Sequence structure of the 15 *D. melanogaster* polymorphic retroposed loci.

Each case consists of a schematic figure followed by the *de novo* assembled sequence. Each figure is represented as three panels with the top, middle and bottom panel corresponding to the structure of parental gene, the chimeric structure of retroposed locus (internal retrocopy flanked by LTR retrotransposons) and full length LTR retrotransposon, respectively. The dark blue boxes, the intervening black line and the light blue boxes show exons of parental genes, introns and retrocopies, respectively. The number in each box represents the length of the corresponding segment. The structure of LTR retrotransposons was predicted by LTR_finder with the black and grey boxes marking 5' or 3' repeat zones and ORF zones, respectively.

>*CG17604*
>*CG10212*
>*CG32082*
>*CG4799_CG11924*
>*CG5119_CR42443*
>*CG33957*
>*CG14796*
>*CG31605*
>*CG8567*
>*CG2662*
>*CG5020*
>*CG3631*
>*CG1242*
>*CG10652*
>*CG8392*

Each assembled locus is color-coded as follows:
5' and 3' LTR retrotransposon repeat zone
Coding region of LTR retrotransposon
Microsimilarity shared by LTR retrotransposon and retrocopy, or shared by two parental copies in case of chimeric retrocopies
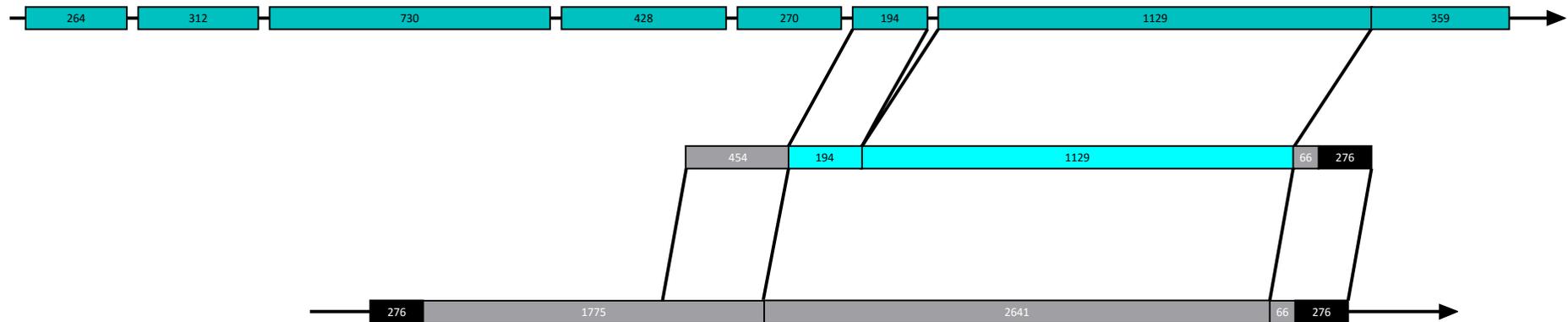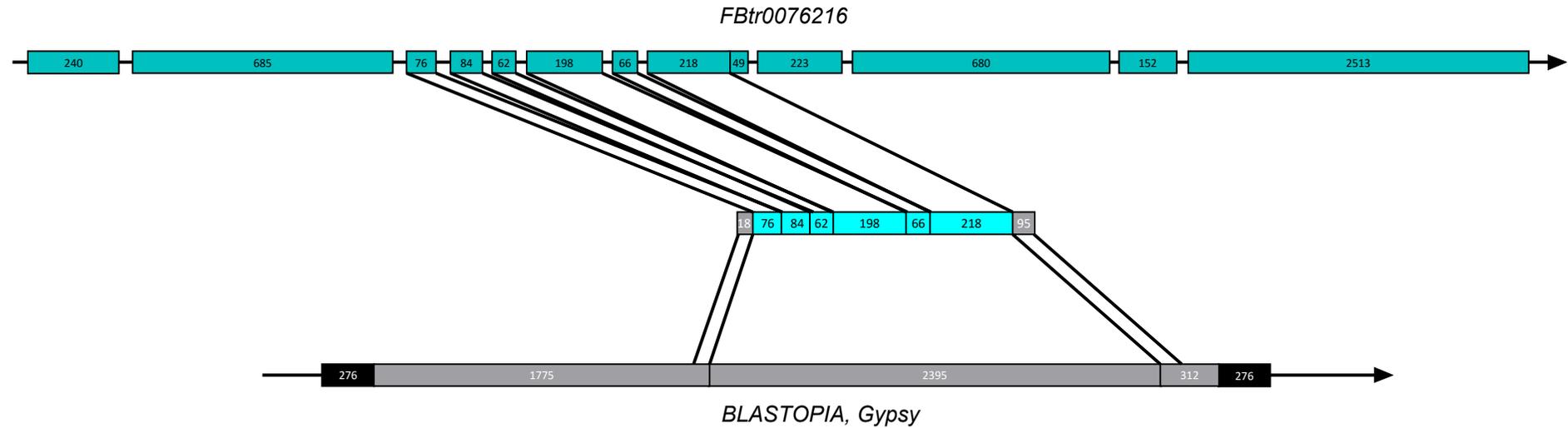Retrocopy
Inserted *de novo* sequence

