

Sample	Gene Symbol	Accession Number	Fold Regulation (Comparing to Young Control Group)	Standard Deviation	p-value
Aged Control	<i>Dnm1</i>	NM_152816	1.58	0.234245	<.00001
Aged Control	<i>Uxt</i>	NM_013840	9.39	0.234245	<.00001
Aged Control	<i>Lrpprc</i>	NM_028233	13.68	0.008263	<.00001
Aged Control	<i>Msto1</i>	NM_144898	66.73	0.007589	<.00001
Aged Control	<i>Rhot1</i>	NM_021536	-207.69	0.00823	<.00001
Aged Control	<i>Opa1</i>	NM_133752	-3.14	0.031803	<.00001
Aged Control	<i>Nefl</i>	NM_010910	61.63	0.018787	<.00001
Aged Control	<i>Rhot2</i>	NM_145999	3.48	0.013376	<.00001
Aged Control	<i>Fis1</i>	NM_025562	-5.13	0.019065	<.00001
Aged Control	<i>Cox10</i>	NM_178379	17.27	0.003446	<.00001
Aged Control	<i>Timm23</i>	NM_016897	1.39	0.004842	<.00001
Aged Control	<i>Timm44</i>	NM_011592	-1.04	0.00398	<.00001
Aged Control	<i>Timm10</i>	NM_013899	8.39	0.023751	<.00001
Aged Control	<i>Timm50</i>	NM_025616	1.85	0.044106	<.00001
Aged Control	<i>Immp1l</i>	NM_028260	-1.19	0.034824	<.00001
Aged Control	<i>Timm17a</i>	NM_011590	1.53	0.028881	<.00001
Aged Control	<i>Immp2l</i>	NM_053122	1.18	0.234245	<.00001
Aged Control	<i>Timm8b</i>	NM_013897	2.99	0.095470	<.00001
Aged Control	<i>Timm22</i>	NM_019818	14.38	0.047256	<.00001
Aged Control	<i>Timm8a1</i>	NM_013898	17.41	0.063537	<.00001
Aged Control	<i>Timm9</i>	NM_001024853	3.87	0.002554	<.00001
Aged Control	<i>Taz</i>	NM_181516	2.48	0.028792	<.00001
Aged Control	<i>Timm17b</i>	NM_011591	10.11	0.014457	<.00001
Aged Control	<i>Tspo</i>	NM_009775	1.28	0.234245	<.00001
Aged Control	<i>Aip</i>	NM_016666	-326.34	0.003166	<.00001
Aged Control	<i>Hspd1</i>	NM_010477	-90.97	0.054196	<.00001
Aged Control	<i>Mipep</i>	NM_027436	-64.85	0.013615	<.00001
Aged Control	<i>Dnajc19</i>	NM_026332	12.4	0.061241	<.00001
Aged Control	<i>Grpel1</i>	NM_024478	2.33	0.012067	<.00001
Aged Control	<i>Bak1</i>	NM_007523	-161	0.178643	<.00001
Aged Control	<i>Ucp2</i>	NM_011671	-6.6	0.024373	<.00001
Aged Control	<i>Bcl2l1</i>	NM_009743	3.53	0.014027	<.00001
Aged Control	<i>Stard3</i>	NM_021547	2.65	0.031873	<.00001
Aged Control	<i>Ucp3</i>	NM_009464	7.6	0.108464	<.00001
Aged Control	<i>Mtx2</i>	NM_016804	-5.55	0.020456	<.00001
Aged Control	<i>Trp53</i>	NM_011640	1.74	0.069787	<.00001
Aged Control	<i>Bcl2</i>	NM_009741	8.67	0.010395	<.00001
Aged Control	<i>Cpt2</i>	NM_009949	34.97	0.034522	<.00001
Aged Control	<i>Bnip3</i>	NM_009760	3.02	0.028107	<.00001
Aged Control	<i>Ucp1</i>	NM_009463	271.99	0.027232	<.00001

