Supplemental Table 2. Laboratory experiments that have evaluated the effects of dietary restriction protocols on the survival of mice. The table lists 193 experiments involving a group of DR-fed mice paired with a reference group of mice maintained on a control diet (e.g., *ad lib* feeding). Experiments have been ordered chronologically according to the date of publication. Median and maximum lifespan estimates were reported in original research papers, or were otherwise estimated from published survival curves. In most cases, the median lifespan estimate is listed in the table (see "Median LS" columns and footnotes). Estimates listed under the "Max LS" columns correspond to one of several metrics, depending upon data reported in the published study (e.g., maximum survival time, average of longest-lived 10%; see footnotes).

Study	Strain	Sex	Sample Size (n)		Median LS (Months)		Max LS (Months)	
			DR	Control	DR	Control	DR	Control
Robertson et al 1934[1]	White	F	24	24	27.3	25.8	33.2[d]	31.4[d]
Robertson et al 1934[1]	White	M	24	24	24.8	23.7	31.6[d]	31.4[d]
Saxton et al 1944[2]	AK	M,F	94	111	12.1	8.1	27.0[a]	17.0[a]
Ball et al 1947[3]	A	F	46	72	13.4	10.5	22.1[d]	14.5[d]
Lee et al. 1956[4]	C3H	M	18	18	27.3	15.0	34.0[a]	19.0[a]
Lee et al. 1956[4]	C3H	M	18	18	23.4	13.0	25.0[a]	17.0[a]
Silberberg et al 1962[5]	A	M	30	49	11.3	16.0	24.6[a]	28.7[a]
Silberberg et al 1962[6]	A	F	30	35	19.1[†]	29.8[†]	29.8[a]	28.1[a]
Silberberg et al 1962[6]	B6	F	30	29	22.0[†]	22.4[†]	30.6[a]	32.9[a]
Gerbase-DeLima et al 1975[7]	B6	F	100	100	33.7	31.2	> 40.0[a]	38.0[a]
Leto et al 1976[8]	B6	F	70	70	28.0	23.5	38.9[a]	28.0[a]
Fernandes et al 1976a[9]	NZB	F	22	26	17.0	14.2	23.7[d]	21.8[d]
Fernandes et al 1976a[9]	NZB	M	27	36	15.6	13.7	21.4[d]	21.3[d]
Fernandes et al 1976b[10]	C3H	F	18	17	13.0	14.0	18.0[a]	16.0[a]
Fernandes et al 1976c[11]	(B/W)F1	F	12	12	18.3	10.6	> 23.3[a]	15.1[a]
Fernandes et al 1976c[11]	(B/W)F1	M	12	12	> 23.3	11.7	> 23.3[a]	15.0[a]
Fernandes et al 1976c[11]	(B/W)F1	F	12	12	16.0	10.2	19.5[a]	18.2[a]
Fernandes et al 1976c[11]	(B/W)F1	M	12	12	> 23.3	16.2	> 23.3[a]	21.7[a]
Fernandes et al 1976c[11]	(B/W)F1	F	12	12	15.6	10.6	> 23.3[a]	18.8[a]
Fernandes et al 1976c[11]	(B/W)F1	M	12	12	18.6	14.7	> 23.3[a]	20.3[a]
Fernandes et al 1976c[11]	(B/W)F1	F	12	12	18.2	11.0	> 23.3[a]	19.5[a]
Fernandes et al 1976c[11]	(B/W)F1	M	12	12	> 23.3	16.3	> 23.3[a]	20.0[a]
Fernandes et al 1976c[11]	DBA/2f	F	12	12	14.3	14.5	18.7[a]	> 21.7[a]

