

Online-only Appendix Table 8. Association of DCCT baseline variables with VEGF polymorphisms

Marker				P value
rs1547651				
Total cohort (<i>n</i> = 1354)				
Genotype	A/A	A/T	T/T	
Counts	941	382	31	
Sex				
Male (<i>n</i> = 712)	487	205	20	
Female (<i>n</i> = 642)	454	177	11	0.33
DCCT treatment				
Intensive (<i>n</i> = 665)	456	193	16	
Conventional (<i>n</i> = 689)	485	189	15	0.77
Cohort				
Primary (<i>n</i> = 680)	479	182	19	
Secondary (<i>n</i> = 674)	462	200	12	0.27
Stimulated C-Peptide (pmol/ml)	0.12±0.12	0.10±0.11	0.10±0.11	0.073
Age at diagnosis (years)	21.47±8.00	20.71±8.14	19.29±7.91	0.76
Baseline age (years)	26.95±7.09	26.68±7.10	24.10±6.14	0.17
Type 1 diabetes duration (years)	5.51±4.16	5.98±4.22	4.75±3.50	0.056
HbA1c Eligibility %	9.01±1.56	9.13±1.71	9.03±1.52	0.077
BMI (kg/m ²)	23.48±2.84	23.19±2.79	23.82±2.84	0.21
Mean arterial blood pressure (mmHg)	86.71±8.69	86.02±8.99	84.77±7.48	0.14
Total cholesterol (mg/dl)	176.11±33.23	175.93±32.95	187.13±42.95	0.42
HDL cholesterol (mg/dl)	50.34±12.07	50.29±12.40	52.42±14.12	0.73
Triglyceride (mg/dl)	80.99±49.02	82.52±40.77	93.32±92.04	0.34
Baseline smoking (pack/yr)	2.84±6.41	3.06±7.66	2.56±5.89	0.95
AER (µg/min)	15.98±19.39	15.48±15.67	14.73±26.46	0.11
ETDRS scale	2.15±1.55	2.28±1.61	1.84±1.29	0.15

rs699947				P value
Total cohort (<i>n</i> =1345)				
Genotype	A/A	A/C	C/C	
Counts	340	651	354	
Sex				
Male (<i>n</i> = 706)	186	346	174	
Female (<i>n</i> = 639)	154	305	180	0.31
DCCT treatment				
Intensive (<i>n</i> = 661)	168	318	175	
Conventional (<i>n</i> = 684)	172	333	179	0.98
Cohort				
Primary (<i>n</i> = 678)	171	333	174	
Secondary (<i>n</i> = 667)	169	318	180	0.83
Stimulated C-Peptide (pmol/ml)	0.11±0.12	0.11±0.12	0.12±0.12	0.50
Age at diagnosis (years)	20.86±8.24	21.34±7.92	21.24±8.18	0.92
Baseline age (years)	26.56±7.37	26.92±6.95	26.76±7.08	0.77
Type 1 diabetes duration (years)	5.67±4.09	5.63±4.22	5.55±4.16	0.82
HbA1c Eligibility %	9.05±1.65	9.04±1.64	9.04±1.53	0.62
BMI (kg/m ²)	23.34±2.86	23.30±2.76	23.70±2.91	0.26
Mean arterial blood pressure (mmHg)	85.83±8.32	86.71±8.89	86.71±8.84	0.17
Total cholesterol (mg/dl)	176.83±36.38	176.95±33.31	173.66±30.64	0.26
HDL cholesterol (mg/dl)	51.42±12.54	50.02±12.15	50.04±12.16	0.21
Triglyceride (mg/dl)	84.92±53.26	81.99±48.61	78.32±42.51	0.23
Baseline smoking (pack/yr)	3.00±7.29	3.05±7.10	2.47±5.45	0.92
AER (µg/min)	17.27±25.73	15.35±15.11	15.04±14.53	0.42
ETDRS scale	2.15±1.58	2.17±1.53	2.23±1.61	0.84

