

a

AluSx	GGCCGGGCGCGGTGGCTCACGCCTGTAATCCACGCACTTTGGGAGGCCGAGGCGGGCGGATCACCTGAGGTCAG
AluSp	.....G.
AluSz	.....
AluSg	.....
AluSq	.....T.....
AluSc	.....A
AluY	.....
AluYa5	.....
AluYa8	.....
AluYb8	.....T.....T.....
AluYb9	.....T.....T.....
AluYc1	.....
11q14.1	..T.....T.....A.....

b

AluSx	GAGTTCGAGACCAGCCTGGCCAAACATGGTGAAACCCGTCCTACTAAAAATACAAAAATTAGCCGGGCGTGG
AluSp	.....A.....A.....
AluSz	.....
AluSg	.....
AluSq	.....
AluSc	.....T.....
AluY	.....A.....A.....
AluYa5	.....T.....C.....T.....A.....C.....A.....A.....
AluYa8	.....T.....C.....T.....A.....C.....C.....A.....A.....
AluYb8	.....T.....T.....A.....A.....C.....
AluYb9	.....T.....T.....A.....A.....C.....
AluYc1	.....T.....T.....C.....A.....
11q14.1	.....-.....A.....A.....

AluSx	TGGCGCGCGCCTGTAATCCACGCTACTCGGGAGGCTGAGGCAGGAGAATCGCTTGAACCCGGGAGGCGGAGGTT
AluSp	.....AT.....
AluSz	.....
AluSg	.....
AluSq	.....G.....
AluSc	.....G.....
AluY	.....G.....G.....G.....G.....C.....
AluYa5	.....G.....G.....T.....G.....G.....C.....
AluYa8	.....G.....G.....T.....T.....G.....G.....C.....
AluYb8	.....G.....G.....G.....G.....A.....C.....
AluYb9	.....G.....G.....G.....G.....A.....C.....
AluYc1	.....A.....G.....G.....G.....G.....C.....
11q14.1	..T.....G.....G.....A.....A.....

AluSx	GCAGTGAGCCGAGATCGCGCCACT-----GCACTCCAGCCTGGGCGAC-AGAGCGAGACTCCGTCTCA
AluSp	..G.....T.....A..A.....A.....
AluSz	.....
AluSg	.....
AluSq	.....A..A.....A.....
AluSc-
AluY	.....
AluYa5	.....C.....
AluYa8	.....C.....
AluYb8	.....T.....GCAGTCC...G...G.....
AluYb9	.....T.....GCAGTCC...G...G.....
AluYc1	.....
11q14.1	.....A..A...T.....A...G.....