**Supplementary File 6**. The table collects relevant information on key cell identity genes expressed by reprogrammed cells derived from young and old donors.

|  |  |  |
| --- | --- | --- |
| **Gene** | **Young vs. old iVECs [log2FC]** | **[FDR]** |
| *FLT1* | -0.478 | 0.999 |
| *KDR* | 0.160 | 0.999 |
| *ROBO4* | 0.052 | 0.999 |
| *CDH5* | -0.408 | 0.999 |
| *NECTIN3* | -0.267 | 0.999 |
| *TJP2* | -0.030 | 0.999 |

|  |  |  |
| --- | --- | --- |
| **Gene** | **Young vs. old iSM cells [log2FC]**  |  **[FDR]** |
| *ACTA2* | -0.568 | 0.999 |
| *TAGLN* | -0.102 | 0.999 |
| *CNN1* | 0.124 | 0.999 |
| *MYLK* | -0.070 | 0.999 |