|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **TA** | | **DIA** | |
| **CON** | **MDX** | **CON** | **MDX** |
| 0nM [Ca2+] | 0.519 ± 0.725 | 0.125 ± 0.045 **\*** | 0.491 ± 0.400 | 0.384 ± 0.052 **\*** |
| 50nM [Ca2+] | 0.861 ± 0.725 | 0.147 ± 0.061 **\*** | 0.412 ± 0.431 | 0.267 ± 0.046 **\*** |
| 100nM [Ca2+] | 1.733 ± 1.325 | 0.212 ± 0.056 **\*** | 0.298 ± 0.387 | 0.243 ± 0.056 **\*** |
| 200nM [Ca2+] | 1.183 ± 0.790 | 0.186 ± 0.056 **\*** | 0.393 ± 0.472 | 0.322 ± 0.075 **\*** |
| 400nM [Ca2+] | 1.594 ± 1.051 | 0.209 ± 0.059 **\*** | 1.077 ± 0.399 | 0.317 ± 0.268 **\*** |

TABLE S1. Background ATP production (mmol.min-1..intact mitochondrial yield-1) of control (c57BL/10) and dystrophic mdx TA and diaphragm. \*p<0.05 *mdx* different from control strain. There was no effect of muscle type (p=0.323) or extramitochondrial [Ca2+] (p=0.852).