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| --- | --- |
| Purpose | Forward (F) or reverse (R) primers |
| Name | Sequence (5’-3’) |
| PCR (cloning, minigene preparation) | MAP3K1 Ex3 InFus BamHI-F  | AAGAAGTGCAGGATCCCAAAATTGTAAGGGAGGAGGTTGC |
| MAP3K1 Ex3 InFus MluI-R | TCAAAACAAGACGCGTCAGTAGCTTTACCCACCACTGC |
| NOTCH3.Ex32.InFus.BglII-F  | AAGAAGTGCAGGATCTGCACAGAGTCATTTTGCAGATTTG |
| NOTCH3.Ex32.InFus.Mlu-R  | TCAAAACAAGACGCGTACACCCAGCCATTAGGCAC |
| Sequencing of minigene inserts | pCAS-Seq-F | GGGTCAATAGCAGTGAGAGG |
| pCAS-Seq-R | GCTCCATTTCACAGGTAGAGA |
| RT-PCR and/or sequencing of RT-PCR products | pCAS-KO1-F  | TGACGTCGCCGCCCATCAC |
| 6FAM-pCAS-KO1-F (5’-fluo) | TGACGTCGCCGCCCATCAC |
| pCAS-2R | ATTGGTTGTTGAGTTGGTTGTC |

Additional file 1: Table S1. Primers used in the pCAS2 minigene splicing assay. BamHI and MluI restriction sites are underlined.