



B

*BIP1* site

Time (min)	Sc Ire1-KR(K992D,H1044D,Y1059R)	Sc Ire1-KR(K992D,Y1059R)	Sc Ire1-KR(H1044D)
0	0.0	0.0	0.0
2	0.4	0.4	0.0
5	0.7	0.7	0.0
10	0.85	0.85	0.0
30	0.9	0.9	0.0

C

*PLB1* site

Time (min)	Sc Ire1-KR(K992D,H1044D,Y1059R)	Sc Ire1-KR(K992D,Y1059R)	Sc Ire1-KR(H1044D)
0	0.0	0.0	0.0
2	0.2	0.3	0.0
5	0.5	0.6	0.0
10	0.7	0.75	0.0
30	0.8	0.9	0.0

D

*SPAC4G9.15* site

Time (min)	Sc Ire1-KR(K992D,H1044D,Y1059R)	Sc Ire1-KR(K992D,Y1059R)	Sc Ire1-KR(H1044D)
0	0.0	0.0	0.0
2	0.1	0.1	0.1
5	0.2	0.2	0.2
10	0.35	0.35	0.35
30	0.55	0.6	0.55