917
P2	13.05	13.3	13.175	21.35	20.65	21	0.004410017
P3	16.31	16.4	16.355	23.67	23.73	23.7	0.006150844
P4	17.06	16.25	16.655	24.33	24.43	24.38	0.004726539
P5	16.58	16.73	16.655	23.54	23.06	23.3	0.009992075
P6	15.56	15.85	15.705	22.75	22.37	22.56	0.008638521
P7	15.04	14.8	14.92	21.43	21.32	21.375	0.011398596
P8	16.83	16.67	16.75	24.45	23.43	23.94	0.006848482
P9	19.28	19.83	19.555	26.81	26.69	26.75	0.006824788
P10	17.45	17.51	17.48	25.77	26.10	25.935	0.002849649
P11	20.49	20.84	20.665	27.11	27.93	27.52	0.008638521
P12	18.8	18.65	18.725	26.05	26.11	26.08	0.006108357
P13	13.68	14.05	13.865	22.63	22.05	22.34	0.002810417
P14	15.95	16.01	15.98	23.51	22.8	23.155	0.006920059
P15	14.23	14.6	14.415	21.4	21.35	21.375	0.008032139

P16	14.39	14.55	14.47	21.41	21.38	21.395	0.008229383
P17	14.55	14.53	14.54	22.38	22.47	22.425	0.004230371
P18	17.23	17.24	17.235	23.21	24.6	23.905	0.009820417
P19	14.67	14.6	14.635	21.88	21.78	21.83	0.006824788
P20	14.81	15.03	14.92	22.11	21.99	22.05	0.007139308
P21	14.76	14.76	14.76	21.8	21.76	21.78	0.007704943
P22	16.13	16.23	16.18	23.33	22.99	23.16	0.007921558
P23	15.27	14.39	14.83	23.98	23.23	23.605	0.002282768

Figure2		B-actin			RFC4			$2^{-\Delta ct}$
M		ctl	ct2	mean	ctl	ct2	mean	
	P1	17.17	17.29	17.23	22.46	22.69	22.575	0.024603374
	P2	19.70	19.69	19.695	23.64	23.73	23.685	0.062934722
	P3	19.15	19.25	19.2	23.6	23.67	23.635	0.04623086
	P4	17.91	18.13	18.02	21.63	21.42	21.525	0.088082547
No-mutation	P5	17.48	17.35	17.415	23.69	23.38	23.535	0.014377932
	P6	17.92	18.1	18.01	23.62	23.11	23.365	0.024433426
	P7	15.44	15.49	15.465	20.2	20.2	20.2	0.037551127
	P8	24.16	24.27	24.215	29.04	28.46	28.75	0.043134917
	P9	19.15	19.01	19.08	24.69	24.86	24.775	0.019303416
	P10	16.26	16.26	16.26	22.17	22.22	22.195	0.016345077
	P11	16.35	16.35	16.35	20.73	20.83	20.78	0.046391362
	P12	21.03	24.99	23.01	25.87	25.86	25.865	0.138216332
	P13	15.42	15	15.21	20.49	20.49	20.49	0.025737219

Figure2		B-actin			RFC4			$2^{-\Delta ct}$
M		ctl	ct2	mean	ctl	ct2	mean	
	P1	14.67	14.6	14.635	21.88	21.78	21.83	0.006824788
	P2	15.1	15.22	15.16	19.49	19.59	19.54	0.048027349
	P3	14.82	14.71	14.765	21.29	20.73	21.01	0.013184622
	P4	16.59	16.82	16.705	22.7	22.71	22.705	0.015625
	P5	14.81	15.03	14.92	22.11	21.99	22.05	0.007139308
Mutation	P6	14.76	14.76	14.76	21.80	21.76	21.78	0.007704943
	P7	14.43	14.63	14.53	21.41	21.34	21.375	0.008698606
	P8	14.67	14.5	14.585	22.35	22.46	22.405	0.004425328
	P9	15.48	15.66	15.57	22.47	22.4	22.435	0.00857885
	P10	16.04	16.18	16.11	20.95	21.08	21.015	0.033377044
	P11	14.43	15.59	15.01	20.86	21.03	20.945	0.016345077
	P12	15.78	15.85	15.815	27.87	27.99	27.93	0.000225435
	P13	14.79	14.68	14.735	20.77	20.48	20.625	0.016862941