Sample	Gene Symbol	Accession Number	Fold Regulation (Comparing to Age-Matched Control Group)	Standard Deviation	p-value
Young, Day 3	<i>Dnm1</i>	NM_152816	-1.21	0.276608	0.022
Young, Day 3	<i>Uxt</i>	NM_013840	1.11	0.136816	0.325
Young, Day 3	<i>Lrpprc</i>	NM_028233	-1.67	0.206227	<.00001
Young, Day 3	<i>Msto1</i>	NM_144898	-1.52	0.257993	0.0015
Young, Day 3	<i>Rhot1</i>	NM_021536	-1.81	0.411938	<.00001
Young, Day 3	<i>Opa1</i>	NM_133752	-1.93	0.176302	0.0098
Young, Day 3	<i>Nefl</i>	NM_010910	-16.03	0.464787	<.00001
Young, Day 3	<i>Rhot2</i>	NM_145999	-1.41	0.088974	0.0383
Young, Day 3	<i>Fis1</i>	NM_025562	-1.24	0.294903	0.004282
Young, Day 3	<i>Cox10</i>	NM_178379	-1.41	0.278589	0.03421
Young, Day 3	<i>Timm23</i>	NM_016897	-1.16	0.046935	0.1079
Young, Day 3	<i>Timm44</i>	NM_011592	-1.3	0.048469	<.00001
Young, Day 3	<i>Timm10</i>	NM_013899	-1.01	0.134599	0.962442
Young, Day 3	<i>Timm50</i>	NM_025616	-1.32	0.096663	0.001482
Young, Day 3	<i>Immp1l</i>	NM_028260	-1.16	0.252645	0.312214
Young, Day 3	<i>Timm17a</i>	NM_011590	-1.5	0.229514	0.006123
Young, Day 3	<i>Immp2l</i>	NM_053122	-1.14	0.258759	0.5616
Young, Day 3	<i>Timm8b</i>	NM_013897	-1.13	0.125470	0.615718
Young, Day 3	<i>Timm22</i>	NM_019818	-1.4	0.312279	<.00001
Young, Day 3	<i>Timm8a1</i>	NM_013898	1.02	0.407620	0.775596
Young, Day 3	<i>Timm9</i>	NM_001024853	-1.24	0.034566	0.357806
Young, Day 3	<i>Taz</i>	NM_181516	-1.96	0.106519	0.00106
Young, Day 3	<i>Timm17b</i>	NM_011591	-1.24	0.227383	0.053124
Young, Day 3	<i>Tspo</i>	NM_009775	2.02	0.081228	0.006535
Young, Day 3	<i>Aip</i>	NM_016666	-1.2	0.148237	0.025979
Young, Day 3	<i>Hspd1</i>	NM_010477	-1.33	0.263548	0.003565
Young, Day 3	<i>Mipep</i>	NM_027436	-1.52	0.478993	0.000322
Young, Day 3	<i>Dnajc19</i>	NM_026332	-1.35	0.450200	<.00001
Young, Day 3	<i>Grpel1</i>	NM_024478	-1.3	0.214436	0.033441
Young, Day 3	<i>Bak1</i>	NM_007523	1.91	0.179809	0.018645
Young, Day 3	<i>Ucp2</i>	NM_011671	1.15	0.339305	0.429549
Young, Day 3	<i>Bcl2l1</i>	NM_009743	1.8	0.270009	0.052695
Young, Day 3	<i>Stard3</i>	NM_021547	1.18	0.132324	0.028373
Young, Day 3	<i>Ucp3</i>	NM_009464	-1.82	0.342365	0.149324
Young, Day 3	<i>Mtx2</i>	NM_016804	-1.39	0.136178	0.020888
Young, Day 3	<i>Trp53</i>	NM_011640	-1.18	0.349259	0.008851
Young, Day 3	<i>Bcl2</i>	NM_009741	-1.34	0.376117	0.038421
Young, Day 3	<i>Cpt2</i>	NM_009949	-1.3	0.404090	<.00001
Young, Day 3	<i>Bnip3</i>	NM_009760	-1.8	0.046847	0.019592