Fernandes et al 1976c[11]	DBA/2f	M	12	12	13.9	15.5	16.6[a]	18.7[a]
Fernandes et al 1976c[11]	DBA/2f	F	12	12	16.6	17.4	20.0[a]	> 21.7[a]
Fernandes et al 1976c[11]	DBA/2f	M	12	12	15.9	21.7	> 21.7[a]	> 21.7[a]
Stoltzner 1977[12]	Balb/c	M	188	199	24.2	19.7	30.0[b]	28.1[b]
Fernandes et al 1978[13]	kd/kd	M,F	9	20	> 16.0	< 8.0	> 16.0[a]	< 8.0[a]
Goodrick 1978[14]	A/J	M	50	50	22.7[†]	21.4[†]	31.0[a]	29.0[a]
Goodrick 1978[14]	B6	M	50	50	24.3[†]	21.2[†]	36.0[a]	30.0[a]
Goodrick 1978[14]	(A/J x B6)F1	M	50	50	28.1[†]	24.0[†]	41.0[a]	33.0[a]
Tucker 1979[15]	Swiss albino	F	50	50	25.7[†]	22.1[†]	39.1[a]	34.7[a]
Tucker 1979[15]	Swiss albino	M	50	50	24.7[†]	22.6[†]	37.3[a]	34.1[a]
Cheney et al 1980[16]	B6	M	14	15	24.0	25.8	44.6[a]	40.7[a]
Cheney et al 1980[16]	B6	F	21	20	31.4	34.3	45.3[a]	31.5[a]
Cheney et al 1980[16]	B6	F	100	100	30.3[†]	30.1[†]	46.8[a]	42.5[a]
Cheney et al 1980[16]	B6	F	75	75	28.3	32.0	45.5[a]	43.7[a]
Cheney et al 1980[16]	B6	F	76	66	33.3	31.9	51.0[a]	45.7[a]
Weindruch and Walford 1982[17]	B6	M	29	24	29.9[†]	24.9[†]	38.2[b]	31.5[b]
Cheney et al 1983[18]	B10C3F1	F	114	114	48.3	41.2	56.1[a]	47.4[a]
Harrison et al 1984[19]	B6	F	38	32	28.3	26.6	39.6[b]	32.2[b]
Rehm et al 1985[20]	NMRI	F	150	150	26.0[†]	22.0[†]	32.7[a]	26.8[a]
Rehm et al 1985[20]	NMRI	F	150	150	23.5[†]	19.8[†]	31.8[a]	26.2[a]
Rehm et al 1985[20]	NMRI	F	150	150	21.5[†]	19.4[†]	30.7[a]	26.8[a]
Weindruch et al 1986[21]	(C3B10R)F1	F	60	57	45.1[†]	32.7[†]	53.0[b]	39.7[b]
Nelson and Halberg 1986[22]	(CD2)F1	F	278	168	34.6[†]	29.2[†]	45.6[b]	37.6[b]
Harrison and Archer 1987[23]	B6	M	48	45	19.7	29.3	35.2[b]	36.1[b]
Harrison and Archer 1987[23]	B6CBAF1	M	34	35	39.7	32.8	52.9[b]	41.4[b]
Goodrick et al 1990[24]	B6	M	40	40	31.7[†]	25.0[†]	38.3[c]	31.1[c]
Goodrick et al 1990[24]	B6	M	30	30	29.2[†]	26.4[†]	38.8[c]	34.6[c]
Goodrick et al 1990[24]	B6	M	30	30	27.0[†]	26.9[†]	37.6[c]	35.2[c]
Blackwell et al 1995[25]	B6	M	55	50	31.7	27.5	41.0[b]	34.8[b]
Blackwell et al 1995[25]	B6	F	56	37	33.5	26.9	40.2[b]	34.1[b]
Sheldon et al 1995[26]	B6C3F1	M	56	56	43.8	32.2	50.8[b]	41.8[b]
Sheldon et al 1995[26]	B6C3F1	F	55	56	41.3	30.3	48.1[b]	36.4[b]

