

Supplementary Materials for

Origin of the U87MG glioma cell line: Good news and bad news

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Table S1. STR analysis of the Uppsala collection of glioblastoma cell lines.

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Table S1. STR analysis of the Uppsala collection of glioblastoma cell lines. The results from the PowerPlex 16HS system and the AmpFlSTR Identifiler PCR Amplification Kit. Genotypes in *italic* are results from the AmpFlSTR kit that deviate from the PowerPlex 16HS system. Penta E and Penta D are not included in the AmpFlSTR kit and D2S1338 and D19S433 are not included in the PowerPlex 16HS system. A low number of dropouts was seen when comparing the genotyping data obtained with both the PowerPlex 16HS and AmpFlSTR Identifiler kit. Differences in passage numbers could possibly be a contributing factor to these minor changes. n.d., not determined.

	CSFIPO	FGA	vWA	TH01	TPOX	PentaE	Penta D	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D19S433	D21S11	AMEL
U87MG	10/11	20/24	15/19	8/9	8/11	7/13	11/11	17/20	15/15	11/12	10/13	13/14	11/12	9/13	n.d (14/14)	14/15	28/30	XX
U105MG	11/11	18/20	17/17	7/9.3	8/9	5/14	8/12	17/26	17/18	7/13	8/11	12/14	11/12	12/13	n.d (14/18)	13/14	29/30	XY
U118MG	11/12	18/23	18/18	6/6	8/8	7/13	10/13	23/25	15/15	11/11	9/9	14/15	9/11 (9/9)	12/13	n.d (13/13)	13/13	27/32.2	XY
U138MG	11/12	18/23	18/18	6/6	8/8	7/13	10/13	23/25	15/15	11/11	9/9	14/15	9/9 (9/11)	12/13	n.d (13/14)	13/13	27/32.2	XY
U178MG	10/12	22/26	18/19	7/7	8/11			14/15	17/17	12/13	8/10	13/14	10/11	10/13	14/15	14/15	28/30	XY
U251MG	11/12	21/25	16/18	9.3/9.3	8/8	7/7	10/12	22/24	16/17	11/12	10/12	13/15	10/11	12/12	13/15	13/15	29/30	XY
U343MG	10/12	19/20 (20/20)	17/18	6/9.3	8/9	10/12	9/10	22/24	15/17	12/13	9/11	13/14	9/13 (9/9)	9/12	21/23 (23/23)	13/14	31/33.2	XY
U372MG	10/11	22/23	14/16	9.3/9.3	8/11	n.d	12/14	17/18	17/18	9/11	9/9	13/13	11/12	12/13	13/15	13/14	30/30	XY
U373MG	11/12	20/20	17/18	7/9.3	8/8	11/13	9/13	17/25	17/17	12/12	8/12	13/16	8/8	12/13	14/22 (14/14)	13/14	28/32.2	XX
U399MG	11/12	22/25	15/18	6/9.3	8/8	n.d	10/12	17/20	15/18	9/13	8/11	10/13	12/12	12/13	14/15	14/14	29/31.2	XY

U410 MG	10/11	20/22	16/18	8/8	8/11	7/11	9/9	18/20	15/15 (15/18)	n.d (11/12)	8/10	10/13	11/13	11/11	13/18	14/16.2	28/31.2	XY
U539MG	9/11	21/23	17/19	9.3/9.3	9/11	n.d	12/14	20/25	15/16	11/13	10/11	13/14	11/13	11/12	15/17	13/15	29/30	XX
U563MG	9/11	21/25	14/16	7/9.3	11/11	10/16	9/11	19/21	n.d (17/17)	13/13	8/9	13/15	11/11	9/11	16/17	13/14	30/30	XY
U706MG	10/12	22/26	18/19	7/9.3	8/11	n.d	9/14	16/20	16/17	11/12	11/11	12/14	11/11	11/13	13/14	14/16	30/32.2	XX
U1073MG	12/13	21/23	18/19	6/6	10/11	n.d	9/13	19/20	15/15	11/12	8/13	15/15	13/13	13/15	13/16	13.2/14	29/29	XY
U1176MG	13/13	21.2/21.2	17/17	6/6	8/11	7/12	9/10	19/25	16/16	11/11	10/10	15/15	9/9	11/11	12/15	15/15	28/30	XY
U1231MG	13/13	20/24	14/19	7/9.3	8/11	n.d	9/12	18/25	18/19	11/13	11/12	11/13	9/12	11/12	14/14	14/15	29/29	XY
U1240MG	11/13	21/21	17/19	9.3/9.3	8/8			17/17	15/16	11/13	8/11	10/12	11/13	11/13	16/16	13.2/13. 2	29/30.2	XY
U1242MG	10/12	19/22 (22/22)	15/15	9/10	8/10	13/15	17/19	17/18	17/19	9/11	9/11 (11/11)	12/12	11/13	13/13	16/16	14/14	28/31	XX
U1796MG	10/11	21/21 (20/21)	17/17	9/9.3	9/9	11/14	12/13	17/17	15/15	12/13	11/11	12/13	8/8	12/12	13/18	14/15	32.2/33. 2	XX