rs2010963				P value
Total cohort (<i>n</i> = 1314)				
Genotype	G/G	C/G	C/C	
Counts	136	564	614	
Sex				
Male (<i>n</i> = 686)	69	292	325	
Female (<i>n</i> = 628)	67	272	289	0.87
DCCT treatment				
Intensive (<i>n</i> = 651)	70	284	297	
Conventional (<i>n</i> = 663)	66	280	317	0.72
Cohort				
Primary (<i>n</i> = 659)	71	277	311	
Secondary (<i>n</i> = 655)	65	287	303	0.76
Stimulated C-Peptide (pmol/ml)	0.12±0.13	0.12±0.12	0.11±0.12	0.073
Age at diagnosis (years)	21.24±7.66	21.49±8.09	20.87±8.19	0.73
Baseline age (years)	26.53±6.92	27.10±7.06	26.59±7.19	0.42
Type 1 diabetes duration (years)	5.35±4.07	5.67±4.24	5.71±4.14	0.40
HbA1c Eligibility %	9.08±1.47	9.06±1.63	9.04±1.64	0.50
BMI (kg/m ²)	23.72±2.97	23.33±2.83	23.42±2.83	0.57
Mean arterial blood pressure (mmHg)	86.92±8.92	86.77±8.85	85.98±8.65	0.20
Total cholesterol (mg/dl)	172.54±29.54	177.11±31.68	176.51±35.86	0.23
HDL cholesterol (mg/dl)	49.61±11.40	50.37±12.38	50.64±12.43	0.66
Triglyceride (mg/dl)	75.01±35.40	81.65±48.91	82.94±48.40	0.22
Baseline smoking (pack/yr)	1.98±4.40	2.80±6.64	3.24±7.42	0.68
AER (µg/min)	15.16±15.68	15.31±15.33	16.49±21.93	0.54
ETDRS scale	2.30±1.80	2.18±1.51	2.17±1.57	0.85

rs3024987				P value
Total cohort (<i>n</i> = 1363)				
Genotype	A/A	A/G	G/G	
Counts	30	284	1049	
Sex				
Male (<i>n</i> = 719)	13	146	560	
Female (<i>n</i> = 644)	17	138	489	0.48
DCCT treatment				
Intensive (<i>n</i> = 671)	13	145	513	
Conventional (<i>n</i> = 692)	17	139	536	0.66
Cohort				
Primary (<i>n</i> = 684)	12	142	530	
Secondary (<i>n</i> = 679)	18	142	519	0.53
Stimulated C-Peptide (pmol/ml)	0.08±0.09	0.11±0.11	0.12±0.12	0.32
Age at diagnosis (years)	18.93±7.89	21.33±8.07	21.23±8.09	0.69
Baseline age (years)	25.10±7.25	26.89±6.95	26.86±7.14	0.28
Type 1 diabetes duration (years)	6.11±4.12	5.59±4.09	5.65±4.21	0.47
HbA1c Eligibility %	9.20±1.55	9.01±1.66	9.04±1.59	0.77
BMI (kg/m ²)	23.99±2.75	23.48±2.92	23.37±2.81	0.49
Mean arterial blood pressure (mmHg)	87.99±9.96	86.33±8.73	86.51±8.69	0.39
Total cholesterol (mg/dl)	182.70±37.01	176.21±33.18	176.13±33.36	0.72
HDL cholesterol (mg/dl)	54.53±15.32	49.86±12.27	50.38±12.10	0.21
Triglyceride (mg/dl)	82.47±30.17	80.85±44.05	82.13±49.78	0.47
Baseline smoking (pack/yr)	2.52±5.17	3.35±7.21	2.80±6.70	0.75
AER (µg/min)	14.74±11.67	16.13±17.34	15.75±19.05	0.95
ETDRS scale	2.41±1.62	2.18±1.54	2.18±1.57	0.63

