**Fig. S1. Multi-species alignment of the trpc2 gene sequence.** Deduced nucleotide sequence of the partial Xenopus laevis trpc2 gene (HG326501) aligned with the trpc2 sequences of Plethodon shermani (JN805769), Danio rerio (NM_001030166), Mus musculus (NM_001109897), Macropus eugenii (GQ860951) and Xenopus tropicalis (XM_002941188). Asterisks indicate identical nucleotides in all five species. The bar diagram below the sequences indicates the degree of nucleotide conservation between species, with higher bars indicating higher conservation. The multi-species alignment was performed using ClustalW2 (http://www.clustal.org/).