Young, Day 3	<i>Ucp1</i>	NM_009463	-1.27	0.146030	0.184052
Young, Day 5	<i>Dnm1</i>	NM_152816	1.42	0.504624	<.00001

Young, Day 5	<i>Uxt</i>	NM_013840	12.65	0.504624	0.03981
Young, Day 5	<i>Lrpprc</i>	NM_028233	11.49	0.245218	<.00001
Young, Day 5	<i>Msto1</i>	NM_144898	62.02	0.129610	0.011003
Young, Day 5	<i>Rhot1</i>	NM_021536	-59.82	0.049236	<.00001
Young, Day 5	<i>Opa1</i>	NM_133752	-1.55	0.118029	0.041582
Young, Day 5	<i>Nefl</i>	NM_010910	71.88	0.080253	<.00001
Young, Day 5	<i>Rhot2</i>	NM_145999	2.71	0.265818	<.00001
Young, Day 5	<i>Fis1</i>	NM_025562	-1.94	0.416093	0.005582
Young, Day 5	<i>Cox10</i>	NM_178379	7.75	0.136866	0.007912
Young, Day 5	<i>Timm23</i>	NM_016897	1.29	0.334353	0.003668
Young, Day 5	<i>Timm44</i>	NM_011592	-1.63	0.425082	0.002017
Young, Day 5	<i>Timm10</i>	NM_013899	8.09	0.063743	<.00001
Young, Day 5	<i>Timm50</i>	NM_025616	1.37	0.450599	0.002651
Young, Day 5	<i>Immp1l</i>	NM_028260	-1.6	0.203274	0.002205
Young, Day 5	<i>Timm17a</i>	NM_011590	1.2	0.192552	0.024196
Young, Day 5	<i>Immp2l</i>	NM_053122	-1.06	0.504624	0.784423
Young, Day 5	<i>Timm8b</i>	NM_013897	2.14	0.010644	0.058192
Young, Day 5	<i>Timm22</i>	NM_019818	-1.52	0.194743	0.0068
Young, Day 5	<i>Timm8a1</i>	NM_013898	26.9	0.351398	0.04255
Young, Day 5	<i>Timm9</i>	NM_001024853	3.17	0.110566	0.0003
Young, Day 5	<i>Taz</i>	NM_181516	1.61	0.560437	<.00001
Young, Day 5	<i>Timm17b</i>	NM_011591	5.57	0.419023	<.00001
Young, Day 5	<i>Tspo</i>	NM_009775	1.35	0.144071	<.00001
Young, Day 5	<i>Aip</i>	NM_016666	-211.05	0.567809	<.00001
Young, Day 5	<i>Hspd1</i>	NM_010477	-119.66	0.591613	<.00001
Young, Day 5	<i>Mipep</i>	NM_027436	-32.97	0.238810	<.00001
Young, Day 5	<i>Dnajc19</i>	NM_026332	10.28	0.452715	0.006514
Young, Day 5	<i>Grpel1</i>	NM_024478	1.04	0.437263	0.621469
Young, Day 5	<i>Bak1</i>	NM_007523	-104.12	0.649544	<.00001
Young, Day 5	<i>Ucp2</i>	NM_011671	-8.05	0.007086	<.00001
Young, Day 5	<i>Bcl2l1</i>	NM_009743	2.3	0.395370	<.00001
Young, Day 5	<i>Stard3</i>	NM_021547	1.06	0.092171	0.645164
Young, Day 5	<i>Ucp3</i>	NM_009464	9.21	0.567306	0.006138
Young, Day 5	<i>Mtx2</i>	NM_016804	-7.21	0.195900	<.00001
Young, Day 5	<i>Trp53</i>	NM_011640	1.65	0.496157	0.021792
Young, Day 5	<i>Bcl2</i>	NM_009741	6.36	0.542077	<.00001
Young, Day 5	<i>Cpt2</i>	NM_009949	13.05	0.088991	0.002113
Young, Day 5	<i>Bnip3</i>	NM_009760	3.32	0.149408	<.00001
Young, Day 5	<i>Ucp1</i>	NM_009463	9.21	0.168199	0.006138
Young, Day 7	<i>Dnm1</i>	NM_152816	1.05	0.597455	0.035165
