

Supplementary data:

***TBK1* duplication is found in normal tension and not in high tension glaucoma patients of Indian origin**

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Table 1. Intraocular pressure of NTG and HTG patients.

	Total samples	Age (years)	Mean IOP (RE) (mm of Hg)	Mean IOP (LE) (mm of Hg)
NTG	158	61.3±13.2	15.5±2.8	15.6±2.9
HTG	161	57.9±10.5	27.9±7.3	28.9±8.7

IOP, intraocular pressure; RE, right eye; LE, left eye.

Table 2. Raw data of copy number quantification for *TBK1*.

Sample ID	Ct_control region	Ct_test region	Δ ct (sample)	Δ ct (control)	Δ Δct	Fold change
NTG						
GL601	30.60	30.89	-0.28	-0.47	0.18	1.14
GL728	30.33	30.56	-0.23	-0.47	0.24	1.18
GL755	29.84	30.17	-0.33	-0.47	0.14	1.10
GL1131	28.59	28.88	-0.29	-0.47	0.18	1.13
GL994	29.85	30.31	-0.47	-0.47	0.00	1.00
GL519	31.28	31.59	-0.32	-0.47	0.15	1.11
GL912	29.80	30.33	-0.53	-0.47	-0.06	0.96
GL573	32.32	32.76	-0.44	-0.47	0.03	1.02
GL862	30.79	31.19	-0.40	-0.47	0.07	1.05
GL730	31.70	31.99	-0.29	-0.47	0.17	1.13
GL1141	28.69	29.21	-0.52	-0.47	-0.05	0.97
GL1133	29.42	29.71	-0.30	-0.47	0.17	1.13
GL995	29.92	30.39	-0.47	-0.47	0.00	1.00
GL520	30.01	30.60	-0.59	-0.47	-0.12	0.92
GL470	32.68	33.13	-0.45	-0.47	0.02	1.01
GL909	29.37	29.75	-0.38	-0.47	0.09	1.07
GL904	29.38	29.85	-0.47	-0.47	0.00	1.00
GL893	31.04	31.62	-0.58	-0.47	-0.12	0.92
GL616	32.65	33.16	-0.52	-0.47	-0.05	0.97
GL736	31.32	31.60	-0.28	-0.47	0.19	1.14
GL764	28.81	29.14	-0.33	-0.47	0.14	1.10
GL1168	28.03	28.54	-0.51	-0.47	-0.04	0.97
GL480	29.82	30.15	-0.33	-0.47	0.13	1.10
GL542	32.95	33.51	-0.55	-0.47	-0.09	0.94
GL431	32.99	33.55	-0.56	-0.47	-0.10	0.94
GL907	30.43	30.81	-0.39	-0.47	0.08	1.06
GL934	28.63	29.17	-0.54	-0.47	-0.07	0.96
GL870	29.24	29.66	-0.42	-0.47	0.05	1.03
GL635	30.22	30.64	-0.42	-0.47	0.05	1.03
GL737	31.14	31.65	-0.51	-0.47	-0.04	0.97

Table 2 (contd)

