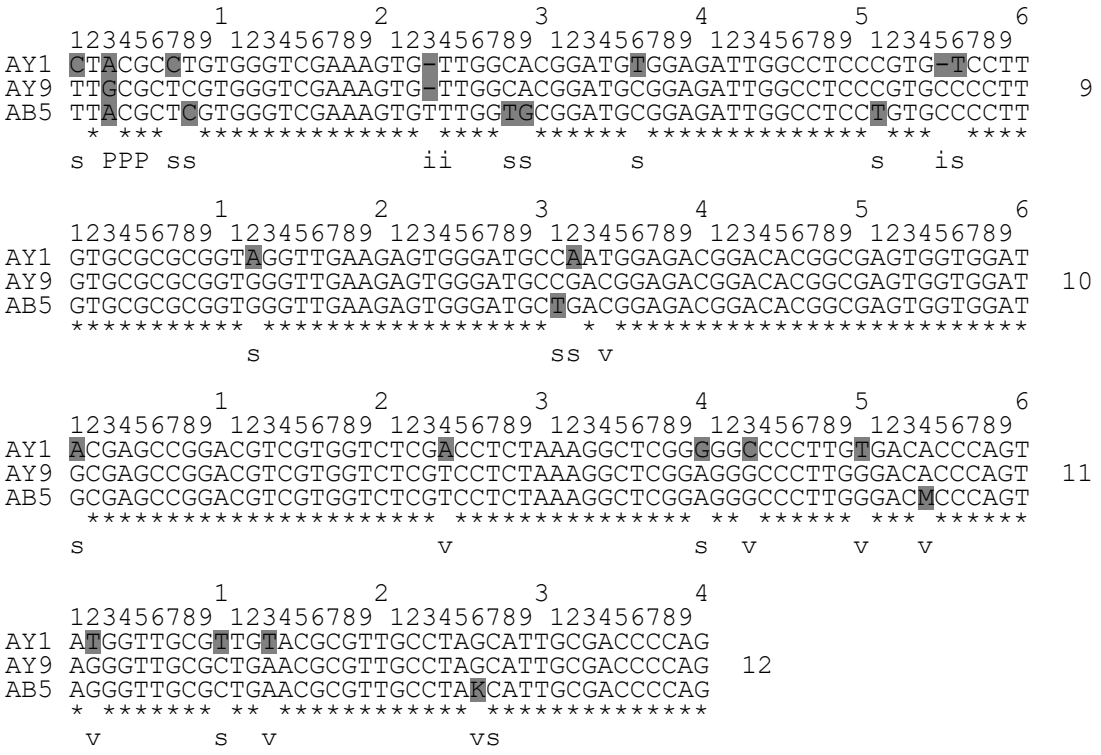
```
AY192541.1 - Trillium tschonoskii
AY974173.1 - Trillium camschatcense
AB560838.1 - Trillium apetalon
                        1         2
                   123456789 123456789 12
AY192541.1         AAGGATCATTGTCGAGATAGTA
AY974173.1         AAGGATCATTGTCGAGATACGA
AB560838.1         AAGAATCATTGTCGAGATACGA
                   *** ***************  *
                      s               vv

              1         2         3         4         5         6
    123456789 123456789 123456789 123456789 123456789 123456789
AY1 AATGTGGTCGGAAGATTGTGAACTCGTGAACG-AATGAT-GATTATGGTGGAGGGTTCGT
AY9 AATGTGGTCGGAAGACTGTGAACTCGTGAACGAAATAATCGATTTTGGTGGAGGGTTCGT   2
AB5 AATGTGGTCGGAAGACTGTGAACTYKTGAACG-AATAATCGATTTTGGTGGAGGGTTCGT
    *************** ********  ****** *** ** **** ***************
                     s        vv      ii  s  i    v

              1         2         3         4         5         6
    123456789 123456789 123456789 123456789 123456789 123456789
AY1 CCCGAAGCCAA-GCCCCCTACAACCCTTGAGTCGAAAGGGAGCCATAGGCGTGGCACGACG
AY9 CCCGAAGCCAATGCCTCTGC--CCCTTGAGTCGAAAGCGGGCCATAGGCGTGGCGCGACG   3
AB5 CCCGAAGCCAATGCCTCTGC--CCCTTGAGTCGAAAGTGGGTCATAGGCGTGGCGCGATG
    *********** *** ** *  *************** * * ************ *** *
              i   s  s iiii             PPP s v            s   v

              1         2         3         4         5         6
    123456789 123456789 123456789 123456789 123456789 123456789
AY1 CATGTGTGGGT--GGGGCGCTAACAAAACTCGGCGCAACAAGCGTCAAGGAACGAGTATG
AY9 CAAGTATGGGTAAGGGGCGCTAACAAAACCCGGCGCAGCACGCGTCAAGGAACGAGTACG  4
AB5 TAAGTATGGGTAAGGGGCGCTAACAAAACCCGGCGCAGCACGCGTCAAGGAACGAGTACG
     * ** *****  ***************** ******* ** ***************** *
    s v  s     ii                 s       s  v                  s

              1         2         3         4         5         6
    123456789 123456789 123456789 123456789 123456789 123456789
