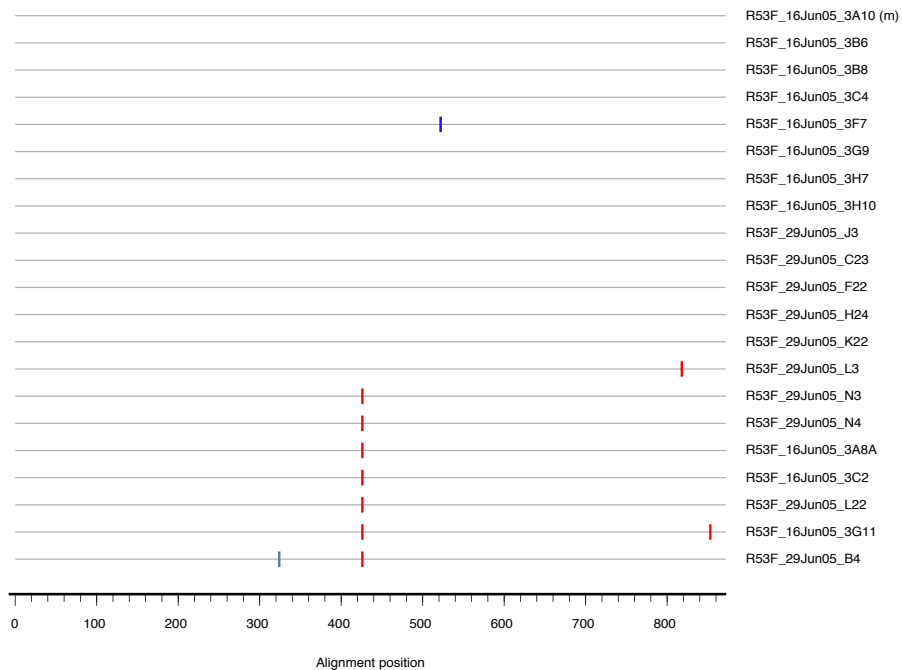
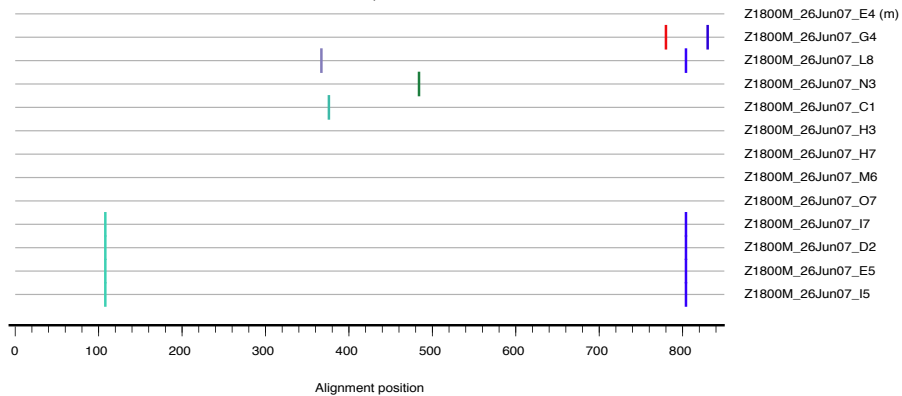


