

WT Telomere Switchers	Switch Mechanism	HYG (R/S)	221 (+/-)	HYG (+/-)	PSD (+/-)
1-1B-A12	GC	R	-	+	-
1-2A-A1	GC	R	-	+	+
1-2A-A10	GC	R	-	+	+
1-2A-A12	GC	R	-	+	-
1-2A-D6	UD	S	-	+	ND
1-2A-E2	GC	R	-	+	+
1-2A-E9	UD	S	-	+	ND
1-2A-F11	TE	R	+	+	ND
1-2A-G2	GC	R	-	+	+
1-2A-G7	IS	S	+	+	ND
1-2A-H1	TE	R	+	+	ND
1-2A-H8	GC	R	-	+	+
1-2B-A11	GC	R	-	+	+
1-2B-B8	ES GC	S	-	-	-
1-2B-D1	TE	R	+	+	ND
1-4B-B1	GC	R	-	+	-
1-4B-D10	GC	R	-	+	-
1-4B-E2	GC	R	-	+	-
1-4B-E7	IS	S	+	+	ND
1-4B-H10	TE	R	+	+	ND
1-4C-A11	TE	R	+	+	ND
1-4C-A2	IS	S	+	+	ND
1-4C-D1	GC	R	-	+	+
1-4C-F6	IS	S	+	+	ND
1-4C-H9	IS	S	+	+	ND
1-6B-B5	TE	R	+	+	ND
1-6B-B7	TE	R	+	+	ND
1-6B-D1	IS	S	+	+	ND
1-6B-D11	TE	R	+	+	ND
1-6B-E1	IS	S	+	+	ND
1-6B-E7	IS	S	+	+	ND
1-6B-F1	TE	R	+	+	ND
1-6B-G6	TE	R	+	+	ND
1-6C-A10	TE	R	+	+	ND
1-6C-A5	IS	S	+	+	ND
1-6C-A6	IS	S	+	+	ND
1-6C-B11	IS	S	+	+	ND
1-6C-B4	IS	S	+	+	ND
1-6C-D3	UD	S	-	+	ND
1-6C-D5	TE	R	+	+	ND
1-6C-E11	TE	R	+	+	ND

1-7A-E1	TE	R	+	+	ND
1-7B-C5	TE	R	+	+	ND
2-2B-B5	GC	R	-	+	-
2-2B-E11	IS	S	+	+	ND
2-2B-H9	IS	S	+	+	ND
2-2C-C1	IS	S	+	+	ND
2-2C-C3	GC	R	-	+	+
2-2C-D10	GC	R	-	+	-
2-2C-E6	GC	R	-	+	-
2-2C-H10	GC	R	-	+	-
2-2C-H4	GC	R	-	+	-
2-3B-A10	GC	R	-	+	-
2-3B-A4	GC	R	-	+	-
2-3B-A6	IS	S	+	+	ND
2-3B-C1	IS	S	+	+	ND
2-3B-C6	ES GC	S	-	-	+
2-3B-D1	IS	S	+	+	ND
2-3B-D6	IS	S	+	+	ND
2-3B-E2	IS	S	+	+	ND
2-3B-E7	IS	S	+	+	ND
2-3B-F3	ES GC	S	-	-	-
2-3B-G4	UD	S	-	+	ND
2-3B-H4	GC	R	-	+	-
2-3C-A11	UD	S	+	-	ND
2-3C-C7	ES GC	S	-	-	-
2-3C-E7	IS	S	+	+	ND
2-3C-G7	IS	S	+	+	ND
2-3C-G9	GC	R	-	+	-
2-3C-H1	IS	S	+	+	ND
2-4A-A1	IS	S	+	+	ND
2-4A-A2	IS	S	+	+	ND
2-4A-A5	GC	R	-	+	+
2-4A-A6	TE	R	+	+	ND
2-4A-A8	TE	R	+	+	ND
2-4A-B4	IS	S	+	+	ND
2-4A-B6	IS	S	+	+	ND
2-4A-B7	ES GC	S	-	-	+
2-4A-C11	GC	R	-	+	+
2-4A-C3	IS	S	+	+	ND
2-4A-D10	IS	S	+	+	ND
2-4A-D6	TE	R	+	+	ND
2-4A-D9	IS	S	+	+	ND
2-4A-E10	TE	R	+	+	ND

