

A.

B.

Gene expression (transcript abundance)

Treatment

Treatment	Gene expression (transcript abundance)
Ni 7d	~100, ~110
Ni 25d	~110, ~120
Tris 24h 7d	~70, ~100, ~110
Tris 48h 7d	~80, ~90, ~100
Tris 24h 25d	~110, ~120
Tris 48h 25d	~100, ~110
FHV 24h 7d	~120, ~140
FHV 48h 7d	~210, ~220, ~240
FHV 24h 25d	~170, ~180
FHV 48h 25d	~450, ~460, ~490

Gene expression (transcript abundance)

Treatment

Ni 7d Ni 25d Tris 24h 7d Tris 48h 7d Tris 24h 25d Tris 48h 25d FHV 24h 7d FHV 48h 7d FHV 24h 25d FHV 48h 25d

Supplemental Figure S8. A. Heatmap of genes belonging to the GO cluster “Neurogenesis”. The expression scale represents the Z-score ($Z \text{ score} = (x - \mu) / \sigma$), where x =value, μ is mean and σ is standard deviation. **B.** Expression levels of the genes *midlife crisis (mdcl)* (top) and *Ankle2* (bottom) in each experimental condition based on transcript abundance determined in the RNA-Seq.