A**R53F**

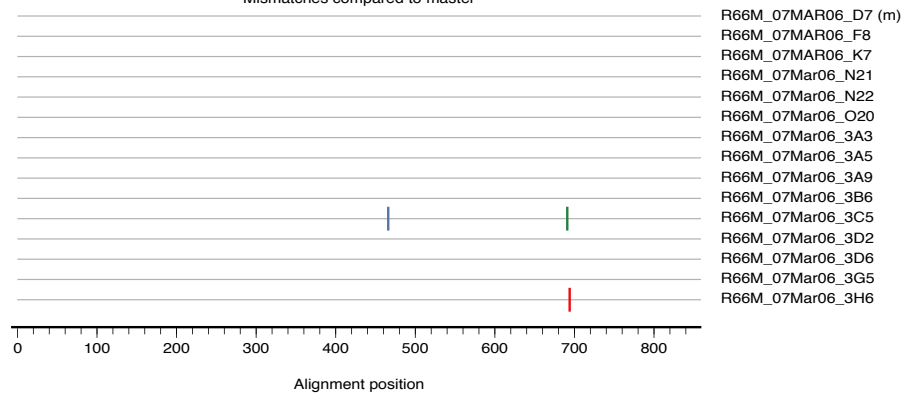
Mismatches compared to master

**Z1800M**

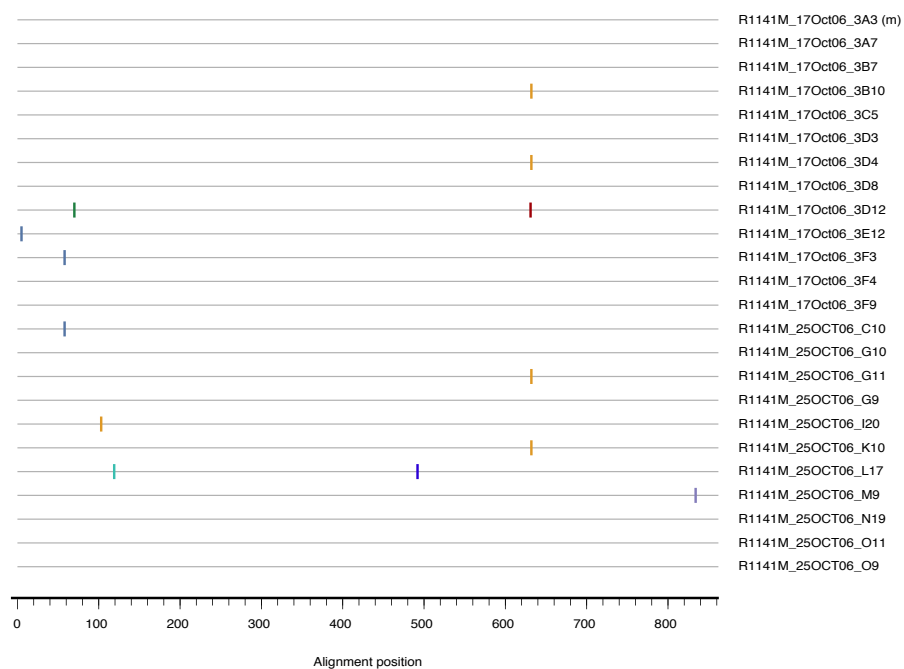
Mismatches compared to master

**R66M**

Mismatches compared to master

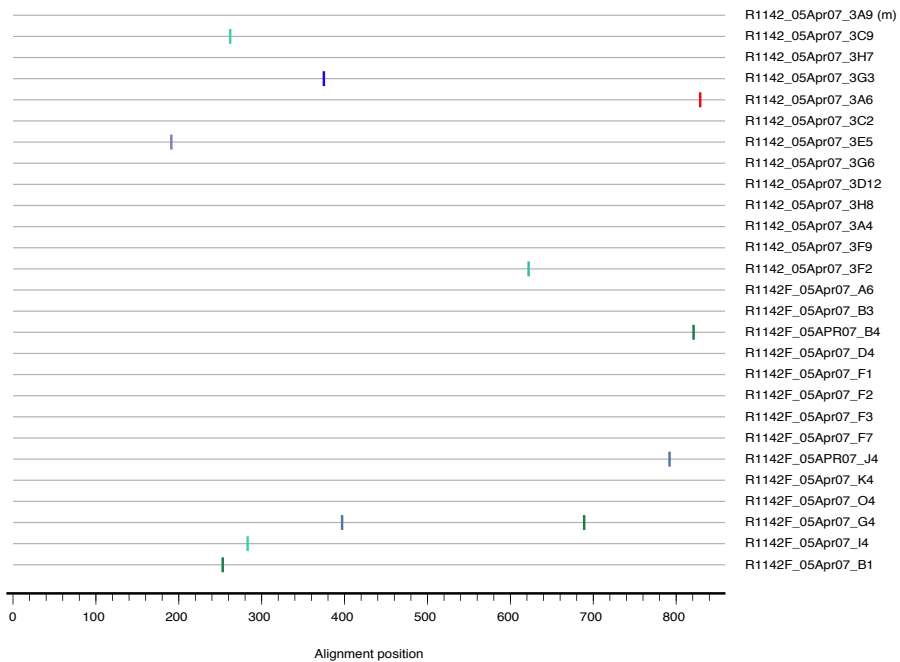
