

Intracellular Lactate		
wild-type	untreated <i>Lmna</i> ^{G609G/+}	treated <i>Lmna</i> ^{G609G/+}
1,178	1,911	1,316
0,948	1,776	1,776
0,822	1,615	1,617
1,052	1,394	1,520
1,052	1,796	1,369
0,955	2,218	1,434
0,949	1,362	1,490
1,044	1,738	1,386
1,170	3,095	1,691
0,952	1,550	1,732
0,868	1,825	1,605
1,010	2,826	1,769

VSMCs

Acidification		
wild-type	untreated <i>Lmna</i> ^{G609G/+}	treated <i>Lmna</i> ^{G609G/+}
0,690	1,544	1,343
1,154	2,302	2,011
1,134	2,318	1,961
1,022	1,984	1,587
1,011	2,030	1,788
0,888	1,929	1,679
1,019	2,067	1,680
1,081	2,089	1,780
1,010	1,963	1,843
0,862	2,037	1,801
1,195	2,550	2,060
0,933	2,033	1,710
0,902	1,857	1,592
1,118	2,385	1,997
0,927	2,089	1,813
1,053	2,235	1,980

VSMCs

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2-DG

Cytosolic ATP		
wild-type	untreated <i>Lmna</i> ^{G609G/+}	treated <i>Lmna</i> ^{G609G/+}
0,800	2,285	2,582
1,047	1,772	2,390
1,230	2,046	1,825
0,923	1,882	1,960
0,776	2,303	2,555
1,355	2,012	2,791
0,904	2,019	3,062
0,965	2,331	2,389
1,145	1,426	1,928
0,911	1,785	1,846
1,007	1,309	1,649
0,936	1,212	2,028

VSMCs

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+

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+

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+

2-DG
Oligomycin

Mitochondrial calcium-45			Mitochondrial magnesium		
wild-type	untreated <i>Lmna</i> ^{G609G/+}	treated <i>Lmna</i> ^{G609G/+}	wild-type	untreated <i>Lmna</i> ^{G609G/+}	treated <i>Lmna</i> ^{G609G/+}
1,067	1,442	0,950	0,733	0,698	1,157
0,870	0,805	1,231	0,992	0,847	0,597
1,132	1,231	0,735	1,512	0,618	0,869
0,931	1,500	1,260	0,762	0,345	0,795
0,994	1,483	1,248	0,969	0,373	0,805
1,024	1,811	1,010	0,810	0,839	0,884
0,946	1,559	1,439	1,458	0,664	0,772
1,037	2,029	1,202	0,763	0,477	0,987
0,927	1,869	1,116	1,091	0,762	0,838
0,963	1,432	1,306	0,700	0,597	1,069
1,065	2,197	1,469	1,486	0,680	0,738
1,045	1,195	1,718	0,723	0,890	1,194