Fig. S9

A

```
eco_20_1284-2124_Ym841    GCAATGAAAAACATGGAAAATGAGAAAAACCACACTGTAGAACATTGTCG 350
eco_12_1284-2124_Ym841    GCAATGAAAAACATGGAAAATGAGAAAAACCACACTGTAGAACATTGTCG 350
eco_12_0461-1283_Ym823    AATATAAAAAACATGGAAAATGAGAAAAACCACACTGTAGAACATTGTCG 350
                           ** ******************************************

eco_20_1284-2124_Ym841    AAGAATGAGTAACAATAAAAAACATATATATGAGAATGAACGTTGTAGAA 400
eco_12_1284-2124_Ym841    AAGAATGAGTAACAATAAAAAGCATATATCTGAGAATGAACGTGGTAGAA 400
eco_12_0461-1283_Ym823    AAGAATGAGTAACAATAAAAAACATATATATGAGAATGAACGTTGTAGAA 400
                          ******************** ******* ************* ******

eco_20_1284-2124_Ym841    CATGGCATGGAAAGGAGTTACAACAAAAACCATGGAAAGGAGTAATGCAC 450
eco_12_1284-2124_Ym841    CATGGCATGGAAAGGAGTTACAACAAAAAACATGGAAATGAGTAATGCAC 450
eco_12_0461-1283_Ym823    CATGGCATGGAAAGGAGTTACAACAAAAACCATGGAAAGGAGTAATGCAC 450
                          ***************************** ******** ***********

eco_20_1284-2124_Ym841    GTTGTAGAACGTCGTATATACAAGAATTACAATGAAAAATATGGAAAATG 500
eco_12_1284-2124_Ym841    GTTGTAGAACGTCGTATATACAAGAATTACAATGAAAAATATGGAAAATG 500
eco_12_0461-1283_Ym823    GTTGTAGAACGTCGTATATACAAGAATTACAATGAAAAATATGGAAAATG 500
                          **************************************************

eco_20_1284-2124_Ym841    AAAGAAAAACTCACCGTATAACATTTTGTATGAGTGAGTTACAAGAAAAA 550
eco_12_1284-2124_Ym841    AAAGAAAAACTCACCGTATAACATTTTGTATGAGTGAGTTCGAAGAAAAA 550
eco_12_0461-1283_Ym823    AAAGAAAAACTCACCGTATAACATTTTGTATGAGTGAGTTAGAAGAAAAA 550
                          ************************************** *********

eco_20_1284-2124_Ym841    CATATATAATGAGAAACGCACATTGTAGAACACCGTACATACAGGGGTTA 600
eco_12_1284-2124_Ym841    CATATATAATGAGAAACGCACATTGTAGAACACCGTACATACATGGGTTA 600
eco_12_0461-1283_Ym823    CATATATAACGAGAAACGCACATTGTAGAACACCGTACATACAGGGGTTA 600
                          ****************************************** ******

eco_20_1284-2124_Ym841    AAATGCAAAACATGGAAAATGAGAAAAACCACACTGTAGGACATTGTGTA 650
eco_12_1284-2124_Ym841    AAATGCAAAACATGGAAAATGAGAAAAACCACACTGTAGGACATTGTGTA 650
eco_12_0461-1283_Ym823    AAATGCAAAACATGGAAAATGAGAAAAACCACACTGTAGGACATTGTGTA 650
                          **************************************************

eco_20_1284-2124_Ym841    TGAGTGAGTTACAATAAAAACCATAAGAAATAAGCAACACACACTGGAGA 700
eco_12_1284-2124_Ym841    TGAGTGAGTTACAATAAAAACCATAAGAAATAAGCAACACACACTGGAGA 700
eco_12_0461-1283_Ym823    TGAGTGAGTTACAATAAAAACCATACGAAATAAGCAACACACACTGGAGA 700
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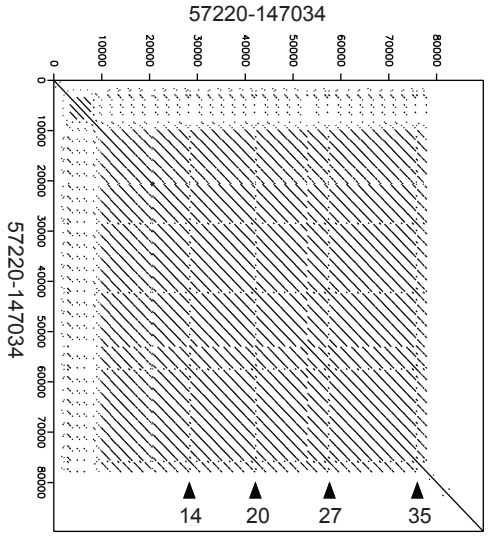
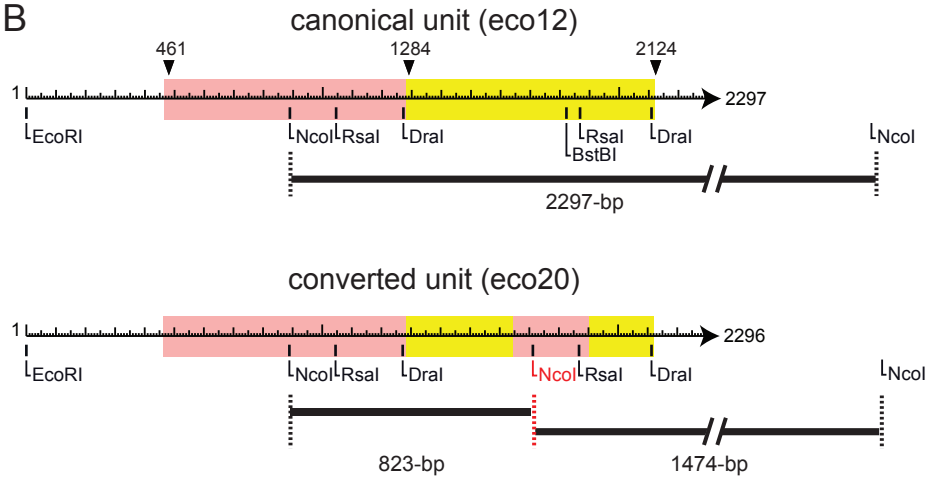
C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