**S4 Table.** Primer pairs for CRISPR/Cas9 in zebrafish are shown. Splice blocking together with standard control morpholino oligo are shown together with primers for detection of splice-blocked variant.

|  |  |
| --- | --- |
| **Gene** | **Primer sequence** |
| Dr\_*ninj1*\_flanking-exon1\_forward | 5'-GAAAGATCCGACTCTCAAAGAACG-3' |
| Dr\_*ninj1*\_flanking-exon1\_reverse | 5'-CCGCAGCTTATCCGTGAAATAC-3' |
| Dr\_CRISPR- exon1\_Fw | 5'-GAAATTAATACGACTCACTATAGGAATGGAGGTG  TAAACCGAGTTTTAGAGCTAGAAATAGC-3' |
| Dr\_sgRNA\_R | 5'-AAAAGCACCGACTCGGTGCCACTTTTTCAAGTT  GATAACGGACTAGCCTTATTTTAACTTGCTATTTCTAGCTCTAAAAC-3' |
| MO-*ninj1*-e2i2 | 5'-AGGAGAGCTGGTCTCACCTATGAA-3' |
| MO-standard control | 5'-CCTCTTACCTCAGTTACAATTTATA-3' |
| Dr\_*ninj1*\_exon2\_forward | 5'-CAACAAGAAGAGTGCAGCGGA-3' |
| Dr\_*ninj1*\_exon3\_reverse | 5'-ACGATGAAGACGAGAGCGGTG-3' |

*ninj1* indicates Ninjurin1; Dr, Danio rerio.