



Supplemental Figure S3

42 **Supplemental Figure S3. Dose-dependent skipping effect of U1_3' and U1_Scramble.** (a) Semiquantitative RT-PCR
 43 of *RPGR* minigene transcripts in HEK-293T cells co-transfected with the *RPGR* mutant minigene (MINI mut) with
 44 different amounts of U1_3' and U1_Scramble plasmids (200, 66 and 20 ng). For each plasmid concentration, two
 45 biological replicates were analysed and are shown. M: marker (sizes in base pairs indicated by numbers on the side). NC:
 46 Negative Control (No-template control: no cDNA was included in the reaction). Lanes 1 and 2: HEK-293T cells
 47 transfected with the mutated minigene (MINI mut) and 200 ng of construct U1_3'; Lanes 3 and 4: HEK-293T cells
 48 transfected with the mutated minigene (MINI mut) and 66 ng of construct U1_3'; Lanes 5 and 6: HEK-293T cells
 49 transfected with the mutated minigene (MINI mut) and 22 ng of construct U1_3'; Lanes 7 and 8: HEK-293T cells
 50 transfected with the mutated minigene (MINI mut) and 200 ng of construct U1_Scramble ; Lanes 9 and 10: HEK-293T
 51 cells transfected with the mutated minigene (MINI mut) and 66 ng of construct U1_Scramble; Lanes 11 and 12: HEK-
 52 293T cells transfected with the mutated minigene (MINI mut) and 22 ng of construct U1_Scramble; Lanes 13 and 14:
 53 HEK-293T cells transfected only with the mutated minigene (MINI mut). NT: Non-transfected: RNA extracted from
 54 HEK-293T cells not transfected with any minigene nor U1 construct. (b) Densitometric analyses of the bands (n=2). (c)
 55 Dose-response curve of U1_3' and U1_Scramble. Only data of U1_3' dilutions fit a dose-response curve.