

TABLE V  
VALUES USED FOR RADIOSENSITIVITY-NUCLEAR PARAMETER ANALYSES<sup>a</sup>

<i>Species</i>	<i>Chromosome No.</i>	<i>Interphase nuclear volume</i> ( $\mu\text{m}^3$ )	<i>Nuclear DNA content</i> ( $\text{pg}$ )	<i>Interphase chromosome volume</i> ( $\mu\text{m}^3$ )	<i>Chromosome DNA content</i> ( $\text{pg}$ )	<i>LD<sub>50</sub></i> ( <i>R</i> )
XL	36	125	7.5	3.47	0.208	2000 <sup>e</sup>
RT	26	129	8.8	4.96	0.338	1500 <sup>d</sup>
HSQ	24	137 <sup>f</sup>	10.4	5.71	0.433	1125
RP	26	164 <sup>f</sup>	15.0	6.31	0.577	755
DF <sup>b</sup>	28	568 <sup>f</sup>	36.0	20.29	1.29	530
AMX	28	943	77.0	33.68	2.75	500 <sup>e</sup>
NV	22	943 <sup>f</sup>	93.2	42.86	4.24	475
NM	38	1598 <sup>f</sup>	196.8	42.05	5.18	<215

<sup>a</sup> Unless otherwise noted, see Table III for data sources.

<sup>b</sup> LD<sub>50</sub> and volume data from Ref. 7.

<sup>c</sup> LD<sub>50</sub> from Ref. 37.

<sup>d</sup> LD<sub>50</sub> from Ref. 38.

<sup>e</sup> LD<sub>50</sub> from Ref. 27.

<sup>f</sup> Volume data based upon animals sacrificed on day of irradiation.