

Supplementary Table S2: Dolphin qPCR primers

Gene Symbol	Name	Assay ID	Protein in Dolphins	Protein in Humans	Associated Disease in Humans	Assay Name	SeqAC	Transcript variant	Amplicon Length	Location
<i>APP</i>	Amyloid Beta Precursor Protein	APGZHYX	Amyloid-beta A4 protein	Amyloid Beta Precursor Protein	AD	APP_1	XM_019922563.1	X1	64	550
		APGZHYX				APP_1	XM_019922564.1	X2	64	550
<i>C9orf72</i>	Chromosome 9 Open Reading Frame 72	APKA64T	Guanine Nucleotide Exchange C9orf72 Homolog Isoform X1, X2	Guanine nucleotide exchange C9orf72	ALS; FTD	C9ORF72_1	XM_004318999.2	---	61	817
<i>GRN</i>	Granulin Precursor	APRWHFG	Progranulin Isoform X1, X2	Progranulin	AD; FTD	GRN_1	XM_019939325.1	----	64	158
<i>MAPT</i>	Microtubule Associated Protein Tau	APU66KC	Microtubule-Associated Protein Tau	Microtubule-Associated Protein Tau	AD; ALS/PDC; FTD; PART	MAPT_1	XM_019944330.1	X1	59	397
		APU66KC				MAPT_1	XM_019944331.1	X2	59	397
		APU66KC				MAPT_1	XM_019944332.1	X3	59	310
		APU66KC				MAPT_1	XM_019944333.1	X4	59	397
		APU66KC				MAPT_1	XM_019944334.1	X5	59	397
		APU66KC				MAPT_1	XM_019944335.1	X6	59	310
		APU66KC				MAPT_1	XM_019944336.1	X7	59	397
		APU66KC				MAPT_1	XM_019944337.1	X8	59	310
		APU66KC				MAPT_1	XM_019944338.1	X9	59	110
		APU66KC				MAPT_1	XM_019944339.1	X10	59	110
<i>PSEN1</i>	Presenilin 1	APYMNA3	Presenilin	Presenilin-1	AD	PSEN1_2	XM_019921707.1	X1	67	1855
		APYMNA3				PSEN1_2	XM_019921714.1	X2	67	1843
<i>PSEN2</i>	Presenilin 2	AP2XCFX	Presenilin	Presenilin-2	AD	PSEN2_2	XM_019920287.1	---	55	1812
<i>TARDBP</i>	TAR DNA Binding Protein	AP7DT6P	TAR DNA-binding protein 43	TAR DNA-binding protein 43	AD, ALS, FTD, LATE	TARDBP_1	XM_019930884.1	X1	67	822
		AP7DT6P				TARDBP_1	XM_019930886.1	X3	67	801
<i>RPS9</i>	40S Ribosomal Protein S9	AP324ZV	40S ribosomal protein S9	40S ribosomal protein S9	House Keeping Gene	RPS9_1	EU638309.1	partial cds	55	67
		AP324ZV				RPS9_1	XM_019927380.1	X1	55	207
		AP324ZV				RPS9_1	XM_004332149.2	X2	55	124
		AP324ZV				RPS9_1	XM_019927381.1	X3	55	329