

ETS SOXF FOX FOX:ETS RBPJ MEF2 SMAD4 SMAD1/5 TCF/LEF NR2F2 KLF

Apln+28 core

>CTTTTGCTTTTGCAGCTGCGGTGGAAGTGAGGAAAGCGGGAGGGCATCCTGAGGCGGGAAATGCCTATCGGTGTATCCACAGCTG **CTTCCG**
CTTCCG CCTTCAAGGATTCT **CAGCC** TCTCTGTATCCCTGCCAACCCCTCTCCCTCCCTGAGTTCTGGC **CAGCAG** CTGTGCATTCCCCCTT
TAGGGCCAC **TTTCA** GATCCTC **TGAGA** **GGCTGT** CAGTTCC **CATTGT** TCTCGGGCTTCTCCGGCATTCCTTA **GGCTC** ATAGGGGAAATGC
CAGAGGCTTGCCCCCACCTCCTCAGAGATGCTTGGCTACTAGTCACC

>AGGGCCGAG **CTTTGT** GGAGAGCACAGTTGATTGCCTCAGGAGGGGAGAGGG **GAGCCACACCC** AGGCTG **GGAG** GGAGGCAGGT **TTTCCA** ACTG
GCCCTGGCCCACTTCCCTCGGGATG **TTTCTGTTATTGT** TC **CTTTGTGAG** CT **GCCTGC** CAGATAGGCAAGCCCTACGGT **GGGCGG** CCTCAGC
TTGGT **CAGCC** TGGGCCCG **TGGAAG** CCTTGACCTGCCTGGGGTATTC

>TAAGCTGTCTACTCTTGT TATTTT TAAATATCCTTTAAAGCTTGGGGTGGGGGAACAAGCATCTGTGG CCGCCGAGAAATCTCTGTTTCC
TCTGGGCC AGGAAACAGGAAGTGTGTGTGTGGTGGTGATGGGAATCAGGCCCTGAGACAAATGGAACACCATTGAGAGGAAGGGGAACT
ACGTCAGGGCCTGGGGCTGCAGGAAGCCTG

>CACAGGC **TTGAGAG**ATGCAAAAGGGAAGAG **AGAAACA**AGCAGGCCCCAGTCTCT **CCGCC**TGGCAGACATGAGC **AGGAAAGGCTGGTGGGGCTG**
GG**ACAAAG**GGCGGACGTGCAGAGGGCCATGTGTGCCCTTATCAGGGCCTGCACTTGCTCCCCCTGGCCCAAG**AGGAAATGCTGCTCTACTTTGC**
CCGC**CTTCTCT**

GGAAAGCCTGTGTTTCAAGTCTGCACATGTTCAGAAGGGCTCCTGGCCCCCAGCCCTCAAACACCCCCACCGTGGAAGCCGCCAGGCTTTCCT
GTTTACTCGAGGCCCTCTCGGGTCTGGGAGGCGACAGCCTTGCCCTCCTCTGCTCCCACTTCCTTCTCTCCCACTTCAGTGCCCTCGGCC
CAGGCACTCAGGGGGCCCTGAGGCCAAGGCAT

>GCTAAGTTAT**FGTTTGCCTCCCA**ACGATCC**TGAGAG**CTATGGTTTT**CTTTGT**TCTACCAAAGGGAAA**AGGAAA**CATAT**CAGGAAG**CTGGGCCAG
TCCAC**AGGAAGTCTC**TA**CTTGGGCT**GATAAAAGGAACTGATGTGCAGTGGCTTGGGATGCAGTTATAAGTCAATCTGCCTTGAAATTACAAGAA
ATGCTGTT**CAGGAGAAAC**TGTAGCCTGAAGT**CAGCC**TTGCTCGGGTC**TTTCCT**TTACCT

Conserved to chicken
>GGGATTGCACCTTGGCCCCAGTCCCAGTTAAAGCTTCAACAGCTCTGTCTATAACAGGAAGAAATGGGCAGATGGTCACAAACAACAACAGCTC
TGCAATTCACGGCACCAAGGGTGGAGTTCCTCTGTTTCTCGCGTTGCCAACTTCAAGGTCTTACAAAGGATACGGGACATTGAAACCCGATGAA
CCTCCATCTGATGATCTCAGGCCCCATGCACATTTCTCTTAAGCATAGGATGCACAGATCTGACTAAATTCGTGATTAAAGAACTCCCTGG
AGACATCTCTTACAGCTCGTCTCCATACCCCTGAAAGGACGGGAGCCACTTGACCCCGTCCCATGTGTCTTTTATCATGCTGTGTACAGACA
CTTCTCTTGGTATCTGAGCTGAGCAAGCTGAGGCATGGGCTCTTAAGAGACAGACATTT

>AGCGGGTGAACGATTTTAAACTCATAAATCACTTCGCCCTGAAA**AAAAATATATTAT****TATTCT**TAGCATTTTACACAT**TATTTG**CAGAGTGAGG
 GGTATTAGAAAT**TTCAAAA****CAGCC**CAGCAAGAGGCAGGACTGAGTCGAGGT**GGCT**CTGAAAAC**T**TCGGGT**CGGAA**CAGATACCGAAG**TT**
TCCTTATCTACC**GGCT**CGAGATGTCCGGAT**AGGAAA****TCCGGCAGGAGAT**CCGAAAGGACA**TTTTTTTAA**AAAAATCACTCAAATG**AAAA**ACA
 CAGTATAGGTGACTCCA**TGGAAAAA**TATAAA

conserved to species

>CCCTCCTTCCCTTCAGCAAAATCCCTCCTAGTAACAGAAAGAAATGTTGACAGAAATGGCAGGAAACACGCAACAGACTGGCCAGGGAAGGATATGATGTACAGCAACCGCGAAACAATAAAAGGTGTAAAGGTGCTTCCCTCCCTAAACTGCTCCACAAGTGTAAAAATGGGAACAAAACCTCTCCACTTCTCTGAGTAGAGCAGGCTGAGTGTCTCGGCAGCAC

conserved to confer

>ATCCCAGTTAGCTTTCTCTGTTTATGCCATGGTTGGCTCAGGAGCTAAGCAAGGAACCTTATCTTCCTTGTCTCCACCATGTCCCAGC
CCACTGGTGAGACTCTCCAGGCGCTCTCTCTATCGGTTTCCACGGTGACCTGGGCAGACAGGAACCTTGACAGAGTTTCCGACAATTGTGC
AAAGGGAAGCAGGAAGCTGGTCAGCGCGGCTTGACTCCTCCC