

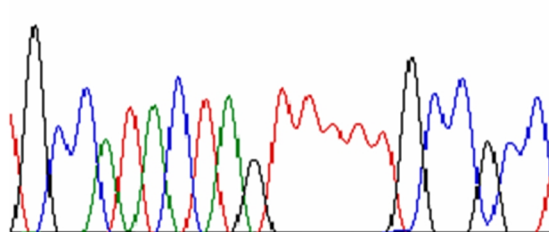
**Figure S5 – 10664T results STS, NextGENe**

WGS02 100bp chemistry

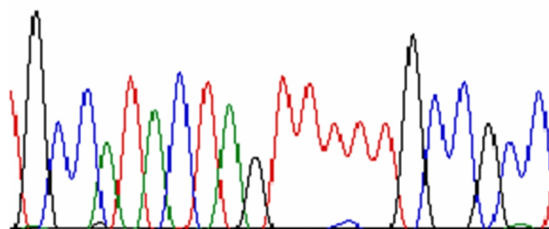
NextGENe CV 161 (67%T, 23%C)

```
TATTGCCATACTAGTCTTTGCCCGCCTGC  
TATTGCCATACTAGTTTTGCCCGCCTGC  
TATTGCCATACTAGTTTTGCCCGCCTGC  
TATTGCCATACTAGTTTTGCCCGCCTGC
```

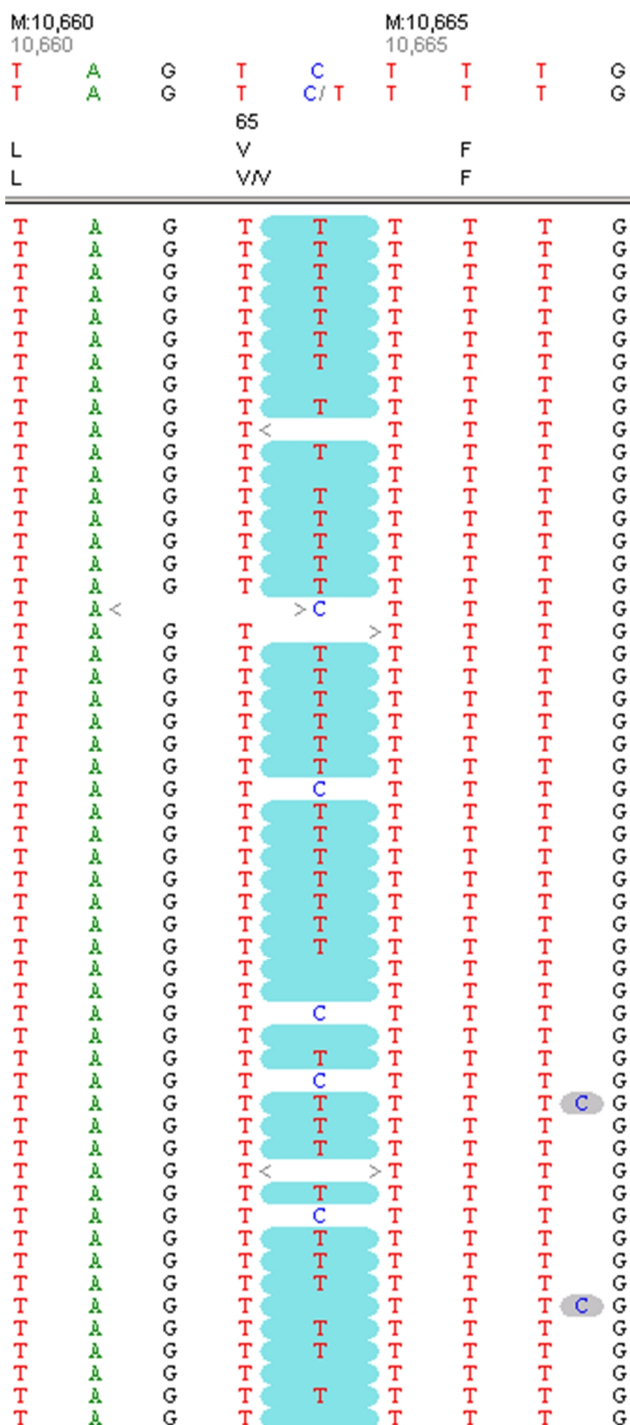
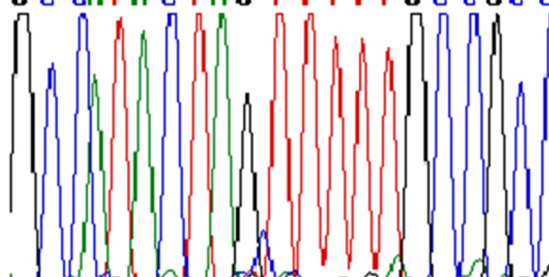
```
10650 10660 10670  
TATTGCCATACTAGTTTTGCCCGCCTGC  
.....  
|-----|  
F10127_08 Fragment base #10,664. Base 407 of 412  
G C C A T A C T A G T T T T T G C C G C C  
G C C A T A C T A G T T T T T G C C G C C
```



```
28F_08 Fragment base #10,664. Base 427 of 432  
G C C A T A C T A G T T T T T G C C G C C  
G C C A T A C T A G T T T T T G C C G C C
```