Figure3C		B-actin			Nrf2			$2^{-\Delta ct}$
		ctl	ct2	mean	ctl	ct2	mean	
	T-CON	12.901	13.3448	13.1229	16.9435	17.15009	17.0467825	0.065884665
THP-1	T-LV	12.3673	12.6139	12.4906	15.01	15.1996	15.1057816	0.163207144
(Repeat	T-238	13.2443	12.871	13.0577	17.155	17.17495	17.1649786	0.058019359
1)	T-SI	13.5023	13.6568	13.5796	19.3713	19.92641	19.6488523	0.014892339

	T-077	12.6639	13.2965	12.9802	16.5911	16.73801	16.664546	0.077786691
	T-CON	15.83	16.0939	15.9639	19.9332	20.35	20.1414852	0.055259661
THP-1	T-LV	16.4193	16.4227	16.421	18.5109	18.7154	18.6131582	0.218827666
(Repeat 2)	T-238	14.6438	15.5382	15.091	19.28	19.74009	19.5089817	0.046779578
	T-SI	15.3109	15.2854	15.2981	20.3443	20.86685	20.6055832	0.025252236
	T-077	16.0919	14.9176	15.5048	20.0415	18.73524	19.3883629	0.067752898
	T-CON	15.1016	16.6322	15.8669	19.8501	19.6163	19.733201	0.068569094
THP-1	T-LV	15.54	15.597	15.5692	17.8051	17.92	17.8643675	0.203741269
(Repeat 3)	T-238	13.7467	13.4674	13.607	17.5746	17.68107	17.6278257	0.06160547
	T-SI	14.2685	14.3894	14.329	19.24	19.38182	19.3087273	0.031691784
	T-077	14.7912	14.5995	14.6954	18.2122	18.23029	18.2212391	0.086817958

Figure3C		B-actin			Nrf2			$2^{-\Delta ct}$
		ct1	ct2	mean	ct1	ct2	mean	
	U-CON	13.525	14.1562	13.8406	17.6995	17.57419	17.6368389	0.071982627
U937(R	U-LV	13.2863	12.9415	13.1139	16.23	15.47613	15.8533401	0.149742955
repeat 1)	U-238	13.9364	13.9642	13.9503	17.9795	17.6371	17.8083221	0.068964244
	U-SI	15.5142	15.3865	15.4503	20.4144	20.85531	20.6348743	0.027497967
	U-077	0	12.9268	12.9268	16.5734	16.9247	16.7490606	0.070696333
	U-CON	15.59	15.9469	15.7682	19.2554	20.25	19.7503366	0.063277089
U937(R	U-LV	17.0866	17.2815	17.184	18.9509	19.80215	19.3765392	0.218770391
repeat 2)	U-238	15.5643	16.3763	15.9703	19.37	19.87687	19.6213234	0.079602457
	U-SI	13.2303	13.6291	13.4297	18.5007	19.32343	18.9120836	0.022368412
	U-077	17.7438	17.9105	17.8272	21.1015	21.77176	21.4366388	0.08192901
	U-CON	15.1474	14.7376	14.9425	18.803	18.69015	18.7465868	0.071590425
U937(R	U-LV	14.96	14.8657	14.9109	17.4904	17.72	17.604249	0.154607387
repeat 3)	U-238	15.2832	15.4091	15.3462	19.1053	19.62458	19.3649445	0.061692048
	U-SI	14.9096	14.6816	14.7956	19.41	19.5134	19.4641867	0.039320921
	U-077	15.5367	15.8223	15.6795	19.8213	19.27699	19.5491447	0.068410476