2-4A-E2	IS	S	+	+	ND
2-4A-E6	IS	S	+	+	ND
2-4A-E9	GC	R	-	+	+
2-4A-F1	IS	S	+	+	ND
2-4A-F11	GC	R	-	+	+
2-4A-F5	GC	R	-	+	+
2-4A-F6	IS	S	+	+	ND
2-4A-G12	TE	R	+	+	ND
2-4A-G4	GC	R	-	+	+
2-4A-H11	IS	S	+	+	ND
2-4A-H2	GC	R	-	+	+
2-4A-H6	IS	S	+	+	ND
2-4B-A8	IS	S	+	+	ND
2-4B-B2	UD	S	-	+	ND
2-4B-C9	IS	S	+	+	ND
2-4C-A12	UD	S	-	+	ND
2-4C-B4	TE	R	+	+	ND
2-4C-C5	IS	S	+	+	ND
2-4C-D12	IS	S	+	+	ND
2-4C-D4	IS	S	+	+	ND
2-4C-F2	TE	R	+	+	ND
2-4C-G11	IS	S	+	+	ND
2-4C-G3	IS	S	+	+	ND
2-4C-H2	IS	S	+	+	ND
2-4C-H8	IS	S	+	+	ND
2-5B-A12	TE	R	+	+	ND
2-5B-A3	GC	R	-	+	+
2-5B-A5	UD	S	-	+	ND
2-5B-A6	TE	R	+	+	ND
2-5B-B12	TE	R	+	+	ND
2-5B-B5	IS	S	+	+	ND
2-5B-C10	GC	R	-	+	-
2-5B-C2	TE	R	+	+	ND
2-5B-D10	TE	R	+	+	ND
2-5B-D12	TE	R	+	+	ND
2-5B-D7	TE	R	+	+	ND
2-5B-E2	TE	R	+	+	ND
2-5B-E7	TE	R	+	+	ND
2-5B-E8	UD	R	+	-	ND
2-5B-F1	TE	R	+	+	ND
2-5B-F9	TE	R	+	+	ND
2-5B-G3	TE	R	+	+	ND
2-5B-G5	TE	R	+	+	ND

2-5B-H4	TE	R	+	+	ND
2-5C-A10	TE	R	+	+	ND
2-5C-A4	TE	R	+	+	ND
2-5C-B4	TE	R	+	+	ND
2-5C-C5	TE	R	+	+	ND
2-5C-C6	TE	R	+	+	ND
2-5C-D10	UD	S	-	+	ND
2-5C-E1	TE	R	+	+	ND
2-5C-E11	TE	R	+	+	ND
2-5C-F2	GC	R	-	+	+
2-5C-F5	TE	R	+	+	ND
2-5C-G1	TE	R	+	+	ND
2-5C-G5	TE	R	+	+	ND
2-5C-H2	TE	R	+	+	ND
2-5C-H5	TE	R	+	+	ND
2-5C-H9	GC	R	-	+	-
2-6A-A4	TE	R	+	+	ND
2-6A-A5	TE	R	+	+	ND
2-6A-B1	TE	R	+	+	ND
2-6A-B3	IS	S	+	+	ND
2-6A-C11	TE	R	+	+	ND
2-6A-D4	TE	R	+	+	ND
2-6A-D5	TE	R	+	+	ND
2-6A-D6	TE	R	+	+	ND
2-6A-E4	GC	R	-	+	-
2-6A-F5	TE	R	+	+	ND
2-6A-F9	TE	R	+	+	ND
2-6A-H3	TE	R	+	+	ND
2-6A-H6	TE	R	+	+	ND
2-6A-H8	TE	R	+	+	ND
2-6B-B1	TE	R	+	+	ND
2-6B-B10	TE	R	+	+	ND
2-6B-C2	TE	R	+	+	ND
2-6B-C6	TE	R	+	+	ND
2-6B-D9	TE	R	+	+	ND
2-6B-F12	TE	R	+	+	ND
2-6B-F7	UD	S	-	+	ND
2-6B-G1	IS	S	+	+	ND
2-6B-G10	IS	S	+	+	ND
2-6B-H10	TE	R	+	+	ND
2-6C-C4	TE	R	+	+	ND
2-7B-E5	IS	S	+	+	ND
2-7B-F9	IS	S	+	+	ND

2-7C-B10	IS	S	+	+	ND
2-8A-B9	GC	R	-	+	-
2-8A-D9	GC	R	-	+	-
2-8A-E11	UD	S	+	-	ND
2-8A-E7	IS	S	+	+	ND
2-8A-F12	IS	S	+	+	ND
2-8A-G2	IS	S	+	+	ND
2-8A-G7	GC	R	-	+	ND
2-8B-A8	IS	S	+	+	ND
2-8B-B1	IS	S	+	+	ND
2-8B-E9	TE	R	+	+	ND
2-8B-G3	GC	R	-	+	-
2-8C-A1	GC	R	-	+	-
2-8C-A3	GC	R	-	+	-
2-8C-C3	IS	S	+	+	ND
2-8C-D1	IS	S	+	+	ND
2-8C-F2	IS	S	+	+	ND
2-8C-F9	IS	S	+	+	ND
2-8C-H9	IS	S	+	+	ND

**KEY**

**221= VSG427-2**  
**HYG= Hygromycin**  
**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**