



**Supplemental Figure 1 Clinical presentation of iris melanomas with corresponding mutations**

Clinical pictures of iris melanoma (**A-D**) with the corresponding identified activating mutations in *GNAQ* and *GNA11* (**E-H**). In tumors **C** and **D** the additionally identified *EIF1AX* mutations are demonstrated under the identified *GNA11* and *GNAQ* mutations. The annotation is according to human genome assembly 19 (hg19).