rs833068				P value
Total cohort (<i>n</i> = 1332)				
Genotype	A/A	A/G	A/G	
Counts	143	576	613	
Sex				
Male (<i>n</i> = 699)	70	304	325	
Female (<i>n</i> = 633)	73	272	288	0.67
DCCT treatment				
Intensive (<i>n</i> = 655)	73	286	296	
Conventional (<i>n</i> = 677)	70	290	317	0.80
Cohort				
Primary (<i>n</i> = 668)	77	287	304	
Secondary (<i>n</i> = 664)	66	289	309	0.65
Stimulated C-Peptide (pmol/ml)	0.12±0.13	0.12±0.12	0.11±0.12	0.048
Age at diagnosis (years)	21.34±7.83	21.31±8.02	20.93±8.18	0.92
Baseline age (years)	26.53±6.97	26.94±7.00	26.69±7.20	0.68
Type 1 diabetes duration (years)	5.27±4.10	5.67±4.25	5.75±4.17	0.73
HbA1c Eligibility %	9.05±1.49	9.03±1.60	9.04±1.62	0.31
BMI (kg/m ²)	23.66±2.97	23.29±2.81	23.46±2.85	0.54
Mean arterial blood pressure (mmHg)	86.71±8.89	86.93±8.76	86.07±8.68	0.22
Total cholesterol (mg/dl)	171.66±29.31	176.64±31.27	176.80±35.95	0.16
HDL cholesterol (mg/dl)	49.50±11.30	50.23±12.17	50.57±12.36	0.60
Triglyceride (mg/dl)	74.66±34.73	82.05±50.51	83.74±49.32	0.18
Baseline smoking (pack/yr)	1.96±4.36	2.68±6.37	3.34±7.56	0.51
AER (µg/min)	14.87±15.41	15.36±15.16	16.45±21.99	0.44
ETDRS scale	2.25±1.78	2.17±1.50	2.20±1.59	0.92

rs833070				P value
Total cohort (<i>n</i> = 1330)				
Genotype	T/T	C/T	C/C	
Counts	336	649	345	
Sex				
Male (<i>n</i> = 696)	182	343	171	
Female (<i>n</i> = 634)	154	306	174	0.45
DCCT treatment				
Intensive (<i>n</i> = 655)	164	319	172	
Conventional (<i>n</i> = 675)	172	330	173	0.96
Cohort				
Primary (<i>n</i> = 664)	166	333	165	
Secondary (<i>n</i> = 666)	170	316	180	0.56
Stimulated C-Peptide (pmol/ml)	0.11±0.12	0.11±0.12	0.11±0.12	0.76
Age at diagnosis (years)	20.85±8.16	21.37±8.01	21.11±8.14	0.41
Baseline age (years)	26.65±7.34	26.92±7.00	26.72±7.02	0.70
Type 1 diabetes duration (years)	5.77±4.15	5.60±4.21	5.64±4.18	0.86
HbA1c Eligibility %	9.04±1.65	9.01±1.61	9.12±1.56	0.56
BMI (kg/m ²)	23.42±2.82	23.29±2.80	23.61±2.90	0.55
Mean arterial blood pressure (mmHg)	85.86±8.36	86.62±8.92	86.57±8.89	0.28
Total cholesterol (mg/dl)	177.59±36.51	176.89±33.03	172.99±30.29	0.12
HDL cholesterol (mg/dl)	51.38±12.47	50.15±12.24	49.85±12.08	0.23
Triglyceride (mg/dl)	85.52±53.45	81.61±48.56	77.58±39.13	0.20
Baseline smoking (pack/yr)	3.16±7.59	2.99±7.01	2.39±5.32	0.92
AER (µg/min)	17.41±25.86	15.28±15.25	14.90±14.43	0.66
ETDRS scale	2.20±1.61	2.15±1.53	2.27±1.62	0.62

