Additional data:

Additional Table S1. BMI, BW and fasting glucose values in healthy controls subdivided according to the COMT Val108/158Met or DBH -1021C/T genotypes

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| --- | --- | --- |
| Healthy controls | COMT Val108/158Met | DBH -1021C/T |
| (number of healthy controls) | AA(36) | AG(80) | GG(40) | CC(94) | CT(56) | TT(6) |
| BMI (kg/m2) | 25.80(min18.5-max54.0) | 24.85(min15.6-max39.0) | 25.80(min18.2-max35.9) | 25.65(min18.5-max54.0) | 24.35(min15.6-max35.9) | 24.05(min23.1-max34.1) |
| Kruskal Wallis ANOVA on Ranks | H=1.535; df=2; p=0.464 | H=2.904; df=2; p=0.234 |
| Body weight (kg) | 76.50(min54.0-max215.0) | 78.25(min40.0-max110.0) | 77.50(min50-max107.0) | 79.75(min50.0-max215.0) | 74.50(min40.0-max107.0) | 67.50(min58.0-max108.0) |
| Kruskal Wallis ANOVA on Ranks | H =0.0269; df=2; p=0.987 | H=2.192; df=2; p=0.334 |
| Fasting glucose levels | 5.10(min4.0-max6.9) | 5.20(min4.0-max6.7) | 5.10(min4.3-max6.4) | 5.10(min4.0-max6.9) | 5.20(min4.4-max6.7) | 5.10(min4.9-max6.4) |
| Kruskal Wallis ANOVA on Ranks | H=0.508; df=2; p=0.776 | H=4.925 ; df=2; p=0.085 |

\* Data are presented as median and minimum and maximum

Additional Table S2. Values of BMI, body weight, fasting glucose levels and HbA1c in T2DM patients subdivided into C carriers (the combined CC and CT genotype) and TT carriers of the DBH -1021C/T

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| --- | --- | --- |
|  | at baseline | after 52-week treatment period |
| DBH -1021C/T genotypes(number of patients) | CT+CC(177) | TT(8) | CT+CC(177) | TT(8) |
| BMI (kg/m2) | 29.76(min20.7-max52.6) | 33.12(min26.5-max35.5) | 29.70(min22.5-max47.3) | 32.42(min27.4-max34.3) |
| Mann-Whitney Test | U = 529.0; p = 0.228 | U = 58.0; p = 0.226 |
| Body weight (kg) | 82.00(min54.0-max128.0) | 87.50(min72.0-max110.0) | 83.00(min55.0-max120.0) | 86.50(min72.0-max106.0) |
| Mann-Whitney Test | U = 898.5; p = 0.298 | U = 898.0; p = 0.300 |
| Fasting glucose levels (mmol/L) | 11.30(min5.2-max21.3) | 11.50(min9.1-max12.8) | 8.20(min4.4-max17.7) | 8.45(min6.2-max11.1) |
| Mann-Whitney Test | U = 663.5; p = 0,589 | U = 671.0; p = 0.624 |
| HbA1c  | 8.50(min6.2-max12.8) | 8.65(min7.8-max10.2) | 7.70(min5.1-max11.9) | 7.75(min6.2-max8.6) |
| Mann-Whitney Test | U = 833.5; p = 0.548 | U = 833.5; p = 0.548 |

\* Data are presented as median and minimum and maximum