

Acronyms of the experimental conditions

Western-blot results from Synthetic-torpor experiments conducted in 2019-2020

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C or **CTRL**: untreated controls

C.RIF: control – reference intensity frame (sample used for between-gels normalizations)

ER: early-recovery – when brain temperature reaches 35,5°C, recovering from N condition

Hip: hippocampus

N: nadir of brain hypothermia (deep temperature at 20-22 °C)

P-Cx: parietal cortex of the brain

R3: 3h after ER

R3SD: 3h after ER with total sleep deprivation (for 3h)

R6: 6h after ER

R6SD: 6h after ER with total sleep deprivation (for 6h)