CG17604_301

FBtr0083194

| 71 | 539 | 223 | 183 | 393 | 315 | 153 | 45 | 75 | 147 | 90 | 417 |

| 460 | 393 | 315 | 45 | 75 | 147 | 45 | 276 |

| 276 | 1775 | 2662 | 45 | 276 |

BLASTOPIA, Gypsy

>CG17604_301

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CG10212_307

FBtr0087461

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| 454 | 194 | 1129 | 66 | 276 |

| 276 | 1775 | 2641 | 66 | 276 |

BLASTOPIA, Gypsy

>CG10212_307

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CG32082_399

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| 240 | 685 | 76 | 84 | 62 | 198 | 66 | 218 | 49 | 223 | 680 | 152 | 2513 |

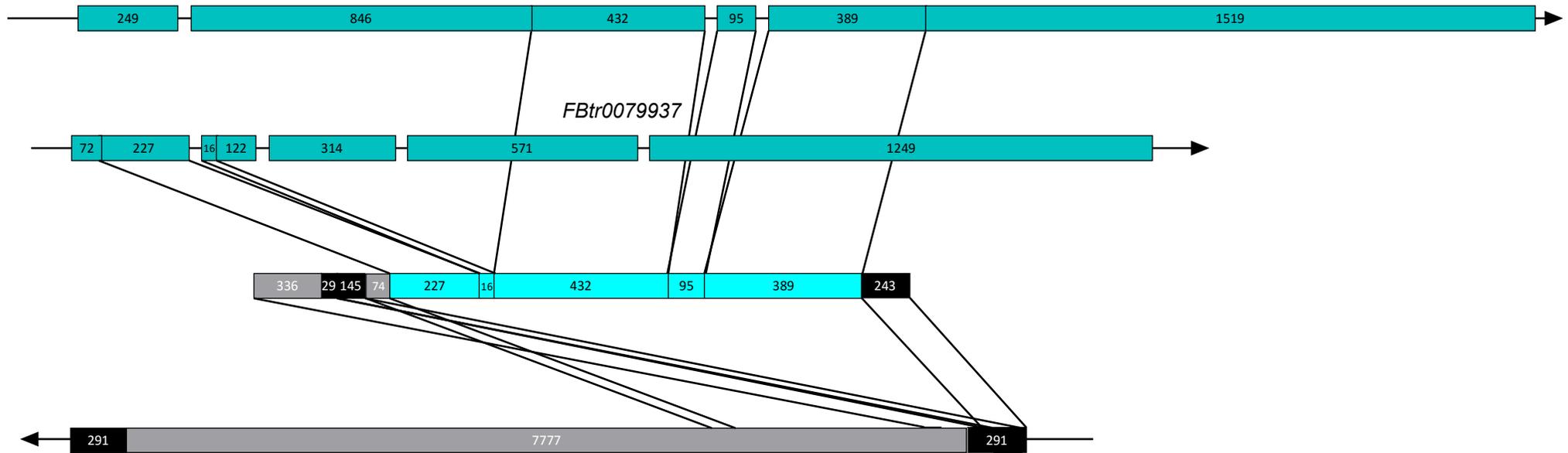| 18 | 76 | 84 | 62 | 198 | 66 | 218 | 95 |

