A

```
                                                ZF
hVE -929   GAATCTTGGCCCCTCCCTTCCCCCCAGCCTCTTGGTTCTTCTGGGCTCTG  -880
           ||||||||.|    |.|.||.||||||||||||||.||...||.|.|||
mVE -819   GAATCTTGAC----CTCATCTCCCCAGCCTCTTGGTCCTGAGGGACCCTG  -774

hVE -879   ATCCAGCCT-CAGCGTCACTGTCTTCCACGCCCCTCTTTGATTCTCGTTT  -831
           .||.| ||| |.||.|..|||||||||...||.|.||||      .|.|||
mVE -773   GTCTA-CCTACTGCTTTGCTGTCTTCTTAGCTCTTCTT------ACTTTT  -731

hVE -830   ATG-----TCAAAAGCCTTGTGAGGATGAGGCTGTGATTATCCCCATTTT  -786
           .||     |||.|  |||       ||  |||      ||||.||||||.|
mVE -730   TTGCTGACTCAGA--CCT-------AT--GGC------TATCTCCATTAT  -698

hVE -785   ACAGATGAGGAAACTG-----TGGCTCCAGGATGACACAACTGGCCAGAG  -741
           ||||||||||||.||||     |||.|||            ||||   ..|
mVE -697   ACAGATGAGGAGACTGAGGCATGGATCC------------CTGG---TTG  -663
```

B

```
                          EBS1        EBS2            EBS3
hVE -161   CCCAGCCCTCACAAAGGAACAATAACAGGAAACCATCCCAGGGGGAAGTG  -112
                  |||||||||||||||||||||||||||||||||..|||||||||
mVE -129   -------CTCACAAAGGAACAATAACAGGAAACCATCCCGAGGGGAAGTG   -87

                         EBS4                            ZF
hVE -111   GGCCAGGGCCAGCTGGAAAACCTGAAGGGGAGGCAGCCAGGCCTCCCTCG   -62
           ||||||||||||.||||||||||                  |||||||||
mVE  -86   GGCCAGGGCCAGTTGGAAAACCT-----------------GCCTCCCTC-   -55

                   Sp1        ZF
hVE  -61   CCAG-CGGGGTGTGGCTCCCCTC-CAAAGACGGTCGGCTGACAGGC--TC   -16
           |||| |.|||||||||||||||| |     |..||  |||  ||||  ||
mVE  -54   CCAGCCTGGGTGTGGCTCCCCTCTC-----CCCTC--CTG--AGGCAATC   -14

                          +1
hVE  -15   CACAGAG--CTCCACTCACGCTCAGCCCTGGACGAACAGGCAGTCCAACG   +33
           .||.|.|  |||||| .|.||||.||||||||||..|| .|||||     |
mVE  -13   AACTGTGCTCTCCAC-AAAGCTCGGCCCTGGACAGAC-TGCAGT-----G   +30
                        +1

hVE  +34   GAACAGAAACATCCCTCAGCCCACAGGCACGGTGAGTGGGGGCTCCCACA   +83
           |       |.|.||.||.||.|||.|.||.|||.||| |.|.|||||||.|
mVE  +31   G-------AGAGCCTTCTGCTCACGGACAAGGTAAGT-GAGACTCCCAAA   +72
```

Prandini et al. Fig. 3