

Table S2: List of Primers

Method	Gene			Name		sequence 5' -> 3'
	Name	Species	Accession#			
Cloning	Spastin	zebrafish	Q6NW58	ATTB1-zSpastin M61 For	For	ggggacaagttgtacaaaaagcaggcttcATGGCGGCCCGGCCAAAGAGTG
				ATTB1-zSpastin M1 - For	For	ggggacaagttgtacaaaaagcaggcttcATGAATTCTGGGCACAAAGCGA
				ATTB2-zSpastin Rev	Rev	ggggaccactttgtacaagaaagctgggtTACGCCAGTCGTGTCTCCGTAC
	Spastin	human	Q9UBP0	ATTB1 Spastin M87 For	For	ggggacaagttgtacaaaaagcaggcttcATGGCAGCCAAGAGGAGCTCCGG
				ATTB1-hSpastin M1 For	For	ggggacaagttgtacaaaaagcaggcttcATGAATTCTCCGGGTGGACGAG
				ATTB2-hSpastin M1 Rev	Rev	ggggaccactttgtacaagaaagctgggtTTAAACAGTGGTATCTCCAAAG
	Seipin	human	Q96G97	ATTB1 Seipin $\alpha$ For	For	ggggacaagttgtacaaaaagcaggcttcATGGTCAACGACCCTCCAGTAC
				ATTB1 Seipin $\beta$ For	For	ggggacaagttgtacaaaaagcaggcttcATGTCTACAGAAAAGGTAGACC
				ATTB2 Seipin Rev	Rev	ggggaccactttgtacaagaaagctgggtGGAAC TAGAGCAGGTGGGGCCG
	REEP1	human	Q9H902	ATTB1-REEP1 For	For	ggggacaagttgtacaaaaagcaggcttcATGGTGTCTGATGGATCATCTCCAG
				ATTB2-REEP1 Rev	Rev	ggggaccactttgtacaagaaagctgggtGGCGGTGCTGAGCTGCTAGCGC
	Atlastin1	human	Q8WXF7	ATTB1-Atlastin1 For	For	ggggacaagttgtacaaaaagcaggcttcATGGCCAAGAACCGAGGGACAG
				ATTB2-Atlastin1 Rev	Rev	ggggaccactttgtacaagaaagctgggtCATTITTTCTTTCTGATTGTTCCAG
	Spartin	human	Q8N0X7	ATTB1-hSpartin For	For	ggggacaagttgtacaaaaagcaggcttcATGGAGCAAGGCCACAAATGG
ATTB2-hSpartin Rev				Rev	ggggaccactttgtacaagaaagctgggtTTTTATCTTTCTTTTGCTCC	
qPCR	18s	zebrafish	KY486501	18s-F	For	AGCGTGCGGGAAACCACGAG
				18s-R	Rev	AAGCCG CAGGCTCCACTCCT
	Seipin	zebrafish	E7EYM9	Seipin-F	For	TCAGCAGAGACGAGAAGAAGCA
				Seipin-R	Rev	GAAGCGGATCTGAGAGTAGTTCACT
	Atlastin1	zebrafish	B8A6H1	Atlastin1-F	For	CAGAGAGGTGGTGGCCATTT
				Atlastin1-R	Rev	TTCCTGCGCTGGCTGTACA
	REEP1	zebrafish	E7F615	REEP1-F	For	TTGTGCTGGCTCCCATTCTAC
				REEP1-R	Rev	ATACAGCAGACTGGATCCCTTTG
	SpartinB	zebrafish	A0A0R4ITC8	Spartin-F	For	CCAAGTAAACAAAAGCCTTCAT
				Spartin1-R	Rev	ACGTCCAACATGTCCAGCAA
rt PCR	Spastin	zebrafish	Q6NW58	Spastin M1 For	For	ATGAATTCTGGGCACAAAGCGAG
				Spastin M61 For	For	ATGGCGGCCCGGCCAAAGAGTG
				Spastin Rev	Rev	TACGCCAGTCGTGTCTCCGTACT
				Spastin Ex3 For	For	GAAGGCAGACAGAGCCAGAAAA
				Spastin Ex5 rev	Rev	TGATTGTTTTGAGGGCCGGTCC
	XBP1	zebrafish	A7MC16	xbp1-P5	For	CGAGACAAGACGAGTGATCTGCT
				xbp1-P2	Rev	GCAGGAGATCAGACTCAGAGTCTG
	GAPDH	zebrafish	Q5XJ10	GAPDH For	For	ACTTTGTCATCGTTGAAGGT
GAPDH Rev				Rev	TGTCAGATCCACAACAGAGA	
in situ hybridization	Spastin	zebrafish	Q6NW58	ISH T7 Spastin Fw Sense	For	gaaataatacactcactatagggATGAATTCTGGGCACAAAGCG
				ISH T7 Spastin Rw Anti-S	Rev	gaaataatacactcactatagggCTGGAGACTGTGAAAGCAGAT
				ISH Spastin Fw Anti-S	For	ATGAATTCTGGGCACAAAGCG
				ISH Spastin Rw Sense	Rev	CTGGAGACTGTGAAAGCAGAT

Cloning: Lower cases correspond to ATTB1/2 flanking sequences

ISH: Lower cases correspond to T7 promotor