



**S7 Fig. Age-associated hypermethylation in blood is also reflected in other tissues.**

The correlation of DNAm levels at CpGs that become either hypermethylated **(A)** or hypomethylated **(B)** upon aging in normal blood were analyzed across different tumor types and their corresponding normal controls from TCGA (short cuts for cancer types correspond to Table 1; red lines indicate thresholds for age-related CpGs in normal blood:  $p > 0.5$  or  $< -0.5$ , respectively). Overall, hypermethylated CpGs reveal age-associated hypermethylation also in other control tissue, whereas this was hardly observed in hypomethylated CpGs. Furthermore, almost none of the CpGs correlated with chronological age in any of the cancer datasets.