

Table S2. Comparison of mtDNA copy number (mtDNA-CN) and telomere length (TL) in patients (n=27) and controls (n=22).

| Aging marker | | | | | | | | | | | | |
|--|--|-----------|---------|-------|-------|-------------------|---|-------------|--------------------|------|-------|-------------------|
| Time point | Mean value for relative quantification of mtDNA copy number (mtDNA / nDNA ratio) | | | | | | Mean value for relative quantification of Telomere Length (T/S ratio) | | | | | |
| | Patients | Controls | p-value | t | df | CI _{95%} | Patients | Controls | p-value | t | df | CI _{95%} |
| T0 | 0.71±0.65 | 0.79±0.68 | 0.69 | 0.40 | 44.11 | -0.31-0.47 | 0.53±0.24 | 0.90±0.36 | <0.001* | 3.96 | 32.25 | 0.18-0.56 |
| T1 | 1.52±1.14 | 0.95±0.91 | 0.09 | -1.72 | 35.52 | -1.25-0.10 | 0.91±0.28 | 1.10±0.17 | 0.02 | 2.56 | 33.61 | 0.04-0.34 |
| T2 | 2.24±1.76 | 1.40±1.00 | 0.23 | -1.28 | 11.79 | -2.27-0.59 | 0.59±0.27 | 1.09±0.18 | <0.001** | 4.54 | 11.68 | 0.26-0.73 |
| p-value of the comparison of mtDNA copy number and telomere length in patients and controls at the three time points | | | | | | | | | | | | |
| | Patients | Controls | | | | | Patients | Controls | | | | |
| T0 vs T1 | <0.001 | 0.54 | | | | | <0.001 | 0.04 | | | | |
| T0 vs T2 | <0.001 | 0.07 | | | | | 0.54 | 0.07 | | | | |
| T1 vs T2 | 0.19 | 0.20 | | | | | 0.013 | 0.86 | | | | |

* p -value = 0.0003859, ** p -value = 0.0007254, **significant p -values are shown in bold**. df, degrees of freedom. CI, confidence interval. **ANOVA test** was used for the comparison of mtDNA copy number (mt DNA-CN) and telomere length (TL) in patients and controls.