

Supplementary Table 1. Influence of canagliflozin and puerarin on body weights in diabetes mice

| Age | Control | | | Diabetes | | | Can | | | Pue (mg/kg) | | | | | | Can + Pue (mg/kg of Pue) | | | | | |
|------|------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--|--|
| | 4 | 10 | 40 | 4 | 10 | 40 | 4 | 10 | 40 | 100 | 4 | 10 | 40 | 100 | 4 | 10 | 40 | 100 | | | |
| 10 w | 24.1 ± 0.5 | 24.1 ± 0.9 | 24.3 ± 0.7 | 24.0 ± 0.8 | 24.3 ± 0.6 | 24.3 ± 0.5 | 24.7 ± 0.8 | 24.2 ± 0.9 | 23.6 ± 0.6 | 24.1 ± 0.7 | 24.2 ± 0.9 | 23.6 ± 0.6 | 24.1 ± 0.7 | 24.7 ± 0.8 | 24.2 ± 0.9 | 23.6 ± 0.6 | 24.1 ± 0.7 | 24.7 ± 0.8 | 24.2 ± 1.4 | | |
| 11 w | 24.9 ± 0.5 | 25.6 ± 0.5 | 25.2 ± 0.4 | 25.3 ± 0.7 | 25.3 ± 0.6 | 25.4 ± 0.4 | 25.4 ± 0.7 | 25.5 ± 0.9 | 25.1 ± 1.0 | 25.2 ± 0.4 | 25.5 ± 0.9 | 25.1 ± 1.0 | 25.2 ± 0.4 | 25.4 ± 0.7 | 25.5 ± 0.9 | 25.1 ± 1.0 | 25.2 ± 0.4 | 25.4 ± 0.7 | 25.5 ± 1.0 | | |
| 12 w | 25.6 ± 0.3 | 26.6 ± 0.4 | 26.1 ± 0.3 | 26.7 ± 0.9 | 26.3 ± 1.4 | 26.2 ± 0.4 | 26.9 ± 0.7 | 26.7 ± 0.6 | 26.3 ± 1.7 | 26.0 ± 0.4 | 26.7 ± 0.6 | 26.3 ± 1.7 | 26.0 ± 0.4 | 26.9 ± 0.7 | 26.7 ± 0.6 | 26.3 ± 1.7 | 26.0 ± 0.4 | 26.9 ± 0.7 | 26.4 ± 1.2 | | |
| 13 w | 26.4 ± 0.5 | 28.2 ± 0.7 [#] | 26.9 ± 0.2 ^{**} | 28.7 ± 0.8 ^{##} | 28.5 ± 0.7 ^{##^} | 27.4 ± 0.4 [#] | 28.0 ± 0.9 ^{##^} | 27.3 ± 1.0 | 27.5 ± 1.3 [#] | 26.5 ± 0.4 ^{**} | 27.3 ± 1.0 | 27.5 ± 1.3 [#] | 26.5 ± 0.4 ^{**} | 28.0 ± 0.9 ^{##^} | 27.3 ± 1.0 | 27.5 ± 1.3 [#] | 26.5 ± 0.4 ^{**} | 28.0 ± 0.9 ^{##^} | 27.6 ± 1.3 [#] | | |
| 14 w | 27.7 ± 0.4 | 30.2 ± 1.0 [#] | 27.8 ± 0.3 ^{**} | 30.4 ± 0.9 ^{##} | 30.1 ± 0.6 ^{##^} | 28.2 ± 0.4 ^{**} | 28.4 ± 0.7 ^{**} | 28.8 ± 0.6 ^{##^} | 28.5 ± 1.2 ^{##} | 27.5 ± 0.5 ^{**} | 28.8 ± 0.6 ^{##^} | 28.5 ± 1.2 ^{##} | 27.5 ± 0.5 ^{**} | 28.4 ± 0.7 ^{**} | 28.8 ± 0.6 ^{##^} | 28.5 ± 1.2 ^{##} | 27.5 ± 0.5 ^{**} | 28.4 ± 0.7 ^{**} | 28.7 ± 0.6 ^{##^} | | |