rs3024994				P value
Total cohort (<i>n</i> = 1363)				
Genotype	A/A	A/G	G/G	
Counts	3	127	1233	
Sex				
Male (<i>n</i> = 719)	1	67	651	
Female (<i>n</i> = 644)	2	60	582	0.86
DCCT treatment				
Intensive (<i>n</i> = 671)	0	58	613	
Conventional (<i>n</i> = 692)	3	69	620	0.18
Cohort				
Primary (<i>n</i> = 684)	2	62	620	
Secondary (<i>n</i> = 679)	1	65	613	0.84
Stimulated C-Peptide (pmol/ml)	0.16±0.20	0.11±0.11	0.11±0.12	0.88
Age at diagnosis (years)	30.00±12.17	20.81±8.54	21.22±8.02	0.033
Baseline age (years)	33.67±7.57	26.50±7.26	26.84±7.08	0.27
Type 1 diabetes duration (years)	3.86±4.75	5.70±4.31	5.65±4.17	0.24
HbA1c Eligibility %	7.46±0.43	9.26±1.61	9.02±1.61	0.47
BMI (kg/m ²)	26.01±3.42	23.41±2.69	23.40±2.84	0.38
Mean arterial blood pressure (mmHg)	89.11±13.10	85.73±8.63	86.57±8.73	0.55
Total cholesterol (mg/dl)	184.67±75.59	170.87±32.93	176.83±33.31	0.092
HDL cholesterol (mg/dl)	60.67±5.86	47.76±11.55	50.60±12.26	0.015
Triglyceride (mg/dl)	58.67±12.66	80.74±51.82	82.05±47.95	0.30
Baseline smoking (pack/yr)	6.33±10.97	2.59±5.84	2.94±6.87	0.94
AER (µg/min)	10.56±3.00	13.38±11.23	16.07±19.17	0.33
ETDRS scale	2.00±1.73	2.15±1.51	2.19±1.57	0.96

rs2146323				P value
Total cohort (<i>n</i> = 1363)				
Genotype	A/A	A/C	C/C	
Counts	173	628	562	
Sex				
Male (<i>n</i> = 719)	97	336	286	
Female (<i>n</i> = 644)	76	292	276	0.43
DCCT treatment				
Intensive (<i>n</i> = 671)	79	319	273	
Conventional (<i>n</i> = 692)	94	309	289	0.45
Cohort				
Primary (<i>n</i> = 684)	88	323	273	
Secondary (<i>n</i> = 679)	85	305	289	0.61
Stimulated C-Peptide (pmol/ml)	0.11±0.12	0.11±0.12	0.12±0.12	0.76
Age at diagnosis (years)	20.99±8.12	21.43±8.07	21.02±8.09	0.77
Baseline age (years)	26.77±7.02	27.03±7.14	26.62±7.09	0.70
Type 1 diabetes duration (years)	5.75±4.02	5.64±4.21	5.62±4.20	0.59
HbA1c Eligibility %	9.13±1.66	9.03±1.64	9.02±1.55	0.55
BMI (kg/m ²)	23.49±2.76	23.26±2.80	23.55±2.88	0.32
Mean arterial blood pressure (mmHg)	85.71±8.13	86.37±8.77	86.89±8.85	0.13
Total cholesterol (mg/dl)	181.05±36.12	176.28±33.82	174.84±31.94	0.15
HDL cholesterol (mg/dl)	50.91±12.68	50.31±12.26	50.24±12.05	0.89
Triglyceride (mg/dl)	92.38±59.93	80.75±49.07	79.90±42.72	0.010
Baseline smoking (pack/yr)	3.08±7.50	2.97±7.28	2.79±5.93	0.62
AER (μg/min)	16.44±28.90	15.13±14.39	16.38±18.67	0.022
ETDRS scale	2.24±1.75	2.14±1.51	2.22±1.58	0.69

