

Table S1. Expedition log book for Mount Denali / McKinley Hypoxia Research Expedition. Information obtained during the ascent and summit of Denali, June 1st to June 16th of 2007. The oxygen pressure (PO₂) was calculated from the barometric pressure. Load Ferry (LF) refers to a climb with loads to the specified highpoint and return to the starting point. The time of exposure is indicated in brackets.

DAY	LOCATION	ALTITUDE (m)	PO ₂ mmHg (%)
1	Base Camp	2200	123.6 (16.3%)
2	Base Camp	2200	123.6 (16.3%)
3	Base Camp	2200	123.6 (16.3%)
4	Ski Hill	2400	120.7 (15.9%)
5	Kahiltna Pass	2950	113.0 (14.9%)
6	Motorcycle Hill	3350	107.7 (14.2%)
7	Motorcycle Hill	3350	107.7 (14.2%)
8	LF from Motorcycle	4150 (5 hours)	97.7 (12.9%)
9	Medical Camp	4350	95.3 (12.5%)
10	LF from Medical Camp	4150 (5 hours)	97.7 (12.9%)
11	Medical Camp	4350	95.3 (12.5%)
12	LF from Medical Camp	4900	89.0 (11.7%)
13	Medical Camp	4350	95.3 (12.5%)
14	High Camp	5250	85.1 (11.2%)
15	Summit	6194 (0.3 hours)	75.4 (9.9%)
16	High Camp	5250	85.1 (11.2%)

