

Short Telomere Switchers	Switch Mechanism	BSD (S/R)	221 (+/-)	BSD (+/-)	PSD (+/-)
1A-A5	GC	R	-	+	+
1A-A7	UD	S	-	+	ND
1A-A8	GC	R	-	+	-
1A-A9	GC	R	-	+	-
1A-B10	GC	R	-	+	-
1A-B11	GC	R	-	+	-
1A-B3	GC	R	-	+	-
1A-B4	GC	R	-	+	+
1A-B5	GC	R	-	+	-
1A-B7	IS	S	+	+	ND
1A-C11	GC	R	-	+	-
1A-C12	GC	R	-	+	-
1A-C2	GC	R	-	+	-
1A-C4	GC	R	-	+	-
1A-D11	GC	R	-	+	-
1A-D3	GC	R	-	+	-
1A-D4	GC	R	-	+	-
1A-D5	GC	R	-	+	-
1A-D6	GC	R	-	+	-
1A-D7	GC	R	-	+	+
1A-D8	GC	R	-	+	-
1A-E12	GC	R	-	+	+
1A-E2	GC	R	-	+	-
1A-E3	GC	R	-	+	-
1A-E7	GC	R	-	+	-
1A-F10	GC	R	-	+	-
1A-F12	GC	R	-	+	-
1A-F3	GC	R	-	+	+
1A-F4	GC	R	-	+	-
1A-F5	GC	R	-	+	-
1A-F6	GC	R	-	+	-
1A-F7	GC	R	-	+	-
1A-F8	GC	R	-	+	-
1A-F9	GC	R	-	+	-
1A-G11	GC	R	-	+	-
1A-G2	GC	R	-	+	-
1A-G3	GC	R	-	+	-
1A-G5	GC	R	-	+	-
1A-G8	GC	R	-	+	-
1A-H10	GC	R	-	+	-

1A-H11	GC	R	-	+	-
1A-H3	GC	R	-	+	-
1A-H4	GC	R	-	+	+
1A-H5	GC	R	-	+	-
1A-H7	GC	R	-	+	-
1B-A3	GC	R	-	+	-
1B-A4	GC	R	-	+	+
1B-D9	GC	R	-	+	-
1B-E1	GC	R	-	+	-
1B-F3	GC	R	-	+	-
3A-A5	TE	R	+	+	ND
3A-A8	GC	R	-	+	-
3A-B8	GC	R	-	+	-
3A-C10	GC	R	-	+	-
3A-C11	GC	R	-	+	-
3A-D1	IS	S	+	+	ND
3A-D10	GC	R	-	+	-
3A-D2	GC	R	-	+	-
3A-D9	GC	R	-	+	-
3A-E11	GC	R	-	+	-
3A-E6	GC	R	-	+	-
3A-G6	GC	R	-	+	-
3B-F6	GC	R	-	+	-
3B-H3	GC	R	-	+	-
3B-H9	GC	R	-	+	-
3C-D2	UD	S	-	+	ND
4A-B10	GC	R	-	+	-
4A-B11	ES GC	S	-	-	-
4A-B6	IS	S	+	+	ND
4A-C9	UD	S	-	+	ND
4A-D7	UD	S	-	+	ND
4A-D8	GC	R	-	+	-
4A-E7	GC	R	-	+	-
4A-F10	UD	S	-	+	ND
4A-F8	IS	S	+	+	ND
4A-G12	IS	S	+	+	ND
4A-G3	IS	S	+	+	ND
4A-G5	GC	R	-	+	+
4A-G8	GC	R	-	+	-
4A-H8	UD	S	-	+	ND
4B-H5	GC	R	-	+	+
5A-A11	GC	R	-	+	-
5A-A12	GC	R	-	+	-

