CIGAR OP.	Example seq./CIGAR	PyBamView
M (aln. match)	TGGCCCCT *8M*	
I (insertion)	TTCGGTCT *3M2I3M*	
D (deletion)	CGCCGC *5M2D1M*	
N (skipped)	TTCCAT *5M2N1M*	
S (soft clip)	CGCAGATGGCG *3S8M*	
H (hard clip)	TCCCCTTC *3H8M*	
= (seq. match)	ACGGCTTG *8=*	
X (seq. mismatch)	TACCACGG *6=2X*	
P (padding)	ACCACC *3M2P3M* ACCTACC *3M1I1P3M* ACCGACC *3M1P1I3M*	