

Coexpression of mouse TMEM63A, TMEM63B and TMEM63C activates ion currents in HEK293 cells

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#	ARTICLE	IF	CITATIONS
1	Epigenomic analysis in a cell-based model reveals the roles of H3K9me3 in breast cancer transformation. <i>Epigenomics</i> , 2017, 9, 1077-1092.	1.0	11
2	Interactions of the Mechanosensitive Channels with Extracellular Matrix, Integrins, and Cytoskeletal Network in Osmosensation. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 96.	1.4	20
3	The N- and C-terminal carbohydrate recognition domains of <i>Haemonchus contortus</i> galectin bind to distinct receptors of goat PBMC and contribute differently to its immunomodulatory functions in host-parasite interactions. <i>Parasites and Vectors</i> , 2017, 10, 409.	1.0	24
4	Structure of the hyperosmolality-gated calcium-permeable channel OSCA1.2. <i>Nature Communications</i> , 2018, 9, 5060.	5.8	118
5	Astroglial Modulation of Hydromineral Balance and Cerebral Edema. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 204.	1.4	39
6	Heterozygous Variants in the Mechanosensitive Ion Channel TMEM63A Result in Transient Hypomyelination during Infancy. <i>American Journal of Human Genetics</i> , 2019, 105, 996-1004.	2.6	52
7	Overexpression of Osmosensitive Ca ²⁺ -Permeable Channel TMEM63B Promotes Migration in HEK293T Cells. <i>Biochemistry</i> , 2019, 58, 2861-2866.	1.2	13
8	Tmem63c is a potential pro-survival factor in angiotensin II-treated human podocytes. <i>Life Sciences</i> , 2020, 258, 118175.	2.0	6
9	Identifying Lung Cancer Cell Markers with Machine Learning Methods and Single-Cell RNA-Seq Data. <i>Life</i> , 2021, 11, 940.	1.1	8
10	OSCA/TMEM63 are an evolutionarily conserved family of mechanically activated ion channels. <i>ELife</i> , 2018, 7, .	2.8	230
11	Cryo-EM structure of the mechanically activated ion channel OSCA1.2. <i>ELife</i> , 2018, 7, .	2.8	118
12	Analysis of the genomic architecture of a complex trait locus in hypertensive rat models links Tmem63c to kidney damage. <i>ELife</i> , 2019, 8, .	2.8	25
18	TMEM63C mutations cause mitochondrial morphology defects and underlie hereditary spastic paraplegia. <i>Brain</i> , 2022, 145, 3095-3107.	3.7	17
19	TOLLIP-mediated autophagic degradation pathway links the VCP-TMEM63A-DERL1 signaling axis to triple-negative breast cancer progression. <i>Autophagy</i> , 2023, 19, 805-821.	4.3	16
21	Vascular mechanotransduction. <i>Physiological Reviews</i> , 2023, 103, 1247-1421.	13.1	36
22	Mechanosensitive membrane proteins: Usual and unusual suspects in mediating mechanotransduction. <i>Journal of General Physiology</i> , 2023, 155, .	0.9	5