



Phmamm.Msx-LED

Phmamm	ATTTCTGTAGCTGCCAACA---TGTTTACGGTGCTCTG-CTAACGTGCTGTGATTGTTTA
Phfumi	ATATCTACAACAGCCAACAGCACGTTTACGGTTTTTCATCCAACGTGCCGTGACCGTTCA
Phmamm	TGGCGC TTAATT GTGTGAAGAAAATACTAGTGTCCATAAAATACAAAAC AACTAC CCAAT
Phfumi	CGGCACTTTATTGTTTGAAGAAAATTGTGGCGTCTCTAA--TTTAAGAC AACTAC GCAAT
Phmamm	CAC TTTTAA G-GCAATATAATTTTCGCATGTGCGTTTGATCAGCTCGTTAATTTCAAATC
Phfumi	CAC TTTTAA GTGCAATAAAATCTTC GCTTGATCGTTTGATCGGCTCGTTAAGTTTCAATC
Phmamm	GC GGCGTC GACAAGAACATAAACTC GTCT GCTC GACGTCT GACGCGT GTCT GGCACCAC
Phfumi	GC GGCGTC GACGAGAATA-AAAACTT GTCT GCTG GACGTCT GACGCGT GTCT GGCACAAC
Phmamm	CCTGCTTACAGAA GTCT AC GTCT TGTTTCTTTATTCCATAAATACCTGGCCCCCAAAAA
Phfumi	CCTGATTACCAA GTCTGTCT CTTGTTTGCTTTACTTT-TCGCTAACTGAAAAACCAACA
Phmamm	ATGTTGAAACAACTTTTTTGTGA-----ATATAAAATAGAAATAACCAAAC
Phfumi	ATATTCAAAGAATACATTTGTGCAATTAGATTAAAAAACATACCCAAAC

Putative ventral regulators:

- AGAC** Smad Binding Element (AGAC)
- Bmp Responsive Element (GRCGNC)**
- Nkxtun1**
- Nkx2-3/5/6**

Putative dorsal regulator:

- Msx**