| 15 w | 28.3 ± 0.5 | 32.7 ± 0.8 [#] | 28.3 ± 0.4 ^{**} | 31.0 ± 0.8 ^{##} | 30.8 ± 0.9 ^{##^} | 29.6 ± 0.5 ^{##^} | 29.5 ± 0.5 ^{##^} | 30.1 ± 0.6 ^{##^} | 29.9 ± 0.8 ^{##^} | 28.4 ± 0.4 ^{**} | 30.1 ± 0.6 ^{##^} | 29.9 ± 0.8 ^{##^} | 28.4 ± 0.4 ^{**} | 29.5 ± 0.5 ^{##^} | 30.1 ± 0.6 ^{##^} | 29.9 ± 0.8 ^{##^} | 28.4 ± 0.4 ^{**} | 29.5 ± 0.5 ^{##^} | 28.7 ± 0.7 ^{##^} | | |
| 16 w | 28.9 ± 0.6 | 34.8 ± 0.8 [#] | 29.1 ± 0.4 ^{**} | 34.3 ± 0.9 ^{##} | 33.4 ± 1.3 ^{##^} | 31.7 ± 0.8 ^{##^} | 31.8 ± 0.9 ^{##^} | 31.8 ± 0.9 ^{##^} | 31.0 ± 0.9 ^{##^} | 31.8 ± 0.9 ^{##^} | 31.8 ± 0.9 ^{##^} | 31.0 ± 0.9 ^{##^} | 31.8 ± 0.9 ^{##^} | 31.8 ± 0.9 ^{##^} | 31.8 ± 0.9 ^{##^} | 31.0 ± 0.9 ^{##^} | 31.8 ± 0.9 ^{##^} | 31.8 ± 0.9 ^{##^} | 29.8 ± 0.9 ^{##^} | | |
| 17 w | 30.3 ± 0.7 | 36.5 ± 0.4 [#] | 30.2 ± 0.6 ^{**} | 35.3 ± 1.1 ^{##} | 34.4 ± 1.2 ^{##^} | 33.0 ± 0.7 ^{##^} | 33.1 ± 1.0 ^{##^} | 31.0 ± 1.6 ^{**} | 31.2 ± 0.7 ^{##} | 33.1 ± 1.0 ^{##^} | 31.0 ± 1.6 ^{**} | 31.2 ± 0.7 ^{##} | 30.3 ± 0.5 ^{**} | 33.1 ± 1.0 ^{##^} | 31.0 ± 1.6 ^{**} | 31.2 ± 0.7 ^{##} | 30.3 ± 0.5 ^{**} | 33.1 ± 1.0 ^{##^} | 30.1 ± 0.3 ^{**} | | |
| 18 w | 32.2 ± 1.3 | 38.5 ± 0.7 [#] | 31.5 ± 0.5 ^{**} | 36.7 ± 1.2 ^{##} | 35.7 ± 0.7 ^{##^} | 34.8 ± 1.0 ^{##^} | 33.8 ± 0.8 ^{##^} | 32.4 ± 1.4 ^{**} | 31.7 ± 0.6 ^{**} | 33.8 ± 0.8 ^{##^} | 32.4 ± 1.4 ^{**} | 31.7 ± 0.6 ^{**} | 31.5 ± 0.3 ^{**} | 33.8 ± 0.8 ^{##^} | 32.4 ± 1.4 ^{**} | 31.7 ± 0.6 ^{**} | 31.5 ± 0.3 ^{**} | 33.8 ± 0.8 ^{##^} | 30.1 ± 0.5 ^{**} | | |
| 19 w | 32.9 ± 1.7 | 39.5 ± 0.6 [#] | 33.0 ± 0.8 ^{**} | 39.0 ± 0.8 ^{##} | 38.2 ± 0.8 ^{##^} | 35.9 ± 0.7 ^{##^} | 35.0 ± 0.7 ^{##^} | 33.7 ± 0.9 ^{**} | 32.2 ± 0.7 ^{**} | 35.0 ± 0.7 ^{##^} | 33.7 ± 0.9 ^{**} | 32.2 ± 0.7 ^{**} | 32.7 ± 0.8 ^{**} | 35.0 ± 0.7 ^{##^} | 33.7 ± 0.9 ^{**} | 32.2 ± 0.7 ^{**} | 32.7 ± 0.8 ^{**} | 35.0 ± 0.7 ^{##^} | 31.4 ± 0.6 ^{##^} | | |
| 20 w | 32.7 ± 1.5 | 39.6 ± 0.7 [#] | 33.1 ± 0.5 ^{**} | 39.4 ± 0.8 ^{##} | 39.3 ± 0.7 ^{##^} | 35.9 ± 0.8 ^{##^} | 35.1 ± 0.9 ^{##^} | 33.4 ± 1.1 ^{**} | 33.1 ± 0.8 ^{**} | 35.1 ± 0.9 ^{##^} | 33.4 ± 1.1 ^{**} | 33.1 ± 0.8 ^{**} | 32.4 ± 1.2 ^{**} | 35.1 ± 0.9 ^{##^} | 33.4 ± 1.1 ^{**} | 33.1 ± 0.8 ^{**} | 32.4 ± 1.2 ^{**} | 35.1 ± 0.9 ^{##^} | 31.5 ± 0.4 ^{##^} | | |