Young, Day 7	<i>Uxt</i>	NM_013840	6.13	1.066828	0.005907
Young, Day 7	<i>Lrpprc</i>	NM_028233	7.14	0.109391	<.00001
Young, Day 7	<i>Msto1</i>	NM_144898	32.86	0.037669	0.005234
Young, Day 7	<i>Rhot1</i>	NM_021536	-156.09	0.270979	<.00001
Young, Day 7	<i>Opa1</i>	NM_133752	-3.8	0.188513	<.00001
Young, Day 7	<i>Nefl</i>	NM_010910	35.64	0.077665	<.00001
Young, Day 7	<i>Rhot2</i>	NM_145999	1.59	0.241696	0.00136
Young, Day 7	<i>Fis1</i>	NM_025562	-5.22	0.150909	<.00001
Young, Day 7	<i>Cox10</i>	NM_178379	9.06	0.235001	<.00001

Young, Day 7	<i>Timm23</i>	NM_016897	-1.49	0.377833	<.00001
Young, Day 7	<i>Timm44</i>	NM_011592	-2.37	0.235430	<.00001
Young, Day 7	<i>Timm10</i>	NM_013899	4.84	0.025478	<.00001
Young, Day 7	<i>Timm50</i>	NM_025616	-1	0.210938	0.979085
Young, Day 7	<i>Immp1l</i>	NM_028260	-2.93	0.157736	<.00001
Young, Day 7	<i>Timm17a</i>	NM_011590	1.25	0.210426	0.164741
Young, Day 7	<i>Immp2l</i>	NM_053122	-2	0.597455	<.00001
Young, Day 7	<i>Timm8b</i>	NM_013897	1.53	0.537806	0.053186
Young, Day 7	<i>Timm22</i>	NM_019818	6.71	0.328362	0.0339
Young, Day 7	<i>Timm8a1</i>	NM_013898	10.02	0.083040	0.013729
Young, Day 7	<i>Timm9</i>	NM_001024853	2.05	0.129774	<.00001
Young, Day 7	<i>Taz</i>	NM_181516	1.33	0.176826	0.000401
Young, Day 7	<i>Timm17b</i>	NM_011591	3.84	0.334999	<.00001
Young, Day 7	<i>Tspo</i>	NM_009775	-1.04	0.188223	0.18011
Young, Day 7	<i>Aip</i>	NM_016666	-538.53	0.444077	<.00001
Young, Day 7	<i>Hspd1</i>	NM_010477	-210.73	0.467772	<.00001
Young, Day 7	<i>Mipep</i>	NM_027436	-86.83	0.201459	<.00001
Young, Day 7	<i>Dnajc19</i>	NM_026332	5.32	0.143707	0.000945
Young, Day 7	<i>Grpel1</i>	NM_024478	-5.66	0.519921	<.00001
Young, Day 7	<i>Bak1</i>	NM_007523	-349.18	0.462343	<.00001
Young, Day 7	<i>Ucp2</i>	NM_011671	-8.99	0.113515	<.00001
Young, Day 7	<i>Bcl2l1</i>	NM_009743	1.94	0.180355	0.010866
Young, Day 7	<i>Stard3</i>	NM_021547	1.31	0.213277	0.000647
Young, Day 7	<i>Ucp3</i>	NM_009464	4.26	0.131223	0.000518
Young, Day 7	<i>Mtx2</i>	NM_016804	-27.05	0.249469	<.00001
Young, Day 7	<i>Trp53</i>	NM_011640	-1.61	0.202487	0.001181
Young, Day 7	<i>Bcl2</i>	NM_009741	5.38	0.482395	<.00001
Young, Day 7	<i>Cpt2</i>	NM_009949	14.54	0.122620	0.003356
Young, Day 7	<i>Bnip3</i>	NM_009760	2.24	0.118614	<.00001
Young, Day 7	<i>Ucp1</i>	NM_009463	175.36	0.151104	<.00001
Aged, Day 3	<i>Dnm1</i>	NM_152816	1.55	0.009084	0.043715
Aged, Day 3	<i>Uxt</i>	NM_013840	11.24	0.008823	0.15646
Aged, Day 3	<i>Lrpprc</i>	NM_028233	15.4	0.069221	0.00436