Yoshida et al 1997[27]	C3H/HeNirMs	M	135	165	27.8[†]	26.3[†]	35.2[d]	32.9[d]
Pugh et al 1999[28]	B6	M	75	75	34.6	29.8	41.8[b]	37.8[b]
Bartke et al 2001[29]	Heterogeneous	M,F	26	26	30.6	24.1	39.1[d]	29.0[d]
Forster et al 2003[30]	B6	M	22	22	32.6	26.3	42.7[a]	34.3[a]
Forster et al 2003[30]	B6D2F1	M	22	22	34.1	27.0	46.8[a]	35.7[a]
Forster et al 2003[30]	DBA/2	M	22	22	23.7	25.1	33.6[a]	36.9[a]
Ikeno et al 2005[31]	B6	M	28	28	36.0	30.8	41.7d	34.5d
Ikeno et al 2005[31]	B6	M	32	30	37.8	31.2	45.6d	35.4d
Bonkowski et al 2006[32]	Heterogeneous	M	19	19	35.4	29.8	42.4[a]	37.1[a]
Bonkowski et al 2006[32]	Heterogeneous	F	19	19	39.3	30.7	46.1[a]	38.6[a]
Harper et al 2006[33]	wild	M	35	39	29.0[†]	29.6[†]	53.2[d]	43.9[d]
Pearson et al. 2008[34]	B6	M	55	60	30.6[†]	29.4[†]	35.0[d]	34.0[d]
Harper et al 2010[35]	(B6×129)F2	F	24	24	34.8	25.8	44.9[d]	31.1[d]
Flurkey et al 2010[36]	UMHET3	M	16	14	36.7[†]	27.7[†]	47.3[b]	40.6[b]
Flurkey et al 2010[36]	UMHET3	F	16	16	39.0[†]	27.9[†]	46.1[b]	33.8[b]
Flurkey et al 2010[36]	CByB6F1	M	16	16	42.8[†]	28.6[†]	45.7[b]	36.9[b]
Flurkey et al 2010[36]	CByB6F1	F	16	16	42.8[†]	28.6[†]	51.2[b]	39.0[b]
Liao et al 2010[37]	ILSXISS 3	M	5	5	22.0	23.3	31.4[a]	35.5[a]
Liao et al 2010[37]	ILSXISS 3	F	5	5	37.6	34.8	38.8[a]	40.5[a]
Liao et al 2010[37]	ILSXISS 7	M	5	5	32.7	34.9	39.4[a]	37.9[a]
Liao et al 2010[37]	ILSXISS 7	F	3	5	13.1	38.1	14.0[a]	40.3[a]
Liao et al 2010[37]	ILSXISS 13	M	5	5	31.9	23.2	32.4[a]	31.3[a]
Liao et al 2010[37]	ILSXISS 13	F	5	5	31.2	28.8	32.6[a]	31.2[a]
Liao et al 2010[37]	ILSXISS 14	M	5	5	34.7	31.5	36.7[a]	34.4[a]
Liao et al 2010[37]	ILSXISS 16	F	5	5	21.0	22.9	28.5[a]	30.1[a]
Liao et al 2010[37]	ILSXISS 19	M	4	5	14.4	32.7	20.3[a]	34.9[a]
Liao et al 2010[37]	ILSXISS 19	F	5	5	22.0	31.3	34.2[a]	33.5[a]
Liao et al 2010[37]	ILSXISS 22	M	4	5	34.6	38.9	35.1[a]	40.6[a]
Liao et al 2010[37]	ILSXISS 23b	M	9	11	32.6	35.4	34.5[a]	40.3[a]
Liao et al 2010[37]	ILSXISS 23b	F	14	15	20.7	33.0	30.3[a]	38.4[a]
Liao et al 2010[37]	ILSXISS 24	M	5	5	16.5	27.6	31.6[a]	31.3[a]
Liao et al 2010[37]	ILSXISS 24	F	5	5	18.7	34.1	21.5[a]	40.5[a]