Sample ID	Ct_control region	Ct_test region	Δ ct (sample)	Δ ct (control)	$\Delta\Delta$ ct	Fold change
GL766	29.48	29.83	-0.35	-0.47	0.12	1.09
GL1170	29.00	29.32	-0.32	-0.47	0.15	1.11
GL481	30.99	31.44	-0.45	-0.47	0.02	1.01
GL548	30.87	31.24	-0.37	-0.47	0.10	1.07
GL426	30.50	30.27	0.23	-0.47	0.70	1.62
GL1323	29.80	30.11	-0.31	-0.47	0.15	1.11
GL896	28.60	28.98	-0.38	-0.47	0.09	1.06
GL471	32.72	33.28	-0.56	-0.47	-0.09	0.94
GL724	31.31	31.59	-0.29	-0.47	0.18	1.14
GL746	29.30	29.59	-0.29	-0.47	0.18	1.13
GL770	29.65	29.89	-0.24	-0.47	0.23	1.17
GL983	28.57	28.85	-0.28	-0.47	0.19	1.14
GL492	30.81	31.47	-0.66	-0.47	-0.19	0.88
GL400	30.30	30.59	-0.30	-0.47	0.17	1.13
GL429	30.55	30.76	-0.21	-0.47	0.25	1.19
GL1354	29.51	29.79	-0.28	-0.47	0.19	1.14
GL582	31.60	31.39	0.22	-0.47	0.68	1.61
GL880	30.45	30.76	-0.31	-0.47	0.16	1.12
GL973	29.35	29.54	-0.20	-0.47	0.27	1.21
GL754	29.35	29.65	-0.30	-0.47	0.17	1.12
GL578	32.74	33.12	-0.38	-0.47	0.09	1.06
GL987	28.66	29.40	-0.73	-0.47	-0.27	0.83
GL499	29.03	29.62	-0.59	-0.47	-0.13	0.92
GL523	30.16	30.72	-0.56	-0.47	-0.10	0.94
GL446	30.17	30.54	-0.37	-0.47	0.10	1.07
GL1361	29.09	29.76	-0.67	-0.47	-0.20	0.87
GL584	29.50	30.08	-0.58	-0.47	-0.11	0.93
GL878	29.73	30.29	-0.56	-0.47	-0.09	0.94
GL941	28.75	29.30	-0.55	-0.47	-0.08	0.95
GL979	28.80	29.14	-0.34	-0.47	0.12	1.09
GL1116	28.81	29.19	-0.37	-0.47	0.09	1.07
GL988	29.34	29.57	-0.23	-0.47	0.24	1.18
GL505	32.78	33.49	-0.71	-0.47	-0.24	0.85
GL532	30.75	31.41	-0.66	-0.47	-0.19	0.88
GL951	28.46	28.68	-0.22	-0.47	0.25	1.19
GL589	30.19	30.51	-0.32	-0.47	0.15	1.11
GL963	28.66	28.89	-0.23	-0.47	0.24	1.18
GL1347	29.73	30.47	-0.74	-0.47	-0.28	0.83
GL1130	28.23	28.71	-0.47	-0.47	-0.01	1.00
GL993	29.81	30.08	-0.27	-0.47	0.19	1.14
GL508	28.97	29.48	-0.51	-0.47	-0.04	0.98
GL537	30.07	30.66	-0.59	-0.47	-0.12	0.92
GL451	30.58	30.87	-0.30	-0.47	0.17	1.13
GL558	30.30	30.47	-0.17	-0.47	0.30	1.23
GL595	28.81	29.12	-0.31	-0.47	0.16	1.12
GL1005	28.75	29.17	-0.42	-0.47	0.05	1.03
GL1015	30.02	30.55	-0.53	-0.47	-0.06	0.96
GL1031	28.57	28.92	-0.35	-0.47	0.12	1.09
GL1035	29.72	30.12	-0.41	-0.47	0.06	1.05
GL1036	29.73	30.23	-0.50	-0.47	-0.03	0.98
GL1037	28.54	29.14	-0.60	-0.47	-0.13	0.91
GL1046	29.50	29.82	-0.31	-0.47	0.15	1.11
GL1047	29.83	30.14	-0.31	-0.47	0.15	1.11
GL1077	29.59	29.82	-0.23	-0.47	0.24	1.18
GL1082	31.48	31.77	-0.29	-0.47	0.18	1.13
GL1086	28.77	29.06	-0.29	-0.47	0.18	1.13
GL1204	29.67	29.96	-0.30	-0.47	0.17	1.13
GL1213	29.55	29.97	-0.42	-0.47	0.05	1.03
GL1224	29.17	29.46	-0.30	-0.47	0.17	1.13
GL1225	29.92	30.37	-0.46	-0.47	0.01	1.01
GL1227	28.61	29.26	-0.66	-0.47	-0.19	0.88
GL1233	28.86	29.29	-0.43	-0.47	0.04	1.03

Table 2 (*contd*)

