

Conceptual translation of *Homo sapiens* TMEM39B, transcript variant 1, mRNA (NM_018056.4)

Highly conserved amino acids bolded

<p>stem loop</p> <p>gatacccgaggactgggctgcgggcgttagctctctcccggccgctgcctccgacatat 61</p> <p>stem loop</p> <p>tgccccagaggactcggcgggcgaagcgggagaccgggggagagatggggaggacga 121</p> <p>agaggctcccaacagacactcttactctcgaatccgctctgtgaccgggatccctgggg 181</p> <p>ggctctagtggaagccacttccagtcgacgggtgaccagtggttcgctccgaccagg 241</p> <p>amcattctggaacaggccttccaccctctctgtccaccacaaactgttgcctcta 301</p> <p>cagcactgcaagatccccagctccagctccagccagcattctgtttgattgcagctc 361</p> <p>ttctctccagctctatagcactcttctccactacatcaacatctacaagacagtgg 421</p> <p>tggtaccacctcccaccaccctcccacactccctgaactccatctgacgacttc 481</p> <p>aactgctgatgggtgaccaccatcgttctggccgcttcattgggtccatcgtgaag 541</p> <p>gaggcctcagagggggaaggtctccctctttctgctccatcctgctgttctcactcgc 601</p> <p>ttaccggttctcagggcaacagcgtggagtctgtgccgatccctccatccactctcagg 661</p> <p>acctactcctctcgaacctcctgttctctctctctcctctcctgttgggatctacattc 721</p> <p>ctgcagctgaattgcacctccgcaagacaagcctctcaaccacatgacctccatgggg 781</p> <p>ccccggaggcgggtcagtgccctggcgaagagccgggactcctcctgacactgcccggag 841</p> <p>acgtggaagcagcacacaagacagctgtatggcccggagccatgccaccatgacctac 901</p> <p>tgccctgtcaccagcctcaccagctgaggtggagtctcctcaagatggacttcaactgg 961</p> <p>cgcatgaggaagtgtcgtcagctccatgctgagcgcctactatgtggcctttgtgct 1021</p> <p>gtctggttcgtgaagacacacattactatgacaagcgtggtcctgtgaactcttctg 1081</p> <p>ctggtgtccatcagcaccctcgtgatcctcctgacagcactgctgctgccagctactgt 1141</p>		<p>KHSRP binding site</p> <p>ex1 ex2 SFRS9 binding site isol N-term YBX1 binding site</p> <p>ex2 ex3 serine-rich region</p> <p>ex3 ex4 transmembrane region 2</p> <p>M alt N-term (iso2)</p> <p>ex4 ex5 transmembrane region 3</p> <p>[leucine coiled coil] [F..Y motif] ex5 ex6, M alt N-term (iso3/4) transmembrane region 4</p> <p>found elsewhere in human genome</p> <p>transmembrane region 5</p> <p>ex6 ex7 transmembrane region 6</p>
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<p>gacctgtgcacaaagccgcccaccatctggctgttgcaaggtggaccagcgetg 1201</p> <p>gtgtccaacgtgctgcagaccctggactgaagaatgcattggccgagggcgtgetg 1261</p> <p>gtgaagcacagcaagaacgtctacaagccgtagccactacacgtggctatccctct 1321</p> <p>gacgtctcccaactccgcttccattcttttcagcaaacccctgcggactcctcaactc 1381</p> <p>ctcctgctgctggaggcgtgtcattgtctatcagctgtactccctaatgtccttgaa 1441</p> <p>aagtggcaccagaccatctcgttggcctcatcctcttcagcaactactatgccttcttc 1501</p> <p>aagtgctccgggaccgcttggtattggcaaggcctactatcctgctagccccag 1561</p> <p>agagacctggaccaccgtttctcctgagccctggggtcacctcagggacagcgtccaggc 1621</p> <p>ttcagccaagggctccctggcaagggcgtgttgggtagaaggtgggtggggggacaaa 1681</p> <p>agacaaaaaaatccaccagagctttgtattttgttacgtactgtttctttgataattga 1741</p> <p>tgtgataaggaaaaaagctctattttatactcccaa 1778</p> <p>gctctgtcctgtggttcttttccctcgtgtgtgagacctattacagaggtgtgg</p> <p>gattcgtgttaggaagcccaacctgtggttctgaagcctctgtggtaactgcttct</p> <p>ctcagtagagagagatgagaagcactggagccacggagcagtgatagctactgcgaa</p> <p>ctgaatgctcactgtgcccagatgctcctgtgtgtatttcaggcctgcttaact</p> <p>aactttatgacaacctaggagaaagtgtctatcactccaatggatgaagactggagc</p> <p>tcagagagttatagtacttgccctgtagtaacacagctaggaagtgtagagctggacat</p> <p>aaaacctctgaaagccggcagcagtgctcagcctgtaatcccagcactttgggagcg</p> <p>cgaggtggcagatcactgaaagccagagtgtagaccagcctggccaagatggcaaaa</p> <p>ccccctctactaaaaataaaaaatagccaggtgtggtggccatgctcgtgtagccc</p> <p>agctacttgaagcctgagccacgagaatcgttgaacctggagcggggttgcagtga</p> <p>gctgagatcggccatcactccagcctgggtgacagagcaagatgctgtctcaaaaaa</p> <p>aataaaaaaagccggcgcctatgctcacactgtaac</p>	<p>ex7 ex8</p> <p>ex8 ex9 transmembrane region 7 [F..F..F]</p> <p>found elsewhere in human genome transmembrane region 8</p> <p>found elsewhere in human genome SFRS13A binding site</p> <p>miR-1290, miR-4450, miRNA-520d-5p KHDRBS3 binding site ELAVL1 binding site</p> <p>extended 3' UTR using BLAT</p> <p>poly-A signal</p>
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	S-palmitoylation		O-GlcNAc
	Sumoylation		Yin-Yang (O-GlcNAc or Phos)
	Glycation		Phosphorylation
	O-Glycosylation		