**R1141M**

Mismatches compared to master

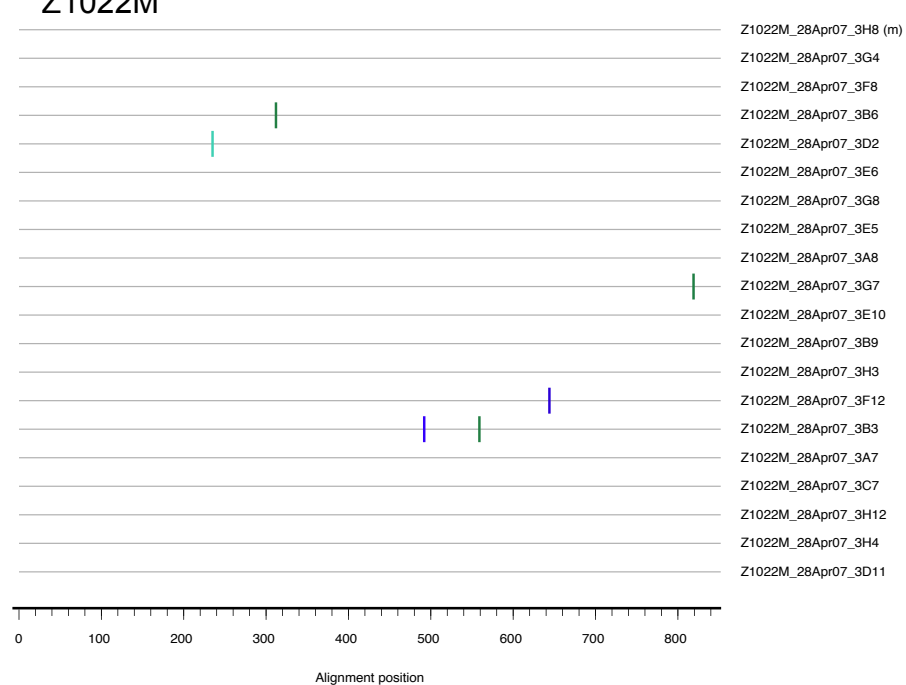


B**R1142F**

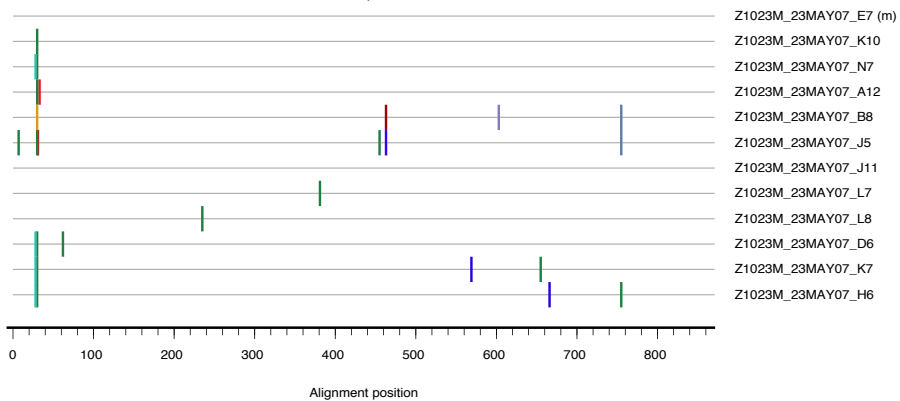
Mismatches compared to master

**Z1022M**

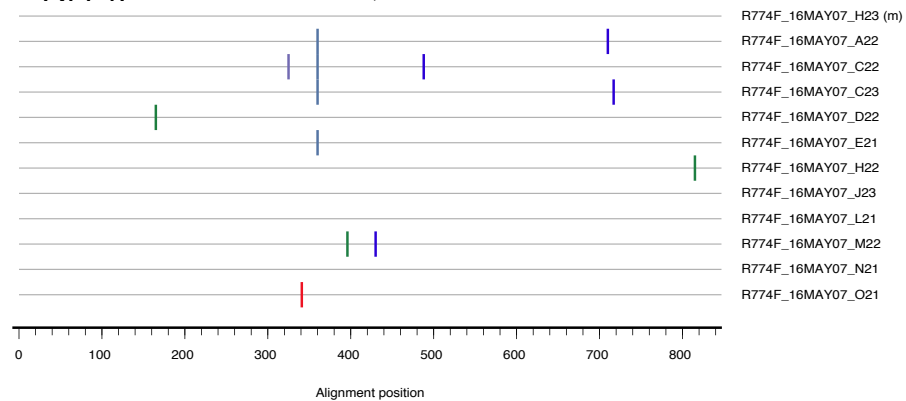
Mismatches compared to master

**Z1023M**

Mismatches compared to master

