Supplemental Table 1. CIR and NIR of sequential hair segments from Community A (n = 12)

Sample ID	Segment (cm)	$\delta^{13}C$ (‰VPDB)	$\delta^{15}N$ (‰ AIR)	% C	% N	C/N
A1	1	-16.4	11.7	48.3	16.3	3.5
	2	-16.6	12.4	47.9	16.3	3.4
	3	-16.5	13.0	47.6	16.3	3.4
	4	-16.7	12.7	47.7	16.2	3.4
	5	-16.7	12.4	47.1	16.0	3.4
	6	-16.8	12.6	48.3	16.3	3.5
	7	-16.7	11.7	48.5	16.5	3.4
	8	-17.8	14.4	44.9	15.1	3.5
	9	-16.4	11.2	51.9	17.4	3.5
	10	-16.6	11.2	48.6	16.2	3.5
	11	-17.0	11.5	51.0	16.4	3.6
	12	-16.5	11.3	47.9	16.0	3.5
	13	-16.4	11.3	48.7	16.3	3.5
	14	-16.7	11.4	49.3	16.3	3.5
	15	-16.6	11.8	48.0	16.1	3.5
	16	-16.7	12.1	48.0	16.1	3.5
	17	-17.1	11.6	48.6	15.8	3.6
A2	1	-16.1	10.6	47.5	16.0	3.5
	2	-16.1	11.3	47.2	15.8	3.5
	3	-16.5	11.2	47.4	15.8	3.5
	4	-16.3	12.1	47.5	16.0	3.5
	5	-16.3	10.7	47.3	15.9	3.5
	6	-16.5	10.6	47.8	16.1	3.5
	7	-16.7	10.8	48.8	16.4	3.5
A3	1	-16.7	11.1	46.5	15.9	3.4

	2	-16.4	11.7	43.0	14.5	3.5
	3	-16.1	11.6	46.8	15.8	3.5
	4	-16.3	11.7	46.7	15.8	3.5
	5	-16.4	11.4	46.9	15.8	3.5
	6	-16.7	11.3	47.4	15.6	3.5
	7	-16.3	11.6	46.9	15.5	3.5
	8	-16.0	11.4	47.0	15.7	3.5
A4	1	-18.0	10.5	46.5	15.8	3.4
	2	-17.8	10.1	46.4	15.9	3.4
	3	-18.3	10.4	50.1	16.2	3.6
	4	-18.1	10.2	49.8	16.1	3.6
	5	-18.3	10.5	47.6	15.4	3.6
	6	-18.1	10.9	48.2	16.0	3.5
	7	-18.1	10.8	46.4	15.5	3.5
A5	1	-16.2	10.5	48.4	16.0	3.5
	2	-16.7	11.1	47.5	15.9	3.5
	3	-16.8	11.2	46.1	15.7	3.4
	4	-16.5	10.2	46.7	16.0	3.4
	5	-16.9	10.2	61.0	19.7	3.6
	6	-16.6	10.4	46.1	15.6	3.4
	7	-17.0	10.9	45.3	15.5	3.4
	8	-16.8	11.5	45.5	15.6	3.4
	9	-16.3	11.5	47.0	16.0	3.4
	10	-16.4	12.2	46.2	15.3	3.5
	11	-16.7	11.9	47.4	15.9	3.5
	12	-16.9	11.4	47.5	15.5	3.6

	13	-16.6	10.9	47.0	15.8	3.5
	14	-16.8	10.6	47.5	15.9	3.5
	15	-17.1	10.5	46.7	15.7	3.5
	16	-17.2	10.5	47.6	15.8	3.5
A6	1	-17.8	11.5	47.6	15.8	3.5
	2	-17.9	11.4	48.3	15.8	3.6
	3	-18.0	11.5	47.9	16.1	3.5
	4	-18.2	11.6	48.2	16.1	3.5
	5	-18.2	11.6	48.9	15.8	3.6
	6	-18.0	11.6	47.1	15.9	3.5
	7	-18.3	11.7	48.6	15.5	3.6
	8	-18.2	11.9	48.5	16.1	3.5
	9	-17.6	12.1	48.4	16.2	3.5
	10	-17.3	12.6	47.9	16.3	3.4
	11	-17.2	12.3	47.0	16.1	3.4
	12	-17.4	11.7	47.5	16.1	3.5
	13	-17.5	11.2	47.0	15.9	3.4
	14	-17.6	10.9	46.7	16.1	3.4
	15	-17.9	10.6	47.2	15.8	3.5
	16	-17.8	10.6	47.8	16.2	3.4
	17	-17.8	10.6	48.3	16.2	3.5
	18	-17.9	11.0	48.3	16.1	3.5
	19	-17.7	10.9	47.8	16.2	3.5
	20	-17.9	11.4	47.7	15.9	3.5
	21	-17.9	11.3	48.4	16.0	3.5
	22	-17.9	11.8	48.4	16.0	3.5
	23	-17.8	11.5	48.6	16.3	3.5