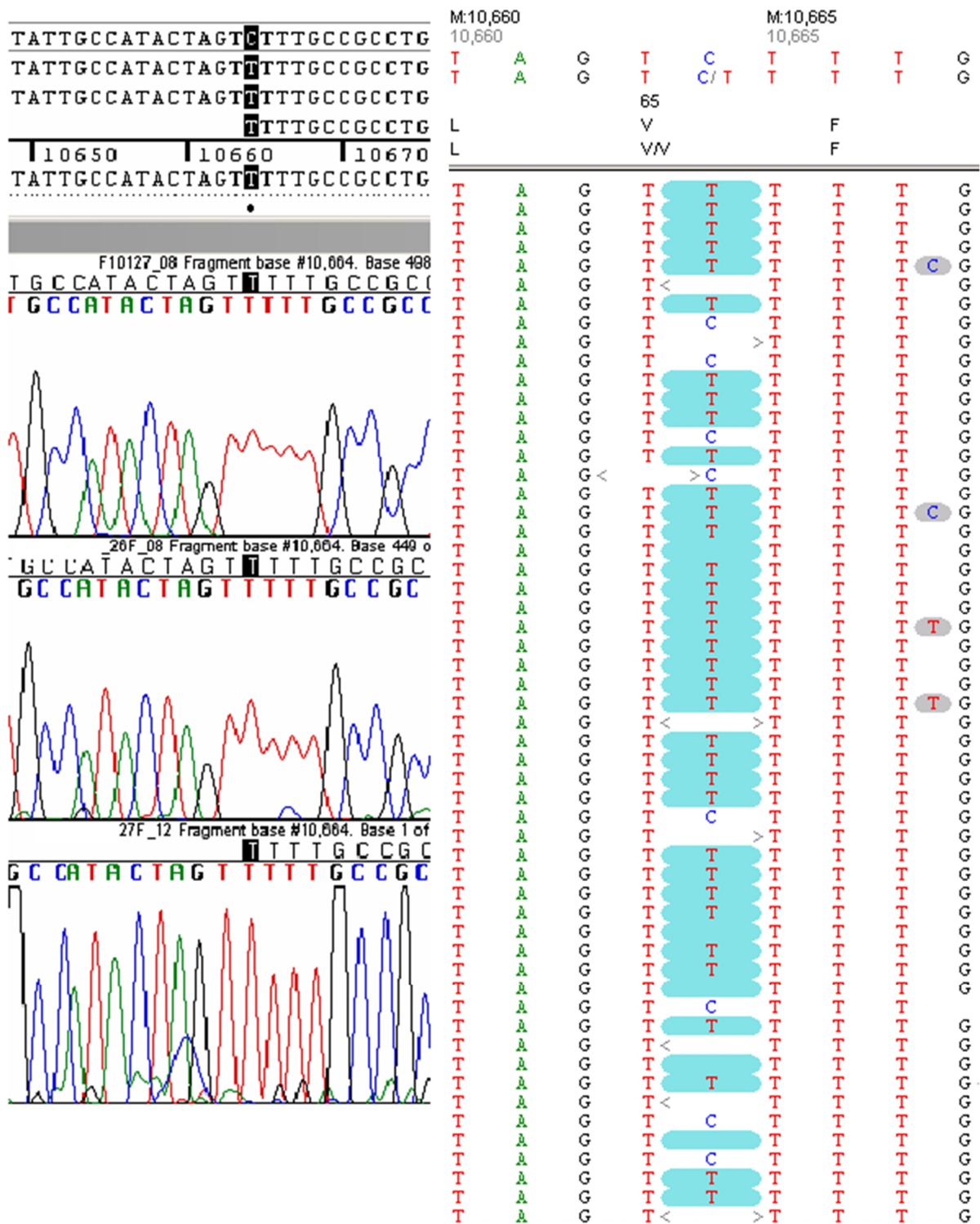
```
27F_12 Fragment base #10,664. Base 20 of 21  
G C C A T A C T A G T T T T T G C C G C C  
G C C A T A C T A G T T T T T G C C G C C
```





WGS05 100bp chemistry

NextGENe CV 224 (57%T, 33%C, DEL:10%)



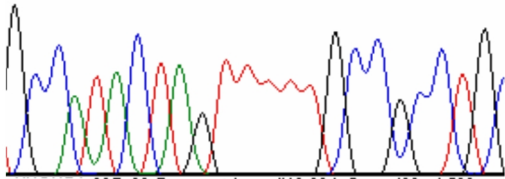
WGS04 100bp chemistry

NextGENe CV 324 (64%T, 28%C, DEL:8%)

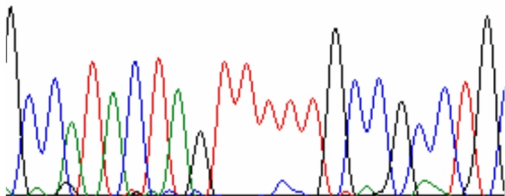
```

ATTGCCATACTAGTCTTTGCCGCCTGCGAA
ATTGCCATACTAGTCTTTGCCGCCTGCGAA
ATTGCCATACTAGTCTTTGCCGCCTGCGAA
| 10650      | 10660      | 10670
ATTGCCATACTAGTCTTTGCCGCCTGCGAA
    
```

\_F10127\_08 Fragment base #10,664. Base 448 of 580  
 GCCATACTAGTCTTTGCCGCCTGCGAA  
 GCCATACTAGTCTTTGCCGCCTGCGAA



\_26F\_08 Fragment base #10,664. Base 430 of 599  
 GCCATACTAGTCTTTGCCGCCTGCGAA  
 GCCATACTAGTCTTTGCCGCCTGCGAA



```

M:10,660      M:10,665
10,660      10,665
T A G T C T T T G
T A G T C/T T T T G
          65
L V F
L VW F
    
```

