**S1 Table. Cardiac phenotype of atATGL-KO mice and wt littermates 11 weeks after TAC/sham surgery.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | WT Sham | WT TAC | atATGL-KO Sham | atATGL-KO TAC |
| Echocardiography: |  |  |  |  |
| LVM | 90.95 ± 5.4 | 211.16 ± 19.73\*\*\*\* | 94.60 ± 2.92 | 124.32 ± 9.06$$$$ |
| LVM/TL | 7.44 ± 0.47 | 17.06 ± 1.50\*\*\*\* | 7.88 ± 0.23 | 10.53 ± 0.70$$$ |
| IVS-d [mm] | 0.59 ± 0.01 | 0.90 ± 0.01\*\*\*\* | 0.60 ± 0.01#### | 0.76 ± 0.03$$$ |
| LVPW-d [mm] | 0.60 ± 0.01 | 0.87 ± 0.01\*\*\*\* | 0.59 ± 0.01 | 0.75 ± 0.03$$$ |
| LVID-d [mm] | 4.32 ± 0.11 | 5.28 ± 0.24\*\*\* | 4.40 ± 0.06 | 4.31 ± 0.11$$$$ |
|  |  |  |  |  |
| Other parameters: |  |  |  |  |
| HW/ TL [mg/mm] | 10.56 ± 0.29 | 18.08 ± 0.97\*\*\*\* | 10.09 ± 0.5# | 13.01 ± 0.66$$$$ |
| HR [beats/min] | 440.3 ±14.41 | 446.0 ± 13.07 | 407.4 ± 14.58 | 470.4 ± 27.82 |

Left-ventricular mass (LVM); Left-ventricular mass relative to tibia length (LVM/TL) Interventricular septum thickness in diastole (IVS-d); Left-ventricular posterior wall thickness in diastole (LVPW-d); Left-ventricular internal diameter in diastole (LVID-d); Heart weight (gravimetric) to tibia length (HW/TL); Heart rate (HR); Mean and SEM, n= 7, \*\*\*p<0.001 vs. wt sham, \*\*\*\*p<0.0001 vs. wt sham,$$$ p<0.001 vs. wt TAC, $$$$ p<0.0001 vs. wt TAC, #p<0.05 vs. atATGL-KO TAC, ####p<0.0001 vs. atATGL-KO TAC; 2-way ANOVA (Bonferroni posttest).