| 21 w | 32.7 ± 0.9 | 39.8 ± 0.9 [#] | 33.6 ± 0.9 ^{**} | 39.7 ± 0.8 ^{##} | 39.3 ± 0.7 ^{##^} | 35.9 ± 0.7 ^{##^} | 35.1 ± 0.5 ^{##^} | 33.3 ± 0.9 ^{**} | 32.8 ± 0.8 ^{**} | 35.1 ± 0.5 ^{##^} | 33.3 ± 0.9 ^{**} | 32.8 ± 0.8 ^{**} | 32.5 ± 0.8 ^{**} | 35.1 ± 0.5 ^{##^} | 33.3 ± 0.9 ^{**} | 32.8 ± 0.8 ^{**} | 32.5 ± 0.8 ^{**} | 35.1 ± 0.5 ^{##^} | 32.0 ± 0.6 ^{##^} | | |
| 22 w | 33.0 ± 1.1 | 39.6 ± 0.9 [#] | 33.9 ± 0.5 ^{**} | 39.6 ± 0.4 ^{##} | 39.2 ± 1.1 ^{##^} | 36.4 ± 0.7 ^{##^} | 34.8 ± 0.7 ^{##^} | 33.6 ± 0.5 ^{**} | 33.4 ± 1.3 ^{**} | 34.8 ± 0.7 ^{##^} | 33.6 ± 0.5 ^{**} | 33.4 ± 1.3 ^{**} | 32.7 ± 1.0 ^{**} | 34.8 ± 0.7 ^{##^} | 33.6 ± 0.5 ^{**} | 33.4 ± 1.3 ^{**} | 32.7 ± 1.0 ^{**} | 34.8 ± 0.7 ^{##^} | 32.3 ± 0.7 ^{##^} | | |

Data are presented as the mean ± SD (n = 6). [#] p < 0.05, ^{##} p < 0.01 vs. Control; *p < 0.05, **p < 0.01 vs. Diabetes; [^] p < 0.05, ^{^^} p < 0.01 vs. Can.

Supplementary Table 2. Influence of canagliflozin and puerarin on blood glucose in diabetes mice

| Age | Control | | | Diabetes | | | Can | | | Pue (mg/kg) | | | | | | Can + Pue (mg/kg of Pue) | | | |
|------|-----------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | 4 | 10 | 40 | 4 | 10 | 40 | 4 | 10 | 40 | 100 | 4 | 10 | 40 | 100 | 4 | 10 | 40 | 100 | |
| 10 w | 6.1 ± 0.4 | 18.1 ± 0.9 [#] | 19.2 ± 1.8 [#] | 18.8 ± 2.0 [#] | 18.8 ± 2.0 [#] | 18.6 ± 1.1 [#] | 19.5 ± 1.7 [#] | 18.6 ± 1.7 [#] | 19.6 ± 2.1 [#] | 18.8 ± 1.4 [#] | 19.5 ± 2.0 [#] | 18.6 ± 1.7 [#] | 19.6 ± 2.1 [#] | 18.8 ± 1.4 [#] | 19.5 ± 2.0 [#] | 18.6 ± 1.7 [#] | 19.6 ± 2.1 [#] | 18.8 ± 1.4 [#] | 19.5 ± 2.0 [#] |
| 11 w | 6.4 ± 0.5 | 19.6 ± 1.4 [#] | 13.2 ± 1.2 ^{#**} | 18.0 ± 1.7 ^{#**} | 17.0 ± 1.5 ^{#**} | 16.1 ± 0.6 ^{#**} | 17.4 ± 0.9 ^{#**} | 12.8 ± 0.9 ^{#**} | 13.4 ± 1.4 ^{#**} | 12.7 ± 1.6 ^{#**} | 17.4 ± 0.9 ^{#**} | 12.8 ± 0.9 ^{#**} | 13.4 ± 1.4 ^{#**} | 12.7 ± 1.6 ^{#**} | 17.4 ± 0.9 ^{#**} | 12.8 ± 0.9 ^{#**} | 13.4 ± 1.4 ^{#**} | 12.7 ± 1.6 ^{#**} | 17.4 ± 0.9 ^{#**} |
