Table S9

vgBE-like elements in D. melanogaster, D. yakuba and D. pseudoobscura

```
D. melanogaster                                   gaattccgcaactcaatgttgGCTTTGTTTcgcctctcccGCTTT
D. yakuba                                         gaattccgcgactcaatgttgGCTTTGTTTcgcctctcccGCTTT
D. pseudoobscura                                  gaattccatcggtcaatgtggGCTTTG-TTcgttcgtattATTTT
                                                 *******     ******* ******* ****    *     ***

D. melanogaster          TTGctaacattgatttcgaagatttcgctgtgatttctgtgacaagtacagaaaaGTTCTCACGatcgc-
D. yakuba                TTGctaacattgatttcgaagatttcgatgtgatttctgtgacaagtacagaaaaGTTCTCACGatcgc-
D. pseudoobscura         TTGctaacattgatttcgaagatttcgctgtgatttctgtgacaagtacagaaaaGTTCTCACGatgcca
                         *************************** ************************************  *

D. melanogaster          ----tggtttc--cagtgtc----cagtttcgagggcccag--aactcaggccgaccatggtcaaaaggc
D. yakuba                -----gggtcc--cagtgtc----cagtttcgaggg-ccag--aactccgatcgaccatggtcaaaaggc
D. pseudoobscura         gaaagggctccctcagagccggagcggagtctgggg-ccaggcgattcgggccgacccgagccccg----
                              ** * *  *** * *    * *  **  *** ****   * ** *  *****   * *

D. melanogaster          ggct-ggcagtgcggccaatatc---catgaggcag---------ttgccgttgct------------gc
D. yakuba                ggctgggcagtgcggccaaaatc---catgaagcag---------ttgccgttgctgatgcggctgccgc
D. pseudoobscura         ggctgggctat-tggtcagtgtctggccggactcggactccgactttgctctggct------------gc
                         **** ***  *  ** **   **   *  **  * *         ****  * ***            **

D. melanogaster          tgccgctggggcacaaagAAATTCTTgtgtcgcaagttccaattatacaaggccgcggcaccaaatcgaa
D. yakuba                tgccgctggggcacaaagAAATTCTTgtgtcgcaagttccaattatacaaggccgcggcaccaaatcgaa
D. pseudoobscura         tgtcgctggttcacaaagAAATTCTTgtgtcgcaagttccaattatacaaggccgcggcaccaaatcgaa
                         ** ******  ************************************************************

D. melanogaster          attggccttttatgtaagtaaccgatacgacacgattctgattctatgcttttgcatgcccataaagagg
D. yakuba                attggccttttatgtaagtaaccgatacgacacgattctgattctatgcttttgcatgcccataaagagg
D. pseudoobscura         attggccttttatgtaagtaaccgatacgacacgattctgattctatgcttttgcatgcccataaagagt
                         ***********************************************************************

D. melanogaster          gacc-----gcgataaacccg---------cctggatat-------------tgcggcttcggttgctcc
droY D. yakuba           gacc-----gcgataaacccg---------cctggatat-------------tggggcttcggctgctcc
D. pseudoobscura         tgcccataagagataaacccgggccctcgagctggatttgtgtgccagggtctgggtcttggtctgggtc
                           **     * **********          ****** *             ** * *** *  **   *

D. melanogaster          --------------------tttctgctcctttctgcacctccgccatggaaagccaatcgcagattgag
D. yakuba                actctgctcccctctgcccgttgctgctcctttctgctcctccgccacggaaagccaatcgcagattgag
D. pseudoobscura         ------------tgtgttcgggactgggc---tctggtcttctgc-------agccaatcgcagattgag
                                                  ***  *   ****  * ** **       ******************

D. melanogaster          tcagcagctttggctactcagctggatgaccggtttattttgt---------cccaca------------
D. yakuba                tcagcagctcgggctcctcagctggatgaccggtttatttcgt---------cccaca------------
D. pseudoobscura         tcagcagcttcaa--gctgagctggatgaccggtttatttggctgtgggctacctccaggcccagccgga
                         *********       ** ********************* *          **  **

D. melanogaster          -aacgcacaatcctcgtccgccctttcgacactttggccagccagccagccagccagtcc---cgaaacc
D. yakuba                -aacgcacaa---------------tcgacactttcgtcggccagcc-----------cc---aaaaacc
D. pseudoobscura         caacgcacaa-ttttgtcctcccg-tcgacactttgttccccactcc-----------cccttcgactcc
                          *********               **********   *  *   **           **     *  **

D. melanogaster          taaagttaaactaaaacaaataaacaaaccaaaaaccttgg----------tccgctcggttaatttatt
D. yakuba                caaag------taatacaaataaacaaa-caaaaaccttgg----------tccgctcggttaatttatt
D. pseudoobscura         ttggg-gcagctaaaacaaa---------caaaaaccttggcgatctcgttcccgttctgttaatttatt
                             *      *** *****         ************           *** ** ***********

D. melanogaster          gtgtgtatcgccattagttcttgccgatc----ttgca----------------------------gctct
D. yakuba                gtgtgtatcgccattagttcttgccgatc----tcgcgatccccaccccccgctgcccacgccccactct
D. pseudoobscura         gtgtgtatcgccattagttcttgccgatcgcttttggg--------------------------caccat
                         ******************************    * *                              *  *

D. melanogaster          ccccgcctac-aacgccataacataaccataccgattcgatccttgggacctttgtcaaccgatcgcag
D. yakuba                cctcgcccacgaacgccataacataaccatagcgattcgatccttggggcctttgtcaaccgatcgcag
D. pseudoobscura         ccccatactcttgcccagctccacaagcatcccgat------cctggggcctttgtcaaccgac-----
                         ** *     *   * *     ** ** ***  ****      * **** ***************

D. melanogaster          ataaaccagggagctgaattc
D. yakuba                ataaaccagggagctgacttc
D. pseudoobscura         ---------acagctgcgatc
                                  *****   **
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