

Table 2. Change in the prevalence of DNA strand breaks throughout the life span of mammals (from [1]). SSB Single-strand breaks, DSB Double-strand breaks

Structural change	Mammal/tissue	Degree of change	% life span	Ref.
SSB (pol. template)	Mouse/neurons and astrocytes	+2.5 ×	90	Price et al., 1971
	Mouse/Kupffer cells	+3 ×	90	Price et al., 1971
	Mouse/cardiac muscle	+5 ×	90	Price et al., 1971
SSB (gradient)	Rat/liver	+10 ×	97	Massie et al., 1972
SSB, DSB (gradient)	Beagle/cerebellum	+2 ×	70	Wheeler & Lett, 1974
SSB (gradient)	Rabbit/retina	+1.5 ×	100	Lett, 1977
S <sub>1</sub> substrate	Mouse/liver	+0 to 25%	97	Chetsanga et al., 1975
	Mouse/heart	+2.6 to 15.1%	80	Chetsanga et al., 1976
	Mouse/brain	+2.0 to 14.2%	80	Chetsanga et al., 1977
S <sub>1</sub> substrate plus thermal stability	Mouse/liver	none	85	Dean & Cutler, 1978