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                                 (((((((....((((.......)))).(((((.......)))))).....(((((.....
chr-03.trna103-iMet-CAT    AUCAGAG--UGGCGCAGCGGAAGUGUGGUGAGCCCAUAACCCACAGGUCCCAGGAUUGAA 58
chr-12.trna72-iMet-CAT     AUCAGAG--UGGCGUAGCGGAAGUGUGGUGAGCCCAUAACCCAUAGGUCCCAGGAUUGAA 58
chr-12.trna95-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCUAGGAUCGAA 58
chr-06.trna177-iMet-CAT    AUUAAAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCUAGGAUCGAA 58
chr-03.trna71-iMet-CAT     AUCAGAG--UUGCACAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCUAGGAUCGAA 58
chr-13.trna109-iMet-CAT    AUCAGAG--UAGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-10.trna91-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-13.trna174-iMet-CAT    AUCAAAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAAGAUCGAA 58
chr-03.trna73-iMet-CAT     AUCAGAG--UGGCACAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-13.trna175-iMet-CAT    AUCAAAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAAGAUCGAA 58
chr-13.trna176-iMet-CAT    AUCAAAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAAGAUCGAA 58
chr-13.trna177-iMet-CAT    AUCAAAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAAGAUCGAA 58
chr-13.trna178-iMet-CAT    AUCAAAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAAGAUCGAA 58
chr-10.trna6-iMet-CAT      AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-12.trna102-iMet-CAT    AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-13.trna70-iMet-CAT     AUCAAAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-06.trna183-iMet-CAT    AUCAAAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-13.trna107-iMet-CAT    AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-13.trna169-iMet-CAT    AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-14.trna52-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-06.trna151-iMet-CAT    AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-14.trna53-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-06.trna90-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-15.trna40-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-06.trna16-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-15.trna44-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-06.trna236-iMet-CAT    AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-04.trna22-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-04.trna1-iMet-CAT      AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-03.trna140-iMet-CAT    AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-01.trna37-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-09.trna44-iMet-CAT     AUCAAAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-08.trna137-iMet-CAT    AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-01.trna44-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-02.trna243-iMet-CAT    AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-02.trna122-iMet-CAT    AUCAAAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-02.trna75-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-13.trna46-iMet-CAT     AUCAGAG--UGGCGCAACGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-10.trna8-iMet-CAT      AUCAGAG--UGGCGCAGCGGAAGUGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-12.trna81-iMet-CAT     AUCAGAG--UGGCGCAGUGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-10.trna14-iMet-CAT     AUCAGAG--UGGCGCAGUGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-15.trna45-iMet-CAT     AUCAGAG--UGGCGCAGUGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-08.trna148-iMet-CAT    AUCAGAG--UGGCGCAGUGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCUAGGAUCGAA 58
chr-06.trna207-iMet-CAT    AUCAGAG--UGGCGCAGUGGAAGCGUGGUGGGCCCAUAACCCAUAGGUCCCAGGAUCGAA 58
chr-08.trna5-iMet-CAT      AUCAGAG--UGGCGCAGUGGAAGCGUGGUGGGCCCAUAACCCACAAGUCCCAAGAUCGAA 58
chr-06.trna238-iMet-CAT    AUCAGAG--UGGCGCAGCGGAAGCCUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-12.trna73-iMet-CAT     AUCAGAG--UGGCGCAGCAGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-08.trna6-iMet-CAT      AUCAGAG--UGGCGCAGCGGAAGCAUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-09.trna128-iMet-CAT    AUCAGAG--UGGCGCAGCGGAAGUGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-13.trna71-iMet-CAT     AUCAAAG--UGGUGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-02.trna245-iMet-CAT    AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-10.trna10-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUUGAA 58
chr-02.trna121-iMet-CAT    AUCAAAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUUGAA 58
chr-06.trna45-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUUGAA 58
chr-15.trna96-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-06.trna94-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGGCCCAGGAUCGAA 58
chr-14.trna27-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAUCCCACAGGUCCCAGGAUUGAA 58
chr-10.trna12-iMet-CAT     AUCAGAG--UGGCGCAGCGGAAGCGUGGUGAGCCCAUAACCCACAGGUCCCAAGAUCGAA 58
chr-06.trna181-iMet-CAT    AUCAAAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAAGAUCGAA 58
chr-12.trna76-iMet-CAT     AUCAGAG--UGGCGCAGUGGAAGUGUGGUGGGCCCAUAACCCACAGGUCCCAGAUCGAA 58
chr-14.trna3-iMet-CAT      AUCAUAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCCAGGAUCGAA 58
chr-04.trna24-iMet-CAT     AUCAAAG--UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGCCCCAGGAUUGAA 58
chr-07.trna55-iMet-CAT     UUCAGAG--UGGUGCAGCGGAAGCGUGGUGGACCCAUAACCCACAGGUCCCAGGAUAAAA 58
chr-12.trna96-iMet-CAT     AUUAGAG--UGGCGCAGUGGAAGCGUGGUGGGCCCAUAACCCAUAGGUCCCAGGAUCGAA 58
chr-06.trna179-iMet-CAT    AUUAAAG--UGGCGCAGUGGAAGCGUGGUAGGCCCAUAACCCACAGGUCCCAGGAUUGAA 58
chr-08.trna138-iMet-CAT    AUCAGAG--UGGCGUAGUGGAAGUGUGGUGGCCCCAUAACCCAUAGGUCCCAGGAUUGAA 58
chr-12.trna78-iMet-CAT     AUUAGAG--UGGUGCAGUGGAAGCGUGGUGGGCCCAUAACCCACAGGUCCUAGGAUCAAA 58
chr-08.trna139-iMet-CAT    AUCAGAG--UGGUGCAGUUGAAGCGUGGUUGGCCCAUAACCCACAGAUCCCAGGAUCGAA 58
chr-08.trna78-iMet-CAT     AUCAGAG--UGUCGUAGCGGAAGCGUGGUGGGCCCAUAACCCACAGGUAACAGGAUCAAA 58
chr-08.trna143-iMet-CAT    AUCAUAG--UGGUGCAGUGGAAGCGUGGUGGGCCCAUAACCCACAUGUCCCAGGAUCAAA 58
chr-06.trna208-iMet-CAT    AUCAGAG--UGGUGCAGCGGAAGCCUGGUGGGCCCAUAACCCACAGGUCUCAGGAUCAAA 58
chr-08.trna150-iMet-CAT    AUUAGAG--UGGCGCAUUGGAAGUGUGGUGGGCCCAUAACCCAUAGGUCCCAGGAUCGAA 58
chr-05.trna131-iMet-CAT    AAUAGAG--UGGCGCAGUGGAAGCGUGGUGGGCCCAUAACCCACAGGUC-UAGGAUCGAA 57
chr-08.trna146-iMet-CAT    AACAAGAUCUGGCGCAGUGGAAGCGUGGUGGGCCCAUAACCCACAGCUCCCAGGAUCAAA 60
chr-02.trna44-iMet-CAT     GAG------UGGCGCAGCGGAAGCGUGGUGGGCCCAUAACCCACAAGUCCCAGGAUCGAA 54
                           .........10........20........30........40........50.........
