



exon 7

zebrafish_ASMTL	GGAATATGTGCGAGGAGATTTTCTCAATGTAGTCGGCTTTCCTCTTAACCACTTCTGCAAGCAGTTGGGATCGATTTTCA	640
zebrafish_ASMT1	.....	0
zebrafish_ASMT2	.....	0
consensus	.....

homology to Maf

exon 7

zebrafish_ASMTL	ATAGTCCACCTGCAAGTCCTGCCCACAAAATCAAACGGGACTGCGATGAAGCTTGGACTCTTGTTAAACAAGACCACCAAT	720
zebrafish_ASMT1	.....	0
zebrafish_ASMT2	.....	0
consensus	.....

homology to Maf

exon 7

zebrafish_ASMTL	GGGGATGTTGAGCTACTAGAAAATGTTAAAGATGACAGTTTGACATCTGTGCAAGAACAGAAATGTAATG GGATTAGAGTT	800
zebrafish_ASMT1	.....	0
zebrafish_ASMT2	.....	13
consensus	.....

homology to Maf

exon 7

exon 8

zebrafish_ASMTL	TGCCAAGTGC ⁸¹⁰ AACAGACA ⁸²⁰ GGACGTC ⁸³⁰ CCCCACAG .. CATCATCAGC ⁸⁴⁰ TTGC ⁸⁵⁰ TGGATGGGTTCA ⁸⁶⁰ AAAGTATCA ⁸⁷⁰ AAGACTCTATT	878
zebrafish_ASMT1	.ATG.. GCAGAAAGAA GGGAGCTGT ACCCCAAAAA GATCC TCGAATACA TGGAGGGTTCTGGT TCCAAGACTCTGTT	77
zebrafish_ASMT2	TGTC .. CCAGAGTGAAC TGGACTATC CTTTCAA .. GCTTTT TGGAATATT TCAATGGA ATTCAGGATCTCT AAGGCGATATT	89
consensus	.....

exon 8

zebrafish_ASMTL	CA ⁸⁸⁰ CAGCA ⁸⁹⁰ ATCCA ⁹⁰⁰ AACTGA ⁹¹⁰ AGGTGTT CGA .. TGTA ⁹²⁰ TTAAACA ⁹³⁰ CCCC ⁹⁴⁰ CTGGTG ⁹⁵⁰ GTCTAA CAATTG GAAGAGGT AGCTG GCCAGA	955
zebrafish_ASMT1	CTCGGC TGTGAGCTGGGT TGTGTTTGA .. GCTCCT GCAGTCT .. GCGTGTCTGTCTGCT GGTCAGGT TTCTGCAGCTC	151
zebrafish_ASMT2	TTCAGCT TGTGAGTTA AGGGTGTTCGA CCTGCTCCT CCAGTCCC AAAAGCCTCTGAGTGCAGCTGA AGTGGCAGAGCAGC	169
consensus	.....

exon 8

zebrafish_ASMTL	TC ⁹⁶⁰ AAAG ⁹⁷⁰ CTTCTCTTTA ⁹⁸⁰ GGCACTG ⁹⁹⁰ AAAGGCTTCTGGA ¹⁰⁰⁰ AGCCGCTG ¹⁰¹⁰ CTCCTTAGGCCT ¹⁰²⁰ ACTAGAAAG ¹⁰³⁰ GGTCA GA...CAG	1032
zebrafish_ASMT1	TGAGCACCAGTGT TGGAC GGGACG GAGCGTCTGCTG TCTGCGTG TGTGGGCT TGCAGCTGCTCA ATAACACACACACACC	231
zebrafish_ASMT2	TTTGGCACCAGTCA AGAT GGCATTGAGCGTCTGCTG GATCTGATG GTTGCCAT TGAGATTGT TGGATGT GGAAGTG...GTG	246
consensus	.....

exon 8

exon 9

zebrafish_ASMTL	GA ¹⁰⁴⁰ AGAGAT ¹⁰⁵⁰ CAGTGT ¹⁰⁶⁰ TGTACAGAA ¹⁰⁷⁰ AATACAGAA ¹⁰⁸⁰ CAGGC ¹⁰⁹⁰ CAGT ¹¹⁰⁰ CTCTCTGCAT ¹¹¹⁰ GGATTA	1112
zebrafish_ASMT1	GACGGAA ACGTTCTGTACAGTAA CACAGAGATG TGCGAAT GTGTTTCTGGTCAAGTC CAGCCC GAAGTCTCTGTATCACTC	311
zebrafish_ASMT2	CAGGGAA ACGCTCTTTATAG CAGTACAGATG TTGCTAATCTCTAC CCTGGCCAAAAG CAGCCC CAATCTCTGCATGATT	326
consensus	.....

exon 9

zebrafish_ASMTL	TAT ¹¹²⁰ TC ¹¹³⁰ CCACTGCA ¹¹⁴⁰ ATGAT ¹¹⁵⁰ ATGGTGT ¹¹⁶⁰ GGCCTCTG ¹¹⁷⁰ TTCA ¹¹⁸⁰ AGTC ¹¹⁹⁰ ATCTAG AGAGCGCTGT AAGGGAG GGCA CCAG CCAA ACATG	1192
zebrafish_ASMT1	TATCGAGTACAGCTC CAGAACCATCTAC CTGTGCTGGCATT ACCTGAGCGACCGCGT CCGAGAC GGGAAGA ACCAGTATG	391
zebrafish_ASMT2	GATCATT TATTC CTCTCAG ACCATCTAC CCGCTCTGGAACA ATCTGGT AGACGCTGT TAGGGA AGGAAGA ACCAGATG	406
consensus	.....

