

A

	1	10	20	30	40	50	60	70	80	90	100	
Mitf-M	ATGCTGGA	AATGCTAG	AATAAATCA	CTATCAG	GTGCAGAC	CCACCTCG	AAAACCCC	ACCAAGT	ACCACAT	ACAGCAAG	CCCAACGG	CAGCAGGTAAAGC
Mitf-Mdel	ATGCTGGA	AATGCTAG	AATAAATCA	CTATCAG	GTGCAGAC	CCACCTCG	AAAACCCC	ACCAAGT	ACCACAT	ACAGCAAG	CCCAACGG	CAGCAG-----
Mitf-M	AGTACCTTT	CTACCACTTT	AGCAAATAA	ACATGCCAAC	CAAGTCCTG	AGCTTGCCAT	GTCCAAACC	AGCCTGGCG	ATCATGTCA	TGCCACCG	GTGCCGGG	
Mitf-Mdel	AGTACCTTT	CTACCACTTT	AGCAAATAA	ACATGCCAAC	CAAGTCCTG	AGCTTGCCAT	GTCCAAACC	AGCCTGGCG	ATCATGTCA	TGCCACCG	GTGCCGGG	
Mitf-M	GAGCAGCGC	ACCAACAG	CCCCATGG	CTATGCTT	ACGCTTAA	CTCAACTGT	GAAAAAGAG	GGATTTT	TATAAGTTT	GAAGAGCA	AAACAGGG	CAGAGAGC
Mitf-Mdel	GAGCAGCGC	ACCAACAG	CCCCATGG	CTATGCTT	ACGCTTAA	CTCAACTGT	GAAAAAGAG	GGATTTT	TATAAGTTT	GAAGAGCA	AAACAGGG	CAGAGAGC
Mitf-M	GAGTGCCCA	GGCATGA	ACACACAT	TCACGAG	CGTCCTGT	ATGCAG	ATGGATG	ATGTAAT	CGATGAC	ATCATTAG	CCTAGAAT	CAAGTTATAA
Mitf-Mdel	GAGTGCCCA	GGCATGA	ACACACAT	TCACGAG	CGTCCTGT	ATGCAG	ATGGATG	ATGTAAT	CGATGAC	ATCATTAG	CCTAGAAT	CAAGTTATAA
Mitf-M	TCTTGGGCT	TGATGGAT	CCTGCTTT	GCAAATGG	CAATACG	TTGCCTGT	CTCGGAA	ACTTGATT	GATCTTT	ATGGAA	ACCAAGG	TCTGCC
Mitf-Mdel	TCTTGGGCT	TGATGGAT	CCTGCTTT	GCAAATGG	CAATACG	TTGCCTGT	CTCGGAA	ACTTGATT	GATCTTT	ATGGAA	ACCAAGG	TCTGCC
Mitf-M	CCTCACCAT	CAGCAACT	CCTGTCC	AGCCAACT	TCCCAAC	ATAAAA	AGGGAG	CTCACAG	CGTGTAT	TTTTTCC	CACAGAG	TCTGAAG
Mitf-Mdel	CCTCACCAT	CAGCAACT	CCTGTCC	AGCCAACT	TCCCAAC	ATAAAA	AGGGAG	CTCACAG	CGTGTAT	TTTTTCC	CACAGAG	TCTGAAG
Mitf-M	AAAGAGAGG	CAGAAAA	AGGACAAT	CACAACCT	GATTGA	ACGAAGA	AAGATTT	AACATAA	ATGACCG	CATTAA	AGAACT	AGGTACT
Mitf-Mdel	AAAGAGAGG	CAGAAAA	AGGACAAT	CACAACCT	GATTGA	ACGAAGA	AAGATTT	AACATAA	ATGACCG	CATTAA	AGAACT	AGGTACT
Mitf-M	CAAATGAT	CCAGACAT	GCGCTGG	AACAAGG	GAACCAT	CTTAAA	AGCATCC	GTGGACT	ATATCC	GAAAGT	TGCAAC	GAGAAC
Mitf-Mdel	CAAATGAT	CCAGACAT	GCGCTGG	AACAAGG	GAACCAT	CTTAAA	AGCATCC	GTGGACT	ATATCC	GAAAGT	TGCAAC	GAGAAC
Mitf-M	TGAAAACCG	ACAGAAG	AACTGG	AGCACGCC	AACCGGC	ATTTGTT	GCTCAGA	ATACAG	GAACTT	GAAATG	CAGGCT	CGAGCT
Mitf-Mdel	TGAAAACCG	ACAGAAG	AACTGG	AGCACGCC	AACCGGC	ATTTGTT	GCTCAGA	ATACAG	GAACTT	GAAATG	CAGGCT	CGAGCT
Mitf-M	CCATCCAC	GGTCTCT	GCTCTCC	AGATTTG	GTGAATC	GGATCAT	CAAGCA	AAGAAC	CCGTTCT	TGAGAA	CTGCAG	CCAAGAC
Mitf-Mdel	CCATCCAC	GGTCTCT	GCTCTCC	AGATTTG	GTGAATC	GGATCAT	CAAGCA	AAGAAC	CCGTTCT	TGAGAA	CTGCAG	CCAAGAC
Mitf-M	ACCTAAC	CTGTACA	ACAAC	TCTCGAT	CTCACG	GATGGC	ACCATC	ACCTTCA	ACAACA	ACCTCG	GAACTG	GGGACT
Mitf-Mdel	ACCTAAC	CTGTACA	ACAAC	TCTCGAT	CTCACG	GATGGC	ACCATC	ACCTTCA	ACAACA	ACCTCG	GAACTG	GGGACT
Mitf-M	CACAAAA	ATGGGAT	CCAACT	GGAAGAC	ATCCTG	ATGGAC	GACACC	TTTCTCC	CGTCCG	TGTCAC	TGATCC	ACTCCT
Mitf-Mdel	CACAAAA	ATGGGAT	CCAACT	GGAAGAC	ATCCTG	ATGGAC	GACACC	TTTCTCC	CGTCCG	TGTCAC	TGATCC	ACTCCT
Mitf-M	TCCAAA	ACAAGC	AGCCGG	AGGAGC	AGTATG	AGCATG	GGAAG	AGACGG	AGCAC	ACTTGT	TAG	
Mitf-Mdel	TCCAAA	ACAAGC	AGCCGG	AGGAGC	AGTATG	AGCATG	GGAAG	AGACGG	AGCAC	ACTTGT	TAG	

