**Supplementary File 3.** Fiber type composition of soleus muscles from mice treated for 15 weeks with vehicle or TMP269+5-Aza.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **MyHC I/total** (Ratio ±SEM) | **MyHC IIa/total**(Ratio ±SEM) | **MyHC IIx/total**(Ratio ±SEM) | **Total N° fibers counted** |
|  |
| **WT vehicle** | 0.31± 0.005 | 0.50±0.019 | 0.16±0.008 | 2881 |
| **dHT vehicle** | 0.33±0.02 | 0.53±0.02 | 0.13±0.008 | 2642 |
| **dHT treated**  | 0.27±0.0059 | 0.56±0.015 | 0.15±0.01 | 2983 |