Sample ID	Ct_control region	Ct_test region	Δ ct (sample)	Δ ct (control)	$\Delta\Delta$ ct	fold change
GL124	29.83	30.19	-0.36	-0.47	0.10	1.07
GL1249	30.75	31.00	-0.25	-0.47	0.22	1.16
GL1252	28.74	29.12	-0.38	-0.47	0.08	1.06
GL1253	28.72	29.25	-0.53	-0.47	-0.06	0.96
GL1262	28.25	28.60	-0.35	-0.47	0.12	1.09
GL1276	28.14	28.54	-0.41	-0.47	0.06	1.05
GL1278	28.72	29.25	-0.53	-0.47	-0.07	0.96
GL128	29.58	30.21	-0.63	-0.47	-0.17	0.89
GL1284	28.46	29.02	-0.57	-0.47	-1.10	0.94
GL1297	29.70	30.23	-0.53	-0.47	-0.06	0.96
GL1325	29.36	30.01	-0.65	-0.47	-0.18	0.88
GL1484	30.66	30.97	-0.31	-0.47	0.16	1.12
GL1487	28.57	29.05	-0.48	-0.47	-0.01	1.00
GL176	29.84	30.33	-0.49	-0.47	-0.02	0.99
GL189	28.53	28.92	-0.39	-0.47	0.08	1.06
GL193	28.72	29.21	-0.49	-0.47	-0.02	0.99
GL206	29.55	30.17	-0.63	-0.47	-0.16	0.90
GL216	29.61	30.26	-0.65	-0.47	-0.18	0.88
GL226	28.51	29.19	-0.68	-0.47	-0.21	0.86
GL228	29.31	29.88	-0.57	-0.47	-0.11	0.93
GL234	29.68	30.16	-0.48	-0.47	-0.01	0.99
GL250	28.49	28.97	-0.48	-0.47	-0.01	0.99
GL251	28.93	29.58	-0.65	-0.47	-0.18	0.88
GL926	28.60	28.99	-0.39	-0.47	0.08	1.06
GL264	28.77	29.29	-0.52	-0.47	-0.06	0.96
GL265	30.37	30.74	-0.38	-0.47	0.09	1.07
GL307	29.72	30.08	-0.36	-0.47	0.11	1.08
GL310	29.33	29.81	-0.48	-0.47	-0.01	0.99
GL328	29.57	29.99	-0.42	-0.47	0.05	1.03
GL337	30.42	30.72	-0.31	-0.47	0.16	1.12
GL341	30.06	30.50	-0.43	-0.47	0.03	1.02
GL372	28.58	28.91	-0.33	-0.47	0.14	1.10
GL374	29.68	30.13	-0.45	-0.47	0.02	1.01
GL379	29.77	30.22	-0.45	-0.47	0.01	1.01
GL382	28.73	29.15	-0.42	-0.47	0.04	1.03
GL390	29.40	29.83	-0.43	-0.47	0.04	1.03
GL436	29.74	30.14	-0.40	-0.47	0.07	1.05
GL444	28.61	28.98	-0.38	-0.47	0.09	1.07
GL456	28.47	28.81	-0.34	-0.47	0.13	1.09
GL794	29.44	29.82	-0.38	-0.47	0.08	1.06
GL605	29.68	30.17	-0.48	-0.47	-0.02	0.99
GL638	29.54	29.79	-0.25	-0.47	0.22	1.16
GL639	31.33	31.53	-0.21	-0.47	0.26	1.20
GL640	29.42	29.77	-0.36	-0.47	0.11	1.08
GL641	29.55	29.90	-0.35	-0.47	0.12	1.09
GL642	29.42	29.79	-0.37	-0.47	0.10	1.07
GL660	29.81	30.35	-0.54	-0.47	-0.07	0.95
GL665	29.18	29.62	-0.44	-0.47	0.03	1.02
GL678	29.73	30.13	-0.40	-0.47	0.07	1.05
GL681	29.61	30.03	-0.43	-0.47	0.04	1.03
GL686	30.55	30.85	-0.30	-0.47	0.17	1.12

Yellow highlight indicate duplication event

Table 2 (contd)

