

SUPPLEMENTARY DATA

**Supplementary Table 1. Additional treatment in patients with type 2 diabetes and microalbuminuria during the two years study period.**

	Placebo (n=17)	Irbesartan 150 mg (n=16)	Irbesartan 300 mg (n=17)	<i>P</i>
Antihypertensive agents				
Any	15 (88)	12 (75)	13 (81)	0.58
Diuretics	15 (88)	12 (75)	13 (81)	0.58
Beta-blockers	8 (47)	5 (31)	7 (41)	0.65
Calcium-channel blockers	4 (24)	2 (13)	3 (18)	0.71
Others	3 (18)	1 (6)	4 (24)	0.39
Lipid-lowering agents				
Any	4 (24)	4 (25)	5 (29)	0.92
Statin	4 (24)	3 (19)	5 (29)	0.77

Data are number (%). Treatments with duration beyond 100 days are included in the analysis.

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**Supplementary Table 2. Relationship between changes in 8-oxodG and 8-oxoGuo excretions and other variables.**

Variable	Δ 8-oxodG (%)			Δ 8-oxoGuo (%)		
	β	R <sup>2</sup>	P	β	R <sup>2</sup>	P
<u>Changes</u>						
ΔUrinary albumin excretion (%)	0.413	0.179	0.014	0.023	0.0001	0.95
ΔWeight (%)	-1.729	0.125	0.04	1.690	0.035	0.30
ΔSystolic blood pressure (%)	-0.002	0.000	0.99	-0.070	0.0004	0.91
ΔDiastolic blood pressure (%)	0.111	0.003	0.76	0.044	0.0001	0.95
ΔGFR (%)	0.620	0.074	0.13	-1.218	0.083	0.11
ΔHbA <sub>1C</sub> (%)	0.470	0.176	0.015	0.376	0.033	0.31
ΔHemoglobin (%)	0.984	0.098	0.08	-1.606	0.075	0.12
Δ 8-oxodG (%)	-	-	-	-	-	-
Δ 8-oxoGuo (%)	0.241	0.017	0.47	-	-	-
<u>Baseline</u>						
Age (years)	-1.142	0.144	0.03	0.172	0.000	0.86
Urinary albumin excretion (μg/min)	0.021	0.002	0.81	0.013	0.000	0.94
Body- mass index (kg/m <sup>2</sup> )	1.723	0.096	0.08	0.747	0.005	0.69
Weight (kg)	0.571	0.098	0.08	0.523	0.024	0.39
Known diabetes duration (years)	-1.166	0.093	0.09	0.561	0.006	0.66
Systolic blood pressure (mmHg)	-0.465	0.115	0.05	0.181	0.005	0.69
Diastolic blood pressure (mmHg)	0.440	0.040	0.27	0.275	0.004	0.71
GFR (ml /min per 1.73 m <sup>2</sup> )	0.060	0.003	0.77	-0.357	0.029	0.34
HbA <sub>1C</sub> (%)	-2.267	0.025	0.38	-3.152	0.014	0.51
Hemoglobin (mmol/l)	-0.981	0.002	0.78	7.640	0.044	0.24
Cholesterol (mmol/l)	-0.118	0.061	0.17	-0.223	0.063	0.16
LDL Cholesterol (mmol/l)	-0.092	0.036	0.30	-0.219	0.060	0.18
HDL Cholesterol (mmol/l)	-0.807	0.310	0.0008	0.020	0.000	0.97
Triglycerides (mmol/l)	0.033	0.043	0.25	-0.006	0.000	0.91
Serum creatinine (μmol/l)	15.954	0.010	0.57	77.924	0.071	0.13
8-oxodG (nmol/mmol creat)	-10.744	0.264	0.002	-4.732	0.015	0.50
8-oxoGuo (nmol/mmol creat)	-3.305	0.041	0.26	-4.948	0.027	0.36

GFR: Glomerular filtration rate, HbA<sub>1C</sub>: Glycosylated hemoglobin, 8-oxodG: 8-oxo-7,8-dihydro-2'-deoxyguanosine, 8-oxoGuo: 8-oxo-7,8-dihydroguanosine.