rs3025007				P value
Total cohort (<i>n</i> = 1359)				
Genotype	A/A	A/G	G/G	
Counts	275	646	438	
Sex				
Male (<i>n</i> = 717)	138	353	226	
Female (<i>n</i> = 642)	137	293	212	0.39
DCCT treatment				
Intensive (<i>n</i> = 669)	123	339	207	
Conventional (<i>n</i> = 690)	152	307	231	0.061
Cohort				
Primary (<i>n</i> = 681)	144	320	217	
Secondary (<i>n</i> = 678)	131	326	221	0.71
Stimulated C-Peptide (pmol/ml)	0.11±0.12	0.11±0.12	0.11±0.12	0.87
Age at diagnosis (years)	21.58±7.92	21.07±7.95	21.12±8.37	0.47
Baseline age (years)	27.07±7.08	26.76±7.12	26.75±7.09	0.79
Type 1 diabetes duration (years)	5.46±4.11	5.74±4.17	5.65±4.25	0.83
HbA1c Eligibility %	8.97±1.65	9.02±1.56	9.11±1.65	0.58
BMI (kg/m ²)	23.65±2.82	23.30±2.85	23.40±2.80	0.21
Mean arterial blood pressure (mmHg)	87.11±8.32	86.29±8.89	86.47±8.71	0.42
Total cholesterol (mg/dl)	177.57±37.11	176.55±32.82	175.06±31.92	0.70
HDL cholesterol (mg/dl)	51.53±12.37	49.94±12.03	50.33±12.39	0.19
Triglyceride (mg/dl)	82.09±43.20	83.83±53.66	78.79±42.72	0.51
Baseline smoking (pack/yr)	3.50±7.49	2.91±6.79	2.51±6.28	0.46
AER (µg/min)	17.58±26.00	15.78±17.41	14.84±14.10	0.93
ETDRS scale	2.11±1.55	2.19±1.54	2.25±1.62	0.54

rs3025010				P value
Total cohort (<i>n</i> = 1341)				
Genotype	C/C	C/T	T/T	
Counts	186	643	512	
Sex				
Male (<i>n</i> = 705)	102	344	259	
Female (<i>n</i> = 636)	84	299	253	0.49
DCCT treatment				
Intensive (<i>n</i> = 662)	91	318	253	
Conventional (<i>n</i> = 679)	95	325	259	0.99
Cohort				
Primary (<i>n</i> = 673)	92	332	249	
Secondary (<i>n</i> = 668)	94	311	263	0.59
Stimulated C-Peptide (pmol/ml)	0.11±0.12	0.11±0.12	0.12±0.12	0.50
Age at diagnosis (years)	20.62±8.30	21.41±8.09	21.10±8.02	0.73
Baseline age (years)	26.52±7.27	26.96±7.09	26.72±7.09	0.61
Type 1 diabetes duration (years)	5.85±4.02	5.59±4.19	5.64±4.22	0.72
HbA1c Eligibility %	9.13±1.66	9.04±1.66	9.02±1.54	0.35
BMI (kg/m ²)	23.62±2.77	23.24±2.79	23.52±2.90	0.29
Mean arterial blood pressure (mmHg)	85.87±7.99	86.48±8.72	86.69±8.98	0.37
Total cholesterol (mg/dl)	180.52±35.97	175.75±33.54	175.45±32.00	0.29
HDL cholesterol (mg/dl)	50.80±12.61	50.38±12.21	50.05±11.98	0.88
Triglyceride (mg/dl)	93.62±61.58	79.52±47.22	80.50±43.38	0.0035
Baseline smoking (pack/yr)	3.09±7.49	2.86±7.17	2.87±5.93	0.21
AER (µg/min)	17.25±30.75	14.80±12.78	16.43±18.14	0.022
ETDRS scale	2.25±1.73	2.11±1.47	2.24±1.60	0.52

