

**Table S2** Various alignment quality metrics for Type 1 and Type 2 Infinium probes.

Alignment quality	Infinium probe	
	Type 1	Type 2
Average % identity	96.1	96.3
Average bitscore	81.7	81.8
Average E-value	$3.4e^{-12}$	$2.6e^{-12}$