

Supplementary Table S1 *ADAR1* primer sequences

| Exon | Primer name | Sequence |
|-------------------|--------------------|--------------------------|
| Exon 1 001 (p150) | adar001E1F | AGCGGAGGGGTTTCGACTT |
| | adar001E1R | ACACTCACAAGACGCACACG |
| Exon 1 201 (p110) | adar201E1F | ACAGCGGCATTAACACAACG |
| | adar201E1R | CAACGCCAGAGACTGGAGAG |
| Exon 2 | adar1E2aF | TCACCCTAGCCAAGTCATAAGC |
| | adar1E2aR | GGACACCCCTGATGTCCACT |
| | adar1E2bF | CACCTTCCCTCCCAGGACT |
| | adar1E2bR | GTCTTCCGGTTCCAAACTCG |
| | adar1E2cF | CGCGGTCTCCACTCAGGCTTGG |
| | adar1E2cR | CCCTGCCTTTCCATGTCAAT |
| | adar1E2dF | CTCCTCTGCCCTGAATTTGG |
| | adar1E2dR | GAAGGAGGGCATCTCCATGA |
| | adar1E2eF | GCCACAGATGACATCCCAGA |
| | adar1E2eR | AATCAGCCAAGACTGCGTCA |
| Exon 3 | adar1E3F | AAAGCCCCTTAGCGTAGCAG |
| | adar1E3R | TTGCCTCAAGGGAGTCAGTT |
| Exon 4 | adar1E4F | CCTTGACAGGTGGTGGGAAT |
| | adar1E4R | CCTGAGGAGGCAAGGAAGAA |
| Exon 5 | adar1E5F | TGACTGCACAGAGGTGATGTG |
| | adar1E5R | TGAGGGAGTCACTGGCAATC |
| Exon 6 | adar1E6F | TGAGTGGTTTAAGATTGCCAGTG |
| | adar1E6R | ACAGACCATCCCCAACTGGT |
| Exon 7 | adar1E7F | ACTGGCCACATCTTCAGCAA |
| | adar1E7R | ACTCGCATGACAGCAAGAGC |
| Exon 8 | adar1E8F | GATGACTCACACGACAAGTAGAGC |
| | adar1E8R | GACTCCAGGGGAGGATGAGA |
| Exon 9 | adar1E9F | TGAGGCTGTTTCTGCCTTGA |
| | adar1E9R | GATTCAGAGGCCGTGTCAGA |
| Exon 10 | adar1E10F | TGTGAAACGTCTGCAACATTGA |
| | adar1E10R | ACAGGCCAGGAGAGCATTG |
| Exon 11 | adar1E11F | GCTGTCCACCTCCAGTCTCC |
| | adar1E11R | TCTGTGCCAGTGACTAATGG |
| Exon 12 | adar1E12F | GGCCCAAGCTTAAGGAGGAT |
| | adar1E12R | CCTGGCAATAAAGCATGCAG |
| Exon 13 | adar1E13F | CTCCAAAATCCCCACATGCT |
| | adar1E13R | GCTACCACTGTGGGCAATGT |
| Exon 14 | adar1E14F | TCATGACCCCACACTTCCTC |
| | adar1E14R | GCCCTGAGACTGCAGAGGTA |
| Exon 15 | adar1E15aF | GACTTGCAAGGGTGCATCA |
| | adar1E15aR | ATCCCCTGACCATGTGATGA |