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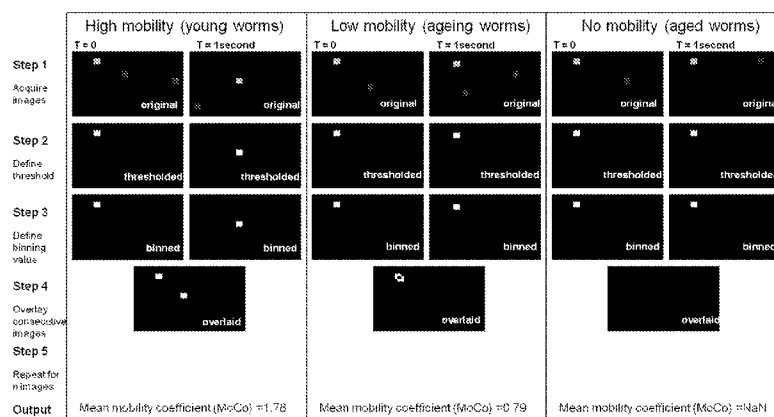
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(54) Title: METHOD FOR ASSESSING CELL AGING

Figure 4



(57) Abstract: The present invention relates to a method for determining a change in the mobility of a population of organisms over time, said method comprising: a) obtaining a first image (I1) of the population at a first time point (T1) b) obtaining a second image (I2) of the population at a second time point (T2) c) calculating the absolute differences between I1 and I2 ($\Delta D1$) d) obtaining a third image (I3) of the population at a third time point (T3) e) obtaining a fourth image (I4) of the population at a fourth time point (T4) f) calculating the absolute differences between I3 and I4 ($\Delta D2$). g) calculating the change between $\Delta D1$ and $\Delta D2$ to calculate a change mobility of the population as a whole.