

**S2 Table:** GeneBank accession numbers used for the TECPR2 and TECPR1 alignments.

Species	GeneBank accession number TECPR2	GeneBank accession number TECPR1/Peroxin 23
<i>C. lupus</i>	XP_005623885.1	XP_546986.4
<i>H. sapiens</i>	XP_005268303.1	AAH53591.1
<i>P. troglodytes</i>	XP_009426768.1	XP_009451946.1
<i>M. mulatta</i>	AFJ70931.1	AFE77616.1
<i>C. jacchus</i>	JAB46771.1	JAB48654.1
<i>N. leucogenys</i>	XP_003276268.1	XP_004090980.1
<i>T. syrichta</i>	XP_008062282.1	XP_008071091.1
<i>O. garnettii</i>	XP_003799373.1	XP_003798974.1
<i>R. norvegicus</i>	XP_008763192.1	NP_001032268.1
<i>M. musculus</i>	NP_001276439.1	NP_081686.1
<i>C. griseus</i>	XP_007624662.1	EGW02538.1
<i>C. lanigera</i>	XP_005410807.1	XP_005397968.1
<i>N. galili</i>	XP_008823812.1	XP_008822244.1
<i>I. tridecemlineatus</i>	XP_005341060.1	XP_005339780.1
<i>J. jaculus</i>	XP_004665590.1	XP_004666407.1
<i>C. porcellus</i>	XP_003463177.2	XP_003469934.1
<i>O. degus</i>	XP_004645455.1	XP_004629763.1
<i>B. taurus</i>	NP_001179619.1	XP_010824155.1
<i>O. aries</i>	XP_004018206.1	XP_004021346.1
<i>E. caballus/E. przewalskii</i>	XP_001491516.3	XP_008514290.1
<i>O. cuniculus</i>	XP_008246877.1	XP_008249440.1
<i>F. catus</i>	XP_003988050.1	XP_003998502.1
<i>S. scrofa</i>	XP_003482366.1	XP_003124363.2
<i>M. putorius furo</i>	XP_004796722.1	XP_004775015.1
<i>O. orca</i>	XP_004262466.1	XP_004269089.1
<i>S. harrisii</i>	XP_003756583.1	XP_003761538.1
<i>S. canaria</i>	XP_009099981.1	XP_009090096.1
<i>H. leucocephalus</i>	XP_010582268.1	XP_010568535.1
<i>P. crispus</i>	XP_009481196.1	XP_009476684.1
<i>G. gallus</i>	XP_421376.4	E1BZR9.1
<i>M. undulatus</i>	XP_005149617.1	XP_005145341.1
<i>P. reticulata</i>	XP_008396922.1	XP_008436384.1
<i>D. rerio</i>	XP_005158848.1	XP_002661342.3
<i>C. picta bellii</i>	XP_008166397.1	XP_008162871.1
<i>X. tropicalis</i>	XP_002936632.2	NP_001107288.1
<i>P. bivittatus</i>	XP_007435199.1	XP_007425221.1
<i>A. mississippiensis</i>	XP_006270459.1	XP_006265339.1
<i>L. chalumnae</i>	XP_006010486.1	XP_006000845.1
<i>C. milii</i>	XP_007886502.1	XP_007891753.1
<i>S. purpuratus</i>		XP_796102.3
<i>S. kowalevskii</i>		XP_006811775.1
<i>T. canis</i>		KHN83943.1
<i>D. melanogaster</i>		AAF49038.2