

Table S2. Accession numbers for genes used in phylogenetic analysis of TRP15.

	<i>M. musculus</i>	<i>D. melanogaster</i>	<i>A. queenslandica</i>	<i>T. adhaerens</i>	<i>M. brevicollis</i>	<i>C. elegans</i>	<i>D. rerio</i>	<i>C. reinhardtii</i>
TRPN		DmNOMPC				CeTRP-4	DrTRPN1	
		NP_523483.2				CAC14420.3	NP_899192.1	
TRPA	MmTRPA1	DmTRPA1	AqTRPA1-3		MbTRPA1-1			
	NP_808449.1	NP_648263.5	XP_003388066		jgi Monbr1 22693			
TRPM	MmTRPM1	DmTRPM		TaTRPM1	MbTRPM1			
	NP_001034193.2	NP_001036548.1		jgi Triad1 58797	jgi Monbr1 27446			
TRPML	MmTRPML1	DmTRPML	AqTRPML2	TaTRPML	MbTRPML			
	NP_444407.1	NP_649145.1	XP_0011402441.1	jgi Triad1 27592	jgi Monbr1 5128			
TRPC	MmTRPC1	DmTRPgamma			MbTRPC			
	NP_035773.1	NP_609802.1			jgi Monbr1 27307			
TRPV	MmTRPV1	DmNan		TaTRPV1	MbTRPV			
	NP_001001445.1	NP_001261833.1		jgi Triad1 58478	jgi Monbr1 22556			
TRPP	MmTRPP2	DmPkd2		TaTRPP1				CrPKD2
	NP_032887.3	NP_609561.2		jgi Triad1 28998				Cre17.g715300
Shaker	MmShaker	DmShaker	AqShaker	TaShaker	MbShaker			CrShaker
	INP_067250.2	CAA29917.1	XP_011404770.1	jgi Triad1 2482	jgi Monbr1 8918			Cre10.g432550
								CrTRP15
								Cre09.g397142