Aged, Day 3	<i>Msto1</i>	NM_144898	74.84	0.040968	0.002063
Aged, Day 3	<i>Rhot1</i>	NM_021536	-27.81	0.009290	<.00001
Aged, Day 3	<i>Opa1</i>	NM_133752	-2.39	0.009989	0.009518
Aged, Day 3	<i>Nefl</i>	NM_010910	72.55	0.011790	<.00001
Aged, Day 3	<i>Rhot2</i>	NM_145999	3.56	0.015750	<.00001
Aged, Day 3	<i>Fis1</i>	NM_025562	-2.23	0.022224	0.001792
Aged, Day 3	<i>Cox10</i>	NM_178379	10.99	0.014878	<.00001
Aged, Day 3	<i>Timm23</i>	NM_016897	1.56	0.015046	0.001236
Aged, Day 3	<i>Timm44</i>	NM_011592	-1.49	0.011485	0.000632
Aged, Day 3	<i>Timm10</i>	NM_013899	9.17	0.002329	0.00416
Aged, Day 3	<i>Timm50</i>	NM_025616	2.5	0.034689	0.072834
Aged, Day 3	<i>Immp1l</i>	NM_028260	1.04	0.023079	0.714177
Aged, Day 3	<i>Timm17a</i>	NM_011590	1.37	0.018242	0.176057
Aged, Day 3	<i>Immp2l</i>	NM_053122	1.97	0.029655	0.077852
Aged, Day 3	<i>Timm8b</i>	NM_013897	2.7	0.009976	0.002277
Aged, Day 3	<i>Timm22</i>	NM_019818	21.59	0.003378	0.015706

Aged, Day 3	<i>Timm8a1</i>	NM_013898	24	0.023224	0.005406
Aged, Day 3	<i>Timm9</i>	NM_001024853	2.65	0.041939	0.000884
Aged, Day 3	<i>Taz</i>	NM_181516	1.94	0.035182	0.011774
Aged, Day 3	<i>Timm17b</i>	NM_011591	5.65	0.014351	<.00001
Aged, Day 3	<i>Tspo</i>	NM_009775	1.7	0.015642	0.012537
Aged, Day 3	<i>Aip</i>	NM_016666	-42.52	0.039833	<.00001
Aged, Day 3	<i>Hspd1</i>	NM_010477	-27.8	0.057325	<.00001
Aged, Day 3	<i>Mipep</i>	NM_027436	-8.45	0.034962	0.001985
Aged, Day 3	<i>Dnajc19</i>	NM_026332	11.05	0.025641	0.004137
Aged, Day 3	<i>Grpel1</i>	NM_024478	2.74	0.033677	0.04677
Aged, Day 3	<i>Bak1</i>	NM_007523	-20.98	0.024509	<.00001
Aged, Day 3	<i>Ucp2</i>	NM_011671	-6.04	0.081806	<.00001
Aged, Day 3	<i>Bcl2l1</i>	NM_009743	2.77	0.040080	0.004991
Aged, Day 3	<i>Stard3</i>	NM_021547	1.97	0.024514	0.103553
Aged, Day 3	<i>Ucp3</i>	NM_009464	9.94	0.033115	0.002557
Aged, Day 3	<i>Mtx2</i>	NM_016804	-9.18	0.025300	<.00001
Aged, Day 3	<i>Trp53</i>	NM_011640	2.45	0.044229	0.141116
Aged, Day 3	<i>Bcl2</i>	NM_009741	7.55	0.008663	0.000132
Aged, Day 3	<i>Cpt2</i>	NM_009949	24	0.021854	0.037972
Aged, Day 3	<i>Bnip3</i>	NM_009760	3.48	0.036900	0.014444
Aged, Day 3	<i>Ucp1</i>	NM_009463	341.22	0.020438	0.004431
Aged, Day 5	<i>Dnm1</i>	NM_152816	-1.01	0.146542	0.911012
Aged, Day 5	<i>Uxt</i>	NM_013840	6.33	0.095936	0.02311
Aged, Day 5	<i>Lrpprc</i>	NM_028233	7.73	0.500106	0.022061
Aged, Day 5	<i>Msto1</i>	NM_144898	32.86	0.245397	0.038452
Aged, Day 5	<i>Rhot1</i>	NM_021536	-27.45	0.079576	0.030487
