

**Table 1** Sequences used in alignment of tetrapod rhodopsin promoters

<b>Species</b>	<b>Ensembl Accession Number</b>
Alpaca ( <i>Vicugna pacos</i> )	ENSVPAG00000003334
Anole Lizard ( <i>Anolis carolinensis</i> )	ENSACAG00000014258
Armadillo ( <i>Dasypus novemcinctus</i> )	ENSDNOG00000015133
Bushbaby ( <i>Otolemur garnettii</i> )	ENSOGAG00000010259
Cat ( <i>Felis catus</i> )	ENSFCAG0000000092
Chicken ( <i>Gallus gallus</i> )	D00702 (GenBank)
Chimpanzee ( <i>Pan troglodytes</i> )	ENSPTRG00000015379
Cow ( <i>Bos taurus</i> )	ENSBTAG00000001310
Dog ( <i>Canis familiaris</i> )	ENSCAFG00000004633
Dolphin ( <i>Tursiops truncatus</i> )	ENSTTRG00000011273
Elephant ( <i>Loxodonta africana</i> )	ENSLAFG00000001359
Rhodopsin 7 Fugu ( <i>Takifugu rubripes</i> )	ENSTRUG00000004527
Gorilla ( <i>Gorilla gorilla</i> )	ENSGGOG00000010728
Guinea Pig ( <i>Cavia porcellus</i> )	ENSCPOG00000004984
Hedgehog ( <i>Erinaceus europaeus</i> )	ENSEEUG00000008285
Horse ( <i>Equus caballus</i> )	ENSECAG000000013709
Hyrax ( <i>Procavia capensis</i> )	ENSPCAG000000013147
Kangaroo rat ( <i>Dipodomys ordii</i> )	ENSDORG00000000911
Lesser hedgehog tenrec ( <i>Echinops telfairi</i> )	ENSETEG00000000282
Macaque ( <i>Macaca mulatta</i> )	ENSMMUG000000012734
Marmoset ( <i>Callithrix jacchus</i> )	ENSCJAG000000017195
Medaka ( <i>Oryzias latipes</i> )	ENSORLG000000010599
Megabat ( <i>Pteropus vampyrus</i> )	ENSPVAG00000007112
Microbat ( <i>Myotis lucifugus</i> )	ENSMLUG000000014786
Mouse ( <i>Mus musculus</i> )	ENSMUSG000000030324
Mouse Lemur ( <i>Microcebus murinus</i> )	ENSMICG000000008063
Opossum ( <i>Monodelphis domestica</i> )	ENSMODG000000006488
Orangutan ( <i>Pongo pygmaeus</i> )	ENSPPYG000000013415
Pig ( <i>Sus scrofa</i> )	ENSSSCG000000011590
Pika ( <i>Ochotona princeps</i> )	ENSOPRG000000011547
Platypus ( <i>Ornithorhynchus anatinus</i> )	ENSOANG000000003778
Rabbit ( <i>Oryctolagus cuniculus</i> )	ENSOCUG000000013036
Rat ( <i>Rattus norvegicus</i> )	ENSRNOG000000011144
Squirrel ( <i>Spermophilus tridecemlineatus</i> )	ENSSTOG00000004402
Tetraodon ( <i>Tetraodon nigroviridis</i> )	ENSTNIG000000017909
Tree Shrew ( <i>Tupaia belangeri</i> )	ENSTBEG000000011354
Turkey ( <i>Meleagris gallopavo</i> )	ENSMGAG000000010301
Wallaby ( <i>Macropus eugenii</i> )	ENSMEUG00000007196