supplementary Table 1a. All the transcription binding sites and factors in the HPV-18 LCR.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Isolates | 7485 | 7495 | 7525 | 7535 | 7545 | 7565 | 7575 | 7585 | 7595 | 7615 | 7625 | 7645 | 7685 | 7695 | 7705 | 7715 | 7725 | 7735 | 7755 | 7765 | 7795 | 7805 | 7815 | 7825 | 7835 | 7845 | 7855 | 7865 | 7885 | 7895 | 7905 | 7915 | 7925 | 7935 |
| Ref | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 5 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |
| STi7 | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |
| STi26 | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |
| STi33 | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |
| STi38 | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |
| STi55 | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |
| STi101 | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |
| STi119 | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |
| STi94 | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |
| TP3272 | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |
| TP4244 | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |
| TP4936 | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |
| TP4986 | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |
| TP5304 | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 13 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 6 | 7 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 | 12 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 | 6 | 8 | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 9 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 11 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 7 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 10 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 7 |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 | 3 | 4 | 7 | |

The changes in the transcription binding sites of understudied HPV-18 isolates compared with the reference sequence NC\_001357.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0= [NF-1](http://alggen.lsi.upc.es/cgi-bin/promo_v3/promo/promo.cgi?dirDB=TF_8.3&idCon=157683706900&getFile=factors/0.html) | 1= [C/EBP](http://alggen.lsi.upc.es/cgi-bin/promo_v3/promo/promo.cgi?dirDB=TF_8.3&idCon=157683706900&getFile=factors/8.html) α | 2= c-Fos | 3= TFIID | 4= TBP | 5= RXR α | 6= AP-1 | | 7= HMG I(Y) | | 8= c-Jun | 9= POU2F1 | 10= E2F-1 | 11= TEF-1 |
| 12= MBF1 | 13=E2F |  |  |  |  |  |  | |  | |  |  |  |

supplementary Table 1b. All the transcription binding sites and factors in the HPV-16 LCR.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 7366 | 7376 | 7396 | 7426 | 7436 | 7456 | 7466 | 7486 | 7506 | 7546 | 7556 | 7576 | 7586 | 7596 | 7616 | 7646 | 7656 | 7666 | 7676 | 7686 | 7706 | 7726 | 7736 | 7766 | 7776 | 7806 | 7816 | 7826 | 7836 | 7846 | 7856 |
| NC\_001526 | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | |
| STi13 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| STi20 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| STi21 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| STi26 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| STi27 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| STi28 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| STi38 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| STi62 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| STi65 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| STi101 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| STi106 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| STi110 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP86 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP128 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP130 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP228 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP542 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP2067 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP2198 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP2219 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP2249 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP2325 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP2790 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP3144 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP3376 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP3700 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP3888 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP3992 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP4088 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP4450 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP4494 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP4822 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP4904 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP4938 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP5124 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP5210 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP5246 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |
| TP5304 | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 | 2 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 3 |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 5 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 4 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 | 4 |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 6 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 2 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 3 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | | 0 |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |

The changes in the transcription binding sites of understudied HPV-16 isolates compared with the reference NC\_001526.4.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0= [YY1](http://alggen.lsi.upc.es/cgi-bin/promo_v3/promo/promo.cgi?dirDB=TF_8.3&idCon=157683706900&getFile=factors/0.html) | 1= TFIID | 2= ROX1 | 3= POU2F2 (Oct-2.1) | 4= NF-1 | 5= E2F | 6= AP-1 | 7= POU2F1 |