

Supplementary information, Table S6 Primers used for q-PCR and subclone

Primers used for q-PCR.

Gene symbol	Forward (5' to 3')	Reverse (5' to 3')	Accession
MPZL1-g/c	CTCCAAGGGCAAGTGTA	CAACGATGTCAGGAGGGT	NM_003953.5
MPZL1a	AAAACCCTCCTGACATCG	CTAACTGTGCATATATGACTGG	NM_024569.4
MPZL1b	TGGAGTATCAGCCTTGGA	TCCGCATACACCACAGAC	NM_001146191.1
ATP1B1-c	CAGTGAACCGAAAGAACG	ACTGAACGGGAAGGACAT	NM_001677.3
ATP1B1-g	TTGTAGGCGAATCTATGAG	AAGCACTATTTCCCTGACT	NC_000001.10
NEM7-c	TCACCAGTCAAGACCCTT	TCTTATGCCATCTGTTCC	NM_138638.4
NEM7-g	TATGAGCAAGGGCAGTTA	TTGAGTAGGGAAGGAAGG	NC_000014.8
PIGC-c	AGCCCTTTCCTGATAACT	CCAGACCAGTCCCTAAAA	NM_153747.1
PIGC-g	TTCTTCACTGATTGGGTAT	TGACATGGCATAGATGGT	NC_000001.10
LINE-1	AAAGCCGCTCAACTACATGG	TGCTTTGAATGCGTCCCAGAG	NC_000002.11
β -actin	AGTGTGACGTGGACATCCGCAAG	ATCCACATCTGCTGGAAGGTGGAC	NM_001101.3

g, genomic DNA; c, cDNA. The human MPZL1 consists of 3 isoforms (MPZL1, MPZL1a and MPZL1b) differing in their cytoplasmic sequences.

Primers used for subclone.

Gene symbol	Forward (5' to 3')	Reverse (5' to 3')	Accession
MPZL1-ORF	CGGGATCCATGGCAGCGTCCG	CGGAATTCCTAATTCTTTCGGATATCC	NM_003953.5
CTTN-ORF	CGGGATCCATGTGAAAGCTTCAGCA	CGGAATTCCTACTGCCGAGCTCC	NM_005231.3
CTTN-Y421D	CCCCGTCGATGAGGATG	CATCCTCATCGACGGGG	NM_005231.3
CTTN-Y421A	CCCCGTCGCTGAGGATG	CATCCTCAGCGACGGGG	NM_005231.3
CTTN-Y470D	GAGGCTGTCGATGAAAGCG	CGCTTTCATCGACAGCCTC	NM_005231.3
CTTN-Y470A	GAGGCTGTCGCTGAAAGCG	CGCTTTCAGCGACAGCCTC	NM_005231.3
CTTN-Y486D	GACAGCACCGATGATGAGTAC	GTACTCATCATCGGTGCTGTC	NM_005231.3
CTTN-Y486A	GACAGCACCGCTGATGAGTAC	GTACTCATCAGCGGTGCTGTC	NM_005231.3
SRC-ORF	CGACGCGTATGGGTAGCAACAAGAGC	CGGAATTCCTAGAGTTCTCCCCGG	NM_005417.3
SRC-K298M	TGGCCATCATGACCCTGA	TCAGGGTCATGATGGCCA	NM_005417.3
	ACCTGCAGGCCTTCTGGAGGACTAC	CGGAATTCCTAGAGTTCTCCCCGGGCTG	
SRC-Y530F	TTCACGTCCACCGAGCCCCAGTTCCA	GAAGTGGGGCTCGGTGGACGTGAAGTAG	NM_005417.3
	GCCCGGGGAGAACCTCTAG	TCCTCCAGGAAGGCCTGCAGGT	

*, the isoform a (full length MPZL1) of MPZL1 was used in this study (Accession number: NM_003953.5).