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Cooperativity of HOXA5 and STAT3 is critical for HDAC8 inhibition-mediated transcriptional activation of PD-L1 in human melanoma cells

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**Cooperativity of HOXA5 and STAT3 is critical for HDAC8 inhibition-mediated transcriptional activation of PD-L1 in human melanoma cells**

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**Running title:** HDAC8 controls HOXA5-mediated regulation of PD-L1

**Abbreviations:** PD-L1: programmed death-ligand 1; HDACs: histone deacetylases; HOXA5: homeobox A5; STAT3: signal transducer and activator of transcription 3; NF-κB: nuclear factor kappa-light-chain-enhancer of activated B cells; HIF-1α: hypoxia-inducible factor alpha; MYC: v-myc avian myelocytomatosis viral oncogene homolog.

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