

**Table S1.** PCR primers ROPK and stage specific primers.

<b>Accession No.</b>	<b>Gene Symbol</b>		<b>Primer sequence (5'-3')</b>	<b>Title 1</b>	<b>Title 2</b>	<b>Title 3</b>
ETH_00000075	<i>Etrop75</i>	F	GACTCTTGGTGCCTCTGTTTAC	entry 1	data	data
		R	TCTCCCACGAGCTCCTCATA	entry 2	data	data <sup>1</sup>
ETH_00000080	<i>Etrop80</i>	F	TACGGTGCTTGCCCTAACAG			
		R	CTGTCCCTTGTGCTGGTCTT			
ETH_00002510	<i>Etrop2510</i>	F	GCTGGGAATGACAATTCGGC			
		R	CCCTCGGTTTCTCGATCCTG			
ETH_00005170	<i>Etrop5170</i>	F	GGCCAAGTGTTCCTTAACGC			
		R	CGACTCTCACTGCTTGCTGA			
ETH_00005190	<i>Etrop5190</i>	F	GGTCGCAAAGACTGCCAAGA			
		R	CCATAGGGCGTCTGAACTGT			
ETH_00005335	<i>Etrop5335</i>	F	CCTTTGGAGGCGAAGTGCTA			
		R	GTCAGCCCTCATGAAGCAGT			
ETH_00005400	<i>Etrop5400</i>	F	CACCTGTGAAGACGCTGAAC			
		R	GCAGATCCATAATCAACGACCG			
ETH_00005405	<i>Etrop5405</i>	F	GGGCTTGGGTGTTTGTCTATAC			
		R	CCTTCATAAACGAGAAGACGGATG			
ETH_00005410	<i>Etrop5410</i>	F	GGAGTAAGTTGGCAGTCGCT			
		R	GCATCCAGTCTCTCGTCTCTG			
ETH_00005415	<i>Etrop5415</i>	F	TATGGACTGGGCGGTGACTT			
		R	GCGGATACTCTTGCCGATGT			
ETH_00005840	<i>Etrop5840</i>	F	GCAAACCTCTCATGTTTCCCC			
		R	CGAGTAAAACCTGGCGAAGAGC			
ETH_00005905	<i>Etrop5905</i>	F	ACGGCGAGTACCAAGTCTTC			
		R	GTCCGTCATGTGGCGAATCA			
ETH_00014495	<i>Etrop14495</i>	F	CCTCAGCAGCGAAGCAATAG			
		R	GGTTTGTGGGAGAAAAGAGGC			
ETH_00016910	<i>Etrop16910</i>	F	ACAGCAGCACTGGAGAAACT			
		R	CTTGAAGAGTCCAGCGGTCT			
ETH_00020585	<i>Etrop20585</i>	F	AAAGGTCCGTTCAGATGTGCT			
		R	TGCCGTGAGTCTGGGAACT			
ETH_00020590	<i>Etrop20590</i>	F	GTGGGGAACGGAGACGAAAT			
		R	CCAAACACCGCAAGATGAGC			
ETH_00020610	<i>Etrop20610</i>	F	CAAGACCCGGACTGAAACGA			
		R	GGGAAGTTACCAAGACGGGG			
ETH_00020615	<i>Etrop20615</i>	F	ACCTGGACAGAACGGAGAAT			
		R	CTCTAATAGCCGCAGAATCACC			
ETH_00020620	<i>Etrop20620</i>	F	GAAGGGAGCACATTTGGGGA			
		R	CCGAAATGGCACGTTGTGAG			
ETH_00021185	<i>Etrop21185</i>	F	GTGGTACGAAATGGAGGACTC			
		R	CCTGTTGACTCTTTCGGGC			
ETH_00026495	<i>Etrop26495</i>	F	GGCTTCCTGCACAGAGACTT			
		R	CTTGGGCGAAAAGGCACAA			
ETH_00027695	<i>Etrop27695</i>	F	CGTTTGTGGAGCCGTCATC			
		R	ATAGCACCTGTTCCCTCAG			
ETH_00027700	<i>Etrop27700</i>	F	CTAAAGGAGCACGGGGTGTGTC			
		R	ACGGGAAAGTGGGGTACTT			
ETH_00027705	<i>Etrop27705</i>	F	TTGCTGACGTGGTATTGCAG			
		R	CGGCTTTCGTAGGTAGTTCG			
ETH_00028765	<i>Etrop28765</i>	F	CATTGGCCCGCGTATTATGC			
		R	CTTCTTTGCCACATTCCGC			
ETH_00028835	<i>Etrop28835</i>	F	GCGTCTAGAATCCGATACGAC			
		R	CCATCTCAGTGGCACTTCAG			
ETH_00028855	<i>Etrop28855</i>	F	GATCAAGCAAGCAGGTTAACGTC			
		R	GCCAAAAGCAATTCAGAAAGCGC			

ETH_00007745	<i>Etama1</i>	F	TGGGGAACGACAAAGAGGTG
		R	TCCGAATCCAGGGGCTGATA
ETH_00010755	<i>Etsag3</i>	F	CCAGACAAAGGGCTCTCAACA
		R	CAATCTTCCGCCACACCTCT
ETH_00007320	<i>Etgam56</i>	F	GACGGAGCCAACGAACTGAT
		R	ATGGGGGTGGTCTCTTCCTT
EF210326	<i>Et18s (E. tenella)</i>	F	CTATGGGTGGTGGTGCATGG
		R	CCGCAGAGTTACCGACCCTA
ETH_00009555	<i>Etactin (E. tenella)</i>	F	GAAGAGATGAAGAATGCTGAGG
		R	GATGGATACCCGATGCCTC

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