Liao et al 2010[37]	ILSXISS 25	M	5	5	35.7	32.6	36.2[a]	35.6[a]
Liao et al 2010[37]	ILSXISS 25	F	3	5	10.8	32.6	16.9[a]	34.9[a]
Liao et al 2010[37]	ILSXISS 26	M	5	5	29.0	34.8	33.7[a]	35.5[a]
Liao et al 2010[37]	ILSXISS 26	F	5	5	34.0	35.0	37.5[a]	35.7[a]
Liao et al 2010[37]	ILSXISS 28	F	4	5	23.7	23.9	29.6[a]	27.5[a]
Liao et al 2010[37]	ILSXISS 41	M	5	5	21.8	26.2	23.6[a]	28.3[a]
Liao et al 2010[37]	ILSXISS 41	F	5	5	22.1	32.9	29.8[a]	33.4[a]
Liao et al 2010[37]	ILSXISS 46	F	5	5	41.2	38.2	41.5[a]	38.7[a]
Liao et al 2010[37]	ILSXISS 48	M	5	5	30.5	25.0	33.2[a]	32.0[a]
Liao et al 2010[37]	ILSXISS 48	F	5	5	31.3	29.9	35.9[a]	37.9[a]
Liao et al 2010[37]	ILSXISS 49	M	5	4	30.0	29.7	33.8[a]	34.2[a]
Liao et al 2010[37]	ILSXISS 49	F	5	5	35.2	23.7	39.8[a]	26.4[a]
Liao et al 2010[37]	ILSXISS 50	M	5	5	14.3	15.3	19.5[a]	22.4[a]
Liao et al 2010[37]	ILSXISS 50	F	5	5	30.7	9.7	31.5[a]	25.9[a]
Liao et al 2010[37]	ILSXISS 51	M	5	5	36.7	33.9	38.3[a]	36.9[a]
Liao et al 2010[37]	ILSXISS 51	F	5	5	39.9	27.3	40.7[a]	34.3[a]
Liao et al 2010[37]	ILSXISS 52	M	4	5	21.2	23.8	22.2[a]	27.2[a]
Liao et al 2010[37]	ILSXISS 56	M	5	5	40.6	42.6	43.2[a]	43.4[a]
Liao et al 2010[37]	ILSXISS 56	F	5	5	34.9	38.2	37.7[a]	41.8[a]
Liao et al 2010[37]	ILSXISS 60	F	4	5	39.2	35.8	40.1[a]	38.6[a]
Liao et al 2010[37]	ILSXISS 62	M	5	5	14.4	35.2	22.4[a]	37.7[a]
Liao et al 2010[37]	ILSXISS 66	M	5	5	27.9	22.8	39.2[a]	29.6[a]
Liao et al 2010[37]	ILSXISS 66	F	5	5	28.0	24.8	32.2[a]	29.4[a]
Liao et al 2010[37]	ILSXISS 79	M	3	5	35.5	36.5	35.5[a]	40.5[a]
Liao et al 2010[37]	ILSXISS 80	M	5	5	30.1	26.8	31.1[a]	31.0[a]
Liao et al 2010[37]	ILSXISS 80	F	5	5	30.2	29.6	35.0[a]	33.4[a]
Liao et al 2010[37]	ILSXISS 84	M	5	5	31.0	30.0	33.4[a]	32.4[a]
Liao et al 2010[37]	ILSXISS 84	F	5	5	11.0	27.0	16.6[a]	31.8[a]
Liao et al 2010[37]	ILSXISS 86	M	3	5	6.5	37.0	11.1[a]	38.1[a]
Liao et al 2010[37]	ILSXISS 86	F	5	4	28.6	30.9	29.6[a]	38.5[a]
Liao et al 2010[37]	ILSXISS 89	M	5	5	41.7	31.7	42.7[a]	35.4[a]
Liao et al 2010[37]	ILSXISS 89	F	5	5	33.2	29.6	40.3[a]	30.1[a]

