

human TCTGATGCTTCCCGCTAATGTTTAAAGAACTGTTGGCTTAGAACAATTATGTAAATTTAAAAT⁻⁷⁵⁶
 mouse -----CACCTGTGGAACGATAGAGT-----⁻⁸⁸²

human CAGGGACCTGGAAGCAACTT-----CTTTATTCAAACCGCTCTAGCCTTATA----⁻⁷⁰⁹
 mouse CCAGAGCCGGGTGGTAATTTGTTT-----TTTCAAAATGCTTCAAAGCTATCCTTT⁻⁸²³

human AGGATGATTTAAGGTAATGTCTACAATAT⁻⁶⁸⁰
 mouse AAGATGATTTAAGGTGGGTCCCAATAG⁻⁷⁹⁴

human CACTTATG-ACATAAAT-CAATGTGTTATAAAAATTACGTGTTAGT--GTCAGATTCCCTA⁻⁶²⁴
 mouse TATATATGTATGTAGGTATGACTTATTTTAGAGAGGTTTGAGACTTGGTCTCATTACATA⁻⁵⁵⁸

↓ **EcoRV**^b

human TAACTAGTTACAGAGGACGATTGTTGTGTAGA---GGATATCT---GACTAGAGTCAGTT⁻⁵⁷⁰
 mouse GTCCTAGCTGTCTTGA-ATTCACTATGTAGACAGGCTGTCCAGAACTCACATAGATT⁻⁵⁵⁸

CDX2^{##}

human TCC--CATCTGGGTTAAGAGTCCAGTCTTTACA-----ACTACTTG---CTAACA⁻⁵²⁵
 mouse CACTGCATCTGCCTCCTAAGTGTGTGATTAAAGGTGTACACCACCACTCAGGCTTTACA⁻⁴⁹⁸

CDX2, CDX1^{##} TCF7L2 (TCF4)^{##}

human ACATAAAAACCTCTTAAGAGTTCAAAGGAATG-CTAACAGGCAATCAGTTGCGTTTTTCATT⁻⁴⁶⁶
 mouse ATATAATTTATGTTGTGAGTTTGTCTAGTGGTCTCTGCCTTCCTAATACAGTTCC---⁻

CDX2^{##} TCF7L2 (TCF4)^{##}

human TTATTTTCTGTAAAGGT-AACATGAAATTTGCTGTT-TAACCACCTT--TGAATACAATT⁻⁴¹⁰
 mouse TCATGTTGTGGTAAATCACCACCTTAAAATTATTTTTGTTGCTACTTCATAACTGTAATT⁻⁴⁹⁸

human CAGTGGCATTGATTACTTTTACAATGTCGTGCCACCTCAACTACGTTTTTTCAAATCAGA⁻³⁵⁰
 mouse TTGCTACTGTTATGAATCATAATGTAATATCTGTGTCTTCTG-ATGGTCTTAGGCCACC⁻⁴³⁹

TCF7L2 (TCF4)^{##}

human AAAATGTTTTTCAACGATTATCTTTAATTTAATGTGCTCAG--AACGTCCATCGACAGC⁻²⁹²
 mouse TTTGAATCCCCAAAAGGGTTAACCACAGGTTGAGAACCCTGCAAACAGTGTTAGATTC⁻³⁷⁹

CDX2^{##} CDX2^{##}

human CT-CCATTTCTAAGTCTTGATGGTTG-ATCGAGCCGATCTGCAAC-----GAGGCGTTCTG⁻²³⁹
 mouse CTACCACATGATAGAAAGGAGTGTGTCATCTCCTTGGTTTCTCACTTCGGAAGCTATCCA⁻³¹⁹

CDX1^{##}

human TTCGGAGTCGGAGA-TCGCCTTGCGGT-----⁻²¹³
 mouse TTCAGTCTTTCAAACCTACGTTGCAATAATGCTGAAATCATTTTTTCTACTGTGGTTAAA-gap-⁻²⁵⁹

human **CAGCGGGGGTTAGGGGTCCCTGGGCGCTGTGCTGCC-TCGGCC--CAGAGCTGCGCCTG**⁻¹⁵⁶
 mouse **-AGCGGGGGCTTCCCTTATTTGAGTATTTTGGGGTCAATCAGCCTGT**CAG**TGGCAAGTCTG**⁻¹⁰⁹

human GCGGCTCGGCCGCGAGCC**CAGG**-GCGAA**CAGG**-----⁻¹²⁴
 mouse -CGGCTCCCCGGGTGGGTTCCGCC**CAGCCAG**aagctcaacgctgccctctgccgagca⁻⁵⁰

↓ **Pst I**^b

huma ACG**CAGTGCAGGG**ACGCG**CAGGGCCAGCGAGGGGAGCTGCAGGGTAAC**TTTCC**CAGGGA**⁻⁶⁴
 mouse CGGTGGTGC**CAGGGCCGCGCGGGGCCAGCGAGGGGAGCTGCAGGGCAGCTTTTC-CAGGGA**⁻²¹
 →NM_019987 (mouse)

SP1 FOXJ1, FOXA

human AAGCGCCGGTTCGTC**CAG**TAGAAGCCACC**CAGC**TTTTGTTTGTTCCTGCCGGAGG⁻⁴
 mouse AAGCGCTGGTTCGTC**CAG**ACTAGAAGCCACTCTGCCTTTTGTGTTTGTCTGCCGGAGG⁺⁸⁴

→NM_014920.3 (human)

human CTG**GAAAACGGCCGGGTTCTGCTG**CACTACCATGCGCCGTGCGGCCCGTGC**GACTCGCC**⁺⁵⁶
 mouse CCG**GAGCGGC-GGTTCTGCTGGA**-TGCCACGCGCTGACGGGTGTGGACTTGCCGGG⁺¹⁴²