```
                                 (((((((...(((.((....)))))(((((.......)))))).....(((((.......)
chr-5c.trna6-iMet-CAT    AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCUAGGAUUGAAAC 60
chr-5c.trna5-iMet-CAT    AUCAGAGUGGCGUAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCUAGGAUUGAAAC 60
chr-5c.trna8-iMet-CAT    AUCAGAGUGGCGUAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGCCCUAGGAUUGAAAC 60
chr-10c.trna2-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAAUCCACAGGUCCCAGGAUCGAAAC 60
chr-2e.trna2-iMet-CAT    AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-3e.trna14-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-3e.trna15-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-8e.trna24-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-5c.trna36-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-5c.trna27-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-5c.trna11-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-3e.trna16-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-10e.trna4-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-3e.trna17-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-5c.trna7-iMet-CAT    AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-4c.trna7-iMet-CAT    AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-4c.trna8-iMet-CAT    AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-4e.trna7-iMet-CAT    AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-5c.trna3-iMet-CAT    AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-5e.trna17-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-5e.trna21-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-4e.trna6-iMet-CAT    AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCUAGGAUCGAAAC 60
chr-4e.trna8-iMet-CAT    AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCUAGGAUCGAAAC 60
chr-5c.trna9-iMet-CAT    AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCUAGGAUCGAAAC 60
chr-8c.trna22-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCUCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-4c.trna6-iMet-CAT    AUCAGAGUGAUGCAGCGGAAGUGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-3c.trna13-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGGAAC 60
chr-4c.trna24-iMet-CAT   AUCAGAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCAUAGGUCUCAGGAUUGAAAC 60
chr-2c.trna2-iMet-CAT    AUCAAAGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-5c.trna2-iMet-CAT    AUCAGAUUGGUGCAGCGGAAGCGUGGUGAACCCAUAACCCACAGGUCCUAGGAUUGAAAC 60
chr-1c.trna51-iMet-CAT   AUCACCGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAAAC 60
chr-5c.trna4-iMet-CAT    AUCAGAGUGGCGCAGCGGAAGCGUGGUAGGCCCAUAACCCACAGGUCCUAGGAUCGAAAC 60
chr-5c.trna10-iMet-CAT   AUCAGUGUGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGUUCCUAGGAUCAAAAC 60
                         .........10........20........30........40........50.........

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chr-5c.trna6-iMet-CAT    CUAGCUCUGAUA 72
chr-5c.trna5-iMet-CAT    CUGGCUCUGAUA 72
chr-5c.trna8-iMet-CAT    CUGGCUUUGAUA 72
chr-10c.trna2-iMet-CAT   CUGGCUCUGAUA 72
chr-2e.trna2-iMet-CAT    CUGGCUCUGAUA 72
chr-3e.trna14-iMet-CAT   CUGGCUCUGAUA 72
chr-3e.trna15-iMet-CAT   CUGGCUCUGAUA 72
chr-8e.trna24-iMet-CAT   CUGGCUCUGAUA 72
chr-5c.trna36-iMet-CAT   CUGGCUCUGAUA 72
chr-5c.trna27-iMet-CAT   CUGGCUCUGAUA 72
chr-5c.trna11-iMet-CAT   CUGGCUCUGAUA 72
chr-3e.trna16-iMet-CAT   CUGGCUCUGAUA 72
chr-10e.trna4-iMet-CAT   CUGGCUCUGAUA 72
chr-3e.trna17-iMet-CAT   CUGGCUCUGAUA 72
chr-5c.trna7-iMet-CAT    CUGGCUCUGAUA 72
chr-4c.trna7-iMet-CAT    CUGGCUCUGAUA 72
chr-4c.trna8-iMet-CAT    CUGGCUCUGAUA 72
chr-4e.trna7-iMet-CAT    CUGGCUCUGAUA 72
chr-5c.trna3-iMet-CAT    CUGGCUCUGAUA 72
chr-5e.trna17-iMet-CAT   CUGGCUCUGAUA 72
chr-5e.trna21-iMet-CAT   CUGGCUCUGAUA 72
chr-4e.trna6-iMet-CAT    CUGGCUCUGAUA 72
chr-4e.trna8-iMet-CAT    CUGGCUCUGAUA 72
chr-5c.trna9-iMet-CAT    CUGGCUCUGAUA 72
chr-8c.trna22-iMet-CAT   CUGGCUCUGAUA 72
chr-4c.trna6-iMet-CAT    CUGGCUCUGAUA 72
chr-3c.trna13-iMet-CAT   CUGGCUCUGAUG 72
chr-4c.trna24-iMet-CAT   CUGGCUUUGAUA 72
chr-2c.trna2-iMet-CAT    CUGGCUCUGAUA 72
chr-5c.trna2-iMet-CAT    CUGGCUCUGAUA 72
chr-1c.trna51-iMet-CAT   CUGGCUCUGAUA 72
chr-5c.trna4-iMet-CAT    CUGGCUCUAAUA 72
chr-5c.trna10-iMet-CAT   CUGGCUCUGAUA 72
                         .........70.
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