| 12 w | 6.4 ± 0.4 | 22.3 ± 2.3 [#] | 8.6 ± 1.5 ^{#**} | 16.3 ± 1.8 ^{#**} | 18.4 ± 1.1 ^{#**} | 15.0 ± 0.9 ^{#**} | 16.3 ± 0.6 ^{#**} | 11.3 ± 0.7 ^{#**} | 10.2 ± 0.5 ^{#**} | 8.4 ± 0.5 ^{#**} | 16.3 ± 0.6 ^{#**} | 11.3 ± 0.7 ^{#**} | 10.2 ± 0.5 ^{#**} | 8.4 ± 0.5 ^{#**} | 16.3 ± 0.6 ^{#**} | 11.3 ± 0.7 ^{#**} | 10.2 ± 0.5 ^{#**} | 8.4 ± 0.5 ^{#**} | 16.3 ± 0.6 ^{#**} |
| 13 w | 6.0 ± 0.4 | 22.5 ± 1.0 [#] | 8.2 ± 1.1 ^{#**} | 17.5 ± 1.2 ^{#**} | 18.3 ± 2.3 ^{#**} | 13.1 ± 0.9 ^{#**} | 14.2 ± 0.7 ^{#**} | 9.9 ± 0.4 ^{#**} | 8.7 ± 1.0 ^{#**} | 7.7 ± 0.6 ^{#**} | 14.2 ± 0.7 ^{#**} | 9.9 ± 0.4 ^{#**} | 8.7 ± 1.0 ^{#**} | 7.7 ± 0.6 ^{#**} | 14.2 ± 0.7 ^{#**} | 9.9 ± 0.4 ^{#**} | 8.7 ± 1.0 ^{#**} | 7.7 ± 0.6 ^{#**} | 14.2 ± 0.7 ^{#**} |
| 14 w | 5.9 ± 0.4 | 21.7 ± 1.0 [#] | 7.1 ± 0.9 ^{#**} | 17.0 ± 1.7 ^{#**} | 18.0 ± 1.7 ^{#**} | 12.1 ± 1.0 ^{#**} | 14.1 ± 0.7 ^{#**} | 9.2 ± 0.5 ^{#**} | 7.2 ± 0.5 ^{#**} | 6.9 ± 0.4 [#] | 14.1 ± 0.7 ^{#**} | 9.2 ± 0.5 ^{#**} | 7.2 ± 0.5 ^{#**} | 6.9 ± 0.4 [#] | 14.1 ± 0.7 ^{#**} | 9.2 ± 0.5 ^{#**} | 7.2 ± 0.5 ^{#**} | 6.9 ± 0.4 [#] | 14.1 ± 0.7 ^{#**} |
| 15 w | 6.2 ± 0.5 | 22.9 ± 1.8 [#] | 7.9 ± 0.6 ^{#**} | 17.8 ± 1.3 ^{#**} | 17.3 ± 2.0 ^{#**} | 11.2 ± 0.9 ^{#**} | 12.4 ± 1.7 ^{#**} | 8.4 ± 0.4 ^{#**} | 7.3 ± 0.6 ^{#**} | 6.9 ± 0.4 [#] | 12.4 ± 1.7 ^{#**} | 8.4 ± 0.4 ^{#**} | 7.3 ± 0.6 ^{#**} | 6.9 ± 0.4 [#] | 12.4 ± 1.7 ^{#**} | 8.4 ± 0.4 ^{#**} | 7.3 ± 0.6 ^{#**} | 6.9 ± 0.4 [#] | 12.4 ± 1.7 ^{#**} |
| 16 w | 6.2 ± 0.3 | 23.1 ± 1.8 [#] | 7.5 ± 0.5 ^{#**} | 16.3 ± 1.5 ^{#**} | 18.1 ± 2.1 ^{#**} | 10.4 ± 0.4 ^{#**} | 10.4 ± 1.1 ^{#**} | 8.1 ± 0.6 ^{#**} | 7.3 ± 0.5 ^{#**} | 6.6 ± 0.5 ^{#**} | 10.4 ± 1.1 ^{#**} | 8.1 ± 0.6 ^{#**} | 7.3 ± 0.5 ^{#**} | 6.6 ± 0.5 ^{#**} | 10.4 ± 1.1 ^{#**} | 8.1 ± 0.6 ^{#**} | 7.3 ± 0.5 ^{#**} | 6.6 ± 0.5 ^{#**} | 10.4 ± 1.1 ^{#**} |
| 17 w | 6.0 ± 0.3 | 23.6 ± 2.1 [#] | 7.4 ± 0.6 ^{#**} | 15.5 ± 1.2 ^{#**} | 18.7 ± 2.9 ^{#**} | 10.4 ± 0.9 ^{#**} | 10.6 ± 1.3 ^{#**} | 7.7 ± 0.3 ^{#**} | 6.9 ± 0.5 ^{#**} | 6.8 ± 0.9 ^{#**} | 10.6 ± 1.3 ^{#**} | 7.7 ± 0.3 ^{#**} | 6.9 ± 0.5 ^{#**} | 6.8 ± 0.9 ^{#**} | 10.6 ± 1.3 ^{#**} | 7.7 ± 0.3 ^{#**} | 6.9 ± 0.5 ^{#**} | 6.8 ± 0.9 ^{#**} | 10.6 ± 1.3 ^{#**} |
