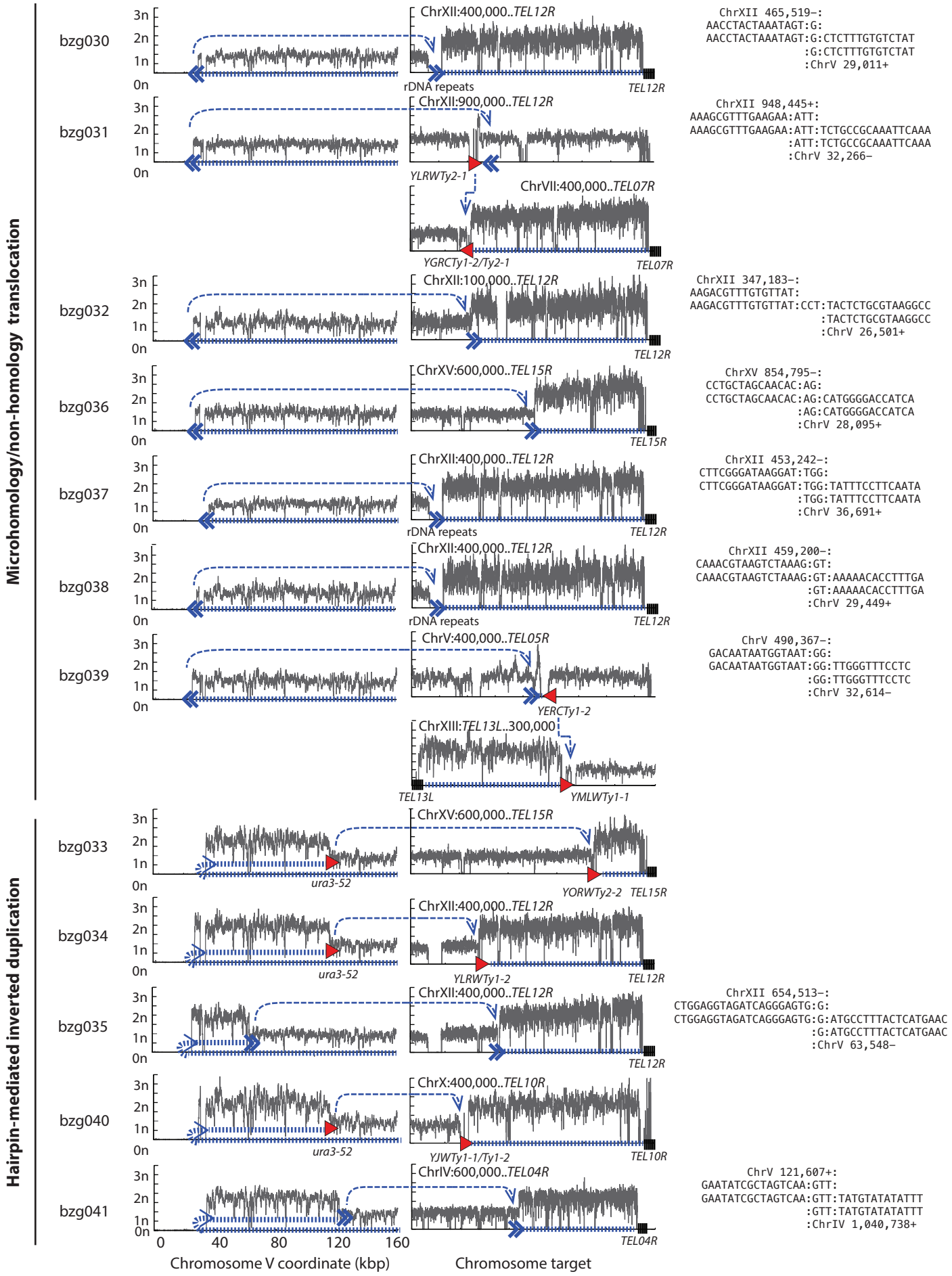
S9 Figure


Microhomology/non-homology translocation
Hairpin-mediated inverted duplication
bzg030
bzg031
bzg032
bzg036
bzg037
bzg038
bzg039
bzg033
bzg034
bzg035
bzg040
bzg041
3n
2n
1n
0n
ChrXII:400,000..TEL12R
rDNA repeats
TEL12R
ChrXII:900,000..TEL12R
YLRWTy2-1
ChrVII:400,000..TEL07R
YGRCTy1-2/Ty2-1
TEL07R
ChrXII:100,000..TEL12R
ChrXV:600,000..TEL15R
TEL15R
ChrV:400,000..TEL05R
YERCTy1-2
ChrXIII:TEL13L..300,000
TEL13L
YMLWTy1-1
ura3-52
YORWTy2-2
YLRWTy1-2
ChrX:400,000..TEL10R
YJWTy1-1/Ty1-2
TEL10R
ChrIV:600,000..TEL04R
TEL04R
0
40
80
120
160
Chromosome V coordinate (kbp)
Chromosome target
ChrXII 465,519-:
AACCTACTAAATAGT:G:
AACCTACTAAATAGT:G:CTCTTTGTGTCTAT
:G:CTCTTTGTGTCTAT
:ChrV 29,011+
ChrXII 948,445+:
AAAGCGTTTGAAGAA:ATT:
AAAGCGTTTGAAGAA:ATT:TCTGCCGCAAATTCAAA
:ATT:TCTGCCGCAAATTCAAA
:ChrV 32,266-
ChrXII 347,183-:
AAGACGTTTGTGTTAT:
AAGACGTTTGTGTTAT:CCT:TACTCTGCGTAAGGCC
:TACTCTGCGTAAGGCC
:ChrV 26,501+
ChrXV 854,795-:
CCTGCTAGCAACAC:AG:
CCTGCTAGCAACAC:AG:CATGGGGACCATCA
:AG:CATGGGGACCATCA
:ChrV 28,095+
ChrXII 453,242-:
CTTCGGGATAAGGAT:TGG:
CTTCGGGATAAGGAT:TGG:TATTTCCTTCAATA
:TGG:TATTTCCTTCAATA
:ChrV 36,691+
ChrXII 459,200-:
CAAACGTAAGTCTAAAG:GT:
CAAACGTAAGTCTAAAG:GT:AAAAACACCTTTGA
:GT:AAAAACACCTTTGA
:ChrV 29,449+
ChrV 490,367-:
GACAATAATGGTAAT:GG:
GACAATAATGGTAAT:GG:TTGGGTTTCCTC
:GG:TTGGGTTTCCTC
:ChrV 32,614-
ChrXII 654,513-:
CTGGAGGTAGATCAGGGAGTG:G:
CTGGAGGTAGATCAGGGAGTG:G:ATGCCTTTACTCATGAAC
:G:ATGCCTTTACTCATGAAC
:ChrV 63,548-
ChrV 121,607+:
GAATATCGCTAGTCAA:GTT:
GAATATCGCTAGTCAA:GTT:TATGTATATATTT
:GTT:TATGTATATATTT
:ChrIV 1,040,738+