

# Fig. S5

<b>Human</b>	NM_001101.3	1198	CGCAAATGCTTC <u>TAG</u> GCGGACTATGACTTAGTTGCG--TTACACCCTTTC	1245
			.                     .   .     .   .	
<b>Mouse</b>	NM_007393.3	1193	CGCAAGTGCTTC <u>TAG</u> GCGGACTGTTACTGAGCTGCGTTTTACACCCTTTC	1242
	NM_001101.3	1246	--TTGACAAAACCTAACTTGCGCAGAAAAACA-----AGATGAGATT	1284
			.	
	NM_007393.3	1243	TTTGACAAAACCTAACTTGCGCAGAAAAAAAATAAGAGACAACATT	1292
	NM_001101.3	1285	GGCATGGC <u>TTTATTT</u> ----- <u>GTTTTTTTTGTTTTGTT</u>	1316
			.	
	NM_007393.3	1293	GGCATGGC <u>TTTGTTTTTTTTAAATTTTTTTTTAAAGTTTTTTTTTTTTTTTT</u>	1342
	NM_001101.3	1317	<u>TT</u> ----- <u>GGTTTTTTTTTTTTTTTT</u> GGC----TTGACTCAGG	1349
			.	
	NM_007393.3	1343	<u>TTTTTTTTTTTTTTAAAGTTTTTTTGTTTTGT</u> GGCGCTTTTGGACTCAGG	1392
	NM_001101.3	1350	ATTTAAAAACTGGAACGGTGAAGGTGACAGCAGTCGGTTGGAGCGGAGCAT	1399
			.	
	NM_007393.3	1393	ATTTAAAAACTGGAACGGTGAAGGCGACAGCAGTTGGTTGGAGCAAACAT	1442
	NM_001101.3	1400	CCCCCAAAGTTC-AC-AATGTGGCCGAGGACTTTGATTGCACA <u>TTGT</u> ---	1444
	NM_007393.3	1443	CCCCCAAAGTTCTACAAATGTGGCTGAGGACT----TTGTACA <u>TTGTTTT</u>	1488
	NM_001101.3	1445	----- <u>TGTTTTTTTAATAGTCATTCCAAAT</u> --	1469
			.	
	NM_007393.3	1489	<u>GTTTTTTTTTTTTTTTTGGTTTTGTCTTTTTTTAATAGTCATTCCAAGT</u> AT	1538
	NM_001101.3	1470	--ATGAGATGCGTTGTTACAGGAAGTCCCTTGCCATCCTAAAAGCCA-CC	1516
			.     .     .	
	NM_007393.3	1539	CCATGAAATAAGTGGTTACAGGAAGTCCCTCACCTCCCAAAGCCACCC	1588
	NM_001101.3	1517	CCACTTCTCTCTA--AGGAGAATGGCCCAGTCC-TCTCCCAAGTCCACAC	1563
			.	
	NM_007393.3	1589	CCACT----CCTAAGAGGAGGATGGTCGCGTCCATGCCCTGAGTCCACCC	1634
	NM_001101.3	1564	AGGGG-AGGTGATAGCATTGCTTTCGTGTAAATTATGTAATGCAAAA-- <u>T</u>	1610
			.	
	NM_007393.3	1635	CGGGGAAGGTGACAGCATTGCTTCTGTGTAAATTATGTAATGCAAAAAT <u>T</u>	1684
	NM_001101.3	1611	<u>TTTTTTAATCTT-CGCCTTAATACTTTTTTATTTTGT</u> TTT-- <u>ATTT-TGA</u>	1656
	NM_007393.3	1685	<u>TTTTTAAATCTTCCGCCTTAATACTTCAT--TTTTGTTTTTAATTTCT</u> GTA	1732
	NM_001101.3	1657	ATGATGAGCC----TTCGTGCCCCCTTCCCCCTTTTTTGT-CCCCAA	1701
			.   .   .   .	
	NM_007393.3	1733	ATG----GCCCAGGTCTGAGGCCTCCCTT-----TTTTTTGTCCCCCAA	1773
	NM_001101.3	1702	CTTGAGATGTATGAAGGCTTTTGGTCTCCCTGGGAGTGG-----GTG	1743
	NM_007393.3	1774	CTT--GATGTATGAAGGC-TTTGGTCTCCCTGGGAGGGGGTTGAGGTGTT	1820
	NM_001101.3	1744	GAGGCAGCCAGGGCTTACCTGTACACTGACTTGAGACCAGTTG <u>AATAAAA</u>	1793
	NM_007393.3	1821	GAGGCAGCCAGGGCTGGCCTGTACACTGACTTGAGACC----- <u>AATAAAA</u>	1865
	NM_001101.3	1794	GTGCACACCTTA-----AAAATGA	1812
	NM_007393.3	1866	GTGCACACCTTACCTTACACAAAC---	1889