

Supplementary materials

HDAC Inhibition Increases HLA Class I Expression in Uveal Melanoma

Zahra Souri ¹, Aart G. Jochemsen ², Mieke Versluis ¹, Annemijn P.A. Wierenga ¹, Fariba Nemati ³, Pieter A. van der Velden ¹, Wilma G.M. Kroes ⁴, Robert M. Verdijk ^{5,6}, Gregorius P.M. Luyten ¹ and Martine J. Jager ^{1,*}

¹ Department of Ophthalmology, LUMC, Albinusdreef 2, 2333 ZA Leiden, The Netherlands; z.souri@lumc.nl (Z.S.); m.versluis@lumc.nl (M.V.); a.p.a.wierenga@lumc.nl (A.P.A.W.); p.a.van_der_velden@lumc.nl (P.A.v.d.V.); g.p.m.luyten@lumc.nl (G.P.M.L.)

² Department of Cell and Chemical Biology, LUMC, 2333 ZA Leiden, The Netherlands; a.g.jochemsen@lumc.nl

³ Laboratory of preclinical investigation, Department of Translational Research, Institut Curie, PSL University, 75248 Paris, France; fariba.nemati@curie.fr

⁴ Department of Clinical Genetics, LUMC, 2333 ZA Leiden, The Netherlands; w.g.m.kroes@lumc.nl

⁵ Department of Pathology, LUMC, 2333 ZA Leiden, The Netherlands; r.m.verdijk@lumc.nl

⁶ Department of Pathology, Section Ophthalmic Pathology, ErasmusMC, Dr Molewaterplein 40, 3015 GD Rotterdam, The Netherlands

* Correspondence: m.j.jager@lumc.nl

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Table S1. Gene expression (Illumina) Probe Number in an Illumina HT12v4 array and mean expression of the genes used in this study.

Gene of interest	Illumina probe number	Mean expression ± SD
HLA-A probe 1	ILMN_1671054	11.40 ± 0.90
HLA-A probe 2	ILMN_2203950	13.84 ± 0.77
HLA-A probe 3	ILMN_2186806	10.71 ± 1.45
HLA-B	ILMN_1778401	11.33 ± 1.67
HDAC1	ILMN_1727458	10.18 ± 0.45
HDAC2	ILMN_1767747	9.28 ± 0.48
HDAC3	ILMN_1772455	8.49 ± 0.20
HDAC4	ILMN_1764396	7.57 ± 0.39
HDAC5 probe 1	ILMN_2388166	6.52 ± 0.10
HDAC5 probe 2	ILMN_1810856	6.63 ± 0.13
HDAC6	ILMN_1798546	7.94 ± 0.26
HDAC7 probe 1	ILMN_3266186	6.86 ± 0.20
HDAC7 probe 2	ILMN_1728521	6.89 ± 0.21
HDAC8	ILMN_1651544	6.85 ± 0.24
HDAC9	ILMN_2408885	6.68 ± 0.12
HDAC11	ILMN_1684690	7.49 ± 0.40
EZH2	ILMN_1708105	6.65 ± 0.15

Table S2. Sequences of PCR primers used in this study.

Primers	Forward	Reverse
HLA-A	5'- TGTGTTCTGTAGGCATA	5'- TTGAGACAGAGATGGAGAC
HLA-B	5'- CTCCATCTCTGTCTCAACTT	5'- CATCAACCTCTCATAGCA
RPS11	5'- AAGCAGCCGACCATCTTTCA	5'- CGGGAGCTTCTCCTTGCC
CAPNS1	5'- ATGGTTTTGGCATTGACACATG	5'- GCTTGCCTGTGGTGTCTGC
SRPR	5'- CATTGCTTTGCACGTAACCA	5'- ATTGCTTGCATGCGGCC