| 276 | 1775 | 2395 | 312 | 276 |

BLASTOPIA, Gypsy

>*CG32082_399*

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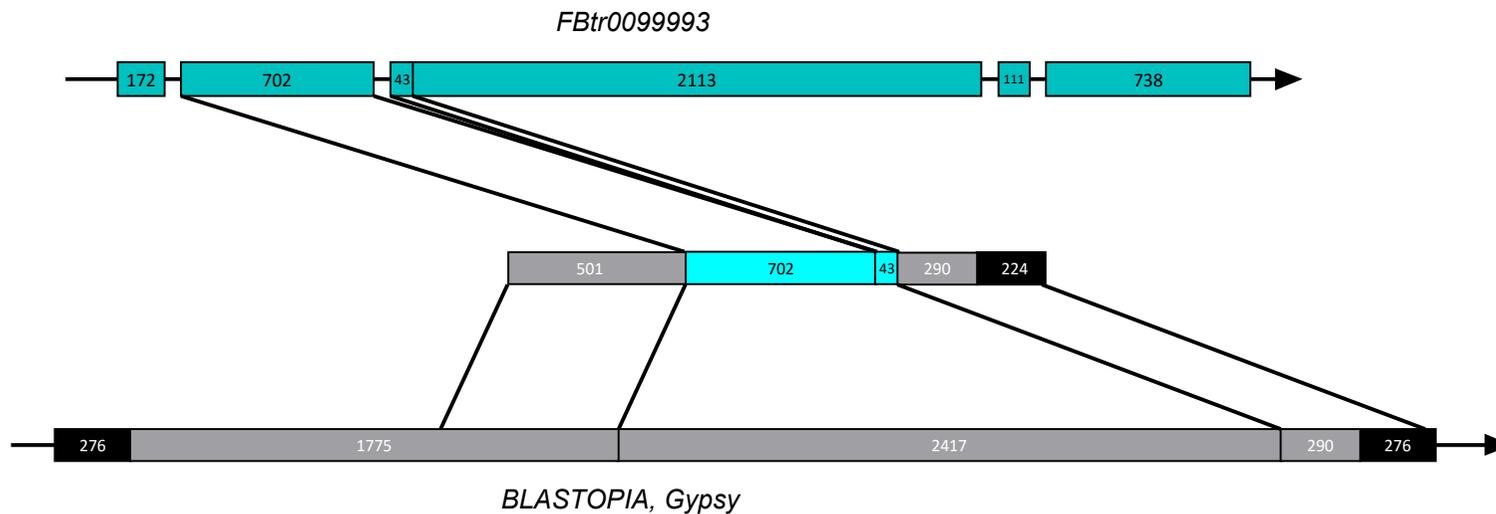
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FBtr0079937

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| 336 | 29 | 145 | 74 | 227 | 16 | 432 | 95 | 389 | 243 |

| 291 | 7777 | 291 |

BATUMI, Pao

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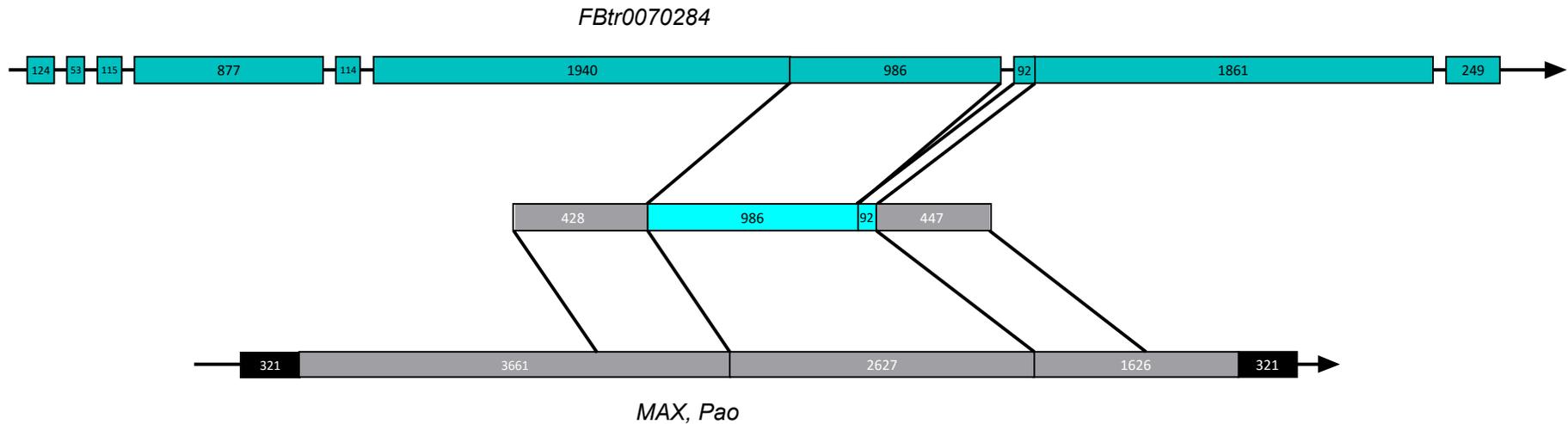
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STALKER2, Gypsy