Liao et al 2010[37]	ILSXISS 90	M	5	5	27.5	27.6	29.7[a]	30.4[a]
Liao et al 2010[37]	ILSXISS 90	F	5	5	35.4	30.2	36.2[a]	32.5[a]
Liao et al 2010[37]	ILSXISS 92	M	5	5	36.7	33.1	38.4[a]	39.0[a]
Liao et al 2010[37]	ILSXISS 92	F	5	5	35.3	26.6	36.7[a]	35.3[a]
Liao et al 2010[37]	ILSXISS 94	M	5	5	23.0	23.9	26.0[a]	36.5[a]
Liao et al 2010[37]	ILSXISS 94	F	5	5	32.5	23.3	35.2[a]	28.8[a]
Liao et al 2010[37]	ILSXISS 97	M	3	5	14.1	33.0	16.5[a]	33.2[a]
Liao et al 2010[37]	ILSXISS 97	F	5	5	14.7	33.3	20.3[a]	35.2[a]
Liao et al 2010[37]	ILSXISS 98	M	5	5	21.2	39.6	30.6[a]	43.6[a]
Liao et al 2010[37]	ILSXISS 98	F	5	5	20.1	41.6	27.5[a]	44.6[a]
Liao et al 2010[37]	ILSXISS 99	M	5	5	28.8	31.0	33.8[a]	34.9[a]
Liao et al 2010[37]	ILSXISS 99	F	5	5	19.4	29.6	25.1[a]	33.7[a]
Liao et al 2010[37]	ILSXISS 100	M	3	5	28.3	29.8	29.8[a]	31.2[a]
Liao et al 2010[37]	ILSXISS 100	F	3	5	32.5	30.8	33.8[a]	30.9[a]
Liao et al 2010[37]	ILSXISS 103	M	5	5	34.3	27.4	37.7[a]	35.4[a]
Liao et al 2010[37]	ILSXISS 103	F	2	5	36.9	28.5	37.4[a]	32.7[a]
Liao et al 2010[37]	ILSXISS 107	M	5	5	19.9	36.0	21.9[a]	39.4[a]
Liao et al 2010[37]	ILSXISS 107	F	5	5	22.5	19.9	25.2[a]	35.1[a]
Liao et al 2010[37]	ILSXISS 110	M	5	5	36.5	19.6	40.1[a]	31.2[a]
Liao et al 2010[37]	ILSXISS 110	F	5	5	29.3	28.4	39.9[a]	33.4[a]
Liao et al 2010[37]	ILSXISS 112	M	4	4	33.4	31.6	37.5[a]	39.4[a]
Liao et al 2010[37]	ILSXISS 112	F	5	5	25.9	20.0	40.7[a]	27.6[a]
Liao et al 2010[37]	ILSXISS 114	M	2	5	22.3	33.8	26.4[a]	34.8[a]
Liao et al 2010[37]	ILSXISS 114	F	4	5	12.1	30.4	14.9[a]	35.3[a]
Liao et al 2010[37]	ILSXISS 115	M	4	5	9.4	33.1	13.6[a]	36.3[a]
Liao et al 2010[37]	ILSXISS 115	F	2	5	3.8	24.9	4.9[a]	30.8[a]
Liao et al 2010[37]	ILSXISS 117	M	5	5	23.2	29.8	25.4[a]	36.4[a]
Liao et al 2010[37]	ILSXISS 117	F	2	5	33.4	21.4	35.9[a]	27.5[a]
Liao et al 2010[37]	ILSXISS 122	M	5	5	28.0	28.6	29.8[a]	32.0[a]
Liao et al 2010[37]	ILSXISS 122	F	3	5	8.8	33.7	15.2[a]	38.5[a]
Liao et al 2010[37]	ILSXISS 123	M	5	5	32.8	30.5	34.8[a]	35.0[a]
Liao et al 2010[37]	ILSXISS 123	F	5	5	36.4	32.1	39.9[a]	33.7[a]