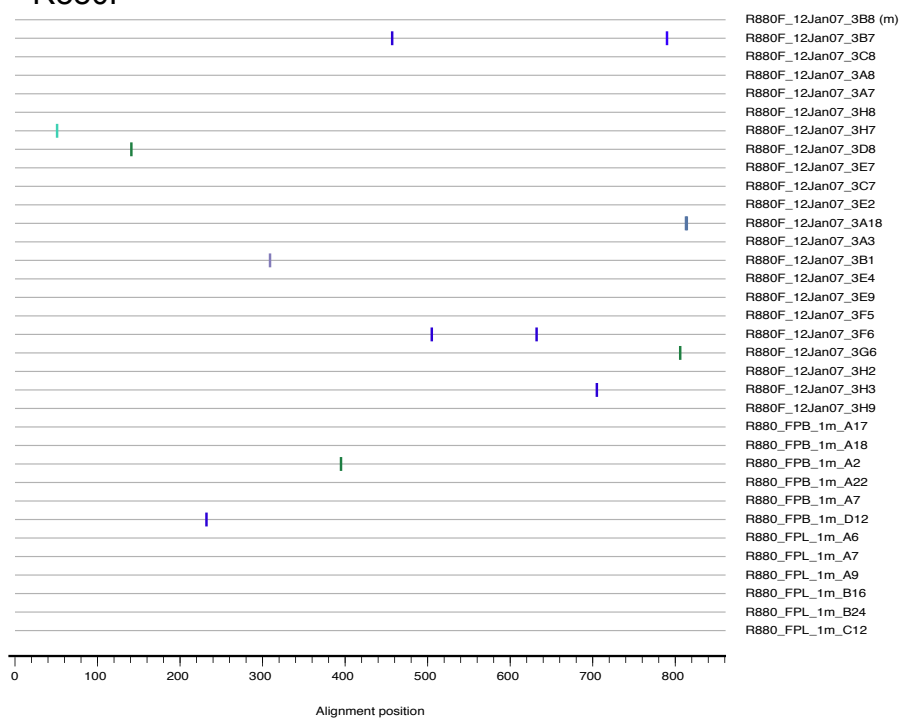
**R774F**

Mismatches compared to master

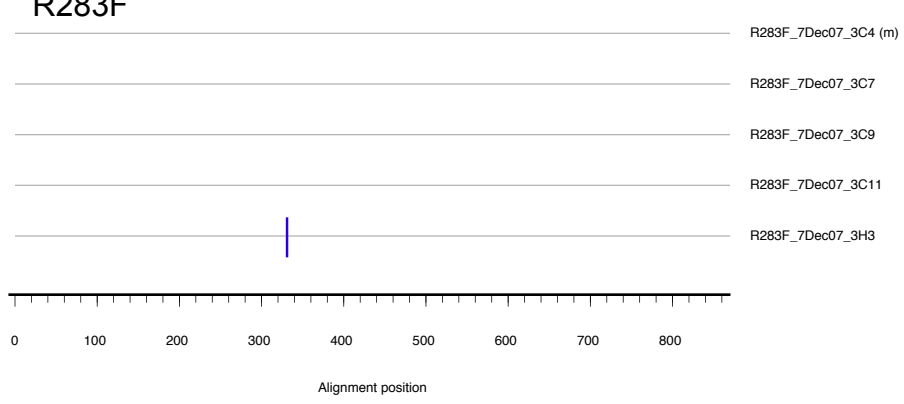


C**R880F**

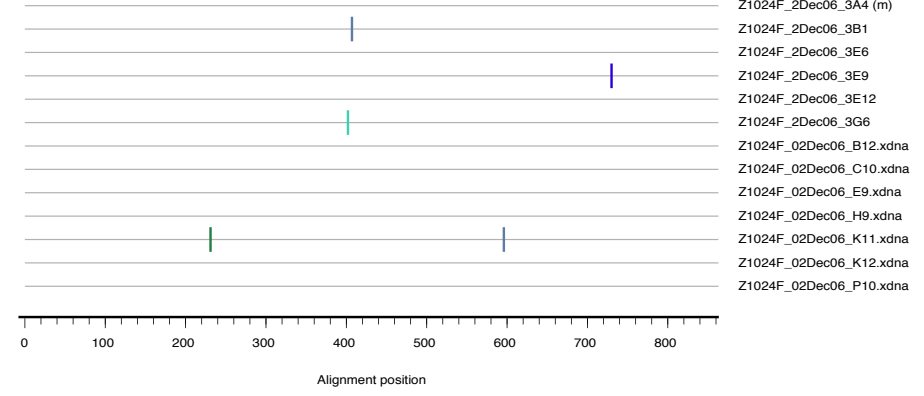
Mismatches compared to master

**R283F**

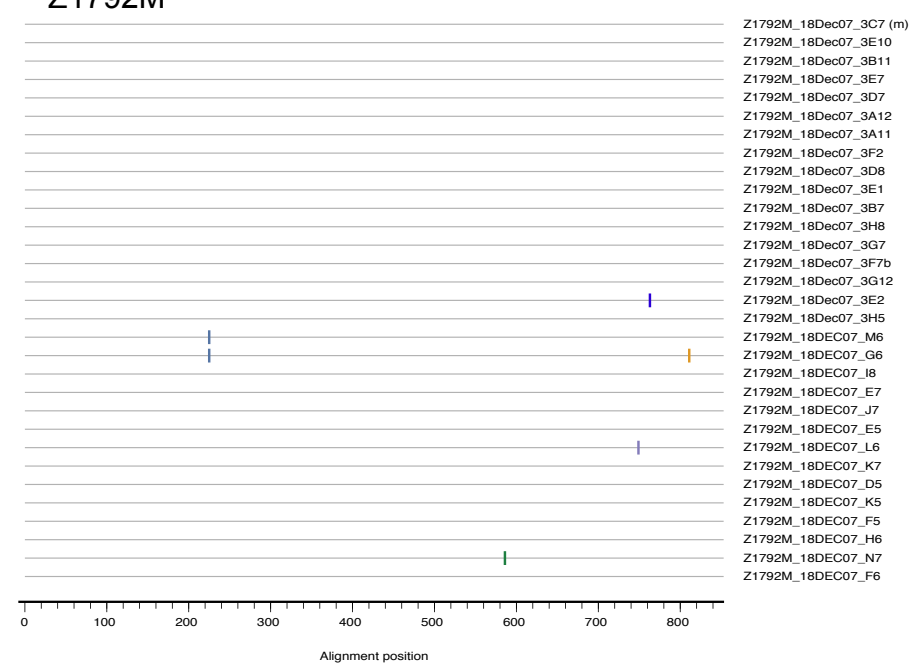