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CG33957_714

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BLASTOPIA, Gypsy

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CG14796_765

FBtr0070284

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| 428 | 986 | 92 | 447 |

| 321 | 3661 | 2627 | 1626 | 321 |

MAX, Pao

>CG14796_765

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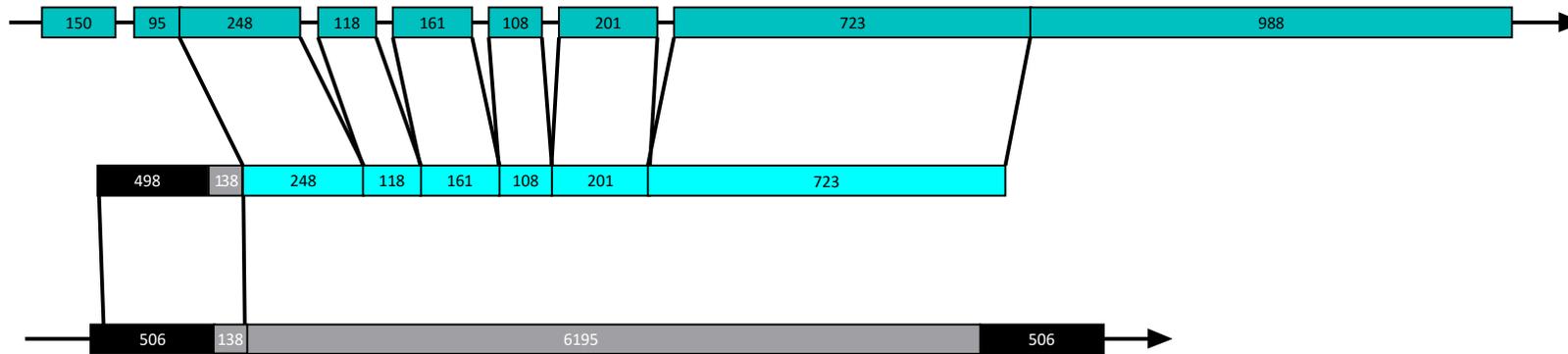
TABOR, Gypsy

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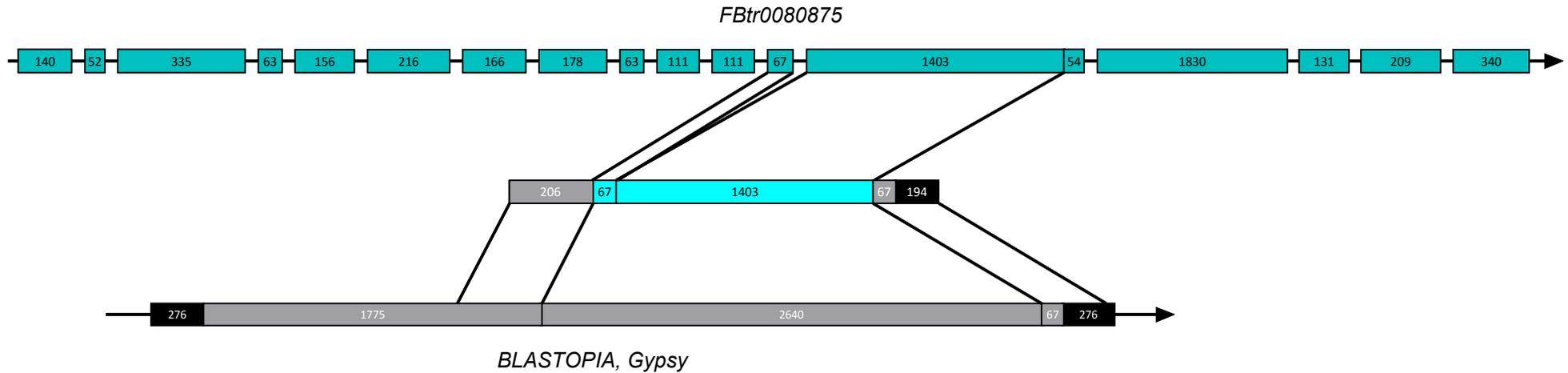GAGAGTGATCCACTAATCG

