

Supplemental Table 1. List of primers used to amplify P2X₃ and P2X₂ cDNA in RT-PCR experiments.

	primer sequence	Length (bp)	T _m (°C)
*P2X ₂ common	Fw: 5'-GGAAGTGTGACCTGGACTTG-3' Rw: 3'-CAGATCCAGGTCTGTAGCTT-5'	P2X _{2a} : 686 P2X _{2b} : 479 P2X _{2e} : 416	58 °C
P2X _{2a}	Fw: 5'-CAAGGCACCCCTCAAGTAGA-3' Rw: 3'-GCTGGTCCTGGGAGTAGTGA-5'	90	60°C
P2X _{2b}	Fw: 5'-GACAAGGTGGTGGACACTC-3' Rw: 3'-CGTGGATGTGGAGTCCTGTT-5'	84	60°C
P2X _{2e}	Fw: 5'-GGAAGTGTGACCTGGACTTG-3' Rw: 3'-ATGTGGAGTCCTTGTCAGAAC-5'	350	58 °C
P2X ₃	Fw: 5'-CAGGGCACTTCTGTCTTTGTC-3' Rw: 3'-AGCGGTACTTCTCCTCATTCTC-5'	94	58°C
P2X ₂	Fw: 5'-TACCATGGGGACTCCAAGAC-3' Rw: 3'-GGGCCATTTTACCCAGAAA-5'	95	58°C
β-tubIII	Fw: 5'-GGCAACTATGTAGGGGACTCAG-3' Rw: 3'-CCTGGGCACATACTTGTGAG-5'	87	58°C
GAPDH	Fw: 5'-AACTTTGGCATTGTGGAAGG-3' Rw: 3'-GGATGCAGGGATGATGTTCT-5'	122	58°C

Specific P2X₃ and P2X₂ primers for real time PCR experiments. To amplify P2X₂ isoforms (P2X_{2a}, P2X_{2b} and P2X_{2e}) primers span the P2X_{2b} and P2X_{2e} splicing boundaries (Koshimizu et al., 2006). Asterisk indicates primers used to amplify all the P2X₂ isoforms with end-point PCR reactions. β-tubulin III (β-tubIII) and GAPDH housekeeping mRNA are also amplified and used for normalization.