| 18 w | 5.7 ± 0.5 | 23.2 ± 0.9 [#] | 6.8 ± 0.4 ^{#**} | 16.0 ± 1.7 ^{#**} | 17.8 ± 3.0 ^{#**} | 10.6 ± 0.6 ^{#**} | 10.1 ± 0.3 ^{#**} | 7.5 ± 0.3 ^{#**} | 6.9 ± 0.3 ^{#**} | 6.5 ± 0.3 ^{#**} | 10.1 ± 0.3 ^{#**} | 7.5 ± 0.3 ^{#**} | 6.9 ± 0.3 ^{#**} | 6.5 ± 0.3 ^{#**} | 10.1 ± 0.3 ^{#**} | 7.5 ± 0.3 ^{#**} | 6.9 ± 0.3 ^{#**} | 6.5 ± 0.3 ^{#**} | 10.1 ± 0.3 ^{#**} |
| 19 w | 6.1 ± 0.5 | 22.5 ± 2.8 [#] | 7.3 ± 0.5 ^{#**} | 16.3 ± 1.6 ^{#**} | 17.9 ± 2.0 ^{#**} | 10.7 ± 0.7 ^{#**} | 10.0 ± 0.8 ^{#**} | 7.3 ± 1.0 ^{#**} | 6.6 ± 0.5 ^{#**} | 6.4 ± 0.3 ^{#**} | 10.0 ± 0.8 ^{#**} | 7.3 ± 1.0 ^{#**} | 6.6 ± 0.5 ^{#**} | 6.4 ± 0.3 ^{#**} | 10.0 ± 0.8 ^{#**} | 7.3 ± 1.0 ^{#**} | 6.6 ± 0.5 ^{#**} | 6.4 ± 0.3 ^{#**} | 10.0 ± 0.8 ^{#**} |
| 20 w | 6.1 ± 0.5 | 23.5 ± 1.7 [#] | 7.3 ± 0.4 ^{#**} | 16.3 ± 1.2 ^{#**} | 18.8 ± 1.8 ^{#**} | 10.6 ± 0.8 ^{#**} | 9.1 ± 0.8 ^{#**} | 7.4 ± 0.5 ^{#**} | 6.2 ± 0.8 ^{#**} | 6.5 ± 0.2 ^{#**} | 9.1 ± 0.8 ^{#**} | 7.4 ± 0.5 ^{#**} | 6.2 ± 0.8 ^{#**} | 6.5 ± 0.2 ^{#**} | 9.1 ± 0.8 ^{#**} | 7.4 ± 0.5 ^{#**} | 6.2 ± 0.8 ^{#**} | 6.5 ± 0.2 ^{#**} | 9.1 ± 0.8 ^{#**} |
| 21 w | 6.1 ± 0.5 | 23.9 ± 1.3 [#] | 7.0 ± 0.6 ^{#**} | 17.5 ± 1.2 ^{#**} | 17.1 ± 2.1 ^{#**} | 10.3 ± 0.6 ^{#**} | 9.1 ± 0.5 ^{#**} | 7.3 ± 0.3 ^{#**} | 6.0 ± 0.9 ^{#**} | 5.9 ± 0.3 ^{#**} | 9.1 ± 0.5 ^{#**} | 7.3 ± 0.3 ^{#**} | 6.0 ± 0.9 ^{#**} | 5.9 ± 0.3 ^{#**} | 9.1 ± 0.5 ^{#**} | 7.3 ± 0.3 ^{#**} | 6.0 ± 0.9 ^{#**} | 5.9 ± 0.3 ^{#**} | 9.1 ± 0.5 ^{#**} |
| 22 w | 6.2 ± 0.6 | 23.1 ± 2.2 [#] | 6.3 ± 0.4 ^{#**} | 17.8 ± 1.8 ^{#**} | 18.0 ± 2.4 ^{#**} | 10.8 ± 0.9 ^{#**} | 9.5 ± 0.7 ^{#**} | 7.0 ± 0.2 ^{#**} | 5.9 ± 0.3 ^{#**} | 5.9 ± 0.3 ^{#**} | 9.5 ± 0.7 ^{#**} | 7.0 ± 0.2 ^{#**} | 5.9 ± 0.3 ^{#**} | 5.9 ± 0.3 ^{#**} | 9.5 ± 0.7 ^{#**} | 7.0 ± 0.2 ^{#**} | 5.9 ± 0.3 ^{#**} | 5.9 ± 0.3 ^{#**} | 9.5 ± 0.7 ^{#**} |

Data are presented as the mean ± SD (n = 6). [#] p < 0.05, ^{#*} p < 0.01 vs. Control; ^{#*} p < 0.05, ^{#**} p < 0.01 vs. Diabetes; [^] p < 0.05, ^{^^} p < 0.01 vs. Can.

