

Figure 6 – figure supplement 3

ETS SOXF FOX FOX:ETS RBP3 MEF2 SMAD4 SMAD1/5 TCF/LEF NR2F2 KLF

Acvrl1+6 core

Conserved to opossum

TCATAGCTCATCTCTTGTCCCTCAGCCGTTTGCCCATCGCTCCAGCCTCCACCCCTGCCACCCGTCTCCCA GTGCCCCCACTCCACCCCCAGCCTGGCTGCTTCAAACATAAACAGGCTCTTGTCTTACTTCCTGCCATTCAGGGTCCCGCAGGCCGCAACAGGAATCAAATTGTTTAGATTGAGGCTGGATAGAACAGGCTGAAGTCACGCAAGCAGGAGCTCAGGGCAG

Cxcl12+269 core

Conserved to opossum

>ATCACAGGCCATTGTGTGCTGGGCGGCTGCAGGGCGCTGCTCCACACAGGGCTGTGCCACATCCCCACCTTCCTTGAATTCAAGGAGTAAGAGTCA CACCAGCTCCTGATTCACTCCCCAGTTATTTCCAGCTTCGTTTTTTGGCTCCCCCTATAGCAGTGTCTTCTCAGGAGCAAACCTCTGGTGCAATGAACT ACAGAAAGTCCACATGCTGTACAGGGGTGTTATCAAGAAACAATTGTAGAAAAAGACTCTGCAACTTTGC

Gja5-78

Conserved to chicken

>GGTCCAGGGTCCCCAAGTTCAATGGTCTTTTCTTTTGTGTGCTGTAGAAAGATTGCcgcctGAGCTACTTCCTTCCCTTCCCTTGGCATCTTTGCACTGTG CCCCAGAAACAATCATATCACATTCAGGAAGGCTGGGCAGCAATGGCAGGAAACAGGAATGTCCCCACGGATGTCTCCCCAGGGGAGACAGCCAG GGACTGGGA

Gja5-7 core

Conserved to opossum

>AGGGCATTTGTGCTCTGGAGCTGGCCAGCTTCGCCCTGCCCTGGCCCCAGCACCCCAACTTGTAAAGAAGGAATTGCCAGGTTATCTAAAAGGAAGCCAA ATTGTTTTCGGAAACAATAGCCAAGTAGCTACAAGTCATTAGTTTCCTCCCAAGGGCCTAAATCAAGCTTGCTGATAACTGAAAGGGCTGTTAGCA CTGTTTACTTAAAGACCTCTGGACAGAACCATAAATTAATTCCTGTG

Nrp1+78 core

Conserved to opossum

>GCGGCTCCTTCTCTTGTCTTGAAGCTTCCTGCAGACAACAGATCTCACAGGAAGTGCCAGTGTGGACGTTTCATATCCATGGCTAACGATGATTGTTGT TTTTTTTTTAAATGTTACTTGGTAATTTCTTACAGAAAACAATGGGAACCGAAGGCTGTTCCTGTCTTTAAGGAAAGCCAGTTTCCAATGTTGCTTTAT TAACTTAACACATGCAAGTATTGTTTCTAGTTGTTGCTACAGCAACGTGTTTGTGGGGCATATTTCATGCAAAATGGGATAAAGCTGAAAAACAAGAC AAATGTCATCT