rs3025020

Total cohort (<i>n</i> = 1362)				P value
Genotype	A/A	A/G	G/G	
Counts	145	583	634	
Sex				
Male (<i>n</i> = 718)	83	314	321	
Female (<i>n</i> = 644)	62	269	313	0.27
DCCT treatment				
Intensive (<i>n</i> = 671)	72	283	316	
Conventional (<i>n</i> = 691)	73	300	318	0.90
Cohort				
Primary (<i>n</i> = 684)	65	302	317	
Secondary (<i>n</i> = 678)	80	281	317	0.32
Stimulated C-Peptide (pmol/ml)	0.10±0.11	0.12±0.12	0.11±0.11	0.79
Age at diagnosis (years)	21.64±7.88	21.74±8.05	20.60±8.13	0.69
Baseline age (years)	27.48±7.20	27.20±7.10	26.33±7.05	0.032
Type 1 diabetes duration (years)	5.83±4.00	5.50±4.14	5.74±4.26	0.041
HbA1c Eligibility %	9.00±1.58	9.12±1.73	8.98±1.49	0.56
BMI (kg/m ²)	23.36±2.86	23.41±2.86	23.41±2.80	1.00
Mean arterial blood pressure (mmHg)	88.16±7.67	86.41±8.96	86.21±8.72	0.033
Total cholesterol (mg/dl)	180.99±31.08	177.25±34.19	174.34±33.10	0.087
HDL cholesterol (mg/dl)	49.88±11.43	50.85±12.42	50.05±12.20	0.55
Triglyceride (mg/dl)	87.74±47.92	81.74±49.89	80.62±46.82	0.10
Baseline smoking (pack/yr)	2.81±6.00	3.23±7.43	2.64±6.31	0.35
AER (µg/min)	17.03±18.64	15.59±17.32	15.76±19.65	0.43
ETDRS scale	2.24±1.41	2.15±1.56	2.21±1.61	0.41

rs3025021

Total cohort (<i>n</i> = 1342)				P value
Genotype	C/C	C/T	T/T	
Counts	616	586	140	
Sex				
Male (<i>n</i> = 705)	335	296	74	
Female (<i>n</i> = 637)	281	290	66	0.41
DCCT treatment				
Intensive (<i>n</i> = 661)	293	291	77	
Conventional (<i>n</i> = 681)	323	295	63	0.28
Cohort				
Primary (<i>n</i> = 671)	314	291	66	
Secondary (<i>n</i> = 671)	302	295	74	0.70
Stimulated C-Peptide (pmol/ml)	0.11±0.12	0.12±0.12	0.10±0.11	0.72
Age at diagnosis (years)	21.27±7.89	21.28±8.23	20.55±8.26	0.68
Baseline age (years)	26.84±7.12	26.94±7.00	26.41±7.37	0.58
Type 1 diabetes duration (years)	5.60±4.13	5.69±4.29	5.86±4.08	0.76
HbA1c Eligibility %	9.07±1.64	9.01±1.60	9.08±1.50	0.70
BMI (kg/m ²)	23.40±2.85	23.30±2.85	23.80±2.67	0.15
Mean arterial blood pressure (mmHg)	86.79±8.44	85.96±9.09	87.37±8.21	0.084
Total cholesterol (mg/dl)	176.30±33.15	176.94±34.09	171.54±29.26	0.32
HDL cholesterol (mg/dl)	50.13±12.06	50.58±12.55	49.88±11.34	0.90
Triglyceride (mg/dl)	80.79±45.81	83.22±51.96	80.60±44.09	0.74
Baseline smoking (pack/yr)	3.13±6.99	3.02±7.07	2.02±4.96	0.077
AER (μg/min)	15.26±15.06	16.73±22.89	14.19±10.72	0.85
ETDRS scale	2.13±1.51	2.24±1.64	2.22±1.49	0.58

