

Zebrafish S1P	---MIVRLCLLVAFGLGAKLPLVGTTEEDSGPFLTPFPPLPLNADAHLSPNCSQLTLKLDL	57
Human S1P	MKLVNIWLLLLLVLLCGKHLGDRLEKK-----SFEKAPCPGCSHLLTKVEF	47
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Zebrafish S1P	STQVVKHEYIVAFNGYFTAKARSDFISSALRDVDVAVKWRIVRRDNPASDYPDFEVVEIK	117
Human S1P	SSTVVEYEVYIVAFNGYFTAKARNSFISSALKSSEVDNWR IIPRNNPSSDYPDFEVIQIK	107
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Zebrafish S1P	QDTRNSLLTLQDHPYIKRVTQPQRMVLRSLKFTDSGTDGASPCNDTRWVQKWQSWQSSRPL	177
Human S1P	EKQKAGLLTLEDHPNIKRVTQPQKVFVRSLKYAES--DPTVPCNETRWSQKWQ---SSRPL	162
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Zebrafish S1P	RRTSLSLSSGFWHATGRHSSRRLLRAI PRHVAQILQADVLWQMGTGSGVKVAVFDTGLS	237
Human S1P	RRASLSLSSGFWHATGRHSSRRLLRAI PRQVAQTLQADVLWQMGTGANVRVAVFDTGLS	222
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Zebrafish S1P	EKHPHFKNVKERTNWTNEKTLDDGLGHTGFVAGVIASMRQCQGFAPDSELHIFRVFTNNQ	297
Human S1P	EKHPHFKNVKERTNWTNERLDDGLGHTGFVAGVIASMRQCQGFAPDAELHIFRVFTNNQ	282
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Zebrafish S1P	VSYTSWFLDAFNAILKKIDVLNLSIGGPDFMDFVDFVQKVVWELTAKKIVIMVSAIGNDGPL	357
Human S1P	VSYTSWFLDAFNAILKKIDVLNLSIGGPDFMDFVDFVQKVVWELTANNVIMVSAIGNDGPL	342
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Zebrafish S1P	YGTLLNPPADQMDVIGVGGIDFEDNIARFSSRGMTTWELPGGYGRVVKPDIIVTYGSGVRS	417
Human S1P	YGTLLNPPADQMDVIGVGGIDFEDNIARFSSRGMTTWELPGGYGRMVKPDIIVTYGAGVRS	402
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Zebrafish S1P	LKEGCRSLSGT SVASPVVAGAVTLLASTVLNRELVNVPASMKQALIASARRLPGVMNFEOG	477
Human S1P	VKGGCRALSGT SVASPVVAGAVTLLVSTVQKRELVNVPASMKQALIASARRLPGVMNFEOG	462
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Zebrafish S1P	HGKLDLLRAYQILNSYKQASLSPSYIDLTECPYMWPYCSQPIYYGMPPTVNVNVTILNGM	537
Human S1P	HGKLDLLRAYQILNSYKQASLSPSYIDLTECPYMWPYCSQPIYYGMPPTVNVNVTILNGM	522
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Zebrafish S1P	GVTGRIVEKPIWQPYLPQNGDYVDVAVSYSPVLWVWAGYLAVSISVAKKAASWEGIAQGH	597
Human S1P	GVTGRIVDKPDWQPYLPQNGDNI EVAFSYSSVLWVWAGYLAVSISVTKKAASWEGIAQGH	582
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Zebrafish S1P	VMVTVASPAENDSAIGGEMTSTVKLPVKVKIVPTPPRSKRILWDQYHNLRYPGGYFPRDN	657
Human S1P	VMITVASPAETESKNGAEQTSTVKLPKVKIIPTPRSKRVLWDQYHNLRYPGGYFPRDN	642
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Zebrafish S1P	LRMKNDPLDWDNGDHIHTNFRDMYQHLRSMGYFVEVLGAPITCFDASQYGTLLMVDSEEEY	717
Human S1P	LRMKNDPLDWDNGDHIHTNFRDMYQHLRSMGYFVEVLGAPFTCFDASQYGTLLMVDSEEEY	702
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Zebrafish S1P	FPEEITKLRDRIDNGLSLVIFSDWYNTSVMRKVKFYDENTRQWMPDGTGGANVPALNDLI	777
Human S1P	FPEEIAKLRRDNDNGLSLVIFSDWYNTSVMRKVKFYDENTRQWMPDGTGGANIPALNELL	762
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Zebrafish S1P	SVWGMASFSDGLYEGDFTLADHDMYYASGCSIAKFPEDGIVIAQTLKDQGLEVLKQETAVV	837
Human S1P	SVWNMGFSDFGLYEGEFTLANHDMYYASGCSIAKFPEDGVVITQTFKDQGLEVLKQETAVV	822
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Zebrafish S1P	ENVPVLGLYQTPSDGGRIALYGDNSCIDDShRQKDCFwLLDALLQYTSYSMTPPSLTHS	897
Human S1P	ENVPILGLYQIPAEGGRIVLYGDNSCLDDShRQKDCFwLLDALLQYTSYGVTTPPSLSHS	882
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Zebrafish S1P	KNRLVPPGTDRPLPQRLLEGNHLYRYSKVL EAH LGDPKPRPLPACPHLSWAKPQPLNETA	957
Human S1P	GNRQRPPSAGSVTPERMEGNHLHRYSKVL EAH LGDPKPRPLPACPRLSWAKPQPLNETA	942
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Zebrafish S1P	PSNLWKHQKLLSVDMDKVVLPNVRAYRPQVRPLSPGESGAWDIPGGIMPGRYNQEVGQTI	1017
Human S1P	PSNLWKHQKLLSIDLDKVVLPNFRSNRPQVRPLSPGESGAWDIPGGIMPGRYNQEVGQTI	1002
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Zebrafish S1P	PMFAFLGAMVVL SFFVQITKAKSKPKRRKPRVKRPLYLQQQQQQQTPHSGKNPTV	1074
Human S1P	PVFAFLGAMVVL AFFVQIN KAKSRPKRRKPRVKRPLMQQ-----VHPKTPSV	1052
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