Mismatches compared to master

**Z1024F**

Mismatches compared to master

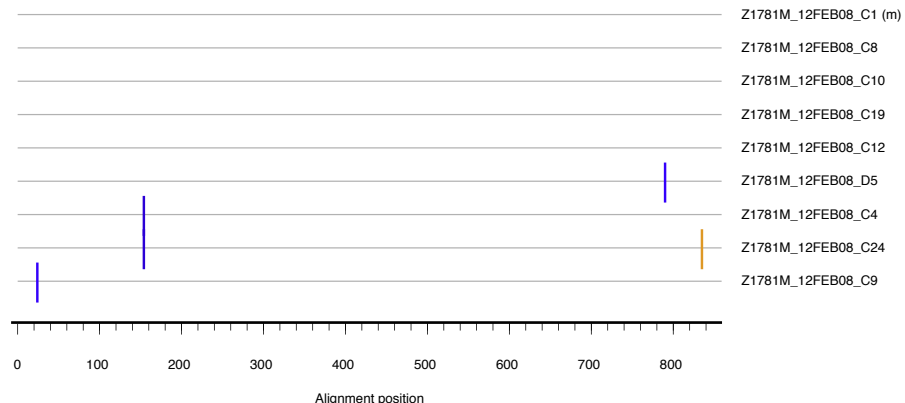
**Z1792M**

Mismatches compared to master

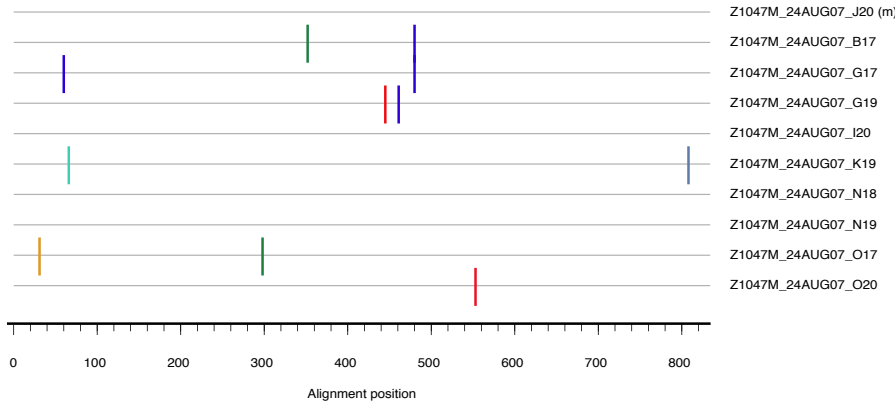


D**Z1781M**

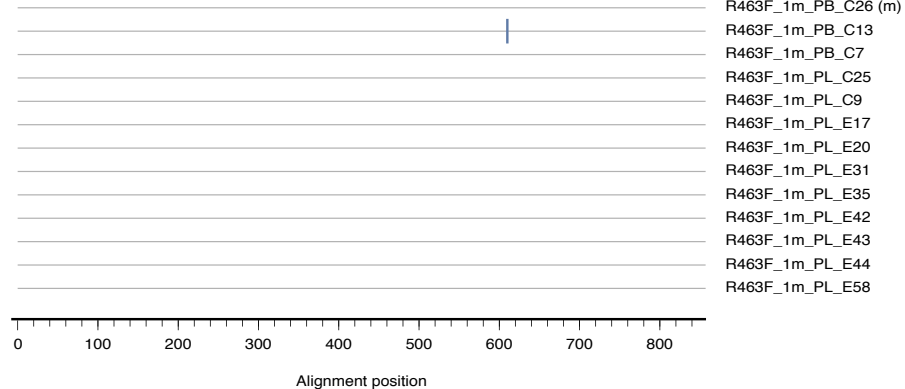