24	-17.5	12.0	48.5	16.3	3.5
25	-17.9	11.8	48.5	16.2	3.5
26	-17.7	12.0	47.4	16.0	3.5
27	-17.9	11.8	47.6	15.9	3.5
28	-17.9	11.7	49.1	16.3	3.5
29	-18.0	11.3	47.7	15.9	3.5
30	-17.9	11.4	47.7	16.1	3.5
31	-18.0	11.4	47.5	16.0	3.5
32	-18.1	11.4	47.4	15.8	3.5
33	-18.0	11.7	47.5	15.9	3.5
34	-18.1	11.7	47.1	15.9	3.5
35	-18.1	11.5	48.3	16.0	3.5
36	-18.4	11.8	48.0	16.1	3.5
37	-18.3	11.6	47.0	15.8	3.5
38	-18.6	12.2	47.6	15.4	3.6
39	-18.3	12.2	47.5	15.8	3.5
40	-18.0	12.2	47.7	16.1	3.5
41	-18.1	12.4	47.7	16.0	3.5
42	-18.4	12.1	51.5	16.2	3.7
43	-17.9	12.0	50.8	16.2	3.7
44	-18.1	12.1	51.5	16.3	3.7
45	-18.2	11.6	49.7	15.5	3.7
46	-18.1	11.7	52.1	16.5	3.7
47	-18.1	11.1	50.3	16.1	3.6
48	-17.9	11.0	49.8	16.0	3.6
49	-18.1	11.2	48.3	15.3	3.7
50	-18.0	11.2	49.4	16.0	3.6
51	-18.2	11.0	49.0	15.7	3.6

	52	-18.1	11.5	45.1	14.6	3.6
	53	-18.1	11.6	48.4	15.8	3.6
	54	-18.2	11.7	49.8	15.7	3.7
	55	-18.4	11.0	49.6	15.5	3.7
	56	-18.0	11.8	49.9	16.1	3.6
A7	1	-17.6	13.1	46.5	16.0	3.4
	2	-17.0	13.5	46.2	15.8	3.4
	3	-16.9	13.8	48.3	16.1	3.5
	4	-16.9	14.2	46.1	15.8	3.4
	5	-17.4	13.5	45.9	15.5	3.5
	6	-17.4	12.7	47.0	16.0	3.4
	7	-17.6	12.4	47.1	15.8	3.5
	8	-17.9	12.3	46.5	15.5	3.5
	9	-17.9	12.1	46.8	15.5	3.5
A8	1	-18.2	13.5	42.8	14.2	3.5
	2	-18.3	13.6	42.9	14.3	3.5
	3	-18.6	13.3	44.0	14.6	3.5
	4	-18.2	14.1	42.2	14.0	3.5
	5	-18.2	14.4	42.7	14.3	3.5
	6	-18.5	14.5	43.1	14.3	3.5
	7	-18.7	14.0	42.9	14.2	3.5
	8	-18.5	13.9	43.0	14.3	3.5
	9	-18.2	14.2	42.8	14.2	3.5
	10	-18.1	14.1	42.8	14.1	3.5
	11	-17.9	14.0	43.2	14.3	3.5
	12	-18.0	13.3	42.8	14.2	3.5

