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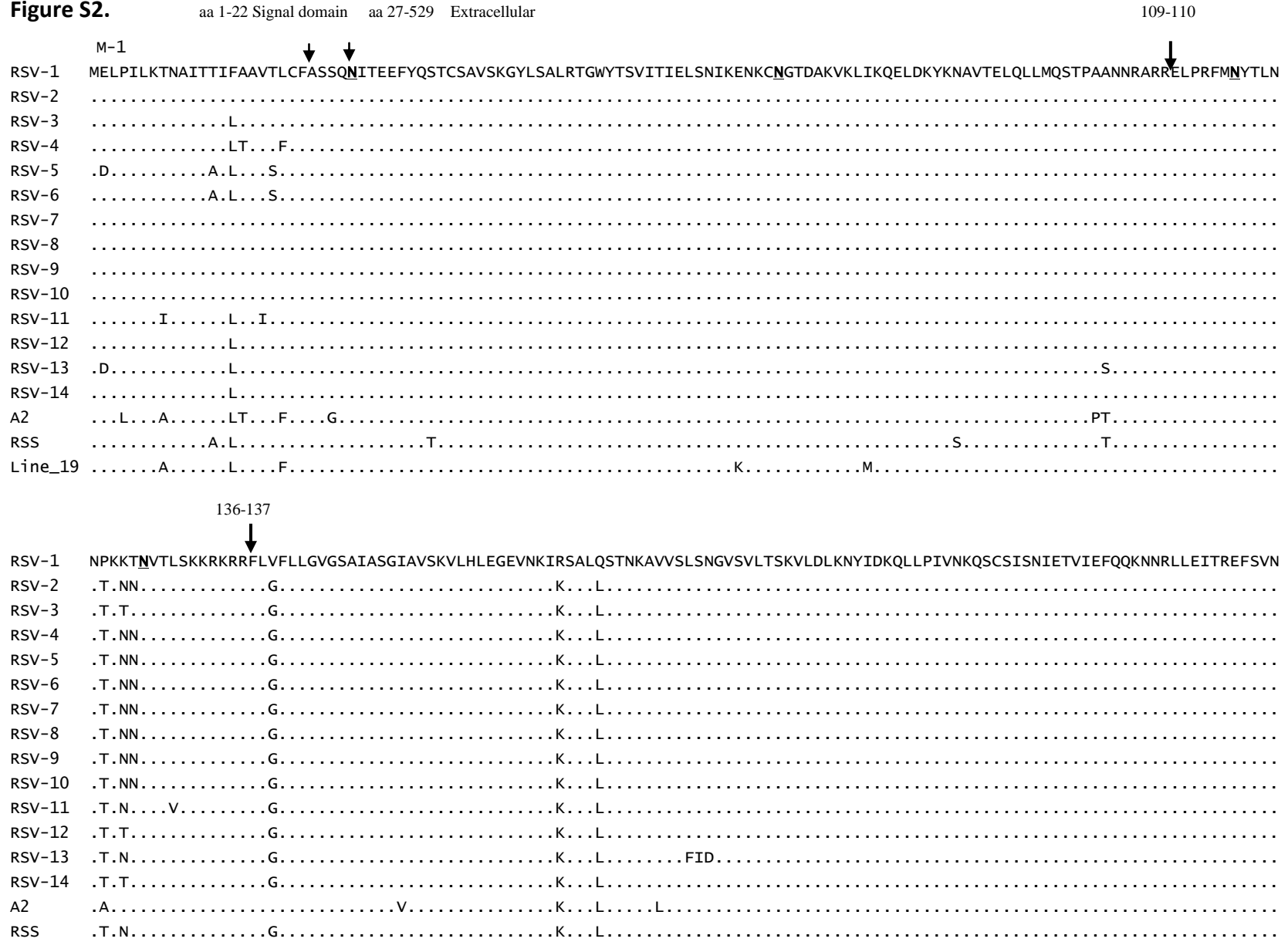
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Figure S2.



Long .T.....G.....K..L.....R.....  
Line\_19 .T.....G.....K..L.....R.....R.....

RSV-1 AGVTTTPVSTYMLTNSSELLSLINDMPITNDQKKLMSNNVQIVRQQSYSIMSIIKKEEVLAYVVQLPLYGVIDTPCWKLHTSPLCTTNTKEGSNICLTRDRGWYCDNAGSVSFFPQAETCKV  
RSV-2 .....  
RSV-3 .....  
RSV-4 .....  
RSV-5 .....  
RSV-6 .....  
RSV-7 .....  
RSV-8 .....  
RSV-9 .....  
RSV-10 .....  
RSV-11 .....  
RSV-12 .....  
RSV-13 .....  
RSV-14 .....  
A2 .....  
RSS .....L.....  
Long .....  
Line\_19 .....K.....

RSV-1 QSNRVFCDTMNSLTLPSEVNLCNVDIFNPKYDCKIMTSKTDVSSSVITSLGAIVSCYGKTKCTASNKNRGIKTFNSGCDYVSNKGVDTVSVGNTLYYVVKQEGKSLYVKGEPIINFYDP  
RSV-2 .....  
RSV-3 .....  
RSV-4 .....  
RSV-5 .....  
RSV-6 .....  
RSV-7 .....  
RSV-8 .....  
RSV-9 .....  
RSV-10 .....  
RSV-11 .....  
RSV-12 .....I.....  
RSV-13 .....I.....  
RSV-14 .....  
A2 .....I.....M.....

RSS .....I.....  
 Long .....  
 Line\_19 .....Y.....

530-550 Transmembrane      551-574 Cytosolic



RSV-1 LVFPSDEFDASISQVNEKINQSLAFIRKSDPELLHNVNVGKSTTNIMITTTIIIVIIIVILLLLIAVGLFLYCKARSTPVTLIKDQLSGINNIASFN  
 RSV-2 .....S.....  
 RSV-3 .....S.....L.....VS.....  
 RSV-4 .....L.....S.....  
 RSV-5 .....S.....  
 RSV-6 .....L.....S.....  
 RSV-7 .....A.....S.....L.....S.....  
 RSV-8 .....V.D.Y.....S.IY.....  
 RSV-9 .....S.....  
 RSV-10 .....L.....V.N.....  
 RSV-11 .....S.....L.....S.....  
 RSV-12 .....A.....S.....L.....S.....S.....  
 RSV-13 .....S.....L.....S.....  
 RSV-14 .....S.....L.....S.....S.....  
 A2 .....A.....S.....L.....S.....  
 RSS .....A.....I.....S.....L.....S.....  
 Long .....H.A.....S.....L.....S.....  
 Line\_19 .....A.....S.....L.....I.S.....