rs3025028

Total cohort (<i>n</i> = 1367)				P value
Genotype	C/C	C/G	G/G	
Counts	426	695	246	
Sex				
Male (<i>n</i> = 720)	226	367	127	
Female (<i>n</i> = 647)	200	328	119	0.93
DCCT treatment				
Intensive (<i>n</i> = 672)	203	337	132	
Conventional (<i>n</i> = 695)	223	358	114	0.29
Cohort				
Primary (<i>n</i> = 686)	220	345	121	
Secondary (<i>n</i> = 681)	206	350	125	0.77
Stimulated C-Peptide (pmol/ml)	0.12±0.12	0.11±0.12	0.11±0.12	0.56
Age at diagnosis (years)	20.89±7.92	21.54±8.03	20.85±8.47	0.49
Baseline age (years)	26.39±7.03	27.23±7.03	26.47±7.38	0.37
Type 1 diabetes duration (years)	5.54±4.17	5.71±4.18	5.62±4.20	0.11
HbA1c Eligibility %	9.08±1.65	9.00±1.61	9.09±1.51	0.73
BMI (kg/m ²)	23.46±2.86	23.29±2.85	23.61±2.70	0.19
Mean arterial blood pressure (mmHg)	86.59±8.40	86.34±9.02	86.67±8.55	0.85
Total cholesterol (mg/dl)	177.18±33.02	177.40±34.02	171.38±31.76	0.041
HDL cholesterol (mg/dl)	50.19±12.15	50.40±12.24	50.67±12.29	0.92
Triglyceride (mg/dl)	80.79±45.71	83.72±51.91	78.12±41.15	0.54
Baseline smoking (pack/yr)	2.69±6.30	3.27±7.54	2.32±5.16	0.24
AER (μg/min)	16.08±16.77	15.59±19.55	15.95±18.59	0.18
ETDRS scale	2.16±1.55	2.23±1.62	2.13±1.43	0.82

rs3025030

Total cohort (<i>n</i> = 1308)				P value
Genotype	G/G	C/G	C/C	
Counts	31	285	992	
Sex				
Male (<i>n</i> = 687)	19	142	526	
Female (<i>n</i> = 621)	12	143	466	0.39
DCCT treatment				
Intensive (<i>n</i> = 642)	12	141	489	
Conventional (<i>n</i> = 666)	19	144	503	0.52
Cohort				
Primary (<i>n</i> = 659)	22	154	483	
Secondary (<i>n</i> = 649)	9	131	509	0.019
Stimulated C-Peptide (pmol/ml)	0.14 ± 0.11	0.11 ± 0.12	0.11 ± 0.12	0.15
Age at diagnosis (years)	21.68 ± 8.29	20.68 ± 7.91	21.28 ± 8.16	0.37
Baseline age (years)	25.68 ± 8.17	26.19 ± 6.82	27.01 ± 7.18	0.54
Type 1 diabetes duration (years)	3.98 ± 2.64	5.53 ± 4.28	5.75 ± 4.19	0.11
HbA1c Eligibility %	9.16 ± 1.48	8.91 ± 1.55	9.06 ± 1.63	0.12
BMI (kg/m ²)	23.35 ± 3.05	23.42 ± 2.89	23.38 ± 2.8	0.83
Mean arterial blood pressure (mmHg)	84.9 ± 8.48	85.74 ± 8.57	86.69 ± 8.83	0.10
Total cholesterol (mg/dl)	171.74 ± 43.46	177.83 ± 32.26	175.8 ± 33.21	0.28
HDL cholesterol (mg/dl)	49.84 ± 13.17	50.72 ± 11.88	50.35 ± 12.31	0.73
Triglyceride (mg/dl)	96.87 ± 102.7	79.91 ± 40.49	81.7 ± 47.29	0.86
Baseline smoking (pack/yr)	3.12 ± 6.64	2.86 ± 7.29	2.88 ± 6.69	0.90
AER (μg/min)	12.91 ± 8.28	15.62 ± 22.25	15.98 ± 17.85	0.45
ETDRS scale	1.58 ± 1.15	2.24 ± 1.77	2.20 ± 1.53	0.037