	13	-18.5	13.0	43.9	14.5	3.5
	14	-18.9	12.8	43.3	14.2	3.5
	15	-18.9	13.0	43.9	14.5	3.5
	16	-19.1	12.9	44.1	14.5	3.6
	17	-18.9	12.9	44.5	14.6	3.6
	18	-19.0	12.8	44.7	14.6	3.6
	19	-18.9	12.8	44.7	14.6	3.6
	20	-18.9	12.8	46.5	15.2	3.6
	21	-18.6	12.4	46.0	15.1	3.6
	22	-18.6	12.6	44.0	14.3	3.6
A9	1	-17.3	12.7	36.0	11.9	3.5
	2	-17.5	13.0	43.1	14.2	3.5
	3	-17.5	13.5	43.7	14.2	3.6
	4	-17.3	13.4	40.9	13.3	3.6
	5	-17.7	13.0	42.8	14.0	3.6
	6	-17.9	12.7	43.1	14.0	3.6
	7	-17.7	11.6	43.2	14.0	3.6
	8	-17.9	12.0	43.3	14.0	3.6
	9	-18.0	12.3	43.1	14.0	3.6
	10	-18.1	12.6	43.1	13.9	3.6
	11	-18.1	12.1	43.1	13.9	3.6
	12	-18.0	12.3	43.2	13.9	3.6
	13	-17.9	12.1	43.7	14.0	3.6
	14	-17.8	12.0	41.5	13.6	3.6
	15	-18.0	12.0	42.7	13.9	3.6
	16	-17.9	12.0	42.6	13.9	3.6
	17	-17.9	12.0	44.1	14.3	3.6

	18	-17.7	12.3	44.4	14.3	3.6
	19	-17.7	12.7	46.4	14.7	3.7
A10	1	-19.0	11.7	53.9	16.5	3.8
	2	-17.8	12.1	47.1	15.3	3.6
	3	-17.7	12.9	58.0	19.0	3.6
	4	-17.8	13.1	48.7	16.0	3.6
	5	-17.9	13.0	47.7	15.4	3.6
	6	-18.2	12.5	49.5	15.5	3.7
	7	-18.5	12.9	49.5	15.1	3.8
	8	-18.2	11.6	50.9	16.2	3.7
	9	-18.3	12.0	50.2	15.8	3.7
	10	--	12.5	--	14.4	--
	11	-18.1	12.5	48.3	15.9	3.6
	12	-18.1	12.8	48.3	15.9	3.5
	13	-18.3	12.6	48.2	15.7	3.6
	14	-18.3	12.8	48.2	15.7	3.6
	15	-18.3	12.6	48.3	15.3	3.7
	16	-18.3	12.7	48.4	15.3	3.7
	17	-18.2	12.5	48.9	15.7	3.6
	18	-18.5	12.3	49.1	15.1	3.8
A11	1	-18.0	14.5	43.8	14.5	3.5
	2	-17.8	14.7	46.7	15.7	3.5
	3	-17.8	14.7	44.1	14.8	3.5
	4	-17.5	14.9	43.9	14.7	3.5
	5	-17.6	15.2	43.6	14.6	3.5
	6	-17.5	15.1	44.0	14.7	3.5

	7	-17.9	14.6	43.9	14.6	3.5
	8	-17.9	13.8	44.2	14.8	3.5
	9	-17.9	13.9	43.8	14.5	3.5
	10	-17.9	13.9	43.7	14.6	3.5
	11	-17.8	14.6	39.7	13.2	3.5
	12	-17.9	14.9	43.9	14.6	3.5
	13	-17.8	14.7	43.6	14.5	3.5
	14	-18.0	14.4	44.0	14.5	3.5
	15	-17.9	14.5	43.1	14.3	3.5
	16	-18.0	13.9	44.9	14.8	3.5
	17	-17.8	13.9	44.1	14.6	3.5
	18	-17.8	14.2	44.3	14.6	3.5
	19	-17.7	14.3	44.1	14.5	3.5
	20	-17.9	14.1	44.2	14.4	3.6
	21	-17.8	13.9	44.8	14.6	3.6
A12	1	-17.5	15.0	47.8	16.2	3.4
	2	-17.3	15.4	46.1	16.0	3.4
	3	-17.4	14.8	46.2	16.0	3.4
	4	-17.5	14.8	46.5	15.9	3.4
	5	-17.7	15.0	46.7	16.0	3.4
	6	-17.7	15.3	47.2	16.1	3.4
	7	-17.9	14.6	47.3	15.9	3.5
	8	-18.5	15.1	50.3	16.3	3.6

-- = missing data

Supplemental Table 2. CIR and NIR of sequential hair segments from Community B (*n* = 6)

