### Table: Sequences of the 3' end of the cloning primers used for constructing the ZED constructs, the 5' end of CRISPR/Cas9 RNA guides used to create the germ-line and somatic deletions and the PCR primers used to detect the deletions.

<table>
<thead>
<tr>
<th>Sequence</th>
<th>ZED Cloning primers</th>
<th>CRISPR/Cas9 germline deletion guides</th>
<th>CRISPR/Cas9 somatic deletion guides</th>
<th>Genotyping primers</th>
</tr>
</thead>
</table>
| aA       | Forward: 5'-AGAGCGTTATGTGAAAACAACAGC-3'  
Reverse: 5'-TGGGTCTAGGAGCGGAGGAT-3'  
5'-GGAGGAGACAATTTTTTTATG-3'  
5'-GGATACATCGGTGCCGCTTTAG-3'  
5'-TCTTTTAGGGCGCTGTGTGT-3'  
5'-CACTGGAATCTGCGTGTAGG-3'  
5'-TGTGCTGACAGAAGAAGAGC-3'  
5'-AAATGCAGAGTAAAACAATT-3' | Forward: 5'-CTTGTTACCTTTTATGAGGC-3'  
5'-GGAGAGGAAAAAACAAACAG-3'  
5'-CGAGAGACGAGAGGTTTGA-3'  
5'-ACCAGGACAGACGACGACG-3'  
5'-ACGGACAACAGGAAGCTATG-3'  
5'-ACGGACAACAGGAAGCTATG-3'  
5'-ACGGACAACAGGAAGCTATG-3'  
5'-ACGGACAACAGGAAGCTATG-3' | Forward: 5'-GTGTGGGAAGCAAATTATAGA-3'  
5'-GGGTTAGGTGTACACATTCATA-3' | NA |
| aB       | Forward: 5'-GGTAAAATCTCCCACCATCGA-3'  
Reverse: 5'-CACCGCCGAAAAACAATAGCG-3'  
5'-GATAAAGGGGGAGTTTAC-3'  
5'-GGACCACTTCAAACATTGTT-3' | NA | NA | NA |
| aC       | Forward: 5'-GGGATAAAGGTAAAGTCAGAGCT-3'  
Reverse: 5'-TGGGTCATTAGGGGGATTGTG-3'  
5'-GGCCTTTGTGTCTTCACCCC-3'  
5'-GGAATAAAAGAATAGGTAGA-3'  
5'-CCGGGCCCTGCAGGTGGTAT-3'  
5'-CTCCGTGATTAATCATCATT-3'  
5'-ACCAGCATTATGGCTGTGTC-3'  
5'-GGCCAGCGGTGGTCAGTGGG-3' | Forward: 5'-ACTCCAACCGCTGGGTTAAA-3'  
5'-CACGCTCTGGTTTCCTCCAA-3' | NA | NA | NA |
| aD       | Forward: 5'-CTTTCCAAATACGCAGCGG-3'  
Reverse: 5'-GCAAGCTGTTTTAAGTCAGGTTAAC-3'  
5'-ACCCTCATCTAAATTTTTGT-3'  
5'-TGTTGTTGCGGAGTCTCCCA-3'  
5'-TGTTCTTTTAACCGAGTAGG-3'  
5'-TTTTCTTAGTGATTTTGTGT-3'  
5'-ACCCTCATCTAAATTTTTGT-3'  
5'-TGTTGTTGCGGAGTCTCCCA-3'  
5'-TGTTCTTTTAACCGAGTAGG-3'  
5'-TTTTCTTAGTGATTTTGTGT-3' | Forward: 5'-CATGGAATCTATTTTCTTTCCC-3'  
5'-GCTAGCGAAACTTATACAATG-3' | NA | NA | NA |
| aE       | Forward: 5'-CACGTTTTTACGCAGCGG-3'  
Reverse: 5'-TTGAGAGTGATCTGGCTC-3'  
5'-TAGCTGCAAGTGTGGTCTTT-3'  
5'-AACCCAATGCTTATAATTCT-3'  
5'-CCTTCTTTCATTTGTGGGGG-3'  
5'-GCAAACATTTTTGCATCTGT-3'  
5'-ATTCAGTGGCTGCCATGTGT-3' | Forward: 5'-CGCAACCCATCTCTGGGAAT-3'  
5'-GCTAGCGAAACTTATACAATG-3' | NA | NA | NA |
| aF       | Forward: 5'-GATTCATCACTCCAACCTTTTC-3'  
Reverse: 5'-ACCACAGTACGACGGTAGAG-3'  
5'-TTGCATATCACTAAAGACAA-3'  
5'-GATATGACAATGACAATATG-3'  
5'-CTTGATCCTCAACAATAACA-3'  
5'-TGCTAGCTGGGCTATTTCACAC-3'  
5'-CGCAACCCATCTCTGGGAAT-3'  
5'-GCTAGCGAAACTTATACAATG-3' | Forward: 5'-TGCTAGCTGGGCTATTTCACAC-3'  
5'-CGCAACCCATCTCTGGGAAT-3'  
5'-GCTAGCGAAACTTATACAATG-3'  
5'-TGCTAGCTGGGCTATTTCACAC-3'  
5'-CGCAACCCATCTCTGGGAAT-3'  
5'-GCTAGCGAAACTTATACAATG-3' | NA | NA | NA |

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