rs3025035

Total cohort (<i>n</i> = 1363)				P value
Genotype	A/A	A/G	G/G	
Counts	6	185	1172	
Sex				
Male (<i>n</i> = 719)	1	106	612	
Female (<i>n</i> = 644)	5	79	560	0.093
DCCT treatment				
Intensive (<i>n</i> = 671)	3	96	572	
Conventional (<i>n</i> = 692)	3	89	600	0.78
Cohort				
Primary (<i>n</i> = 684)	1	89	594	
Secondary (<i>n</i> = 679)	5	96	578	0.22
Stimulated C-Peptide (pmol/ml)	0.05±0.06	0.11±0.12	0.11±0.12	0.31
Age at diagnosis (years)	20.00±9.47	20.30±8.25	21.35±8.04	0.83
Baseline age (years)	28.83±8.21	26.23±7.27	26.91±7.07	0.30
Type 1 diabetes duration (years)	8.99±5.07	5.89±4.32	5.59±4.15	0.41
HbA1c Eligibility %	9.17±1.05	9.08±1.64	9.03±1.61	0.18
BMI (kg/m ²)	23.34±3.55	23.43±2.91	23.40±2.81	0.94
Mean arterial blood pressure (mmHg)	81.72±10.05	87.26±8.63	86.41±8.73	0.25
Total cholesterol (mg/dl)	167.50±19.25	174.83±33.79	176.57±33.40	0.66
HDL cholesterol (mg/dl)	38.50±9.22	48.30±12.11	50.75±12.20	0.0015
Triglyceride (mg/dl)	122.33±65.11	85.49±48.21	81.10±48.12	0.038
Baseline smoking (pack/yr)	5.70±13.86	2.46±6.35	2.97±6.80	0.46
AER (μg/min)	29.28±34.17	15.87±15.02	15.73±18.96	0.41
ETDRS scale	4.33±1.86	2.25±1.65	2.17±1.55	0.017

rs3025053

Total cohort (<i>n</i> = 1363)				P value
Genotype	A/A	A/G	G/G	
Counts	23	253	1087	
Sex				
Male (<i>n</i> = 719)	9	150	560	
Female (<i>n</i> = 644)	14	103	527	0.035
DCCT treatment				
Intensive (<i>n</i> = 671)	10	122	539	
Conventional (<i>n</i> = 692)	13	131	548	0.81
Cohort				
Primary (<i>n</i> = 684)	12	133	539	
Secondary (<i>n</i> = 679)	11	120	548	0.68
Stimulated C-Peptide (pmol/ml)	0.09±0.11	0.12±0.12	0.11±0.12	0.67
Age at diagnosis (years)	21.65±7.64	22.00±8.28	21.01±8.04	0.86
Baseline age (years)	27.83±6.36	27.43±7.32	26.67±7.06	0.22
Type 1 diabetes duration (years)	6.34±4.67	5.39±4.26	5.69±4.15	0.17
HbA1c Eligibility %	9.01±1.33	9.09±1.62	9.03±1.61	0.48
BMI (kg/m ²)	23.20±2.54	23.30±2.82	23.43±2.84	0.81
Mean arterial blood pressure (mmHg)	85.16±9.82	87.15±8.38	86.38±8.78	0.34
Total cholesterol (mg/dl)	167.57±25.95	173.66±35.61	177.09±32.97	0.17
HDL cholesterol (mg/dl)	49.13±14.25	50.74±12.50	50.30±12.12	0.81
Triglyceride (mg/dl)	84.78±56.88	81.11±57.36	81.99±45.74	0.35
Baseline smoking (pack/yr)	3.06±5.31	3.96±7.75	2.66±6.55	0.022
AER (µg/min)	18.22±18.95	14.00±11.93	16.18±19.77	0.67
ETDRS scale	2.13±1.66	2.08±1.46	2.21±1.59	0.56

Data were measured at time of recruitment to DCCT (except HbA1C which was measured at eligibility) and are represented as means ± SD. Fisher's exact test P values are reported for categorical traits; Kruskal-Wallis non-parametric P values are used for continuous traits.

The following variables were Ln transformed to normalize the data for statistical analysis: eligibility F total cholesterol, HDL cholesterol, triglycerides, and AER. ETDRS scale is obtained by scoring the patients according to ETDRS scoring system.