## Comparative motility data on WG lines

The accompanying table summarizes details of a survey of lines 1-31 for presence and vigor of motility. Column headings give time elapsed between timeof reading and time of inoculation, plus type and quantity of culture. Those not designated metag were pennassay broth cultures at 37 °C. Those designated metag were swarm tests on petris filled with Edward's motag. All constitute independent subcultures from refrigerator stock salants, with the exception of the two columns headed by an arrow andthe word "then". The second column here was a direct subculture from the immediately preceding one.

Broth cultures were examined microscopically as follows: A small drop, ca. 0.05 cc, was hung on a cover-slip over a depression slide and scanned quickly under high power. If no motility cald be observed, observation was more prolonged. If motility was observed, percent of cells moving was estimated. Erownian movement was usually easily distinguishable form true motility. Since vigor of motion varies, it is possible that the figures given are more appropriately estimates of vigor, rather than estimates of percent motile cells.

Information on motility involving no quantitative or pseudo-quantitative data is noted to the right.

```
Subsequently motilized repeatedly; mic % in moth
WG
              10 30 80 10
                                           Repeated subsequent attempts on motog shooth (37° 430°) failed.
              0 0
                                           Subsequently mortilizes for AS + testo there of.
              0 100 100 SO
                     100 80 ++ +++
       7
                 100
              5 75
                        60
       9
              0 0
       10
              0 0
       11
               00
       12
              + 100
                             +
       13
              75 100
                        90
                           ++
       14
              15 100
                        80
      15
              10 80
                        So
      16
              5 100
                        Sσ
      17
                        0
      18
               0 0
                        0
       19
              0 100
                        100
      U
               0 80
                        0
       21
              10 80
                        20
      22
                        0
              50 0
              90 SU
                        20
      23
                                         at least one subsequent swam on metay
      24
                        60
                 100
      r
                 1
                        5
                                          at least me subsequed swam on moting
      26
                        30
                 So
                 0
      27
                 10
      28
                 80
      29
                 So
      30
      31
                 0
```