

**Table S1 GENESDEV/2017/311084\_Mendez-Dorantes**

**Table S1: Shown are sgRNA sequences, and surveyor primers used in this study**

<b>Target</b>	<b>sgRNA in px330</b>	<b>Surveyor P1</b>	<b>Surveyor P2</b>
<i>hyg</i> gene	5'gcggcgcagctatttaccgc		
<i>Ku70</i> gene	5'gccatgggggtcgtcttcat		
<i>53bp1</i> gene	5'gtgcaagacatggccatgagg		
5'268	5'gccataggcgtgggacctcgt	5'gcctgacaggtaaggacagg	5'gagaggtagatccccaac
16 bp	5'gatcagaagcttagggataac	5'gcctgaagaacgagatcagc	5'ccggtaggcagaggaagta
3.3 kbp	5'gcccgcaccgacacctgg	5'ccaccgcagctctgagtc	5'cagagtagaccgagccgaag
9.1 kbp	5'gatgtttggattglatggcca	5'cttgccaccttcttgaacc	5'aaacaggaaggtgaggatgg
19 kbp	5'gtcctgcatagccttgatg	5'cagcgaacaggtcggttaat	5'atcacttgctcaagcacag
28.4 kbp	5'ggaagctaacgacactaacg	5'ggctcccctgtcctgatatt	5'cacaactgcgagagcacttc