

Supplemental References

- [S1] Hill BG, Shiva S, Ballinger S, Zhang J, Darley-Ussmar VM. Bioenergetics and translational metabolism: implications for genetics, physiology and precision medicine. *Biol Chem.* 2019;401:3-29.
- [S2] Baierle M, Nascimento SN, Moro AM, Brucker N, Freitas F, Gauer B, Durgante J, Bordignon S, Zibetti M, Trentini CM, Duarte MM, Grune T, Breusing N, Garcia SC. Relationship between inflammation and oxidative stress and cognitive decline in the institutionalized elderly. *Oxid Med Cell Longev.* 2015;2015:804198.
- [S3] Keller K. Sarcopenia. *Wien Med Wochenschr.* 2019;169:157-172.
- [S4] Fortes MA, Marzuca-Nassr GN, Vitzel KF, da Justa Pinheiro CH, Newsholme P, Curi R. Housekeeping proteins: How useful are they in skeletal muscle diabetes studies and muscle hypertrophy models? *Anal Biochem.* 2016;504:38-40.
- [S5] Junjappa RP, Patil P, Bhattacharai KR, Kim HR, Chae HJ. IRE1 α Implications in Endoplasmic Reticulum Stress-Mediated Development and Pathogenesis of Autoimmune Diseases. *Front Immunol.* 2018;9:1289.
- [S6] Gumucio JP, Mendias CL. Atrogin-1, MuRF-1, and sarcopenia. *Endocrine* 2013;43:12-21.