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chr-03.trna103-iMet-CAT    ACUUGGCUCU-GAUA 72
chr-12.trna72-iMet-CAT     ACUUGGUUUU-GAUA 72
chr-12.trna95-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-06.trna177-iMet-CAT    ACCUGGCUUU-GAUA 72
chr-03.trna71-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-13.trna109-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-10.trna91-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-13.trna174-iMet-CAT    ACUUGGCUUU-GAUA 72
chr-03.trna73-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-13.trna175-iMet-CAT    ACUUGGCUUU-GAUA 72
chr-13.trna176-iMet-CAT    ACUUGGCUUU-GAUA 72
chr-13.trna177-iMet-CAT    ACUUGGCUUU-GAUA 72
chr-13.trna178-iMet-CAT    ACUUGGCUUU-GAUA 72
chr-10.trna6-iMet-CAT      ACCUGGCUCU-GAUA 72
chr-12.trna102-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-13.trna70-iMet-CAT     ACCUGGCUUU-GAUA 72
chr-06.trna183-iMet-CAT    ACCUGGCUUU-GAUA 72
chr-13.trna107-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-13.trna169-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-14.trna52-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-06.trna151-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-14.trna53-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-06.trna90-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-15.trna40-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-06.trna16-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-15.trna44-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-06.trna236-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-04.trna22-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-04.trna1-iMet-CAT      ACCUGGCUCU-GAUA 72
chr-03.trna140-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-01.trna37-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-09.trna44-iMet-CAT     ACCUGGCUUU-GAUA 72
chr-08.trna137-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-01.trna44-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-02.trna243-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-02.trna122-iMet-CAT    ACCUGGCUUU-GAUA 72
chr-02.trna75-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-13.trna46-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-10.trna8-iMet-CAT      ACUUGGCUCU-GAUA 72
chr-12.trna81-iMet-CAT     ACUUGGCUCU-GAUA 72
chr-10.trna14-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-15.trna45-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-08.trna148-iMet-CAT    ACCUAGCUCU-GAUA 72
chr-06.trna207-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-08.trna5-iMet-CAT      ACUUGGCUCU-GAUA 72
chr-06.trna238-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-12.trna73-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-08.trna6-iMet-CAT      ACCUGGCUCU-GAUA 72
chr-09.trna128-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-13.trna71-iMet-CAT     ACCUGGCUUU-GAUA 72
chr-02.trna245-iMet-CAT    ACCUAGCUCU-GAUA 72
chr-10.trna10-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-02.trna121-iMet-CAT    ACCUGGCUUU-GAUA 72
chr-06.trna45-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-15.trna96-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-06.trna94-iMet-CAT     ACCUGGCUUU-GAUA 72
chr-14.trna27-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-10.trna12-iMet-CAT     AUCUGGCUCU-GAUA 72
chr-06.trna181-iMet-CAT    ACCUGGCUUU-GAUA 72
chr-12.trna76-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-14.trna3-iMet-CAT      ACCUGGCUCU-GAUA 72
chr-04.trna24-iMet-CAT     ACCUGGCUCU-GAUA 72
chr-07.trna55-iMet-CAT     ACCUGACUCU-GAUA 72
chr-12.trna96-iMet-CAT     ACCUGGCUCU-CAUA 72
chr-06.trna179-iMet-CAT    ACCUGGCUUU-GAUA 72
chr-08.trna138-iMet-CAT    ACUUGGCUCU-GAUA 72
chr-12.trna78-iMet-CAT     ACAUGGCUCU-GAUA 72
chr-08.trna139-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-08.trna78-iMet-CAT     ACCUGGCUCU-GGUA 72
chr-08.trna143-iMet-CAT    ACCUGGCUCU-GAUA 72
chr-06.trna208-iMet-CAT    ACUUGGCUCU-GAUA 72
chr-08.trna150-iMet-CAT    ACUUGGCACU-GAUG 72
chr-05.trna131-iMet-CAT    ACUUGGCUUUGAUUA 72
chr-08.trna146-iMet-CAT    ACCUGGCUUU-GAUA 74
chr-02.trna44-iMet-CAT     ACCUGGCAAGAUUCA 69
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