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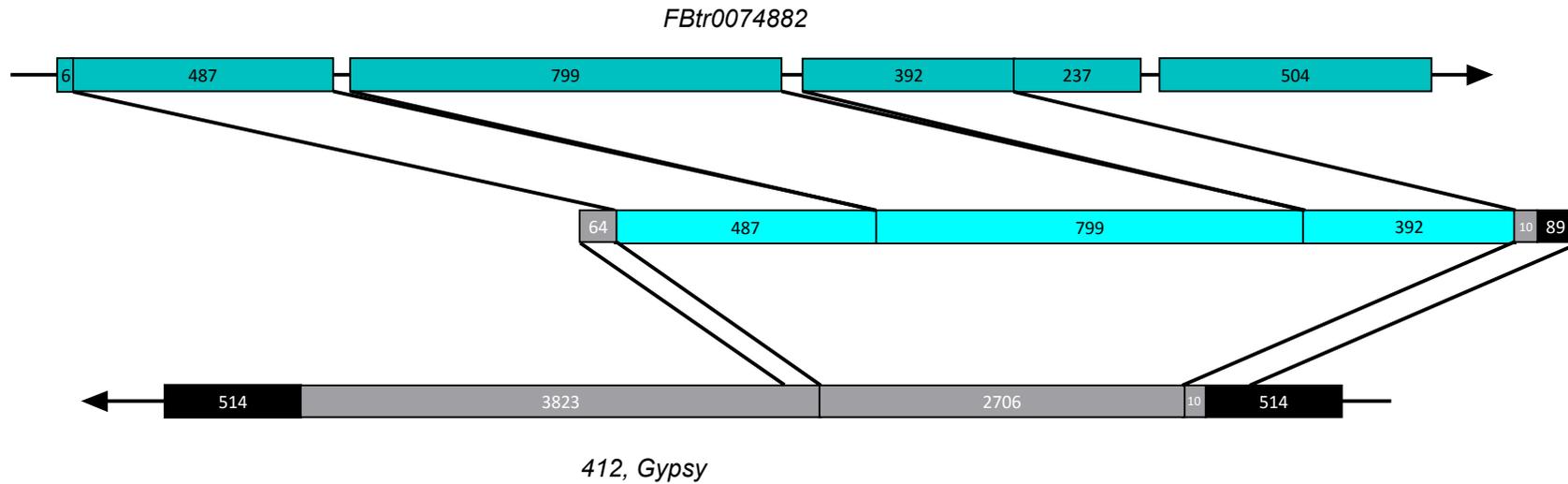
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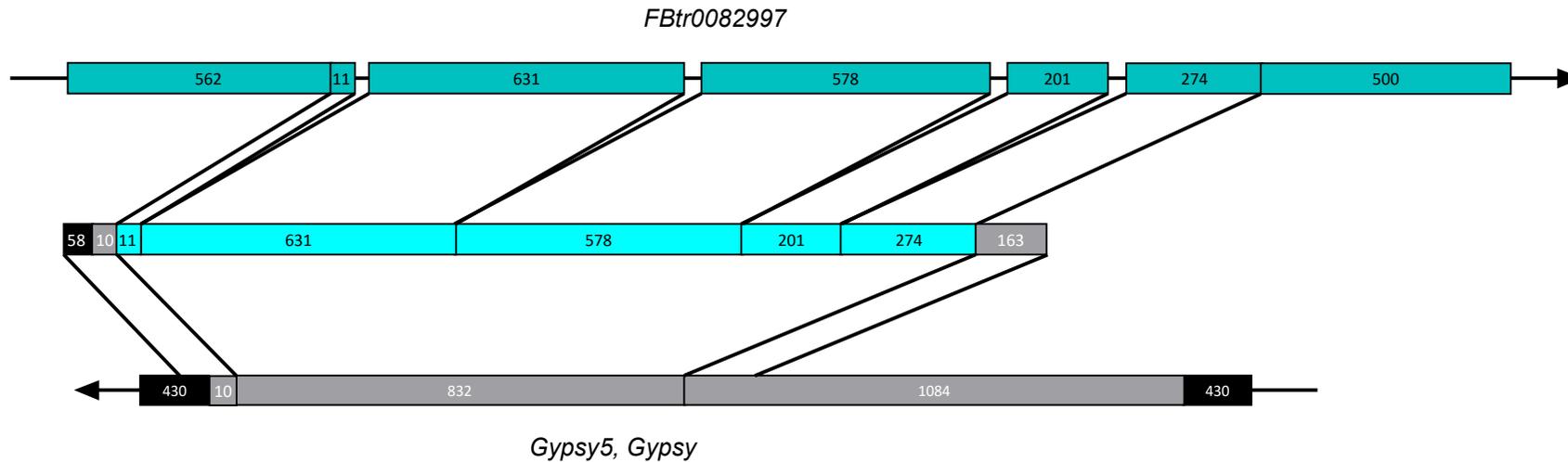
