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                 11109     11119     11128     11138                                   11160
                   |         |         |         |      begin HSs Talbot                 |      HindIII begin HS2 pos ind
11100:  GCTGAATGATTACTATACTTTTT-ACAAGCTCAGCTCCCTCTA---TCCCT-TCCAGCAT----CCTCATCTCTGATTAAA-TAAGCTTCAGTTTT-TCC   human
10178:  ---------.C.G...........T....A.C..AGCT...G..---.T.TC-..T...C.TCTT...............C.-......C...G..C...   galago
11379:  CA.....A....A...G....CC-...T..C...T...T...G---....CA....ATC.------...G.-..TG..G..T.-G.....CT.....-C.T   rabbit
 5402:  A...G---..G...C.C..GCC.-......C.G.GC.........---....C-..T.A.CA----T........CA......-......G..A...C-C.T   goat.lcr
11802:  C........C.GT..A....CC.-...CAT.A.CGAG.....GCAT.TTT.-......T.-----..-.....A.....T..G...A..CT.....-C.A   mouse

                 11198     11208     11216     11226     11236     11246                                 11276
                   |         |         |         |         |         |      HS   BalI    HS                 |
11189:  TTAGTTCCTGTTACATTTCTGTGT--GTCTCCATTAGTGACCTCCCATAGTCCAAGCATGAGCAGTTCTGGCCAGGCCCCTGTCGGGGTCAGTGCCCCAC   human
10265:  .....C.A.A..TA..G...AA.G----.C.....--..C.T........GT...C....GA..A....A-.TG....T.A.A.T.A....A.....TG.   galago
11468:  ...A.C.A.A..GG....T...C.AA..T....C.GC..T.T......A..........G...A..A.TA.TGAA....A..T.A......T..TTG.   rabbit
 5488:  ...A...A.AA.T.....T...C.AAAC.....C.GC..C.T........-----------...T.CA.C.GAGTCA.TAGA..T.A..G.A.....TG.   goat.lcr
11893:  C.TC...A.A..CTC.C...AGA.-----..A...T..CAG.A...CT.......GGCAGAGGAGGT.A..TG....-.A.G...A....A.T.T.T..   mouse

                 11295     11305     11315     11325     11335     11339
                   |  HS     |         |         |         |         |      AP1/NFE2  AP1/NFE2  r,go ap1/nfe2
11287:  -CCCCGCCTTCTGGTTCTGTGTAACCTTCTAAGCAAACCTTCTGGCTCAAGC------ACAGCAATGCTGAGTCATGATGAGTCATGCTGAGGC------   human
10358:  -...TAA..........A..G..C....G......A.-....TC.CT..------.............A.....C.......A........------   galago
11568:  T...TA.....G...A.A-------..GG..C.C.A.-....TC.C...------.G....G...........C.........T....T.ATGCTG   rabbit
 5577:  T...TAT...A.G....CT..G....AGGGA...GGG.-...C...C.C.TCCAAC.....C.......A.....C..........T....T.ATGCTG   goat.lcr
11988:  T....A..C.G...G.G...TC.G....G.G...C.G.A.-.A....TG...------......G...........C................------   mouse

                                                 11399                   11429     11439
                CACBP      E box                   |         gata      GATA        |         E box/ YY1
11374:  ----TTAGGGTGTGTGCCCAGATGTTCTCAGCCTAGAGTGATGACTCCTATCTGGGTCCCCAGCAGGATGCTTACAGGGCAGATGGCAAAAAAAAGGAGA   human
10444:  ----............G.........TCA..T..T...-....T..G..........T.............C....A.A.........G...-......   galago
11654:  TT--........G...G.........T.....CT.........AG..........G..........A........AA.........G....-......   rabbit
 5676:  AGGC...........G...........-....CT.CC..T...CT.....................G.........A.....TA.......--......   goat.lcr
12075:  ----............G.........T.....TGT.......C.G.G...........T.T..G....A.TCC......A..G..AA..G...-----T.   mouse

                                 11489     11499     11509                   11529
            E box/ USF             |         |         |      yy1(J)          |         XbaI end HS2 pos ind
11470:  AGCTGACCCACCTGACTAAAACTCCACCTCAAACGGCATCATAAAGAAAATGGATGCCTGAGACAGAATGTGACATATTCTAGAATATATTATTTCCTGAA   human
10539:  .....C.TG.....................CTGGC.A.T.A.T.G.GA.G.GA...A-...CT..G.AG.AC.A......C.......G.....T.....T   galago
11751:  ..T...T....AC.A.....CTT......GC.A.........-....G....C..AT..CT.........G.C..C...........A....TG-...   rabbit
 5774:  .ATAC..TG.....GT..A-.....CA.G..A......GG.G....GA..GATA.....G...........G...C..G......G..CCC.TT-...   goat.lcr
12167:  ..T.TG.TC....AG.....ATT..T.AC.C.A....T.C..T.....G..GAC....CCTTGCTG.........AC.........T......T..   mouse
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