Aged, Day 5	<i>Opa1</i>	NM_133752	-2.29	0.186770	0.945039
Aged, Day 5	<i>Nefl</i>	NM_010910	51.56	0.256888	0.000145
Aged, Day 5	<i>Rhot2</i>	NM_145999	2.15	0.233226	0.000215
Aged, Day 5	<i>Fis1</i>	NM_025562	-2.55	0.985528	0.084987
Aged, Day 5	<i>Cox10</i>	NM_178379	9.84	0.169465	0.003546
Aged, Day 5	<i>Timm23</i>	NM_016897	-1.25	0.346803	0.203831
Aged, Day 5	<i>Timm44</i>	NM_011592	-1.77	0.048058	0.001601
Aged, Day 5	<i>Timm10</i>	NM_013899	7.5	0.315747	0.003268
Aged, Day 5	<i>Timm50</i>	NM_025616	1.39	0.108186	0.000517
Aged, Day 5	<i>Immp1l</i>	NM_028260	-1.14	0.272310	0.886216
Aged, Day 5	<i>Timm17a</i>	NM_011590	1.31	0.200554	0.221618
Aged, Day 5	<i>Immp2l</i>	NM_053122	2.51	0.233891	0.325789
Aged, Day 5	<i>Timm8b</i>	NM_013897	2.81	0.200125	0.044259
Aged, Day 5	<i>Timm22</i>	NM_019818	12.33	0.089578	<.00001
Aged, Day 5	<i>Timm8a1</i>	NM_013898	14.97	0.186268	0.000224
Aged, Day 5	<i>Timm9</i>	NM_001024853	3.31	0.050286	0.03209
Aged, Day 5	<i>Taz</i>	NM_181516	1.55	0.087231	0.090484
Aged, Day 5	<i>Timm17b</i>	NM_011591	7.63	0.441561	0.002352
Aged, Day 5	<i>Tspo</i>	NM_009775	1	0.430336	0.924165
Aged, Day 5	<i>Aip</i>	NM_016666	-42.66	0.445553	0.059826
Aged, Day 5	<i>Hspd1</i>	NM_010477	-8.78	0.100013	0.266323
Aged, Day 5	<i>Mipep</i>	NM_027436	-6.09	0.164420	0.992009
Aged, Day 5	<i>Dnajc19</i>	NM_026332	9.03	0.037270	<.00001

Aged, Day 5	<i>Grpel1</i>	NM_024478	1.52	0.278815	0.050674
Aged, Day 5	<i>Bak1</i>	NM_007523	-27.01	0.170585	0.07297
Aged, Day 5	<i>Ucp2</i>	NM_011671	-6.03	0.257942	0.000204
Aged, Day 5	<i>Bcl2l1</i>	NM_009743	2.83	0.074613	<.00001
Aged, Day 5	<i>Stard3</i>	NM_021547	1.41	0.234839	0.031205
Aged, Day 5	<i>Ucp3</i>	NM_009464	9.83	0.309822	0.117646
Aged, Day 5	<i>Mtx2</i>	NM_016804	-3.67	0.426456	0.598652
Aged, Day 5	<i>Trp53</i>	NM_011640	2.55	0.845030	0.325059
Aged, Day 5	<i>Bcl2</i>	NM_009741	6.32	0.231227	<.00001
Aged, Day 5	<i>Cpt2</i>	NM_009949	13.88	0.118755	0.081
Aged, Day 5	<i>Bnip3</i>	NM_009760	2.46	0.136180	0.001122
Aged, Day 5	<i>Ucp1</i>	NM_009463	205.48	0.289786	<.00001
Aged, Day 7	<i>Dnm1</i>	NM_152816	-1.22	0.338499	0.00575
Aged, Day 7	<i>Uxt</i>	NM_013840	2.86	0.692317	<.00001
Aged, Day 7	<i>Lrpprc</i>	NM_028233	3.42	0.414982	0.00086
Aged, Day 7	<i>Msto1</i>	NM_144898	10.26	0.173457	0.004218
Aged, Day 7	<i>Rhot1</i>	NM_021536	-1.83	0.720092	0.000729
Aged, Day 7	<i>Opa1</i>	NM_133752	3.79	0.501125	0.007413
Aged, Day 7	<i>Nefl</i>	NM_010910	126.73	0.355153	0.009879