Mismatches compared to master

**Z1047M**

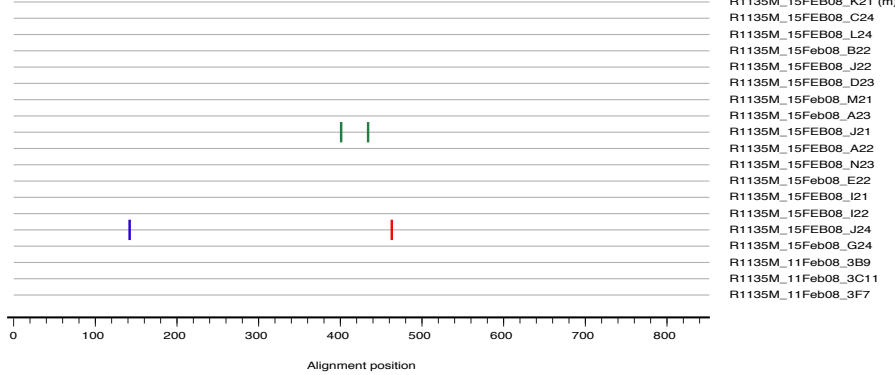
Mismatches compared to master

**R463F**

Mismatches compared to master

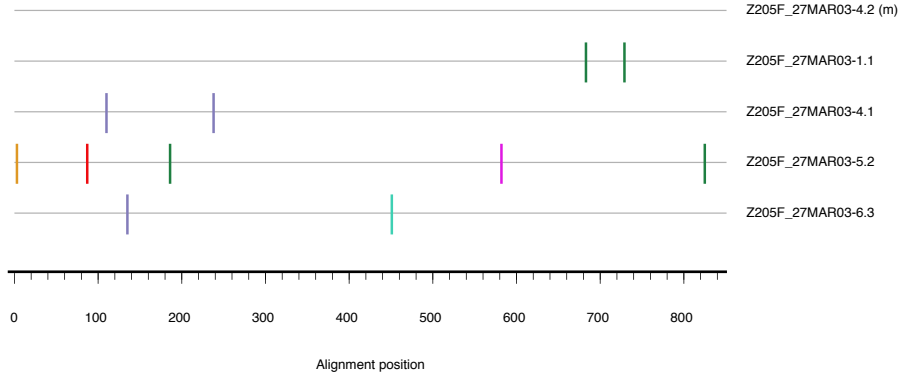
**R1135M**

Mismatches compared to master