Sample ID	Segment (cm)	$\delta^{13}C$ (%VPDB)	$\delta^{15}N$ (% AIR)	% C	% N	C/N
B1	1	-18.2	10.8	48.7	16.7	3.4
	2	-18.4	11.5	47.1	15.9	3.5
	3	-18.4	11.7	47.1	15.8	3.5
	4	-18.0	11.9	46.7	15.8	3.5
	5	-18.2	10.8	47.0	15.9	3.4
	6	-18.3	10.5	46.1	15.7	3.4
B2	1	-18.7	10.7	46.1	15.7	3.4
	2	-19.0	10.5	46.0	15.5	3.5
	3	-18.9	10.7	46.8	15.6	3.5
	4	-18.7	10.8	46.8	15.6	3.5
	5	-18.6	10.8	46.7	15.6	3.5
	6	-18.6	10.7	46.6	15.5	3.5
	7	-18.6	10.9	46.5	15.3	3.5
	8	-18.2	11.2	44.6	14.6	3.6
	9	-18.1	11.2	44.1	14.5	3.5
	10	-18.3	11.3	44.6	14.6	3.6
	11	-18.1	11.2	44.7	14.7	3.5
	12	-18.3	10.9	43.9	14.3	3.6
	13	-18.2	10.8	45.5	14.7	3.6
B3	1	-17.7	8.8	41.2	13.8	3.5
	2	-17.4	8.8	42.0	13.9	3.5
	3	-17.3	9.0	41.9	14.0	3.5
	4	-17.0	9.5	41.5	13.9	3.5
	5	-17.1	9.8	42.5	14.1	3.5

	6	-17.5	10.0	42.5	14.1	3.5
	7	-17.3	9.0	42.5	14.1	3.5
	8	-17.1	9.0	42.1	14.0	3.5
	9	-17.1	8.8	42.3	14.0	3.5
	10	-17.3	9.2	42.4	13.8	3.6
	11	-17.0	8.7	42.6	14.0	3.6
	12	-17.0	8.8	42.0	13.8	3.5
	13	-16.9	8.8	42.4	14.0	3.5
	14	-16.8	9.1	42.8	14.1	3.5
	15	-17.0	8.9	43.1	14.0	3.6
	16	-17.1	9.1	42.4	14.0	3.5
	17	-17.2	9.0	41.7	13.7	3.5
	18	-17.4	9.3	42.4	14.0	3.5
	19	-17.4	9.3	42.0	13.9	3.5
	20	-17.7	9.2	41.0	13.4	3.6
	21	-17.7	8.5	43.2	14.2	3.5
	22	-17.7	8.3	43.2	14.2	3.6
	23	-17.3	8.1	42.3	13.9	3.6
B4	1	-18.5	14.9	44.4	14.8	3.5
	2	-18.6	15.1	42.7	14.2	3.5
	3	-18.2	15.3	44.0	14.7	3.5
	4	-18.5	14.4	43.7	14.6	3.5
	5	-18.8	13.8	46.7	15.5	3.5
	6	-19.0	13.4	42.4	14.0	3.5
	7	-18.8	13.6	42.5	14.0	3.5
	8	-18.8	13.9	43.5	14.3	3.5
	9	-18.4	14.0	44.4	14.5	3.6

	10	-18.5	13.9	44.9	14.6	3.6
	11	-18.4	14.0	44.9	14.6	3.6
	12	-18.4	14.3	44.5	14.5	3.6
	13	-18.3	14.5	44.8	14.6	3.6
B5	1	-18.1	14.6	48.0	16.0	3.5
	2	-17.8	14.6	47.4	16.1	3.4
	3	-17.6	14.4	47.7	16.3	3.4
	4	-16.6	11.2	50.3	17.0	3.4
	5	-17.7	14.4	47.9	16.1	3.5
	6	-17.6	14.6	47.8	16.2	3.4
B6	1	-18.3	11.6	45.4	15.5	3.4
	2	-18.2	11.4	46.7	15.9	3.4
	3	-18.3	11.9	47.0	15.8	3.5
	4	--	--	--	--	--
	5	-17.8	11.4	96.3	32.9	3.4
	6	-17.8	11.2	43.3	14.6	3.5
	7	-18.2	11.7	47.1	15.9	3.5
	8	-18.2	11.7	46.8	15.7	3.5
	9	-17.5	11.5	46.1	16.3	3.3
	10	-18.0	11.2	46.8	15.7	3.5
	11	-17.6	11.2	47.2	15.8	3.5
	12	-17.9	10.9	47.1	15.7	3.5

-- = missing data