**SUPPLEMENTARY TABLE S2**

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| **OT1 - TPIN-SC(CD62Lhi)/OT1 - TNE-SC(CD62Llo)** |
| Pathways mapped in upregulated proteins in OT1 - TPIN-SC(CD62Lhi) |
| **GO\_id** | **Term** | **Number****Of Genes** | **p-value** | **p-value\_fdr** | **P value\_****bonferroni** | **Mapped proteins** |
| mmu00010 | Glycolysis / Gluconeogenesis | 7 | 3,48E-08 | 0,00000724 | 0,00000724 | Pgam1; Pfkl; Ldha; Pgk1; Eno1; Pkm2; Tpi1 |
| mmu04210 | Apoptosis | 3 | 0,0061 | 0,585 | 1 | Capn2; Casp6; Casp3 |
| mmu00051 | Fructose and mannose metabolism | 2 | 0,0105 | 0,585 | 1 | Pfkl; Tpi1 |
| mmu00620 | Pyruvate metabolism | 2 | 0,0135 | 0,585 | 1 | Pkm2; Ldha |
| mmu05146 | Amoebiasis | 3 | 0,0141 | 0,585 | 1 | Serpinb9; Casp3; Actn1 |
| mmu00562 | Inositol phosphate metabolism | 2 | 0,0251 | 0,872 | 1 | Impa2; Tpi1 |
| mmu04146 | Peroxisome | 2 | 0,0437 | 1 | 1 | Dhrs4; Prdx5 |

**Supplementary Table S2.** Kegg enrichment of proteins upregulated in T cells cultured in the presence of TPIN-SCs.