

Supplementary Data

Single Nucleotide Variants (SNVs) Define Senescence-Accelerated SAMP8 Mice, a Model of a Geriatric Condition

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Supplementary Table 1
Primer sequences for each SNV assayed used for mutation validation

Data ID	Chr	position	reference base	variant base	gene	allele 1 primer sequence	allele 2 primer sequence	reverse primer sequence
IGL279	1	153286639	T	A	1190005F20RIK	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GGTGGCTATGTAGTGTGAT
IGL279	19	59049495	G	A	4930506M07RIK	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	TGGTTTCAGATCAGCAGTTCGAA
IGL279	10	80733977	G	C	APBA3	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	AACTTCTGTCCCTTCTTA
IGL279	8	23116905	G	C	ATP7B	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	AGASCCTGCAAGCCAGAT
IGL279	7	6948157	G	A	AURKC	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GCTTGGGAGTCTCTAGAT
IGL279	6	29311393	G	T	CALU	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GATGGTTCCTCACTGTGGAT
IGL279	18	61111933	C	T	CAMK2A	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	CCCTGCTACAGTCAAGT
IGL279	8	107071592	T	G	CAR7	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GTGGAGCTCTTGAGCAGATA
IGL279	13	54827683	A	G	CDHR2	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	CACGTTGCTTGGAGATAAA
IGL279	17	80955643	T	C	CDKL4	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GGGCTACACACAGATGAAA
IGL279	9	102492715	C	A	CEP63	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	CTCTGCTGTGTGGGTTA
IGL279	9	97483091	G	T	CLTN2	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	TGGCTAGATCAATGCCACAA
IGL279	3	121158017	C	T	CNN3	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	ACCAAGTTCAGCTGCAGAT
IGL279	8	115305415	C	T	CNTNAP4	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	CATCTTGTGTGTGTGACAT
IGL279	17	80674680	C	T	DHX57	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GGGAGTGTCCCGTACATTT
IGL279	5	9128117	T	G	DMTF1	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	TCCTGTATTGCTGTCTGTCA
IGL279	17	30944165	A	A	DNAH8	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	ACAAGTTCAGCCACGTCAAT
IGL279	9	99258756	G	C	ESYT3	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GTGCTTGGAGACAGATGT
IGL279	19	24355043	C	T	FXN	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GGGAGCTGGAGTAGCA
IGL279	8	71812334	C	T	IMMT	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GTACACTCACTCAAAAATCTTT
IGL279	6	11006858	G	A	IRS2	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	AGCAACAACCCAGTCAAT
IGL279	13	44997781	C	A	JARID2	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	CCAAAGGTAGACCTGTTT
IGL279	6	71561948	G	A	KDM3A	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	CAGTCAAACCTGAGAGATT
IGL279	14	100386793	G	A	KLF12	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GAAGTTCAGTCCGCACATA
IGL279	9	63185886	C	T	MAP2K5	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GATTCGCTTCCAAAGCAATAGTA
IGL279	9	80134082	T	G	MYO6	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GTAAATGTGTATGGAGCCCTA
IGL279	X	98502446	G	A	NLGN3	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	CCGTTTACCCTGGACCAAT
IGL279	11	35920361	C	A	ODZ2	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GATCAAAGTGCACAGTATT
IGL279	X	7500133	G	T	PCSK1N	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	AGAGCCCCAGTACGTT
IGL279	4	75590897	C	T	PPIRD	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GATCAAAGTGCACAGTATT
IGL279	3	88565645	C	T	RYH11	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GCTTAGAAACTGGCCGGA
IGL279	10	7587218	C	T	SYT11	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	CCATCCCTCCCTGCATA
IGL279	7	13929910	C	T	ZC3H12D	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	ACGAACTCCGTCACAGA
IGL279	4	89890773	A	G	ZFP110	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GAGTGTGTGAGTCTTACATT
IGL279	7	13002286	C	T	ZFP352	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	GCATGCTTCCATAGAGACAA
IGL279	7	13002286	A	G	ZFP551	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	AGGATGAATGGCTAGTGCAA
IGL279	15	57885103	G	A	ZHX1	GAAGTCCGAGTCAACGGATTTGCACATCTCTAGCTGGAAAT	GAAGTGAACCAAGTTCATGCTGCACATCTGTAGCCCTGGAAA	CCGAGTAAACAGACCCCAAT

