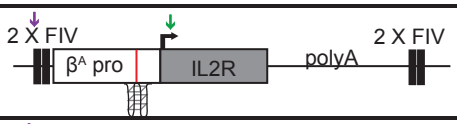
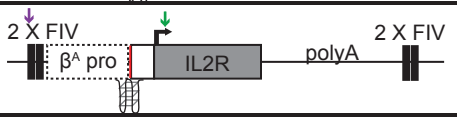
Point mutations		SNS enrichment at ↓ WT 100%
m12	GGGGGGGGGGGAGCGGG	11%
m16	GGGGGGGGGGGGGCGAG	25%
m6	GGGGGAGGGGGGGCGGG	18%
m14	GGGGGGGGGGGGGAGGG	96%
m4	GGGAGGGGGGGGGCGGG	57%
m9	GGGGGGGGAGGGGCGGG	35%

Deletions		SNS enrichment at ↓
ΔG		11%
Δ5' 1		57%
Δ5' 1+2		120%
Δ5'		62%
Δ5' 3		52%
Δ3'		13%

Inversions		SNS enrichment at ↓	↓
InvG4		42%	18%
InvG4Δ5'		122%	11%

Supplementary Figure S16 - Summary of the various mutants and the relative enrichment in SNS, as determined with primer pairs 0, 1 and 2, for the β^A origin

The green arrows indicate the site of SNS peak detection for constructs with a G4 motif in the 5' to 3' orientation (primer pairs 1 and 2). The purple arrows indicate the site of SNS peak detection for constructs with the inverted G4 motif (primer pair 0).