Sample ID	Ct_control region	Ct_test region	Δ ct (sample)	Δ ct (control)	$\Delta\Delta$ ct	fold change
HTG						
GL413	29.17	29.89	-0.72	-0.47	-0.25	0.84
GL414	29.03	29.74	-0.71	-0.47	-0.24	0.85
GL415	28.72	29.38	-0.66	-0.47	-0.19	0.88
GL417	28.90	29.55	-0.65	-0.47	-0.18	0.88
GL419	30.51	31.15	-0.64	-0.47	-0.17	0.89
GL423	29.01	29.65	-0.64	-0.47	-0.17	0.89
GL425	29.87	30.50	-0.63	-0.47	-0.16	0.89
GL433	30.67	31.30	-0.63	-0.47	-0.16	0.89
GL438	31.54	32.17	-0.63	-0.47	-0.16	0.89
GL439	30.50	31.13	-0.63	-0.47	-0.16	0.89
GL441	29.99	30.61	-0.62	-0.47	-0.15	0.90
GL442	31.15	31.77	-0.62	-0.47	-0.15	0.90
GL457	28.53	29.14	-0.61	-0.47	-0.14	0.91
GL458	29.33	29.94	-0.61	-0.47	-0.14	0.91
GL466	28.95	29.55	-0.60	-0.47	-0.13	0.91
GL467	29.94	30.54	-0.60	-0.47	-0.13	0.91
GL468	30.20	30.80	-0.60	-0.47	-0.13	0.91
GL469	31.29	31.89	-0.60	-0.47	-0.13	0.91
GL472	28.89	29.48	-0.59	-0.47	-0.12	0.92
GL477	29.78	30.37	-0.59	-0.47	-0.12	0.92
GL489	29.82	30.41	-0.59	-0.47	-0.12	0.92
GL490	28.97	29.55	-0.58	-0.47	-0.11	0.93
GL500	29.41	29.99	-0.58	-0.47	-0.11	0.93
GL507	30.07	30.65	-0.58	-0.47	-0.11	0.93
GL512	30.53	31.11	-0.58	-0.47	-0.11	0.93
GL513	28.81	29.38	-0.57	-0.47	-0.10	0.93
GL527	28.66	29.23	-0.57	-0.47	-0.10	0.93
GL533	28.93	29.50	-0.57	-0.47	-0.10	0.93
GL536	29.57	30.14	-0.57	-0.47	-0.10	0.93
GL544	28.97	29.53	-0.56	-0.47	-0.09	0.94
GL555	29.12	29.68	-0.56	-0.47	-0.09	0.94
GL559	29.15	29.71	-0.56	-0.47	-0.09	0.94
GL565	30.41	30.97	-0.56	-0.47	-0.09	0.94
GL569	30.12	30.67	-0.55	-0.47	-0.08	0.95
GL574	31.42	31.97	-0.55	-0.47	-0.08	0.95
GL586	31.88	32.43	-0.55	-0.47	-0.08	0.95
GL590	29.64	30.18	-0.54	-0.47	-0.07	0.95
GL620	30.03	30.57	-0.54	-0.47	-0.07	0.95
GL623	31.10	31.64	-0.54	-0.47	-0.07	0.95
GL627	28.62	29.16	-0.54	-0.47	-0.07	0.95
GL630	28.87	29.41	-0.54	-0.47	-0.07	0.95
GL631	29.07	29.61	-0.54	-0.47	-0.07	0.95
GL643	29.71	30.25	-0.54	-0.47	-0.07	0.95
GL644	30.50	31.04	-0.54	-0.47	-0.07	0.95
GL671	31.28	31.82	-0.54	-0.47	-0.07	0.95
GL682	29.03	29.56	-0.53	-0.47	-0.06	0.96
GL688	30.30	30.83	-0.53	-0.47	-0.06	0.96
GL694	30.35	30.88	-0.53	-0.47	-0.06	0.96
GL727	28.92	29.45	-0.53	-0.47	-0.06	0.96
GL731	28.74	29.26	-0.52	-0.47	-0.05	0.97
GL732	29.69	30.21	-0.52	-0.47	-0.05	0.97
GL734	29.59	30.11	-0.52	-0.47	-0.05	0.97
GL748	28.87	29.38	-0.51	-0.47	-0.04	0.97
GL753	29.04	29.55	-0.51	-0.47	-0.04	0.97
GL760	29.93	30.44	-0.51	-0.47	-0.04	0.97
GL761	30.56	31.07	-0.51	-0.47	-0.04	0.97
GL762	30.91	31.42	-0.51	-0.47	-0.04	0.97
GL765	30.12	30.63	-0.51	-0.47	-0.04	0.97
GL773	28.90	29.40	-0.50	-0.47	-0.03	0.98
GL786	30.42	30.92	-0.50	-0.47	-0.03	0.98
GL789	29.11	29.61	-0.50	-0.47	-0.03	0.98

Table 2 (contd)