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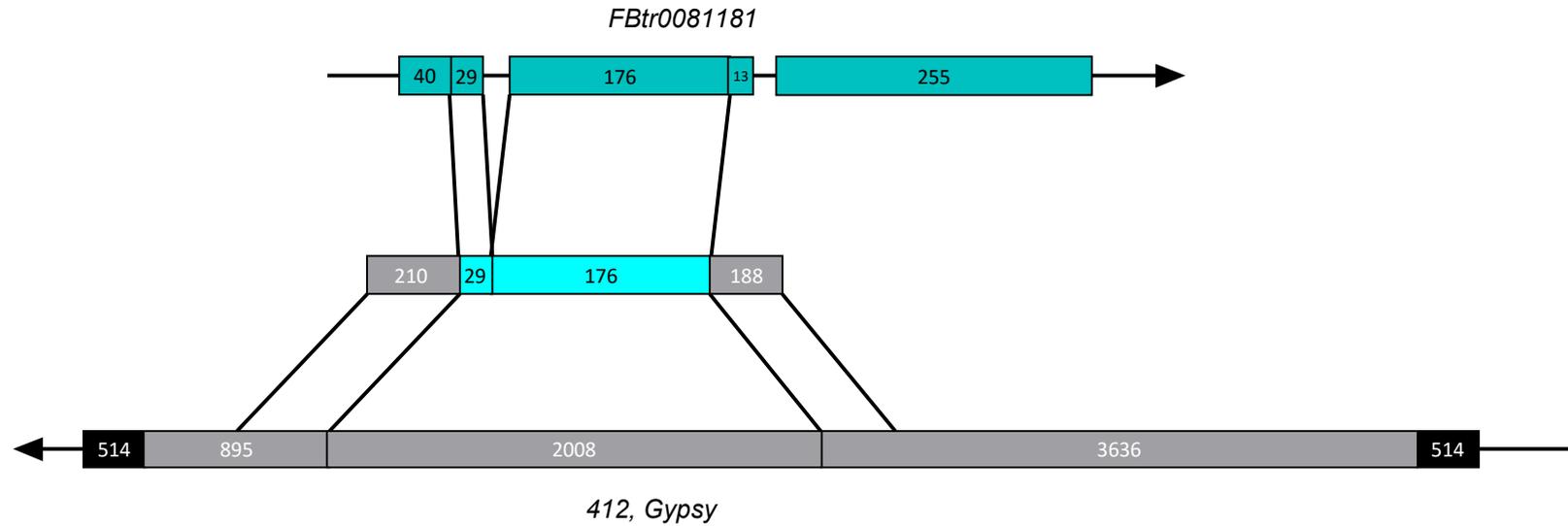
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