B

	1	10	20	30	40	50	60	70
Mitf-M	MLEMLEY	NHYQVQ	THLEN	PTKYH	IQQAQR	QVKQYL	STTLAN	KHANQV
Mitf-Mdel	MLEMLEY	NHYQVQ	THLEN	PTKYH	IQQAQR	QV-----		
Mitf-M	PNSPMAM	LTLSN	CEKEG	FYKFEE	QNRASE	ECPGMN	THSRAS	CMQMD
Mitf-Mdel	PNSPMAM	LTLSN	CEKEG	FYKFEE	QNRASE	ECPGMN	THSRAS	CMQMD
Mitf-M	ALQMANT	LPVSG	NLIDLY	GNQGL	PPPGL	TISNSC	PANLP	NIKREL
Mitf-Mdel	ALQMANT	LPVSG	NLIDLY	GNQGL	PPPGL	TISNSC	PANLP	NIKREL
Mitf-M	LIERRRR	FNINDR	IKELG	TLPKSN	DMRW	NKGT	LKASV	DIYRKL
Mitf-Mdel	LIERRRR	FNINDR	IKELG	TLPKSN	DMRW	NKGT	LKASV	DIYRKL
Mitf-M	LLLRIQE	LEMQA	RAHGL	SLIPST	GLCSP	DLVNR	IKQEP	VLENC
Mitf-Mdel	LLLRIQE	LEMQA	RAHGL	SLIPST	GLCSP	DLVNR	IKQEP	VLENC
Mitf-M	NNNLGT	GTEAN	QAYSV	PTKMG	SKLED	ILMDD	TLSPV	GVTD
Mitf-Mdel	NNNLGT	GTEAN	QAYSV	PTKMG	SKLED	ILMDD	TLSPV	GVTD