Figure3C		B-actin			Nrf2			$2^{-\Delta ct}$
		ct1	ct2	mean	ct1	ct2	mean	
	M-CON	14.931	0	13.931	18.79	17.55715	18.174036	0.052811159
MV4-	M-LV	15.4039	15.7574	15.5806	19.2497	18.86468	19.0571804	0.089837247
11(Repe	M-238	11.618	11.5338	11.5759	15.7789	15.21857	15.4987283	0.06593527
at 1)	M-SI	13.1862	12.6483	12.9173	17.2814	18.77708	18.0292616	0.028916184
	M-077	13.74	12.6548	13.1966	16.9449	17.64	17.2914772	0.058521337
	M-CON	15.7842	15.8116	15.7979	19.8994	19.5276	19.7134924	0.066263763
MV4-	M-LV	22.8382	22.9902	22.9142	25.60	26.32355	25.9616547	0.120958278
11(Repe	M-238	15.1509	15.3878	15.2694	18.6006	19.4218	19.0111933	0.074746909
at 2)	M-SI	20.5091	20.0028	20.256	25.6546	25.30442	25.4795256	0.026764128
	M-077	19.0547	20.7335	19.8941	22.9182	24.697	23.8076153	0.066362392
	M-CON	13.63	13.5645	13.5983	17.1812	17.69	17.4333897	0.070069798
MV4-	M-LV	15.6437	15.415	15.5294	18.4492	18.25762	18.3533907	0.14121734
11(Repe	M-238	15.2137	15.494	15.3538	19.62	19.60187	19.6090002	0.052368653
at 3)	M-SI	14.3208	14.6926	14.5067	20.1951	19.91692	20.0559883	0.021354961

M-077 15.6748 15.5085 15.5917 19.5801 19.67113 19.6256266 0.061045981

Figure 8

B

		β -actin	Duplicate mean		RFC4	Duplicate mean		
THP-1	CON	17.0199	16.9508	16.9853	19.6509	19.88755	19.7692258	0.145197325
(Repeat 1)	NC	17.3378	17.1584	17.2481	18.5581	18.60692	18.5824987	0.396555205
	RFC4	18.307	17.6256	17.9663	18.3679	18.39942	18.3836568	0.748804634
THP-1	CON	16.5286	16.4002	16.4644	19.2898	19.04402	19.1669135	0.153628578
(Repeat 2)	NC	16.5567	16.9175	16.7371	18.9729	18.50609	18.7395089	0.249581653
	RFC4	17.4226	17.1983	17.3105	18.1316	18.31274	18.2221736	0.531556055
THP-1	CON	16.53	16.2079	16.369	18.5583	18.26471	18.4115035	0.242738741
(Repeat 3)	NC	16.6006	16.6547	16.6276	18.1664	18.03356	18.0999961	0.360386117
	RFC4	17.1649	17.0872	17.1261	18.0983	18.09741	18.0978459	0.509876039

Figure8

C

		β -actin	Duplicate mean		RFC4	Duplicate mean		
U937(R	CON	14.2673	14.1939	14.2306	20.5216	19.68345	20.1025118	0.017075813
epeat 1)	NC	15.9054	15.9109	15.9082	19.713	19.44002	19.5764877	0.078655079
	RFC4	15.2247	15.2889	15.2568	17.4635	17.59525	17.5293846	0.206954515
U937(R	CON	15.3032	15.6481	15.4756	19.0516	19.01723	19.0344256	0.08485862
epeat 2)	NC	14.235	14.4996	14.3673	22.0035	21.22804	21.6157518	0.006576556
	RFC4	15.1863	15.0804	15.1334	17.0942	17.34278	17.2184893	0.235675128
U937(R	CON	14.3558	14.2013	14.2786	20.4398	20.40455	20.4221999	0.014144159
epeat 3)	NC	14.7308	14.835	14.7829	18.4498	18.61677	18.533283	0.074306577
	RFC4	15.1929	15.3178	15.2554	16.6633	16.69325	16.6782778	0.372961207

Figure8

D

		β -actin	Duplicate mean		RFC4	Duplicate mean		
MV4-11(Repe	CON	15.455	15.8441	15.6495	19.0715	19.17698	19.1242135	0.08995314
at 1)	NC	13.997	14.0869	14.042	19.0839	19.14531	19.1146271	0.029714809

“ 1 ’	RFC4	15.4235	15.3264	15.375	17.9843	18.17461	18.0794434	0.153416801
MV4-	CON	13.6574	14.1119	13.8847	19.3089	19.35331	19.3310846	0.022933093
11(Repe	NC	15.0799	15.3784	15.2292	18.5312	18.65268	18.5919529	0.097206581
at 2)	RFC4	15.9943	15.8083	15.9013	18.5842	18.37388	18.4790441	0.167507379
MV4-	CON	13.7928	13.9153	13.8541	19.3114	19.46787	19.3896612	0.021558413
11(Repe	NC	15.3477	15.1347	15.2412	18.7902	18.75431	18.7722356	0.086504805
at 3)	RFC4	16.1433	16.0512	16.0973	18.2973	18.39114	18.3442098	0.210667749