

**Table S5.** Quantities from DNA collection, isolation, and processing for each MYI and seawater sample.

<b>Sample</b>	<b>Volume sampled (L)</b>	<b>DNA quantity (ng <math>\mu\text{L}^{-1}</math>)</b>	<b>Reads</b>	<b>High quality reads</b>
I13	40†	4.89	8 324	8 300
I14	61†	12.5	4 073	4 052
S15	49	5.18	11 777	11 649
S16	84	16.7	11 387	11 321
S17	28	6.33	11 600	11 547

† Volume includes ice melt and 17 L of added brine solution