AY1 TGAATGTGACCCATTGTCATTAGCCGATGTAGTGGTCTTATGTTTCGCAGAGTAAT TTT
AY9 TGAACGCGGCCCACTGTCATTGGCTGATGCAGTGGTCCTATGTTTCTCAGAGTAAT TTT  5
AB5 TGAATGCGGCCCACTGTCATTGGCTGATGCAGTGGTCCTATGTTTCTCAAAGTAAT TTT
    **** * * **** ******* ** **** ******* ******** ** ******_***
        s s s    s       s  s    s       s        v  s

              1         2         3         4         5         6
    123456789 123456789 123456789 123456789 123456789 123456789
AY1 TGACTCTCGGCAACGGATATCTTGGATCCCGTATCGATGAAGAACGTAGCGAAATGCGAT
AY9 TGACTCTCGGCAACGGATATCTTGGCTCCCGTATCGATGAAGAACGTAGCGAAATGCGAT  6
AB5 TGACTCTCGGCAAYKKATATCTTGKCTCCCGTATCGATGAAGAACGTAGCGAAATGCGAT
    *************  ********  **********************************
                  vvv        vv

              1         2         3         4         5         6
    123456789 123456789 123456789 123456789 123456789 123456789
AY1 ACTTGATGTGAATTGCAGAATCCCGTGAATCATCGAGTCTTTGAACGCAAGTTGCGCCCG
AY9 ACTTGATGTGAATTGCAGAATCCCGTGAATCATCGAGTTTTTGAACGCAAGTTGCGCCCG  7
AB5 ACTTGATGCGAATTGCAGACTCCCGTGAATCATCGAGTTTTTGAACGCAAGTTGTGCCCG
    ******** ********** ****************** *************** *****
             s          v                  s               s

              1         2         3         4         5         6
    123456789 123456789 123456789 123456789 123456789 123456789 1
AY1 ATGTCATTCGGCAAAGGGCACGCCTGCCTGGGCGTCACGT CTTGCGTCGCTCGGTGCCAA
AY9 ATGCCATTCGGCTGAGGGCACGCCTGCTTGGGCGTCACGC CTTGCGTCGCTCGGTGCCAA  8
AB5 ATGCCATTCGACTGATGGCACGCCTGCTTGGGCGTCACGC CTTGCGTCGCTCAGTGCCAA
    *** ****** *  * *********** *********** _************ *******
       s      s vs v           s           s              s
```



Genome Segments			
	Spacer 1:R1-R6		
	AY1	AY9	AB5
AY1	~	4	9
AY9	29	~	8
AB5	28	2	~
Total	29	4	10
	5.8 Gene: R6-R8		
	AY1	AY9	AB5
AY1	~	0	9
AY9	7	~	9
AB5	7	0	~
Total:	7	0	9
	Spacer 2:R8-R12		
	AY1	AY9	AB5
AY1	~	1	6
AY9	16	~	6
AB5	17	2	~
Total:	17	2	9