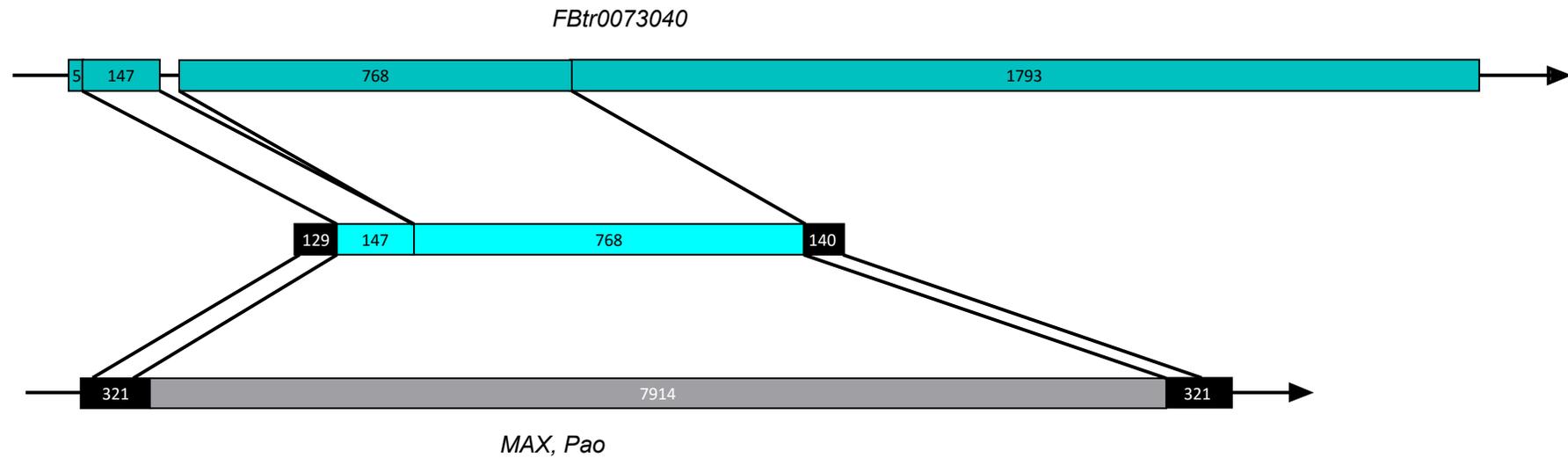
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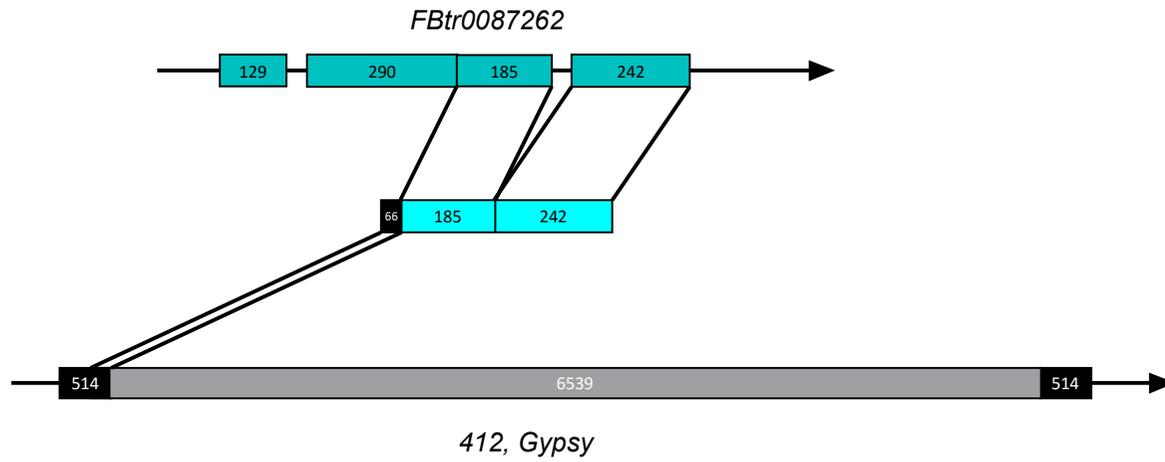
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