Aged, Day 7	<i>Rhot2</i>	NM_145999	4.62	0.495839	<.00001
Aged, Day 7	<i>Fis1</i>	NM_025562	3.31	0.174977	0.110276
Aged, Day 7	<i>Cox10</i>	NM_178379	5.99	0.092679	0.014145
Aged, Day 7	<i>Timm23</i>	NM_016897	-1.51	0.319041	0.045507
Aged, Day 7	<i>Timm44</i>	NM_011592	-3.31	0.901894	<.00001
Aged, Day 7	<i>Timm10</i>	NM_013899	11.21	0.242170	0.001588
Aged, Day 7	<i>Timm50</i>	NM_025616	2.13	0.434837	0.00547
Aged, Day 7	<i>Immp1l</i>	NM_028260	2.2	0.028053	0.000214
Aged, Day 7	<i>Timm17a</i>	NM_011590	3.77	0.233049	0.033529
Aged, Day 7	<i>Immp2l</i>	NM_053122	33.81	0.117738	0.008799
Aged, Day 7	<i>Timm8b</i>	NM_013897	8.34	0.100017	<.00001
Aged, Day 7	<i>Timm22</i>	NM_019818	10.67	1.234722	<.00001
Aged, Day 7	<i>Timm8a1</i>	NM_013898	21.26	0.089677	<.00001
Aged, Day 7	<i>Timm9</i>	NM_001024853	2.02	0.215694	0.000161
Aged, Day 7	<i>Taz</i>	NM_181516	1.39	0.095744	0.036774
Aged, Day 7	<i>Timm17b</i>	NM_011591	2.7	0.833042	0.001452
Aged, Day 7	<i>Tspo</i>	NM_009775	-1.09	0.514886	0.206547
Aged, Day 7	<i>Aip</i>	NM_016666	-1.14	0.142870	0.003014
Aged, Day 7	<i>Hspd1</i>	NM_010477	1.98	0.120963	<.00001
Aged, Day 7	<i>Mipep</i>	NM_027436	4.49	0.231783	<.00001
Aged, Day 7	<i>Dnajc19</i>	NM_026332	9.87	0.231839	<.00001
Aged, Day 7	<i>Grpel1</i>	NM_024478	2.15	0.175277	0.016379
Aged, Day 7	<i>Bak1</i>	NM_007523	1.34	0.087229	0.001697
Aged, Day 7	<i>Ucp2</i>	NM_011671	-1.9	0.516107	0.031873
Aged, Day 7	<i>Bcl2l1</i>	NM_009743	4.05	0.290585	0.003837
Aged, Day 7	<i>Stard3</i>	NM_021547	4.03	0.039858	0.000727
Aged, Day 7	<i>Ucp3</i>	NM_009464	19.72	0.273746	0.000654
Aged, Day 7	<i>Mtx2</i>	NM_016804	4.18	0.157227	0.032098
Aged, Day 7	<i>Trp53</i>	NM_011640	25.98	0.473444	0.004285
Aged, Day 7	<i>Bcl2</i>	NM_009741	7.72	0.748018	0.010335

Aged, Day 7	<i>Cpt2</i>	NM_009949	6.8	0.116384	0.002479
Aged, Day 7	<i>Bnip3</i>	NM_009760	1.82	0.154687	0.015362
Aged, Day 7	<i>Ucp1</i>	NM_009463	190.17	0.349982	0.004236
Aged + Mitoquinol, Day 7	<i>Dnm1</i>	NM_152816	1.17	0.397769	0.23858
Aged + Mitoquinol, Day 7	<i>Uxt</i>	NM_013840	8.57	0.426294	<.00001
Aged + Mitoquinol, Day 7	<i>Lrpprc</i>	NM_028233	10.71	0.431704	0.009413
Aged + Mitoquinol, Day 7	<i>Msto1</i>	NM_144898	51.13	0.177585	0.004643
Aged + Mitoquinol, Day 7	<i>Rhot1</i>	NM_021536	-46.91	0.469786	<.00001
Aged + Mitoquinol, Day 7	<i>Opa1</i>	NM_133752	-3.29	0.32921	0.00186
Aged + Mitoquinol, Day 7	<i>Nefl</i>	NM_010910	52.67	0.308935	0.000618
