

**Table S1.** List of primers designed and used in this study.

Primer name	Primer sequence (5'→3')	Relevance	Annealing (T <sub>m</sub> °C)	PCR Length (bp)
G-TrCNX-F	ATGAGACAACGGCAACTATTTTCCG	gDNA-PCR	62	3069
G-TrCNX-R	TCAAAATCTACGCCCTCCTCC			
TrCNX-F	ATGACGATCGCGCCAAAGATC	cDNA-PCR	61	1850
TrCNX-R	TCAAAATCTACGCCCTCCTC			
RT-CNX-F	TGGCAGCATACAAGTCCAAG	RT-PCR	59	240
RT-CNX-R	GCTCGTTCCCTTCCTTCTCT			
q-CNX-F	GAGAAGCAGAAGGCTGAAGAG	RT-qPCR	60	106
q-CNX-R	GGAACATCAGCTACCTTG TAGAG			
RT-Actin7-F	GACCGATCCCTGATGAAGA	RT-PCR	58	242
RT-Actin7-R	ATGATGGCTGGAACAGAACC			
qRT-Actin7-F	CTGATAGGATGAGCAAGGAGA	RT-qPCR	60	105
qRT-Actin7-R	ATAGACCCTCCAATCCAGACA			
TrCNX1-NcoI-F	<u>CCATGG</u> ATGACGATCGCGCCAAAGAT	Subcloning of <i>TrCNX1</i>	60	1629
TrCNX1-NcoI-R	<u>CTCGAG</u> TCAAAATCTACGCCCTCCTC			