**Table S2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Gene symbol** | **SHRSP E20 vs. week 14** | | **F344 E20 vs. week 14** | |
| **logFC** | **adj. p-value** | **logFC** | **adj. p-value** |
| Myh6 | -0.56 | < 0.05 | -0.55 | < 0.05 |
| Myh7 | -0.07 | n.s. | 0.18 | n.s. |
| Actc1 | -0.39 | < 0.05 | -0.12 | n.s. |
| **Acta1** | 0.33 | n.s. | **2.66** | **< 0.05** |
| **Slc2a4** | **-2.02** | **< 0.05** | **-2.31** | **< 0.05** |
| Cpt1b | -1.36 | < 0.05 | -1.49 | < 0.05 |
| Ckm | -0.07 | n.s. | -0.3 | < 0.05 |
| Ppara | -0.1 | n.s. | -0.008 | n.s. |
| **Pdk2** | **-1.84** | **< 0.05** | **-1.73** | **< 0.05** |
| **Pdk4** | **-3.24** | **< 0.05** | **-3.23** | **< 0.05** |
| **Mlycd** | **-1.76** | **< 0.05** | -1.48 | < 0.05 |