Sample ID	Ct_control region	Ct_test region	Δ ct (sample)	Δ ct (control)	$\Delta\Delta$ ct	fold change
GL800	29.13	29.63	-0.50	-0.47	-0.03	0.98
GL833	30.11	30.61	-0.50	-0.47	-0.03	0.98
GL841	29.09	29.58	-0.49	-0.47	-0.02	0.99
GL842	29.13	29.62	-0.49	-0.47	-0.02	0.99
GL869	29.17	29.66	-0.49	-0.47	-0.02	0.99
GL873	28.83	29.31	-0.48	-0.47	-0.01	0.99
GL876	29.40	29.88	-0.48	-0.47	-0.01	0.99
GL888	29.31	29.78	-0.47	-0.47	0.00	1.00
GL889	30.43	30.90	-0.47	-0.47	0.00	1.00
GL890	30.89	31.36	-0.47	-0.47	0.00	1.00
GL898	29.12	29.58	-0.46	-0.47	0.01	1.01
GL903	30.44	30.90	-0.46	-0.47	0.01	1.01
GL913	30.24	30.70	-0.46	-0.47	0.01	1.01
GL927	28.97	29.42	-0.45	-0.47	0.02	1.01
GL935	30.31	30.76	-0.45	-0.47	0.02	1.01
GL943	30.24	30.68	-0.44	-0.47	0.03	1.02
GL944	31.92	32.36	-0.44	-0.47	0.03	1.02
GL949	30.67	31.10	-0.43	-0.47	0.04	1.03
GL957	30.90	31.33	-0.43	-0.47	0.04	1.03
GL959	31.23	31.66	-0.43	-0.47	0.04	1.03
GL964	29.11	29.53	-0.42	-0.47	0.05	1.03
GL969	30.32	30.74	-0.42	-0.47	0.05	1.03
GL974	30.43	30.85	-0.42	-0.47	0.05	1.03
GL986	28.74	29.15	-0.41	-0.47	0.06	1.04
GL992	30.09	30.50	-0.41	-0.47	0.06	1.04
GL1008	31.72	32.13	-0.41	-0.47	0.06	1.04
GL1018	30.83	31.24	-0.41	-0.47	0.06	1.04
GL1025	30.93	31.34	-0.41	-0.47	0.06	1.04
GL1033	31.40	31.81	-0.41	-0.47	0.06	1.04
GL1067	29.01	29.41	-0.40	-0.47	0.07	1.05
GL1069	29.13	29.53	-0.40	-0.47	0.07	1.05
GL1070	30.56	30.96	-0.40	-0.47	0.07	1.05
GL1074	30.05	30.44	-0.39	-0.47	0.08	1.06
GL1090	28.57	28.96	-0.39	-0.47	0.08	1.06
GL1092	29.26	29.65	-0.39	-0.47	0.08	1.06
GL1098	30.11	30.49	-0.38	-0.47	0.09	1.06
GL1099	29.91	30.29	-0.38	-0.47	0.09	1.06
GL1100	29.95	30.33	-0.38	-0.47	0.09	1.06
GL1102	30.51	30.89	-0.38	-0.47	0.09	1.06
GL1107	29.12	29.49	-0.37	-0.47	0.10	1.07
GL1110	28.90	29.27	-0.37	-0.47	0.10	1.07
GL1135	30.01	30.38	-0.37	-0.47	0.10	1.07
GL1138	29.00	29.36	-0.36	-0.47	0.11	1.08
GL1142	28.92	29.28	-0.36	-0.47	0.11	1.08
GL1150	29.13	29.49	-0.36	-0.47	0.11	1.08
GL1153	30.83	31.18	-0.35	-0.47	0.12	1.09
GL1157	28.79	29.14	-0.35	-0.47	0.12	1.09
GL1158	29.68	30.03	-0.35	-0.47	0.12	1.09
GL1162	30.61	30.96	-0.35	-0.47	0.12	1.09
GL1163	29.83	30.17	-0.34	-0.47	0.13	1.09
GL1171	30.77	31.11	-0.34	-0.47	0.13	1.09
GL1177	31.30	31.64	-0.34	-0.47	0.13	1.09
GL1178	28.69	29.03	-0.34	-0.47	0.13	1.09
GL1181	31.02	31.36	-0.34	-0.47	0.13	1.09
GL1202	29.13	29.46	-0.33	-0.47	0.14	1.10
GL1205	29.29	29.62	-0.33	-0.47	0.14	1.10
GL1216	29.77	30.10	-0.33	-0.47	0.14	1.10
GL1217	30.12	30.45	-0.33	-0.47	0.14	1.10
GL1234	29.78	30.11	-0.33	-0.47	0.14	1.10
GL1236	30.28	30.61	-0.33	-0.47	0.14	1.10
GL1260	29.90	30.22	-0.32	-0.47	0.15	1.11
GL1261	29.20	29.51	-0.31	-0.47	0.16	1.12
GL1266	30.18	30.49	-0.31	-0.47	0.16	1.12

Table 2 (contd)