5A-A2	GC	R	-	+	-
5A-A4	GC	R	-	+	-
5A-A6	GC	R	-	+	-
5A-A7	GC	R	-	+	-
5A-A8	GC	R	-	+	-
5A-A9	GC	R	-	+	-
5A-B1	GC	R	-	+	-
5A-B10	GC	R	-	+	-
5A-B11	GC	R	-	+	-
5A-B12	GC	R	-	+	-
5A-B2	GC	R	-	+	-
5A-B4	GC	R	-	+	-
5A-B5	GC	R	-	+	-
5A-B7	GC	R	-	+	-
5A-B9	GC	R	-	+	-
5A-C1	GC	R	-	+	-
5A-C10	GC	R	-	+	-
5A-C11	GC	R	-	+	-
5A-C12	GC	R	-	+	-
5A-C2	GC	R	-	+	-
5A-C3	GC	R	-	+	-
5A-C6	GC	R	-	+	-
5A-C8	GC	R	-	+	-
5A-D1	GC	R	-	+	-
5A-D11	GC	R	-	+	-
5A-D12	GC	R	-	+	-
5A-D2	GC	R	-	+	-
5A-D4	GC	R	-	+	-
5A-D6	GC	R	-	+	-
5A-D8	GC	R	-	+	-
5A-D9	GC	R	-	+	-
5A-E1	GC	R	-	+	-
5A-E2	GC	R	-	+	-
5A-E3	GC	R	-	+	-
5A-E4	GC	R	-	+	-
5A-E5	GC	R	-	+	-
5A-E6	GC	R	-	+	-
5A-E7	GC	R	-	+	-
5A-E8	GC	R	-	+	-
5A-F1	GC	R	-	+	-
5A-F10	GC	R	-	+	-
5A-F11	GC	R	-	+	-
5A-F12	GC	R	-	+	-

5A-F2	GC	R	-	+	-
5A-F3	GC	R	-	+	-
5A-F4	GC	R	-	+	-
5A-F5	GC	R	-	+	-
5A-F6	GC	R	-	+	-
5A-F7	GC	R	-	+	-
5A-F8	GC	R	-	+	-
5A-F9	GC	R	-	+	-
5A-G1	GC	R	-	+	-
5A-G10	GC	R	-	+	-
5A-G11	GC	R	-	+	-
5A-G12	GC	R	-	+	-
5A-G2	GC	R	-	+	-
5A-G3	GC	R	-	+	-
5A-G4	GC	R	-	+	-
5A-G5	GC	R	-	+	-
5A-G6	GC	R	-	+	-
5A-G8	GC	R	-	+	-
5A-G9	GC	R	-	+	-
5A-H10	GC	R	-	+	-
5A-H2	GC	R	-	+	-
5A-H3	GC	R	-	+	-
5A-H5	GC	R	-	+	-
5A-H6	GC	R	-	+	-
5A-H7	GC	R	-	+	-
5A-H8	GC	R	-	+	-
5B-A2	GC	R	-	+	-
5B-A3	GC	R	-	+	-
5B-B7	GC	R	-	+	-
5B-C2	GC	R	-	+	-
5B-C6	GC	R	-	+	-
5B-D10	GC	R	-	+	-
5B-D6	GC	R	-	+	-
5B-E6	GC	R	-	+	-
5B-F6	UD	S	-	+	ND
5B-G5	GC	R	-	+	-
5B-H12	GC	R	-	+	-
5C-A5	GC	R	-	+	-
5C-F12	GC	R	-	+	-
5C-F4	GC	R	-	+	-
5C-G11	GC	R	-	+	-
7A-A12	ES GC	S	-	-	-
7A-A4	IS	S	+	+	ND

7A-A8	IS	S	+	+	ND
7A-B6	IS	S	+	+	ND
7A-B7	GC	R	-	+	+
7A-B9	GC	R	-	+	+
7A-D12	TE	R	+	+	ND
7A-D7	GC	R	-	+	+
7A-E12	GC	R	-	+	+
7A-E2	ES GC	S	-	-	-
7A-F10	IS	S	+	+	ND
7A-F12	GC	R	-	+	+
7A-F4	GC	R	-	+	+
7A-H11	GC	R	-	+	+
7A-H3	GC	R	-	+	+
7A-H5	IS	S	+	+	ND
7B-A7	IS	S	+	+	ND
7B-D7	GC	R	-	+	-
7B-H7	GC	R	-	+	-
8A-C10	GC	R	-	+	-
8A-D8	IS	S	+	+	+

KEY

221=	VSG427-2
BSD=	Blasticidin
PSD=	Pseudogene
R=	Resistant
S=	Sensitive
+=	Present in Genome
-=	Absent from Genome
GC=	Duplicative Gene Conversion
IS=	In Situ/Transcriptional
TE=	Telomere Exchange
ES GC=	Expression Site GC
UD=	Undetermined