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| Table S1. Organ weights and blood biochemistry analysis in TSOD and TSNO mice. | | |
| Group | TSOD | TSNO |
| No. of mice a) | 16 | 5 |
| Final body weight (g) | 64.0±2.7\* | 40.6±3.7 |
| Organ weighs (%) |  |  |
| Liver | 4,6±0,8\* | 3,6±0,2 |
| Kidneys | 1,2±0,1\* | 1,5±0,2 |
| Spleen | 0,28±0,08 | 0,24±0,04 |
| Fasting blood glucose (mg/dl) | 269.50±25.55\*\*\* | 97.8±2.58 |
| Glucose in urine (mg/dl) | 3.65±0.17\* | 2.87±4.03 |
| Triglicerides (mg/dl) | 184±48\*\*\* | 68±30 |
| Total cholesterol (mg/dl) | 254±39\*\*\* | 134±26 |
| Free fatty acids (mEq/l) | 3.00±0.56\* | 2.30±0.46 |
| AST (U/l) | 226±105\*\*\* | 73±18 |
| ALT (U/l) | 102±45\*\*\* | 28±4 |
| ALP (U/l) | 911±384\*\*\* | 174±23 |
| Total bilirubin (mg/dl) | 0.13±0.04 | 0.10±0.00 |
| Albumin (g/dl) | 3.44±0.41\* | 2.98±0.19 |

\*P<0.05, \*P<0.01; \*\*\*P<0.0001 as compared to the respective controls; a) Final number of the survived mice