```
              Box A
            RGYNNRRYGG
            ||||||||||
FLAM_A -GCCGGGCGCGGTGGCGCGCGCCTGTAGTC
FLAM_C RGCCGGGCGCGGTGGCTCACGCCTGTAATC
AluJo  GGCCGGGCGCGGTGGCTCACGCCTGTAATC
AluJb  GGCCGGGCGCGGTGGCTCACGCCTGTAATC
AluSx  GGCCGGGCGCGGTGGCTCACGCCTGTAATC
AluSq  GGCCGGGCGCGGTGGCTCACGCCTGTAATC
AluSg  GGCCGGGCGCGGTGGCTCACGCCTGTAATC
AluSp  GGCCGGGCGCGGTGGCTCACGCCTGTAATC
AluSc  GGCCGGGCGCGGTGGCTCACGCCTGTAATC
AluSg1 RGCCGGGCGCGGTGGCTCACGCCTGTAATC
AluY   GGCCGGGCGCGGTGGCTCACGCCTGTAATC
       1         10        20        30
```

S=0

```
            Box B
          GWTCRANNCC
          ||||||||||
CCCAGGAGTTCGAGACCAGCCTGGGCAACATAGCGAGACCCCGTCT
CCCAGGAGTTCGAGACCAGCCTGGGCAACATAGCGAGACCCCGTCT
CCCAGGAGTTCGAGACCAGCCTGGGCAACATAGCGAGACCCCGTCT
CCCAGGAGTTCGAGACCAGCCTGGGCAACATGGTGAAACCCCGTCT
GTCAGGAGTTCGAGACCAGCCTGGCCAACATGGTGAAACCCCGTCT
GTCAGGAGTTCGAGACCAGCCTGGCCAACATGGTGAAACCCCGTCT
GTCAGGAGTTCGAGACCAGCCTGGCCAACATGGTGAAACCCCGTCT
GTCGGGAGTTCGAGACCAGCCTGACCAACATGGAGAAACCCCGTCT
GTCAAGAGATCGAGACCATCCTGGCCAACATGGTGAAACCCCGTCT
GTCAGGAGTTCGAGACCAGCCTGGCCAAGATGGTGAAACCCCGTCT
GTCAGGAGATCGAGACCATCCTGGCTAACACGGTGAAACCCCGTCT
70        80        90        100       110
```

S=3 S=8 S=14

```
            Box A'
          RGYNNRRYGG
          ||||||||||
TTAGCCGGGCGTGGTGGCGCGCGCCTGTAGT AluJo
TTAGCCGGGCGTGGTGGCGCGCGCCTGTAGT AluJb
TTAGCCGGGCGTGGTGGCGCGCGCCTGTAAT AluSx
TTAGCCGGGCGTGGTGGCGGGCGCCTGTAAT AluSq
TTAGCCGGGCGTGGTGGCGCGCGCCTGTAAT AluSg
TTAGCCGGGCGTGGTGGCGCATGCCTGTAAT AluSp
TTAGCTGGGCGTGGTGGCGCGCGCCTGTAGT AluSc
TTAGCCGGGCGTGGTGGCGCGGGCCTGTAAT AluSg1
TTAGCCGGGCGTGGTGGCGGGCGCCTGTAGT AluY
     140       150       160
```

S=0