

0.01 Decay Constant

0.00

-0.01

-0.01

0.00

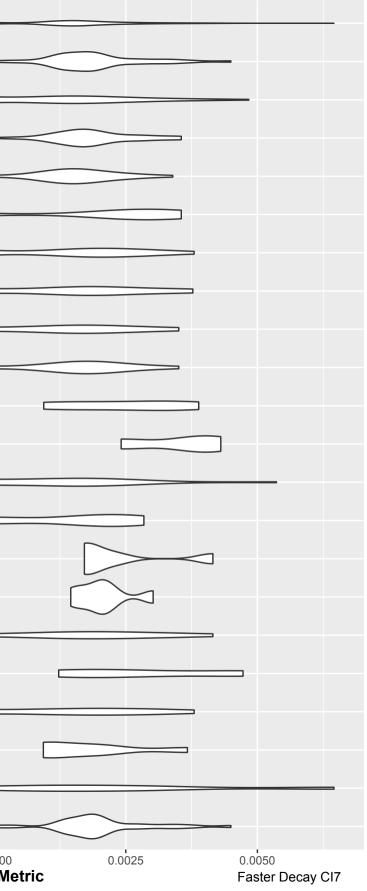
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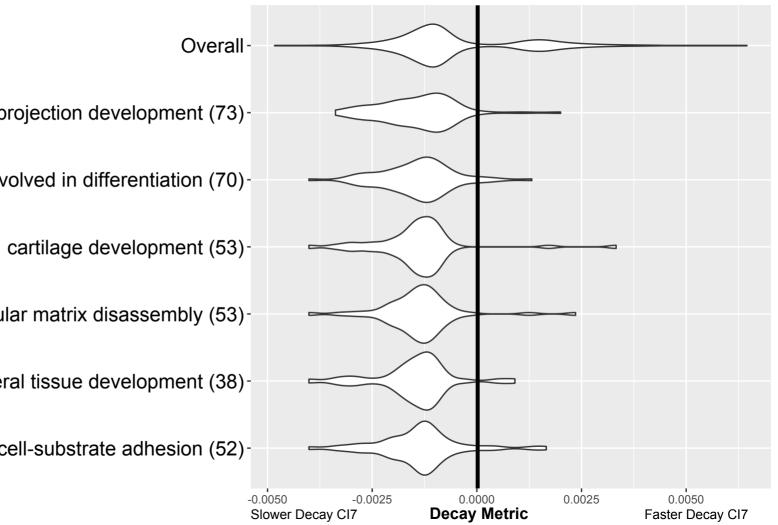


- mitochondrial translation (44)
  - ribosome biogenesis (87)-
- DNA damage response, signal transduction by p53 class mediator resulting in cell cycle arrest (29)
  - negative regulation of DNA metabolic process (29)-
  - negative regulation of cyclin-dependent protein serine/threonine kinase activity (11)
    - regulation of ubiquitin-protein ligase activity involved in mitotic cell cycle (30)
      - regulation of cellular response to heat (15)
        - tRNA metabolic process (33)-
          - RNA modification (23)-
      - chaperone-mediated protein complex assembly (5)
        - vitamin D receptor signaling pathway (3)-
      - transcription elongation from RNA polymerase II promoter (21)
        - positive regulation of mRNA 3'-end processing (10)-
        - positive regulation of interferon-beta production (5)
          - quinone metabolic process (6)-
        - transcription from RNA polymerase III promoter (17)-
          - UMP biosynthetic process (3)-
          - protein monoubiquitination (19)-
          - regulation of regulated secretory pathway (6)-
        - positive regulation of striated muscle cell differentiation (7)
          - mitochondrial translational elongation (34)-

-0.0050 -0.0025 Slower Decay Cl7

0.0000 Decay Metric





Supplement Fig. 2B

positive regulation of neuron projection development (73)-

positive regulation of cell morphogenesis involved in differentiation (70)-

extracellular matrix disassembly (53)-

biomineral tissue development (38)-

regulation of cell-substrate adhesion (52)-