

Supplementary Table

1. Full length KIBRA primers:	
Forward primer:	5'- GCTAGCCGCACCACCAGCTGGATC -3'
Reverse primer:	5'-pGGCGGCCGCTTAGACGTCATCTGCAGA
2.KIBRA - mCherry:	
LIC vKoz Forward tag	5'-TACTTCCAATCCAATGCCACCATGCCCCGGCCGGA -3'
LIC vGFP Reverse tag	5'-CTCCCACTACCAATGCCGACGTCATCTGCAGA -3'
3. SnaB1- KIBRA- mCherry:	
Forward primer:	5'-TACGTACGCACCACCAGCTG -3'
Reverse primer:	5'-TACGTACTTGTACAGCTCGTCCATGCCGCCGGTG-3'
4. KIBRA – T1003 A SDM primer:	
Forward primer:	5'-GGCACGCCCAATTGACCCAGGAGATCTC-3'
Reverse primer:	5'-CTCCTGGGTCAATTGGGCGTGCCAGGTTC-3'
5. KIBRA-T1006A SDM Primer:	
Forward primer:	5'-GCCAATTGGCCCAGGAGATCTCGGTGCTGAAG-3'
Reverse primer:	5'-CTCCTGGGCCAATTGGCTGTGCCAGGTTC-3'
6.KIBRA-T1006E SDM primer	
Forward primer:	5'-CCTGGCACAGCCAATTGGAGCAGGAGATCTCGGTGCT-3'
Reverse primer:	5'-AGCACCGAGATCTCCTGCTCCAATTGGCTGTGCCAGG-3'
7. Guide RNA sequence:	
Guide 1	
Forward primer:	5'- CACCGGGCGCGCGACTTTCGACGGCAAGG-3'
Reverse primer:	3'- CCCGCGCGCTGAAGCTGCCGTTCCCAA-5'
Guide 2	
Forward primer:	5'- CACCGGAGGAGGCGCGCGACTTTCGACGG-3'
Reverse primer:	3'-CCTCCTCCGCGCGCTGAAGCTGCCCAA-5'
Guide 3	
Forward primer:	5'- CACCGTGATGAGTTGCCGCTAGGATGGG - 3'
Reverse primer:	3'-CACTACTCAACGGCGATCCTACCC CAAA-5'