Supplementary Table 1 Inclusion and Exclusion Criteria

Inclusion:	Exclusion:
Between 18 and 80 years of age.	Less than 18 years or more than 80 years of age.
Subjects must be willing to follow study procedures and instructions.	Patients with active oral or systemic inflammation, genetic mutations, cancer or diseases of the salivary glands.
Subjects must have read, understood and signed an informed consent form.	Have had a change in medications within the last 120 days
	Pregnant women due to problems with a type of diabetes called gestational diabetes.
	Patients who have had something to eat or drink in the last 30 minutes.
	Patients who have smoked a cigarette or chewed gum in the last 30 minutes.

Supplementary Table 2 Demographic data of Recruited Subjects

	Diabetes	<7	7-8	8-9	9-10	>10	All Subjects	
Number of Subjects	T1	16	16	13	7	4	56	153
	T2	32	30	16	7	12	97	
A1C Average (SD)	T1	6.4 (±0.4)	7.4 (±0.3)	8.3 (±0.3)	9.5 (±0.3)	13 (±1.5)	8.9	8.8
	T2	6.3 (±0.5)	7.5 (±0.3)	8.4 (±0.3)	9.4 (±0.4)	12 (±1.4)	8.7	
Average Age (SD)	T1	44.5 (±16.88)	48.1 (±11.43)	51.9 (±18.87)	39.9 (±18.38)	30 (±9.06)	42.9	49.4
	T2	58.8 (±10.94)	60.2 (±11.1)	60 (±12.5)	51.4 (±11.77)	49.3 (±12.11)	55.9	
Gender	T1	11 M / 5 F	7 F	8 F	1 M / 6 F	3 M / 1 F	29 M	27 F
	T2	15 M / 17 F	18 F	9 F	5 M / 2 F	9 M / 3 F	48 M	49 F
Race	T1	2 W, 14 AA	2 AA, 14 W	4 AA, 1 N/A, 8 W	2 W, 4 AA, 1 N/A	1 AA, 3 W	29 W, 37 AA, 2 N/A	
	T2	15 AA, 16 W, 1 other	13 AA, 1 As, 16 W	4 AA, 1 AI/AN, 1 N/A, 10 W	1 W, 1 N/A, 5 AA	5 AA, 1 other, 6 W	49 W, 42 AA, 2 other, 1 As, 1 AI/AN, 2 N/A	

Ethnicity												
	T1	16 N	0 H	16 N	0 H	13 N	0 H	6 N	1 H	4 N	0 H	55 N, 1 H
	T2	30 N	1 H, 1 U	30 N	0 H	15 N	1 H	6 N	1 H	10 N	1 H, 1 U	91 N, 4 H, 2 U

Racial Abbreviations: W = Caucasian; AA = African American; As = Asian; AI/AN = American Indian/Alaskan Native; other = multiracial; N/A = did not identify race

Ethnicity Abbreviations: N = Non-hispanic; H = Hispanic, U = unidentified

Gender: M = Male; F = Female

Diabetes; T1 = Type 1 diabetes; T2 = Type 2 diabetes

Age in years

Supplementary Table 3 Sample Summary

		T1					T2				
		A1	B1	C1	D1	E1	A2	B2	C2	D2	E2
Age (19-78)	41 total	4	4	4	4	4	5	4	4	4	4
Gender (41) M:F	22M:19F	2:2	2:2	2:2	0:4	3:1	3:2	2:2	3:1	2:2	3:1
Race (41) W:AA:other	9W: 16AA: 4other	3:1:0	3:1:0	3:1:0	0:3:1	3:1:0	3:1:1	2:2:0	2:1:1	0:4:0	2:2:0
Ethnicity (41) H:N:U	3H: 37N:1U	0:4:0	0:4:0	0:4:0	1:3:0	0:4:0	0:4:1	0:4:0	0:4:0	0:4:0	1:3:0

Racial Abbreviations: W = Caucasian; AA = African American; other = multiracial, Asian, American Indian/Alaskan Native, or N/A

Ethnicity Abbreviations: N = Non-hispanic; H = Hispanic, U = unidentified

Gender: M = Male; F = Female

Diabetes; T1 = Type 1 diabetes; T2 = Type 2 diabetes

Age in years