Rikke et al 2010[38]	ILSXISS 3	F	12	10	33.9	32.1	38.3[a]	40.0[a]
Rikke et al 2010[38]	ILSXISS 5	F	12	10	33.9	12.7	38.6[a]	28.7[a]
Rikke et al 2010[38]	ILSXISS 7	F	9	10	17.9	31.6	30.1[a]	32.8[a]
Rikke et al 2010[38]	ILSXISS 13	F	12	9	18.7	28.2	26.0[a]	29.2[a]
Rikke et al 2010[38]	ILSXISS 14	F	10	10	14.9	27.5	25.2[a]	31.3[a]
Rikke et al 2010[38]	ILSXISS 16	F	12	10	25.2	24.0	26.7[a]	27.4[a]
Rikke et al 2010[38]	ILSXISS 19	F	12	9	25.5	27.6	31.9[a]	31.1[a]
Rikke et al 2010[38]	ILSXISS 22	F	11	10	25.8	25.4	31.7[a]	30.5[a]
Rikke et al 2010[38]	ILSXISS 23	F	10	7	37.2	29.4	39.0[a]	35.1[a]
Rikke et al 2010[38]	ILSXISS 28	F	12	10	18.4	20.0	21.0[a]	24.4[a]
Rikke et al 2010[38]	ILSXISS 36	F	10	10	21.7	23.3	28.1[a]	29.0[a]
Rikke et al 2010[38]	ILSXISS 41	F	12	10	33.1	28.5	35.3[a]	31.8[a]
Rikke et al 2010[38]	ILSXISS 46	F	12	10	34.2	30.8	37.8[a]	32.8[a]
Rikke et al 2010[38]	ILSXISS 48	F	12	10	21.8	27.6	31.9[a]	29.5[a]
Rikke et al 2010[38]	ILSXISS 49	F	11	10	24.5	21.1	30.8[a]	21.3[a]
Rikke et al 2010[38]	ILSXISS 51	F	12	5	34.0	27.8	37.0[a]	29.8[a]
Rikke et al 2010[38]	ILSXISS 52	F	12	10	20.0	20.5	23.7[a]	24.7[a]
Rikke et al 2010[38]	ILSXISS 55	F	6	10	22.8	16.3	24.8[a]	24.0[a]
Rikke et al 2010[38]	ILSXISS 62	F	12	10	32.6	35.0	41.6[a]	41.5[a]
Rikke et al 2010[38]	ILSXISS 66	F	11	10	12.7	18.4	36.1[a]	31.9[a]
Rikke et al 2010[38]	ILSXISS 70	F	12	7	22.3	23.5	34.9[a]	32.4[a]
Rikke et al 2010[38]	ILSXISS 73	F	12	10	27.7	25.0	34.3[a]	31.6[a]
Rikke et al 2010[38]	ILSXISS 75	F	12	10	28.6	22.0	32.8[a]	30.7[a]
Rikke et al 2010[38]	ILSXISS 76	F	11	10	23.4	27.0	26.6[a]	29.8[a]
Rikke et al 2010[38]	ILSXISS 86	F	12	10	16.8	32.0	23.9[a]	34.4[a]
Rikke et al 2010[38]	ILSXISS 88	F	12	10	30.4	32.0	33.5[a]	35.9[a]
Rikke et al 2010[38]	ILSXISS 89	F	9	9	34.9	21.9	37.8[a]	31.0[a]
Rikke et al 2010[38]	ILSXISS 90	F	12	10	24.1	28.0	29.0[a]	31.3[a]
Rikke et al 2010[38]	ILSXISS 92	F	11	10	31.5	28.6	37.0[a]	35.0[a]
Rikke et al 2010[38]	ILSXISS 94	F	12	10	29.5	27.5	34.9[a]	33.9[a]
Rikke et al 2010[38]	ILSXISS 97	F	9	9	28.4	27.4	35.9[a]	32.7[a]
Rikke et al 2010[38]	ILSXISS 99	F	12	9	7.7	29.7	23.8[a]	33.2[a]

Rikke et al 2010[38]	ILSXISS 100	F	12	10	28.4	29.0	32.1[a]	32.3[a]
Rikke et al 2010[38]	ILSXISS 102	F	12	8	26.5	27.2	30.0[a]	30.5[a]
Rikke et al 2010[38]	ILSXISS 103	F	12	10	29.2	22.7	33.9[a]	28.6[a]
Rikke et al 2010[38]	ILSXISS 107	F	11	10	28.1	29.1	32.0[a]	39.1[a]
Rikke et al 2010[38]	ILSXISS 110	F	12	10	30.2	31.8	37.3[a]	33.7[a]
Rikke et al 2010[38]	ILSXISS 114	F	12	9	21.9	24.5	25.2[a]	30.8[a]
Rikke et al 2010[38]	ILSXISS 115	F	8	9	39.0	22.6	43.7[a]	27.8[a]
Rikke et al 2010[38]	ILSXISS 117	F	12	10	18.1	27.0	27.4[a]	34.8[a]
Rikke et al 2010[38]	ILSXISS 122	F	12	10	33.8	30.9	41.0[a]	34.5[a]
Rikke et al 2010[38]	ILSXISS 123	F	12	10	28.5	25.8	33.6[a]	29.3[a]

[†]The value listed is a mean lifespan rather than median lifespan.

[a]Maximum survival time in the cohort.

[b]Average of the longest 10% of survival times in the cohort.

[c]Average of the longest 20% of survival times in the cohort.

[d]Age at 10% survival

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