

Supplementary Table 1 The nucleotide sequences used for plasmid construction

Constructs	Nucleotide Sequences
ATP6v0d2-Luc	5'-GGTACCTCTTTGCCTGTCAACCTAAACTTC-3' 5'-CTCGAGGCTCCGAGTCCTGGATAGCAACTG-3'
DC-STAMP-Luc	5'-GGTACCTCAATACATAAATGGCTCCTACAG-3' 5'-CTCGAGTTCCGCTTAGGTTCCCTCCACAAG-3'
β 3-Integrin-Luc	5'-GGTACCTCACATTGGTCCAGCAAGCACTC-3' 5'-CTCGAGTTGTCCCGGCCACTGCGCTCG-3'

Supplementary Table 2 The nucleotide sequences used for RT-PCR

Genes	Nucleotide Sequences
NFATc1	5'-CTCGAAAGACAGCACTGGAGCAT-3' (forward) 5'-CGGCTGCCTTCCGTCTCATAG-3' (reverse)
OSCAR	5'-CTGCTGGTAACGGATCAGCTCCCCAGA-3' (forward) 5'-CCAAGGAGCCAGAACCCTTCGAAACT-3' (reverse)
CD9	5'-AAGTGCATCAAATACCTGCTCTTC-3' (forward) 5'-GCATGCACTGGGACTCTTGACAG-3' (reverse)
CD44	5'-GGACTCCAGGGGGAGTCCCGCAC-3' (forward) 5'-CGTCCCATTGCCACCGTTGATCAC-3' (reverse)
E-cadherin	5'-ATCCTCGGAATCCTTGGAGGGATC-3' (forward) 5'-GGGGTCGCTGTCGGCTGCCTTCAG-3' (reverse)
meltrin- α	5'-CCCGCCAGTCCTGCAGTCAGGCAG-3' (forward) 5'-GTGGGAAGGTCTGGGTACTTGATG-3' (reverse)
MFR	5'-AAATCAGTGTCTGTTGCTGCTGG-3' (forward) 5'-CTGGGGTGACATTACTGATAC-3' (reverse)
ATP6v0d2	5'-TCAGATCTCTTCAAGGCTGTGCTG-3' (forward) 5'-GTGCCAAATGAGTTCAGAGTGATG-3' (reverse)
DC-STAMP	5'-TGGAAGTTCACTTGAAACTACGTG-3' (forward) 5'-CTCGGTTTCCCGTCAGCCTCTCTC-3' (reverse)
α v-Integrin	5'-CCTCAGAGAGGGAGATGTTACAC-3' (forward) 5'-AACTGCCAAGATGATACCCACAC-3' (reverse)
β 3-Integrin	5'-GATGACATCGAGCAGGTGAAAGAG-3' (forward) 5'-CCGGTCATGAATGGTGATGAGTAG-3' (reverse)
c-Src	5'-TTCAACAGCCTGCAGCAGCTCGTG-3' (forward) 5'-TTCCGACACCACAGCATACAGCTG-3' (reverse)
cathepsin K	5'-ACGGAGGCATTGACTCTGAAGATG-3' (forward) 5'-GTTGTTCTTATTCCGAGCCAAGAG-3' (reverse)
TRAP	5'-CTGGAGTGCACGATGCCAGCGACA-3' (forward) 5'-TCCGTGCTCGGCGATGGACCAGA-3' (reverse)
HPRT	5'-GTAATGATCAGTCAACGGGGGAC-3' (forward) 5'-CCAGCAAGCTTGCAACCTTAACCA-3' (reverse)

Supplementary Table 3 The nucleotide sequences used for ChIP assay

Genes	Nucleotide Sequences
DC-STAMP	5'-CTTCAGAGCTATGGGCTCATCCAG-3' (forward) 5'-CTCGAGTTCCGCTTAGGTTCCCTCCACAAG-3' (reverse)
	5'-AACTCGGTTTCTTTTTTATCTCTAG-3' (intron) 5'-GACAGAACGGCCAGAAGAATGAAG-3' (exon)
ATP6v0d2	5'-CAGGTGGATTTCTGAGAGTTCCAG-3' (forward) 5'-GCCCAGTTTGGCCAGTGACACCAG-3' (reverse)
	5'-CAAAGTCTAAGAAGTTCGCGAGTG-3' (intron) 5'-ATAGCTGCATGTCATGTAGGTGAG-3' (exon)
β 3-Integrin	5'-TCACTGTGTAGAGTAATGAAATAC-3' (forward) 5'-CCATCTGACTGACCTTCCTTCCTC-3' (reverse)
OSCAR	5'-GAACACCAGAGGCTATGACTGTTC-3' (forward) 5'-CCGTGGAGCTGAGGAAAAGGTTG-3' (reverse)