

Figure S1

MITF	CCCCCGCCCCGGGCTCTGTTCTCACTTTGCAGCCGTGGAAGGACTGGGAGCGGGAGCCA	60
MITFY	A.....A....A.....C.....	60
MITF	TG CAGTCGGAATCGGGGATCGTGCCGGATTTCTGAAGTCGGGGAGGAGTTTCACGAAGAGC	120
MITFY	.....C.....A.....	120
MITF	CCAAAACCTATTACGAACTCAAAAGTCAACCTCTGAAGAGCAGCAGTTCCGAGGAGCATC	180
MITFY	.....G.....C.....T.....	180
MITF	CTGGGGCCTCCAAGCCTCCGATAAGCTCCTCCAGTATGACATCACGCATCTTGCTACGCC	240
MITFY	.....A.....	240
MITF	AGCAACTCATGCGTGAGCAAATGCAGGAGCAGGAGCGCAGGGAGCAGCAGCAGAAGCTGC	300
MITFY	.A.....A.....	300
MITF	AGGCGGCCCAGTTCATGCAACAGAGAGTGCCTGTGAGCCAGACCCCAGCCATAAACGTCA	360
MITFY	.....	360
MITF	GCGTGCCCAACCACCCTTCCCTCTGCCACCCAGGTGCCGATGGAAGTCCTCAAGGTGCAGA	420
MITFY	.T.....C.....	420
MITF	CCCACCTCGAAAACCCACCAAGTACCACATACAGCAAGCCCAAAGGCAGCAGGTAAAGC	480
MITFY	.....	480
MITF	AGTACCTTTCTACCACTTTAGCAAATAAACATGCCAACCAAGTCCTGAGCTTGCCATGTC	540
MITFY	.....	540
MITF	CAAACCAGCCTGGCGATCATGTTCATGCCACCAGTGCCGGGGAGCAGCGCACCCAACAGCC	600
MITFY	.....T.....	600
MITF	CCATGGCTATGCTCACACTTAACTCCAACCTGTGAAAAAGAGGGATTTTATAAGTTTGAAG	660
MITFY	.....A.....	660
MITF	AGCAAAACAGGGCGGAAAGTGAATGCCCAACCATGAACACGCATTACAGAGCATCGTGCA	720
MITFY	.....	720
MITF	TGCAGATGGATGATGTAATTGATGACATCATTAGCCTAGAATCAAGTTATAATGAAGAAA	780
MITFY	.....	780
MITF	TCCTGGGATTGATGGATCCTGCTTTGCAAATGGCAAATACGTTACCTGTCTCTGGAAATC	840
MITFY	.....	840
MITF	TGATTGATCTTTATGGCAACCAAGGCCTGCCTCCCCCAGGCCTCACCATCAGCAACTCCT	900
MITFY	.....	900
MITF	GTCCAGCCAACCTTCCCAACATAAAAAGGGAGCTCACAGCGTGTATTTTTCCACAGAAT	960
MITFY	.....A.....	960
MITF	CTGAAGCGAGAGCATTGGCTAAAGAGAGGCAAAAAA-GGACAATCACAACTTGATTGAA	1019
MITFY	.....TA.....A.....	1020
MITF	CGAAGACGACGATTTAACATAAATGACCGCATTAAGAAGTAGGTACTTTGATTCCCAAG	1079
MITFY	.....C.....	1080

MITF	TCAAATGATCCAGACATGCGTTGGAACAAGGGAACCATCTTAAAAGCATCTGTGGACTAT	1139
MITFY	.A.....T.....	1140
MITF	ATCCGAAAGTTGCAACGAGAACAGCAACGTGCAAAAGAACTTGAAAATCGACAGAAGAAA	1199
MITFY	.....C.....T.	1200
MITF	TTGGAGCACGCCAACCGGCATTTGTTGCTCAGAATACAGGAACCTTGAAATGCAGGCTCGA	1259
MITFY	.....G.....	1260
MITF	GCTCATGGACTTTCACTTATTCCATCCACGGGCCTCTGCTCTCCAGACTTGGTGAATCGG	1319
MITFY	.....A.....	1320
MITF	ATCATCAAGCAGGAACCCACTCTTGAGAACTGCAACCAAGACCTCCTTCAGCATCATGCA	1379
MITFY	.....A.....	1380
MITF	GACCTACCTTGTACGACGACGCTTGATCTCACAGATGGCAGCATCACCTTCAACAACAAC	1439
MITFY	.....G.....	1440
MITF	CTTGGAGCCGGGACCGAGAGTAGCCAAGCCTATAGCGTCCCCACGAAAATGGGATCCAAA	1499
MITFY	.....T.....T.....	1500
MITF	CTGGAAGACATCCTGATGGATGACACTCTTTCTCCCGTTGGTGTAAGTACCCACTCCTT	1559
MITFY	.....	1560
MITF	TCATCAGTGTCCCCTGGAGCTTCCAAAACAAGCAGCCGAAGGAGCAGCATGAGCATGGAA	1619
MITFY	.....T.....	1620
MITF	GAAACCGATCATGCTTGT TAG CAGGCCCTCCCTGCTCTGCGCTTTCAAAACTGCTTCCT	1679
MITFY	.....T.....	1680
MITF	TTCTTGATTTCGTAGGTTTCATAATTTACCTGAAGGGGTTTTCTTGATAATTTTCCTTTAA	1739
MITFY	.....C.....	1740
MITF	TATGAAATTTTTTTTCATGCTTTACCAATAGCCCAGGATATATTTTATTTTATAGATTTT	1799
MITFY	.....--.....G.	1798
MITF	GTGAAACAGACTTGTATATTCTATTTTACAACCTACAAATGCCTCCAAAGTCTTGACCAT	1859
MITFY	.....G.....G.....	1858
MITF	ACGTGTACAGTATCTGTGAAGTGAATTCACCCTGGACTTTAGCTTTCTGAGCAAGAGGAT	1919
MITFY	.....C.....	1918
MITF	TTTTGCATCAGAGAAATTTCTGTCCATTTTATTTCAGGGGAAACTTGGTTTGAGATTTT	1979
MITFY	.....G.....	1978
MITF	ATGTCTGTGGCATCTTTGGAAATTAAATGTAAAGTTTAATCGAAAGAATGTAAAGC	2035
MITFY	.....	2034