

Supplementary Table 1. Cellular characteristics of the UM cell lines used in this study as previously described.¹⁻³

***Cell lines derived from the same patient**

Cellular characteristics and protein expression	UM Cell Line						
	92.1	OMM.1	Mel270*	Omm2.5*	MM66	MP41	MP46
Origin	Primary	Subcutaneous metastasis	Primary	Liver metastasis	Liver metastasis	Primary	Primary
Cell Type	Epithelioid	Mixed	Spindle	Mixed	Mixed	Mixed	Mixed
Doubling time	~36h	~36h	~48h	~36h	-36h	-36h	-36h
MelanA (IHC)	+	+	+	+	+	+	+
HMB45 (IHC)	+	+	+	ND	+	+	+
nBAP1 (IHC)	+	+	+	+	+	+	-
nSOX10 (IHC)	+	+	ND	ND	+	+	+
Chr 3	Partial losses	G?	N	N	N	L	N
Chr 8	G	G	N	N	G	G8q	G8q
GNAQ mutation	c.626 A>T	-	c.626 A>C	c.626 A>C	-	-	c.626 A>T
GNA11 mutation	-	c.626 A>T	-	-	c.626 A>T	c.626 A>A/T	-
BAP1 mutation	ND	ND	ND	ND	-	-	-
SF3B1 mutation	-	-	-	-	-	-	-
EIF1AX mutation	c.17 G/A	-	-	-	-	-	-

N = normal, L = Loss, G = Gain, ND = not done, - = negative, + = positive.

References

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2. Griewank KG, Yu X, Khalili J, et al. Genetic and molecular characterization of uveal melanoma cell lines. *Pigment Cell Melanoma Res.* 2012;25:182-187.
3. Jager JM, Magner JA, Ksander BR, Dubovy SR. Uveal melanoma cell lines: where do they come from? (An American Ophthalmological Society Thesis). *Trans Am Ophthalmol Soc.* 2016;114:T5.