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| --- | --- | --- |
| **Parameter** | **Values** | **Reference** |
| MtDNA copy number | 200 (range 180-250) | (Lee, Johnson et al. 2015) |
| Stem cell replacement rate | 0.3/day | (Kozar, Morrissey et al. 2013) |
| Stem cell number | 7 | (Kozar, Morrissey et al. 2013) |
| Stem cell division rate | Once per day | (Barker, van Es et al. 2007) |
| Heteroplasmy threshold (5024) for COX deficiency | 70% | (Kauppila, Baines et al. 2016) |
| MtDNA mutation frequency in wt mice | Increases exponentially from 6x10-7 -1.5x10-5 from 4 months to 33 months | (Vermulst, Bielas et al. 2007) |

<https://www.nature.com/articles/nature06196> Barker et al  
<https://www.ncbi.nlm.nih.gov/pubmed/24035355> Koza et al  
<https://www.ncbi.nlm.nih.gov/pubmed/27626666> Kauppila et al  
<https://www.nature.com/articles/ng1988> Vermulst et al  
<https://www.ncbi.nlm.nih.gov/pubmed/25719248> Lee et al

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