

((((((.((((.(...((((((.((((.(...)))...)))...((((((.(.(
Set_7 GUUAAACAUCCAUCCAGUAGUGAUUUC-----GUGUCAUU-GCUGGCAUUGGGCUUC 52
Set_9 GUUAAACAUCCAUCCAGUAGUGAUUUC-----GUGUCGUU-GCUGGCAUUGGGCUUC 52
Set_4 GUUAAACAUCCAUCCAGCGAUACU-----GCUUU-GCUGGCAUUGGGCUUC 46
Set_2 GUUAAACAUCCAUCCAGUGAUAAUU-----UAUUGUC-GCUGGCAUUGGGCUUC 50
Set_1 GUUAAACAUCCAUCCAGUGAUAAUU-----UAUUGUC-GCUGGCAUUGGGCUUC 50
Set_3 GUUAAACAUCCAUCCGCCCGCGUUGUCGCAAGGCAAUGCGUGGCGGCAUUGGGCUUC 60
Set_8 GUUAAACAUCCAUCCGCCCGCGUUGUCGCAAGGCAAUGCGUGGCGGCAUUGGGCUUC 60
Set_5 GUUAAACAUCCAUCCGCCCGCGUUGUCGCAAGGCUACGCGGUUGGCGGCAUUGGGCUUC 60
Set_6 GUUAAACAUCCAUCCGCCCGCGUUGUCGCAAGGCUACGCGGUUGGUGGCAUUGGGCUUC 60
.....10.....20.....30.....40.....50.....6



((((((.....)))...))...))...(((((((((.((((.(...((((((.(...
Set_7 GCGGAUGAGAAUCCGCGUGGCUUCAAGAUGAGUGCGGUGACGGCCGACUCCGCCUGCU 112
Set_9 GCGGAUGAGAAUCCGCGUGGCUUCAAGAUGAGUGCGGUGACGGCCGACUCCGCCUGCU 112
Set_4 GCGGAUGACAUCCGCGUGGCUUCAAGAUGAGUGCGGUGACGGCCGACUCCGCCUGCU 106
Set_2 GCGGAUGAGAAUCCGCGUGGCUUCAAGAUGAGUGCGGUGACGGCCAACUCCGCCUGCU 110
Set_1 GCGGAUGAGAAUCCGCGUGGCUUCAAGAUGAGUGCGGUGACGGCCAACUCCGCCUGCU 110
Set_3 GCGGAUGAGAAUCCGCGUGGCUUCAAGAUGCUUGCGGUGACGGC-ACCG-CCGCCUCU 117
Set_8 GCGGAUGAGAAUCCGCGUGGCUUCAAGAUGCUUGCGGUGACGGC-ACCG-CCGCCUCU 117
Set_5 GCGGAUGAGAAUCCGCGUGGCUUCAAGAUGCUUGCGGUGACGGC-ACCG-CCGCCUCU 117
Set_6 GCGGAUGAGAAUCCGCGUGGCUUCAAGAUGCUUGCGGUGACGGC-ACCG-CCGCCUCU 117
0.....70.....80.....90.....100.....110.....1



((((((.((((.(...((((((.(...)))...)))...)))...)))...)))...
Set_7 GAUCCUCUGGGAAUUCGCUUUCUUGGGUACGACACGGGCCCGGACGCGGACGUC--U 170
Set_9 GAUCCUCUGGGAAUUCGCUUUCUUGGGUACGACACGGGCCCGGACGCGGACGUC--U 170
Set_4 GAUCCUCUGGGAAUUCGCUUUCUUGGGUACGACACGGGCCCGGACGCGGACGUCUUU 166
Set_2 GAUCCUCCGGGAAUGCAAUUCUUGGAUCGCUUGAUGG-GCGACGACCGGACGUCUUU 169
Set_1 GAUCCUCCGGGAAUGCAAUUCUUGGAUCGCUUGAUGG-GCGACGACCGGACGUCUUU 169
Set_3 GAUCCUCCGGGAAUCUCUGCUCUUGGGUUC---UAAGCGUUC-CGACCUCGUCGUA 172
Set_8 GAUCCUCCGGGAAUCUCUGCUCUUGGGUUC---UAAGCGAGU-CGACCUCGUCGUA 172
Set_5 GAUCCUCCGGGAAUCUCUGCUCUUGGGUUC---UAAGCGAGU-CGACCUCGUCGUA 172
Set_6 GAUCCUCCGGGAAUCUCUGCUCUUGGGUUC---UAAGCGAGU-CGACCUCGUCGUA 172
20.....130.....140.....150.....160.....170.....1



...)))))(((.((((.(...(((.(...)))...)))...)))...)))...
Set_7 UCUGCCGCGGGA CGGGCGUGGGGACCUUCAGCUCCCUCCGAGAAAGAACUUUACAC 230
Set_9 UCUGCCGCGGGA CGGGCGUGGGGACCUUCAGCUCCCUCCGAGAAAGAACUUUACAC 230
Set_4 UCUGCCGCGGGA CGGGCGGGA--CCUCGAGCUCCGCCCUCCGA-ACCGAUUACACAA 223
Set_2 U-UGCCGCGGGA CGGG---GGGACUUUGAGCUCCCCUCUCCGA---ACCGAUACAAA 222
Set_1 U-UGCCGCGGGA CGGG---GGGACUUUGAGCUCCCCUCUCCGA---ACCGAUACAAA 222
Set_3 UGAGCCGCGGGA --GAUGGCGGGA CGUUGCGUUCGCCCUCCGAACCCACCCUUAAC-- 228
Set_8 UGAGCCGCGGGA --GAUGGCGGGA CUUUUAGUUCGCCCUCCGAACCCACCCUUAAC-- 228
Set_5 UGAGCCGCGGGA --GAUGGCGGGA CUUUGCGUUCGCCCUCCAAACCCACCCUUAAC-- 228
Set_6 UGAGCCGCGGGA --GAUGGCGGGA CUUUGCGUUCGCCCUCCAAACCCACCCUUAAC-- 228
80.....190.....200.....210.....220.....230.....2



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Set_7 AUCU 234
Set_9 AUCU 234
Set_4 AUCU 227
Set_2 AUCU 226
Set_1 AUCU 226
Set_3 -UUU 231
Set_8 -UUU 231
Set_5 -UUU 231
Set_6 -UUU 231
40..

