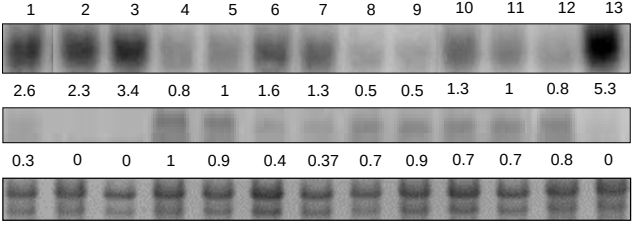
**A**

```
                                19                                                  64
P1    MTRLEVLIRPTEQTVAKAIAAGYTHALTWVWHSQTWDVDAVSDPVLSADFNPEKVGWVSVSFACTRCTAHYYTSEQVKF
Tz8   .............A...I.V....................N....R................I.Q.......C.....
BF1   ...........Q......T.......................I.......TR..........................C
CI63  ...........Q......T......................N.........T.........................C
Mg1   ..........L...E..I.......T...I..P.I...NG.S..T.A......R.........I........C.....
Tz3   .............A...N.V..................S.R..S.R................I.Q...........Y

                 88      95
P1    FTNIPPVHYDVVCADCERSVQQDDEIDREHDERNAEISACNARALSEGRPASLVYLSRDACDIPEHSGTCRFDKYLNF -
Tz8   ........I.......I.....L........Q.....................................R...V......
BF1   .V......I.......I.....................................................................
CI63  .V......I.......I........Q.....N.......................................................
Mg1   .....S..I.......I.....................................................A.S..........
Tz3   ........F.......I.....L........Q.....................................R...V......
```

**B**