Figure S5. Differences between LT- and ST-HSCs

(**A**) Differences in the average loadings of PCs 1-10 for old vs. young HSCs (*y*-axis) and for ST- vs. LT-HSCs (*x*-axis) after excluding all cycling cells. Only the first two PCs have diametrically opposing patterns for differentiation and aging. (**B**) PCA was performed for old LT-HSCs and ST-HSCs from two biological replicates after excluding all cycling cells (replicate 1 – dots, replicate 2 – open circles). Plot shows the loadings of PC1 and PC2, colored based on their cell type and age as in Figure 3. (**C**) Distribution of the signature scores for 5 gene-sets (preMegE, preGM, preCFU-E, MkP, CLP) (Sanjuan-Pla et al. 2013) (*x*-axis) for LT-HSC (red), ST-HSC (blue) and MPP (green) in young (top) and old (bottom) mice.