

Table S1: Primers

Primers Used For Genotyping		
A17 Allele Primers		
F	5' CACCTACCGGGTTTAGAGAATTTGGCAC 3'	
R	5' ATAACTTCGTATAATGTATGCTATACGAAGTTATTTCGAAAG 3'	
Floxed Allele Primers		
F	5' GGACGACGGCAACTACAAGA 3'	
R	5' CTCGATGTTGTGGCGGATCT 3'	
A17/WT Primers		
F	5' GACTGACTAATGAATCCTCGGCG 3'	
R	5' CTCAACCAGTCCCGGCTCTC 3'	
KO genotyping primers		
F	5' GAGAGCAAGGTTACCTGTCGCAC 3'	
F	5' GGAAGACTGCAGCGTGGCAGAAG 3'	
R	5' TAAATGAGACAAAGGAAGGCACAAGACTATC 3'	

Primers Used For qPCR		
<i>Pabpn1</i>	QIAGEN #	PPM25445A
<i>18S rRNA</i>	QIAGEN #	PPM57735E
<i>Gapdh</i>	QIAGEN #	PPM02946E
<i>Hprt</i>	QIAGEN #	PPM03559F
<i>Ddit4l</i> Coding Sequence Primers		
F	5' GAGGGAAACAGAGCCGTTGA 3'	
R	5' GTGATAGCCACCGTCCAACA 3'	
<i>Ddit4l</i> Distal Primers		
F	5' ACTACCAGCTTCCTCCCTGA 3'	
R	5' AAGGTGATGTTTTAATCCAGCGG 3'	
<i>Slc25a4</i> Coding Sequence Primers		
F	5' GGTACTTCCCCTCAAGCC 3'	
R	5' AGCAAAGTAGCGCCAGAACT 3'	
<i>Slc25a4</i> Distal Primers		
F	5' AGATTCCCACAGAAAACAGGCT 3'	
R	5' GTCACACTGAGTTACTTTTCAGCA 3'	
<i>Mcts1</i> Coding Sequence Primers		
F	5' TCGTGCTGGACCCTTCCTAA 3'	
R	5' GGTGAAAGGGGCGACGATAG 3'	
<i>Mcts1</i> Distal Primers		
F	5' TCGTGCTGGACCCTTCCTAA 3'	
R	5' GGTGAAAGGGGCGACGATAG 3'	
Dio3 Primers (39)		
F	5' GGAGGTTGTCCGACCTGAT 3'	
R	GTCCTTGTGCGTAGTCGAG	
mtCox1 Primers (39)		
F	5' TCTCCCTCTCTACGCATTCTA 3'	
R	5' ACGGATTGGAAGTTCTATTGGC 3'	
mtCox3 Primers (39)		
F	5' TAGCCTCGTACCAACACATGA 3'	
R	5' AGTGGTGAAATTCCTGTTGGA 3'	