Supplementary Table 3. Influence of canagliflozin and puerarin on water and food intake in diabetes mice

| Age | Control | | | Diabetes | | | Can | | | Pue (mg/kg) | | | | | | Can + Pue (mg/kg of Pue) | | | | | | | |
|-----------------------|---------|-----------|-------------------------|---------------------------|---------------------------|---------------------------|----------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|----------------------------|-----|---|----|--------------------------|-----|---|----|----|-----|--|--|
| | 4 | 10 | 40 | 4 | 10 | 40 | 4 | 10 | 40 | 4 | 10 | 40 | 100 | 4 | 10 | 40 | 100 | 4 | 10 | 40 | 100 | | |
| Water intake (ml/day) | 10 w | 2.6 ± 0.4 | 16.1 ± 0.8 [#] | 16.3 ± 0.1 [#] | 16.2 ± 0.6 [#] | 16.4 ± 2.1 [#] | 16.8 ± 0.4 [#] | 15.2 ± 0.3 [#] | 17.0 ± 0.1 [#] | 15.9 ± 0.1 [#] | 16.9 ± 0.2 [#] | 16.6 ± 0.4 [#] | | | | | | | | | | | |
| | 14 w | 2.3 ± 0.1 | 16.2 ± 0.4 [#] | 16.5 ± 0.2 [#] | 15.0 ± 0.3 ^{#^} | 15.1 ± 0.3 ^{#^} | 15.1 ± 0.4 ^{#^} | 14.5 ± 1.3 ^{#**^^} | 16.7 ± 0.1 [#] | 15.3 ± 0.5 ^{#^} | 16.8 ± 0.3 [#] | 15.0 ± 0.1 ^{#**^} | | | | | | | | | | | |
| | 18 w | 2.5 ± 0.1 | 16.5 ± 0.3 [#] | 16.2 ± 0.4 [#] | 15.2 ± 0.3 ^{#*} | 15.3 ± 0.1 [#] | 15.0 ± 0.5 ^{#*^} | 14.3 ± 1.0 ^{#**^^} | 15.2 ± 0.4 ^{#*} | 15.2 ± 0.6 ^{#*} | 16.2 ± 0.9 [#] | 15.0 ± 0.6 ^{#*^} | | | | | | | | | | | |
| | 22 w | 2.4 ± 0.2 | 17.4 ± 0.2 [#] | 14.8 ± 0.3 ^{#**} | 15.3 ± 0.3 ^{#**} | 15.1 ± 0.3 ^{#**} | 16.2 ± 0.4 ^{#**^} | 15.1 ± 0.2 ^{#**} | 14.9 ± 0.9 ^{#**} | 14.7 ± 0.6 ^{#**} | 15.2 ± 0.6 ^{#**} | 14.2 ± 0.1 ^{#**} | | | | | | | | | | | |
| Food intake (g/day) | 10 w | 2.3 ± 0.1 | 3.3 ± 0.1 [#] | 3.5 ± 0.1 [#] | 3.6 ± 0.1 [#] | 3.6 ± 0.5 [#] | 3.6 ± 0.2 [#] | 3.4 ± 0.2 [#] | 3.3 ± 0.3 [#] | 3.3 ± 0.1 [#] | 3.5 ± 0.4 [#] | 3.4 ± 0.3 [#] | | | | | | | | | | | |
| | 14 w | 2.5 ± 0.1 | 4.0 ± 0.3 [#] | 3.3 ± 0.1 ^{#*} | 3.5 ± 0.1 ^{#*} | 3.4 ± 0.2 ^{#*} | 3.7 ± 0.2 [#] | 3.4 ± 0.4 ^{#*} | 3.2 ± 0.2 ^{#**} | 3.1 ± 0.1 ^{#**} | 3.0 ± 0.1 ^{#**} | 2.8 ± 0.1 ^{#**} | | | | | | | | | | | |
