

**Table S7.** Primers used for PCR amplification of myosin-V isoforms.

	<b>Primer sequences (5' _3')</b>	<b>GenBank ID</b>	<b>Size (bp)</b>
Human myosin-Va	forward: 5'-AGTTCAGTCGCCTGGAAGAA-3' reverse: 5'-GCACTTTTCTCACTGAGGGC-3'	NM_000259	451
Human myosin- Vb	forward: 5-'TTCATGAGCCTGCAGTTTTG-3' reverse: 5'-TCTGCCTGGAAGACCACTCT-3'	AY274809	523
Human myosin-Vc	forward: 5'-CCCAGCAGTTTCAAGCTAGG-3' reverse: 5'-GCAAGAGAACTTTTGGCAGG-3'	NM_018728	517
GAPDH	forward: 5'-ACCACAGTCCATGCCATCAC-3' reverse: 5'-TCCACCACCCTGTTGCTGTA-3'	BC064681	452