

## A. Structure of signal joins generated in 2BN

	12RSS	23RSS
	TTCCAGTCTGTAGCACTGTG	CACAGTGGTAGTACTCCACTGTC
(10)	TTCCAGTCTGTAGCA	CACAGTGGTAGTACTCCACTGTC
(6)	TTCCAGTCTGTAGCACTGTG	GTAGTACTCCACTGTC
(5)	TTCCAGTCTGTAG	CACAGTGGTAGTACTCCACTGTC
	TTCCAGTCTGTAGCACTGTG	CACAGTGGTAGTACTCCACTGTC
	TTCCAGTCTGTAG	GTAGTACTCCACTGTC
	TTCCAGTCTGTAGCACT	CACAGTGGTAGTACTCCACTGTC
	TTCCAGTCTGTAG	CAGTGGTAGTACTCCACTGTC
	TTCCAGTC	CACTGTC
	TTCCAGTCTGTAGCACTGT	CACAGTGGTAGTACTCCACTGTC
	TTCCAGTCTGTAGCACTGT	AGTGGTAGTACTCCACTGTC
	TTCCAGTCTGTAGCACTGT	C
	TTCCAGTCTGTAGCACTG	CAGTGGTAGTACTCCACTGTC
	TTCCAGTCTGTAGCACTG	CACAGTGGTAGTACTCCACTGTC
	TTCCAGTCTGTAG	TGGTAGTACTCCACTGTC
	TTCCAGTCT	CACAGTGGTAGTACTCCACTGTC
	TTCCAGTCTGTA	CAGTGGTAGTACTCCACTGTC

## B. Structure of coding joins generated in 1BR3neo and 2BNneo

	12Flank	N	23 Flank
	TTGGCTGCAGGTCGAC		GGATCCCCGGGGATCAGCTTGGCG (del.)
<b>1BR3neo:</b>			
(3)	TTGGCTGCAGGTCGA		TCCCCGGGGATCAGCTTGGCG (-4)
(2)	TTGGCTGCAG		ATCCCCGGGGATCAGCTTGGCG (-8)
(2)	TTGGCTGCAGGTCG		GATCCCCGGGGATCAGCTTGGCG (-3)
	TTGGCTGCAGGTCGA		GGATCCCCGGGGATCAGCTTGGCG (-1)
	TTGGCTGCAGGTCGAC		GATCCCCGGGGATCAGCTTGGCG (-1)
	TTGGCTGCAGGTCG		GGATCCCCGGGGATCAGCTTGGCG (-2)
	TTGGCTGCAGGTCGAC		ATCCCCGGGGATCAGCTTGGCG (-2)
	TTGGCTGCAGGTCGAC	G	TCCCCGGGGATCAGCTTGGCG (-4+1)
	TTGGCTGCAGGTCGAC		TCCCCGGGGATCAGCTTGGCG (-4)
	TTGGCTGCAGGT		GGATCCCCGGGGATCAGCTTGGCG (-4)
	TTGGCTGCAGGTC		ATCCCCGGGGATCAGCTTGGCG (-5)
	TTGGCTGCAGG		GGATCCCCGGGGATCAGCTTGGCG (-5)
	TTGGCTGCAGGT		GATCCCCGGGGATCAGCTTGGCG (-5)
	TTGGCTGCAGG		GATCCCCGGGGATCAGCTTGGCG (-6)
	TTGGCTGCAGGT		CCCCGGGGATCAGCTTGGCG (-8)
<b>2BNneo:</b>			
(11)	TTGGCTGCAGGTC		CCCCGGGGATCAGCTTGGCG (-8)
(5)	TTGGCTGCAGGTCGAC		CCCCGGGGATCAGCTTGGCG (-4)
(5)	TTGGCTGCAGGTCGA		TCCCCGGGGATCAGCTTGGCG (-4)
(3)	TTGGCTGCAGGTC		GGGGATCAGCTTGGCG (-11)
(2)	TTGGCTGCAGGTC		CCCCGGGGATCAGCTTGGCG (-7)
(2)	TTGGCTGCAGGTC		AGCTTGGCG (-18)
	TTGGCTGCAGGTCGAC		TCCCCGGGGATCAGCTTGGCG (-3)
	TTGGCTGCAGGTCG		GATCCCCGGGGATCAGCTTGGCG (-3)
	TTGGCTGCAGG		ATCCCCGGGGATCAGCTTGGCG (-7)
	TTGGCTGCAGG		TCCCCGGGGATCAGCTTGGCG (-8)
	TTGGCTGCA		CCGGGGATCAGCTTGGCG (-13)
	TTGGCTGCAGGTCGA		TCAGCTTGGCG (-14)
	TTGGCTGCAG	TGT	GGATCAGCTTGGCG (-16+3)
	TTGGCTGCAGGTCGAC		TTGGCG (-18)
	TTGGCTGCAGG		CTTGGCG (-22)
	TTGGCTGCAGGTC		GCG (-24)
	TTGGC		G (-34)
	TTG		CG (-35)
	TT		G (-37)