Table S3. DNA sequence flanking deletions in RT-PCR products

No.	5′ sequence	del	3′ sequence
from Kanadia and Cepko (2010)			
ECO	... ACTGACTGCAC|GTGAGTCGCTCCGTC	[639]	TGTTTTGTAG|GTTTCATGAGTGGACATC ...
InC	... CCCTCCGGCGGGAGCT|CGCGGCGCGC	[71]	|CGCGGCGCGCAGGCGTCTGGCGGCCAAC ...
E12P20	... TCGCGGCGCGCCCCCGT|GCGCGGGCG	[85]	|GCGCGAGCGGCGCCGCATGCAGGGGCTG ...
32	... TCGCGGCGCGCCCCCG|TGCGCGGGCG	[134]	|TGCGCAGGGTGGTGCCGCAGTGGGGCCA ...
9	... GGCCCTCCGGCGGGAGCTCGC|GGCGC	[122]	GG|GGCTGAACACGGCGTTCGACCGGCTG ...
from E14.5 retina RT-PCR (≤2X MasterAmp™, 40 cycles)			
1	... AAGTCGGCCTGCAAACCCCAC|GGCCC	[70]	|GGCCCGGGCGGCTGGAGAGCGCGGCGCG ...
2*	... ATGAAGTCGGCCTGCAA|ACCCCACG	[235]	CTGCAG|ATGGCGCTCAGCTACATCATCG ...
from RT-PCR of IVT RNA (≤2X MasterAmp™)			
3	... CGTGGATGAAGTCGGCCTG|CAAACC	[746]	|TAATCCTAGCGTCATTCAGGAGGTGGA ...
4	... GAAAGGCTTTCTAT|CCCCGACCCCCC	[605]	|CCCCTACCTCCCTTTCCCGGGTGCTAG ...
5	... CTCCGGCGGGAGCTC|GCGGCGCGCC	[106]	|GCGGCGCCGCATGCAGGGGCTGAACAC ...
6	... CTCCGGCGGGAGCTC|GCGGCGCGCC	[106]	|GCGGCGCCGCATGCAGGGGCTGAACAC ...
7	... CTCCGGCGGGAGCTC|GCGGCGCGCC	[70]	|CGCGGCGCGCAGGCGTCTGGCGGCCAA ...
8	... CGCGCCCCCGTGCGCGG|GCGCAGCC	[85]	GCGCGA|GCGGCGCCGCATGCAGGGGCT ...
9	... CTCGCGGCGCGCCCCCG|TGCGCGGGC	[103]	|TGCAGGGGCTGAACACGGCGTTCGACC ...
10	... CCCCACGGCCCTCCGGCGG|GAGCTCG	[110]	GCGC|GAGCGGCGCCGCATGCAGGGGCT ...
11	... CCCTCCGGCGGGAGCT|CGCGGCGCGC	[71]	|CGCGGCGCGCAGGCGTCTGGCGGCCAA ...
12	... TGCAAACCCCACGGCCCT|CCGGCGGG	[155]	|CCGGCTGCGCAGGGTGGTGCCGCAGTG ...

Spurious RT-PCR products are numbered to match Figure 5. The highlighted text shows areas of micro-homology, which can promote RT template switching. The size of the deletion [bp] and breakpoints (|) are indicated.

***Product is likely due to mis-priming of LP6.**