

Supplemental Figure 1:

Effect of pseudocanthatidins on several alternative exons. HEK293 cells were treated with 1 mM of the substances indicated for 24 hrs and effects in alternative splicing were assayed by RT-PCR. The sequences of the alternative exons were as follows:

CAMKK2	CTGCACCCCTGGGTCACGAGGCATGGGGCGGAGCCGTTGCCGTCGGAGGATGAGAA CTGCACGCTGGTCGAAGTGAAGAGGAGGTCGAGAACTCAGTCAAACACATTC CCAGCTTGGCAACCGTG
IDH3B	GTGCGGACTCGAGACATGGGGCGGCTACAGCACCACAACCGACTTCATCAAGTCTGT CATCGGTCACCTGCAGACTAAAGGGAGCTAGAGCCCTTTATTTCTTCCAACCTTGCA AGGACCACACTCCCCATACCCTTCAGTGCAGTGTACCAGGGAAGAGACCTTGTGCCT CTAAGCAGTGGACCATGGTCACCTTGTGGGTAGAGCCTAGGTTGTCCTTGGGCCGG CTTCCTTAGGGGACAGACTGTTGGGTGGTGTATGGGGATTGTTAGGATGGAGCCAG GCCACATGGATGATGATGATTCTCCCCACAG
SMNDC1	gtaagtgtagaaaaaaaaacttaactataacatgaaataataaaatacaatgtaagaagttttattcagtttaactacctattttaatctga cttctattagcagtagatttatagagccaatttgattcttgggtggtgccattaataca
TIMM8B	Gccacgtcccgtagaaaagatactatccactgtgggttttgggtgcgccgcaccccactgcctcactggattgtgaggatcatatgca caatgtatttgaaacgactagaacattatcggaggaagggtgactctgaagtagtcgctgtagactatggatgtagaacaagggttgag cccttggacatggttctaacgcggcctgacttcttctgctgctacatgaccttgactacataatcacgcctctaaatgggaggtgatgacag ctatccttggagccttagagagaactgattcttagtaccagcctcacaata
ZNF207	ATGGGGACACCTGTCACAAGCTCAAGTACAGCTTCATCCAATTCAGAAAGTCTGTCT GCATCTTCTAAAGCTCTGTTTCCTAGCACAGCACAA

Supplemental data