| | 18 w | 2.4 ± 0.1 | 3.8 ± 0.3 [#] | 2.8 ± 0.1 ^{**} | 3.2 ± 0.1 ^{#**^} | 3.4 ± 0.1 ^{#**^} | 3.3 ± 0.2 ^{#**^} | 3.3 ± 0.1 ^{#**^} | 2.7 ± 0.1 ^{**} | 2.7 ± 0.1 ^{**} | 2.6 ± 0.1 ^{**} | 2.5 ± 0.1 ^{**} | | | | | | | | | | | |
| | 22 w | 2.1 ± 0.2 | 4.1 ± 0.1 [#] | 2.5 ± 0.1 ^{**} | 3.2 ± 0.3 ^{#**^} | 3.2 ± 0.1 ^{#**^} | 3.2 ± 0.2 ^{#**^} | 3.2 ± 0.1 ^{#**^} | 3.2 ± 0.1 ^{#**^} | 2.5 ± 0.1 ^{**} | 2.3 ± 0.1 ^{**} | 2.1 ± 0.1 ^{**} | | | | | | | | | | | |

Data are presented as the mean ± SD (n = 6). [#]p < 0.05, ^{**}p < 0.01 vs. Control; ^{*}p < 0.05, ^{**}p < 0.01 vs. Diabetes; [^]p < 0.05, ^{^^}p < 0.01 vs. Can.

Supplementary Table 4. Influence of canagliflozin and puerarin on urine volume and urinary glucose excretion in diabetes mice

| | Age | | | Pue (mg/kg) | | | Can + Pue (mg/kg of Pue) | | | | | |
|--------------------------------------|-----------|--------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| | Control | Diabetes | Can | 4 | 10 | 40 | 100 | 4 | 10 | 40 | 100 | |
| Urine volume (ml/day) | 10 w | 1.1 ± 0.1 | 29.9 ± 0.2 [#] | 31.0 ± 0.8 [#] | 31.0 ± 2.1 [#] | 30.6 ± 1.2 [#] | 30.5 ± 0.8 [#] | 30.2 ± 2.4 [#] | 30.0 ± 0.1 [#] | 31.4 ± 0.4 [#] | 30.3 ± 0.7 [#] | |
| | 12 w | 1.3 ± 0.1 | 31.4 ± 0.3 [#] | 31.7 ± 0.2 [#] | 30.6 ± 0.3 [#] | 30.8 ± 1.1 [#] | 29.8 ± 0.4 [#] | 29.8 ± 0.4 [#] | 29.2 ± 1.5 ^{#^} | 31.5 ± 0.4 [#] | 30.0 ± 1.7 [#] | |
| | 14 w | 1.3 ± 0.1 | 31.6 ± 0.2 [#] | 30.4 ± 0.4 ^{#**} | 30.1 ± 1.8 [#] | 28.8 ± 0.4 ^{#**^} | 27.6 ± 0.5 ^{#**^} | 27.6 ± 0.5 ^{#**^} | 29.6 ± 0.6 ^{#*} | 29.5 ± 1.0 ^{#**} | 27.5 ± 0.9 ^{#**^} | |
| | 16 w | 1.3 ± 0.1 | 32.6 ± 0.8 [#] | 29.9 ± 0.8 ^{#**} | 30.4 ± 0.6 ^{#**} | 30.9 ± 0.6 ^{#**} | 30.1 ± 0.6 ^{#**} | 30.1 ± 0.6 ^{#**} | 29.1 ± 1.6 ^{#**} | 29.1 ± 1.6 ^{#**} | 28.0 ± 1.3 ^{#**} | 27.2 ± 1.0 ^{#**^} |
| | 18 w | 1.3 ± 0.1 | 31.5 ± 1.5 [#] | 30.0 ± 0.5 ^{#**} | 30.6 ± 0.6 [#] | 30.7 ± 0.1 [#] | 30.7 ± 0.1 [#] | 29.5 ± 0.8 [#] | 30.0 ± 0.7 [#] | 29.6 ± 0.7 [#] | 29.1 ± 0.7 ^{#**} | 27.9 ± 2.9 ^{#*} |