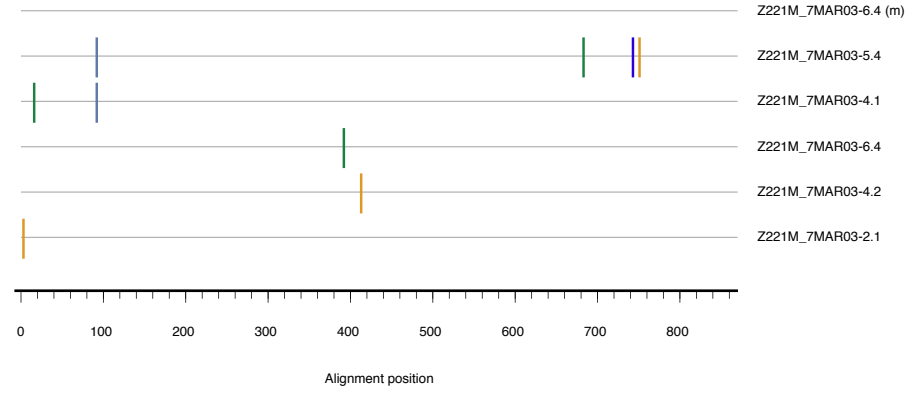


E**Z205F**

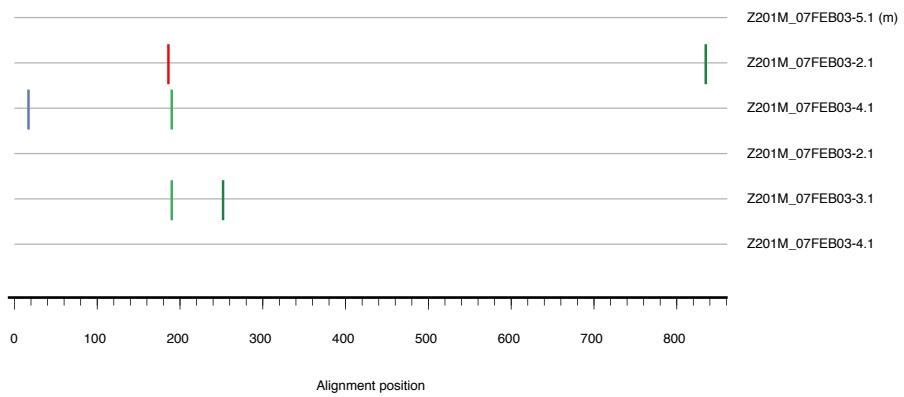
Mismatches compared to master

**Z221M**

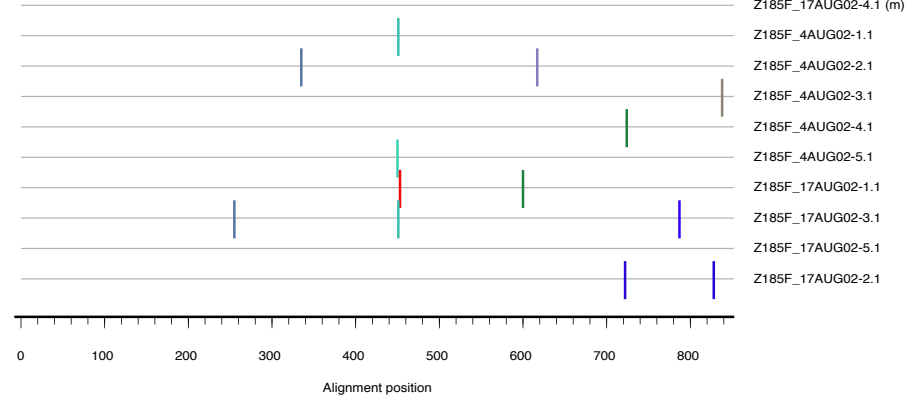
Mismatches compared to master

**Z201M**

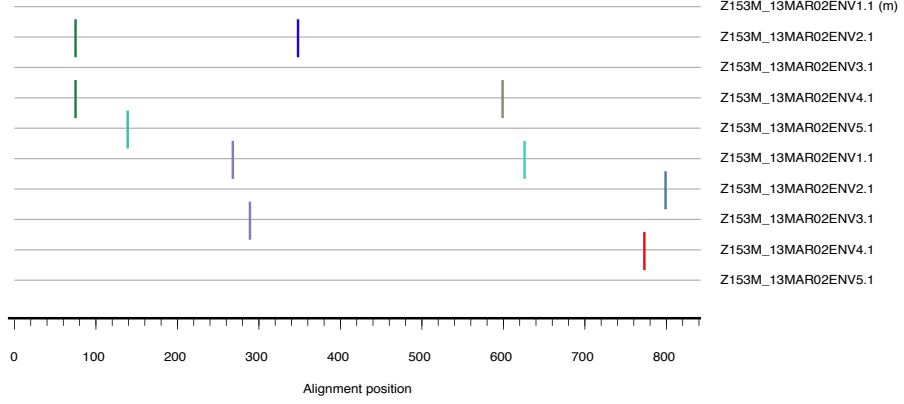
Mismatches compared to master

**Z185F**

Mismatches compared to master

**Z153M**

Mismatches compared to master

**Legend**

- Ala(A) Cys(C) Asp(D) Glu(E) Phe(F) Gly(G) His(H) Ile(I) Lys(K) Leu(L)
- Met(M) Asn(N) Pro(P) Gln(Q) Arg(R) Ser(S) Thr(T) Val(V) Trp(W) Tyr(Y)
- Gap Other