Sample ID	Ct_control region	Ct_test region	Δ ct (sample)	Δ ct (control)	$\Delta\Delta$ ct	fold change
GL1267	28.60	28.91	-0.31	-0.47	0.16	1.12
GL1268	30.01	30.32	-0.31	-0.47	0.16	1.12
GL1270	30.21	30.52	-0.31	-0.47	0.16	1.12
GL1271	30.73	31.03	-0.30	-0.47	0.17	1.12
GL1275	28.97	29.27	-0.30	-0.47	0.17	1.12
GL1279	29.09	29.39	-0.30	-0.47	0.17	1.12
GL1283	29.06	29.35	-0.29	-0.47	0.18	1.13
GL1285	30.23	30.51	-0.28	-0.47	0.19	1.14
GL1287	31.68	31.96	-0.28	-0.47	0.19	1.14
GL1302	29.28	29.55	-0.27	-0.47	0.20	1.15
GL1303	30.78	31.05	-0.27	-0.47	0.20	1.15
GL1304	28.99	29.25	-0.26	-0.47	0.21	1.16
GL1310	29.20	29.46	-0.26	-0.47	0.21	1.16
GL1343	29.57	29.83	-0.26	-0.47	0.21	1.16
GL1344	30.91	31.17	-0.26	-0.47	0.21	1.16
GL1345	31.00	31.23	-0.23	-0.47	0.24	1.18
Controls						
GLC81	28.49	29.11	-0.62	-0.47	-0.15	0.90
GLC82	28.69	29.02	-0.33	-0.47	0.14	1.10
GLC83	28.50	28.90	-0.40	-0.47	0.07	1.05
GLC84	30.70	31.27	-0.57	-0.47	-0.10	0.93
GLC85	28.73	29.25	-0.52	-0.47	-0.05	0.97
GLC86	30.10	30.70	-0.60	-0.47	-0.13	0.91
GLC87	29.69	30.13	-0.44	-0.47	0.03	1.02
GLC88	28.80	29.09	-0.29	-0.47	0.18	1.13
GLC89	28.26	28.86	-0.60	-0.47	-0.13	0.91
GLC9	29.63	30.20	-0.57	-0.47	-0.10	0.93
GLC90	28.36	28.78	-0.42	-0.47	0.05	1.03
GLC91	29.01	29.62	-0.61	-0.47	-0.14	0.91
GLC94	28.26	28.66	-0.40	-0.47	0.07	1.05
GLC95	28.11	28.68	-0.57	-0.47	-0.10	0.93
GLC96	28.91	29.41	-0.50	-0.47	-0.03	0.98
GLC97	30.16	30.59	-0.43	-0.47	0.04	1.03
GLC98	28.41	28.94	-0.53	-0.47	-0.06	0.96
GLC99	29.67	30.28	-0.61	-0.47	-0.14	0.91
GRC11	28.67	29.24	-0.57	-0.47	-0.10	0.93
GRC12	29.90	30.46	-0.56	-0.47	-0.09	0.94
GRC14	28.73	29.42	-0.69	-0.47	-0.22	0.86
GRC15	30.27	30.93	-0.66	-0.47	-0.19	0.88
GRC19	30.03	30.53	-0.50	-0.47	-0.03	0.98
GRC2	28.43	29.04	-0.61	-0.47	-0.14	0.91
GRC20	28.73	29.09	-0.36	-0.47	0.11	1.08
GRC21	29.24	29.81	-0.57	-0.47	-0.10	0.93
GRC3	29.78	30.12	-0.34	-0.47	0.13	1.09
GRC4	28.04	28.42	-0.38	-0.47	0.09	1.06
GRC5	28.32	29.01	-0.69	-0.47	-0.22	0.86
GRC8	28.63	29.19	-0.56	-0.47	-0.09	0.94
GRC9	30.10	30.69	-0.59	-0.47	-0.12	0.92
JRC1	31.52	31.99	-0.47	-0.47	0.00	1.00
JRC10	28.52	29.08	-0.56	-0.47	-0.09	0.94
JRC100	30.13	30.74	-0.61	-0.47	-0.14	0.91
JRC101	30.11	30.78	-0.67	-0.47	-0.20	0.87
JRC103	29.47	30.13	-0.66	-0.47	-0.19	0.88
JRC104	29.17	29.74	-0.57	-0.47	-0.10	0.93
JRC105	28.43	29.01	-0.58	-0.47	-0.11	0.93
JRC106	28.72	29.12	-0.40	-0.47	0.07	1.05
JRC107	30.90	31.27	-0.37	-0.47	0.10	1.07
JRC108	28.71	29.16	-0.45	-0.47	0.02	1.01
JRC109	28.88	29.18	-0.30	-0.47	0.17	1.12
JRC110	30.27	30.73	-0.46	-0.47	0.01	1.01
JRC111	28.41	29.01	-0.60	-0.47	-0.13	0.91

Table 2 (contd)