| | 20 w | 1.3 ± 0.1 | 32.5 ± 0.3 [#] | 29.3 ± 0.2 ^{#**} | 30.4 ± 0.4 ^{#**} | 30.1 ± 0.5 ^{#**} | 30.1 ± 0.5 ^{#**} | 29.2 ± 0.9 ^{#**} | 30.3 ± 0.4 ^{#**} | 29.6 ± 0.7 ^{#**} | 27.5 ± 0.3 ^{#**^} | 26.9 ± 0.4 ^{#**^} |
| Urinary glucose excretion (µmol/day) | 10 w | 0.2 ± 0.1 | 263.1 ± 5.2 [#] | 276.6 ± 9.7 ^{#**} | 274.9 ± 15.6 [#] | 283.8 ± 14.2 [#] | 265.4 ± 3.0 [#] | 277.0 ± 13.7 [#] | 274.1 ± 9.9 [#] | 280.3 ± 3.1 ^{#**} | 279.4 ± 1.5 [#] | |
| | 12 w | 0.2 ± 0.1 | 281.6 ± 0.7 [#] | 202.4 ± 5.6 ^{#**} | 244.1 ± 10.5 ^{#**^} | 236.8 ± 8.3 ^{#**^} | 236.8 ± 6.5 ^{#**^} | 243.0 ± 5.5 ^{#**^} | 194.2 ± 8.5 ^{#**} | 196.6 ± 4.7 ^{#**} | 182.0 ± 23.7 ^{#**} | |
| | 14 w | 0.2 ± 0.1 | 275.2 ± 14.2 [#] | 163.2 ± 1.1 ^{#**} | 265.6 ± 15.5 [#] | 253.4 ± 18.2 ^{#^} | 211.4 ± 6.3 ^{#**^} | 205.6 ± 2.7 ^{#**^} | 145.8 ± 8.6 ^{#**} | 165.1 ± 12.7 ^{#**} | 129.7 ± 0.9 ^{#**^} | 136.4 ± 14.5 ^{#**^} |
| | 16 w | 0.3 ± 0.1 | 268.3 ± 7.3 [#] | 131.4 ± 3.9 ^{#**} | 253.3 ± 21.0 ^{#^} | 244.9 ± 12.1 ^{#^} | 235.0 ± 4.1 ^{#**^} | 218.5 ± 20.2 ^{#**^} | 131.0 ± 8.8 ^{#**} | 113.7 ± 2.7 ^{#**} | 107.1 ± 10.5 ^{#**} | 108.9 ± 19.6 ^{#**} |
| | 18 w | 0.2 ± 0.1 | 271.2 ± 21.2 [#] | 102.6 ± 5.7 ^{#**} | 251.0 ± 7.6 ^{#**} | 247.4 ± 18.5 ^{#**} | 232.1 ± 3.8 ^{#**^} | 206.4 ± 15.2 ^{#**^} | 100.1 ± 14.0 ^{#**} | 79.5 ± 10.5 ^{#**} | 79.3 ± 0.4 ^{#**} | 64.5 ± 10.8 ^{#**^} |
| | 20 w | 0.2 ± 0.1 | 278.3 ± 3.6 [#] | 71.6 ± 1.5 ^{#**} | 256.2 ± 7.1 ^{#**^} | 246.8 ± 4.3 ^{#**^} | 226.6 ± 0.7 ^{#**^} | 203.7 ± 17.3 ^{#**^} | 90.2 ± 5.9 ^{#**^} | 52.9 ± 2.0 ^{#**^} | 32.9 ± 5.7 ^{#**^} | 40.8 ± 5.1 ^{#**^} |
| 22 w | 0.3 ± 0.1 | 293.3 ± 5.1 [#] | 44.3 ± 2.0 ^{#**} | 249.6 ± 11.2 ^{#**^} | 235.4 ± 2.8 ^{#**^} | 219.2 ± 0.1 ^{#**^} | 207.4 ± 1.5 ^{#**^} | 46.3 ± 7.8 ^{#**} | 30.3 ± 0.7 ^{#**} | 11.6 ± 1.8 ^{#**^} | 12.0 ± 4.0 ^{#**^} | |

Data are presented as the mean ± SD (n = 6). [#] p < 0.05, ^{#*} p < 0.01 vs. Control; ^{#*} p < 0.05, ^{#**} p < 0.01 vs. Diabetes; [^] p < 0.05, ^{^^} p < 0.01 vs. Can.