Aged + Mitoquinol, Day 7	<i>Rhot2</i>	NM_145999	2.4	0.415887	0.043976
Aged + Mitoquinol, Day 7	<i>Fis1</i>	NM_025562	-3.81	0.267968	<.00001
Aged + Mitoquinol, Day 7	<i>Cox10</i>	NM_178379	11.52	0.139843	0.000224
Aged + Mitoquinol, Day 7	<i>Timm23</i>	NM_016897	-1.07	0.27862	0.755264
Aged + Mitoquinol, Day 7	<i>Timm44</i>	NM_011592	-1.62	0.582019	0.00012
Aged + Mitoquinol, Day 7	<i>Timm10</i>	NM_013899	6.85	0.413409	0.003886
Aged + Mitoquinol, Day 7	<i>Timm50</i>	NM_025616	1.39	0.048376	0.217671
Aged + Mitoquinol, Day 7	<i>Immp1l</i>	NM_028260	-1.64	0.048865	<.00001
Aged + Mitoquinol, Day 7	<i>Timm17a</i>	NM_011590	1.64	0.21643	0.026529
Aged + Mitoquinol, Day 7	<i>Immp2l</i>	NM_053122	2.44	0.312735	0.028918
Aged + Mitoquinol, Day 7	<i>Timm8b</i>	NM_013897	2.6	0.100162	0.008141
Aged + Mitoquinol, Day 7	<i>Timm22</i>	NM_019818	-1.07	0.674714	0.897246
Aged + Mitoquinol, Day 7	<i>Timm8a1</i>	NM_013898	16.95	0.042623	0.004286
Aged + Mitoquinol, Day 7	<i>Timm9</i>	NM_001024853	3.22	0.188356	0.024159
Aged + Mitoquinol, Day 7	<i>Taz</i>	NM_181516	1.78	0.037415	0.046644
Aged + Mitoquinol, Day 7	<i>Timm17b</i>	NM_011591	7.19	0.553259	0.005694
Aged + Mitoquinol, Day 7	<i>Tspo</i>	NM_009775	1.01	0.346962	0.840712
Aged + Mitoquinol, Day 7	<i>Aip</i>	NM_016666	-109.46	0.128616	<.00001
Aged + Mitoquinol, Day 7	<i>Hspd1</i>	NM_010477	-19.93	0.034826	<.00001
Aged + Mitoquinol, Day 7	<i>Mipep</i>	NM_027436	-9.01	0.114109	<.00001

Aged + Mitoquinol, Day 7	<i>Dnajc19</i>	NM_026332	9.3	0.090138	0.003655
Aged + Mitoquinol, Day 7	<i>Grpel1</i>	NM_024478	1.67	0.081456	0.255945
Aged + Mitoquinol, Day 7	<i>Bak1</i>	NM_007523	-97.99	0.021808	<.00001
Aged + Mitoquinol, Day 7	<i>Ucp2</i>	NM_011671	-8.34	0.180185	<.00001
Aged + Mitoquinol, Day 7	<i>Bcl2l1</i>	NM_009743	3.21	0.16866	0.006696
Aged + Mitoquinol, Day 7	<i>Stard3</i>	NM_021547	1.79	0.052062	0.076156
Aged + Mitoquinol, Day 7	<i>Ucp3</i>	NM_009464	6.71	0.084753	0.007286
Aged + Mitoquinol, Day 7	<i>Mtx2</i>	NM_016804	-7.42	0.076796	<.00001
Aged + Mitoquinol, Day 7	<i>Trp53</i>	NM_011640	1.84	0.184653	0.091384
Aged + Mitoquinol, Day 7	<i>Bcl2</i>	NM_009741	6.91	0.396556	0.001698
Aged + Mitoquinol, Day 7	<i>Cpt2</i>	NM_009949	32.19	0.152104	0.014784
Aged + Mitoquinol, Day 7	<i>Bnip3</i>	NM_009760	2.79	0.084317	0.0115
Aged + Mitoquinol, Day 7	<i>Ucp1</i>	NM_009463	240.05	0.28728	0.003394

**Supplemental Table 2:** Fold change in mitochondrial gene expression in young and aged murine lung during influenza infection.