Sample ID	Ct_control region	Ct_test region	Δ ct (sample)	Δ ct (control)	$\Delta\Delta$ ct	fold change
JRC112	28.72	29.31	-0.59	-0.47	-0.12	0.92
JRC113	28.50	29.03	-0.53	-0.47	-0.06	0.96
JRC114	28.13	28.77	-0.64	-0.47	-0.17	0.89
JRC115	28.55	29.18	-0.63	-0.47	-0.16	0.89
JRC116	30.49	30.99	-0.50	-0.47	-0.03	0.98
JRC117	28.57	29.16	-0.59	-0.47	-0.12	0.92
JRC118	28.73	29.16	-0.43	-0.47	0.04	1.03
JRC119	29.42	30.04	-0.62	-0.47	-0.15	0.90
JRC120	30.16	30.70	-0.54	-0.47	-0.07	0.95
JRC123	28.34	28.89	-0.55	-0.47	-0.08	0.95
JRC124	30.51	30.93	-0.42	-0.47	0.05	1.03
JRC127	29.72	30.30	-0.58	-0.47	-0.11	0.93
JRC128	29.65	30.07	-0.42	-0.47	0.05	1.03
JRC129	28.39	28.77	-0.38	-0.47	0.09	1.06
JRC130	29.17	29.77	-0.60	-0.47	-0.13	0.91
JRC131	29.53	30.07	-0.54	-0.47	-0.07	0.95
JRC132	28.57	29.18	-0.61	-0.47	-0.14	0.91
JRC133	31.00	31.60	-0.60	-0.47	-0.13	0.91
JRC134	30.53	30.97	-0.44	-0.47	0.03	1.02
JRC135	28.61	29.04	-0.43	-0.47	0.04	1.03
JRC136	30.51	31.04	-0.53	-0.47	-0.06	0.96
JRC137	28.18	28.79	-0.61	-0.47	-0.14	0.91
JRC138	29.95	30.51	-0.56	-0.47	-0.09	0.94
JRC139	30.04	30.53	-0.49	-0.47	-0.02	0.99
JRC140	30.16	30.71	-0.55	-0.47	-0.08	0.95
JRC142	28.64	29.32	-0.68	-0.47	-0.21	0.86
JRC143	29.62	30.13	-0.51	-0.47	-0.04	0.97
JRC145	30.04	30.64	-0.60	-0.47	-0.13	0.91
JRC146	28.64	28.93	-0.29	-0.47	0.18	1.13
JRC147	29.22	29.73	-0.51	-0.47	-0.04	0.97
JRC148	28.45	28.77	-0.32	-0.47	0.15	1.11
JRC149	28.70	29.18	-0.48	-0.47	-0.01	0.99
JRC15	30.41	30.83	-0.42	-0.47	0.05	1.03
JRC150	29.39	29.78	-0.39	-0.47	0.08	1.06
JRC151	30.48	30.91	-0.43	-0.47	0.04	1.03
JRC152	29.13	29.75	-0.62	-0.47	-0.15	0.90
JRC153	28.64	29.18	-0.54	-0.47	-0.07	0.95
JRC155	30.27	30.75	-0.48	-0.47	-0.01	0.99
JRC156	29.12	29.74	-0.62	-0.47	-0.15	0.90
JRC157	29.43	30.04	-0.61	-0.47	-0.14	0.91
JRC158	31.12	31.65	-0.53	-0.47	-0.06	0.96
JRC16	29.79	30.33	-0.54	-0.47	-0.07	0.95
JRC160	30.32	30.79	-0.47	-0.47	0.00	1.00
JRC161	30.17	30.73	-0.56	-0.47	-0.09	0.94
JRC162	29.43	30.03	-0.60	-0.47	-0.13	0.91
JRC163	28.55	28.97	-0.42	-0.47	0.05	1.03
JRC164	31.23	31.70	-0.47	-0.47	0.00	1.00
JRC165	30.92	31.53	-0.61	-0.47	-0.14	0.91
JRC166	28.94	29.49	-0.55	-0.47	-0.08	0.95
JRC167	30.81	31.40	-0.59	-0.47	-0.12	0.92
JRC168	28.46	29.06	-0.60	-0.47	-0.13	0.91
JRC169	28.42	28.86	-0.44	-0.47	0.03	1.02
JRC17	29.61	30.07	-0.46	-0.47	0.01	1.01
JRC170	28.62	29.10	-0.48	-0.47	-0.01	0.99
JRC175	28.63	29.09	-0.46	-0.47	0.01	1.01
JRC176	29.07	29.59	-0.52	-0.47	-0.05	0.97
JRC177	28.64	29.13	-0.49	-0.47	-0.02	0.99
JRC179	28.41	28.87	-0.46	-0.47	0.01	1.01
JRC182	28.92	29.29	-0.37	-0.47	0.10	1.07
JRC185	28.45	28.86	-0.41	-0.47	0.06	1.04
JRC188	28.70	29.21	-0.51	-0.47	-0.04	0.97
JRC191	28.33	28.90	-0.57	-0.47	-0.10	0.93

Table 2 (contd)

Sample ID	Ct_control region	Ct_test region	Δ ct (sample)	Δ ct (control)	$\Delta\Delta$ ct	fold change
JRC194	30.41	31.00	-0.59	-0.47	-0.12	0.92
JRC23	29.31	29.97	-0.66	-0.47	-0.19	0.88
JRC24	29.40	30.03	-0.63	-0.47	-0.16	0.89
JRC26	30.15	30.78	-0.63	-0.47	-0.16	0.89
JRC27	28.84	29.30	-0.46	-0.47	0.01	1.01
JRC28	28.88	29.30	-0.42	-0.47	0.05	1.03
JRC29	30.35	30.87	-0.52	-0.47	-0.05	0.97
JRC32	31.63	31.99	-0.36	-0.47	0.11	1.08
PR1215	28.53	29.20	-0.67	-0.47	-0.20	0.87
PR1240	28.93	29.46	-0.53	-0.47	-0.06	0.96
PR245	29.87	30.48	-0.61	-0.47	-0.14	0.91
PR255	28.76	29.41	-0.65	-0.47	-0.18	0.88
PR274	30.73	31.23	-0.50	-0.47	-0.03	0.98
PR307	30.20	30.76	-0.56	-0.47	-0.09	0.94
PR366	28.63	29.24	-0.61	-0.47	-0.14	0.91
PR428	28.56	29.16	-0.60	-0.47	-0.13	0.91
PR430	29.70	30.30	-0.60	-0.47	-0.13	0.91
PR436	29.28	29.72	-0.44	-0.47	0.03	1.02
PR445	32.10	32.52	-0.42	-0.47	0.05	1.03
PR468	30.05	30.50	-0.45	-0.47	0.02	1.01
PR471	29.71	30.07	-0.36	-0.47	0.11	1.08
PR483	28.74	29.38	-0.64	-0.47	-0.17	0.89
PR640	30.94	31.28	-0.34	-0.47	0.13	1.09
PR649	30.11	30.68	-0.57	-0.47	-0.10	0.93
PR725	30.42	30.89	-0.47	-0.47	0.00	1.00
PR740	29.55	30.08	-0.53	-0.47	-0.06	0.96
W120	29.11	29.63	-0.52	-0.47	-0.05	0.97
W137	29.96	30.50	-0.54	-0.47	-0.07	0.95
W138	29.74	30.08	-0.34	-0.47	0.13	1.09
W150	31.71	32.32	-0.61	-0.47	-0.14	0.91
W156	31.05	31.45	-0.40	-0.47	0.07	1.05
W160	29.60	30.15	-0.55	-0.47	-0.08	0.95
W161	28.79	29.27	-0.48	-0.47	-0.01	0.99
W168	29.53	30.15	-0.62	-0.47	-0.15	0.90
W184	29.78	30.31	-0.53	-0.47	-0.06	0.96
W185	29.57	30.18	-0.61	-0.47	-0.14	0.91
W187	30.90	31.44	-0.54	-0.47	-0.07	0.95
W191	28.82	29.23	-0.41	-0.47	0.06	1.04
W192	28.60	28.98	-0.38	-0.47	0.09	1.06
W197	28.14	28.53	-0.39	-0.47	0.08	1.06
W200	28.77	29.36	-0.59	-0.47	-0.12	0.92
W204	28.57	29.16	-0.59	-0.47	-0.12	0.92
W205	28.66	29.10	-0.44	-0.47	0.03	1.02
W207	30.27	30.89	-0.62	-0.47	-0.15	0.90
W212	29.51	30.13	-0.62	-0.47	-0.15	0.90
W213	29.56	30.01	-0.45	-0.47	0.02	1.01
W215	29.70	30.30	-0.60	-0.47	-0.13	0.91
W223	28.55	28.94	-0.39	-0.47	0.08	1.06
W228	30.28	30.87	-0.59	-0.47	-0.12	0.92
W241	28.55	29.02	-0.47	-0.47	0.00	1.00
W243	29.45	29.79	-0.34	-0.47	0.13	1.09
W246	28.39	28.89	-0.50	-0.47	-0.03	0.98
W279	28.37	28.79	-0.42	-0.47	0.05	1.03
W284	28.66	29.09	-0.43	-0.47	0.04	1.03
W288	30.55	30.93	-0.38	-0.47	0.09	1.06
W293	28.72	29.26	-0.54	-0.47	-0.07	0.95
W294	30.52	31.07	-0.55	-0.47	-0.08	0.95
W303	31.22	31.59	-0.37	-0.47	0.10	1.07
W307	29.15	29.72	-0.57	-0.47	-0.10	0.93
W314	28.90	29.47	-0.57	-0.47	-0.10	0.93
W315	29.21	29.81	-0.60	-0.47	-0.13	0.91
W318	28.65	29.16	-0.51	-0.47	-0.04	0.97

Table 2 (contd)

Sample ID	Ct_control region	Ct_test region	Δ ct (sample)	Δ ct (control)	$\Delta\Delta$ ct	fold change
W321	28.71	29.34	-0.63	-0.47	-0.16	0.89
W396	28.94	29.31	-0.37	-0.47	0.10	1.07
W398	29.41	30.01	-0.60	-0.47	-0.13	0.91
W400	28.70	29.07	-0.37	-0.47	0.10	1.07
W403	29.78	30.18	-0.40	-0.47	0.07	1.05
W404	28.66	29.02	-0.36	-0.47	0.11	1.08
W412	28.57	28.91	-0.34	-0.47	0.13	1.09
W413	28.06	28.46	-0.40	-0.47	0.07	1.05
W415	28.92	29.59	-0.67	-0.47	-0.20	0.87
W421	29.62	30.03	-0.41	-0.47	0.06	1.04
W431	28.06	28.51	-0.45	-0.47	0.02	1.01
W435	29.85	30.28	-0.43	-0.47	0.04	1.03
W436	29.52	29.97	-0.45	-0.47	0.02	1.01
W441	30.80	31.24	-0.44	-0.47	0.03	1.02

The value of delta Ct (controls), in column F, is the average of Ct values for 70 independent controls. As the TBK1 duplication is absent in the database of genomic variants (<http://dgv.tcag.ca/dgv/app/home>), we needed to use controls also as unknowns. For this a sample earlier reported to have TBK1 duplication was used as positive controls. Thus, for all three work-sheets, the values in column F is identical as this 70 control sets were tested to have two copies against the positive control and used as the reference Ct value representing two copies for the rest of the data.