

gggaccugcugggugcggggcgugugagugugugugugagugugugcgcuccgggucacgcucaugcacacacccacacgcccacacucag

| | | | |
|------------------------------------|-----|---|-----|
|ugagGgugugugugugagugug..... | 1 | 1 | GDM |
|ugagugugugugugugagugC..... | 32 | 1 | GDM |
|ugagugugugugCgugagugug..... | 1 | 1 | GDM |
|ugagugugugugCgagugug..... | 1 | 1 | GDM |
|ugagugugugCgugugagugug..... | 3 | 1 | GDM |
|ugagAgugugugugugagugug..... | 3 | 1 | GDM |
|ugagugCgugugugugagugug..... | 2 | 1 | GDM |
|ugagugugugugugGgagugug..... | 1 | 1 | GDM |
|ugagugugugugugagugA..... | 19 | 1 | GDM |
|ugagugugugCgugugagugug..... | 3 | 1 | GDM |
|ugagugugugugugagCgu..... | 2 | 1 | GDM |
|ugagugugugugugagugAg..... | 2 | 1 | GDM |
|ugagAgugugugugugagugug..... | 2 | 1 | GDM |
|ugagugugugugugagugCg..... | 1 | 1 | GDM |
|ugagugCgugugugugagugug..... | 1 | 1 | GDM |
|ugagugugugugugagugGg..... | 4 | 1 | GDM |
|ugagugugugCgugugagugug..... | 2 | 1 | GDM |
|ugaguAugugugugugagugugug..... | 1 | 1 | GDM |
|ugagugugugugugugagCgugug..... | 2 | 1 | GDM |
|cUcgcucaugcacacacc..... | 3 | 1 | GDM |
|cacgcucaugcacacacc..... | 10 | 0 | GDM |
|cacgcucaugcacacaccU..... | 2 | 1 | GDM |
|cacgcucaugcacacaccU..... | 2 | 1 | GDM |
|cacgcucaugcacacacc..... | 10 | 0 | GDM |
|cacgcucaugcacacacc..... | 10 | 0 | GDM |
|cacgcucaugcacacacca..... | 125 | 0 | GDM |
|cacgcucaugcacacacca..... | 125 | 0 | GDM |
|cacgcucaugcacacaccU..... | 1 | 1 | GDM |
|Acgcucaugcacacacca..... | 1 | 1 | GDM |
|cacgcCcaugcacacacca..... | 2 | 1 | GDM |
|cacgcucaugcacacaccC..... | 6 | 1 | GDM |
|cacgcucaugcacacaccC..... | 6 | 1 | GDM |
|cacgcucaugcacacacca..... | 125 | 0 | GDM |
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|cGcgcucaugcacacacca..... | 2 | 1 | GDM |
|cacgcucGugcacacacca..... | 1 | 1 | GDM |
|cacgcucaugcGcacacca..... | 1 | 1 | GDM |
|cacgcucaugcacacaccC..... | 6 | 1 | GDM |
|cacgcucaugcacacaccac..... | 73 | 0 | GDM |
|cacgcucaugcacacaccaU..... | 13 | 1 | GDM |
|cacgcucaugcacacaccaU..... | 13 | 1 | GDM |
|cacgcucaugcacacaccac..... | 73 | 0 | GDM |
|cacgcucaugcacacaccaA..... | 9 | 1 | GDM |
|cacgcucaugcacacaccac..... | 73 | 0 | GDM |
|cacgcucaugcacacaccUc..... | 1 | 1 | GDM |
|cacgcucaugcacacaccaU..... | 13 | 1 | GDM |
|cacgcucaugcacacaccaA..... | 9 | 1 | GDM |
|Acgcucaugcacacaccac..... | 2 | 1 | GDM |
|cacgcucaugcaUacaccac..... | 1 | 1 | GDM |
|cacgcucaugcacacaccaA..... | 9 | 1 | GDM |
|cacgcucaugcacacaccacG..... | 16 | 1 | GDM |
|cacgcucaugcacacaccaAa..... | 3 | 1 | GDM |
|cacgcucaugcacacaccaGa..... | 2 | 1 | GDM |
|cacgcucaugcacacaccacC..... | 10 | 1 | GDM |
|Uacgcucaugcacacaccaca..... | 5 | 1 | GDM |
|cacgcucaugcacacaccacC..... | 10 | 1 | GDM |
|cacgcucaugcacacaccaca..... | 837 | 0 | GDM |
|cacgcucaugcaUacaccaca..... | 2 | 1 | GDM |
|cGcgcucaugcacacaccaca..... | 3 | 1 | GDM |
|cacgcucaugcacaUaccacaca..... | 1 | 1 | GDM |
|cacgcucaugcGcacaccacaca..... | 9 | 1 | GDM |
|cacgcucGugcacacaccacaca..... | 3 | 1 | GDM |
|cacgcucaugcacacaccUca..... | 1 | 1 | GDM |
|cacgcucaugcacacaccacU..... | 61 | 1 | GDM |
|cacgcucaugcacGcacaccaca..... | 5 | 1 | GDM |
|cacgcucaugcacacaccaAa..... | 3 | 1 | GDM |
|cacgcucaugcacacaccaUa..... | 3 | 1 | GDM |
|cacgcucaugcacacGccacaca..... | 3 | 1 | GDM |
|cacgcucaugcacacaccGca..... | 2 | 1 | GDM |

gggaccugcgugggugcggcgugugagugugugugugagugugugucgcuccgggucacgcucaugcacacacccacacgcccacacucagg

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|------------------------------------|-----|---|-----|
|cacgcucaugcaGacacccaca..... | 1 | 1 | GDM |
|cacgcuUaugcacacacccaca..... | 1 | 1 | GDM |
|cacgcucaugcacacacccaGa..... | 2 | 1 | GDM |
|cacgcucaugcacacacUcaca..... | 2 | 1 | GDM |
|cacgcuCgugcacacacccaca..... | 3 | 1 | GDM |
|Uacgcucaugcacacacccaca..... | 5 | 1 | GDM |
|cacgcucaugcacGcaccaca..... | 5 | 1 | GDM |
|cacgcucaugcacacUcccaca..... | 1 | 1 | GDM |
|cacgcucaAgcacacacccaca..... | 2 | 1 | GDM |
|cacgcucaCgcacacacccaca..... | 8 | 1 | GDM |
|cacgcucaugcacacacccacU..... | 61 | 1 | GDM |
|cUcgcucaugcacacacccaca..... | 2 | 1 | GDM |
|cacgcAcaugcacacacccaca..... | 1 | 1 | GDM |
|cGcgcucaugcacacacccaca..... | 3 | 1 | GDM |
|cacgcucaugcacacacccaca..... | 837 | 0 | GDM |
|cacgcuCgugcacacacccaca..... | 3 | 1 | GDM |
|cacgcucaugcaUacacccaca..... | 2 | 1 | GDM |
|cacgcucaugcacacacccacC..... | 10 | 1 | GDM |
|cacgcuCaugcacacacccaca..... | 1 | 1 | GDM |
|cacgcucaugcacacacccaca..... | 837 | 0 | GDM |
|cacgcucaugcacUacacccaca..... | 1 | 1 | GDM |
|cUcgcucaugcacacacccaca..... | 2 | 1 | GDM |
|cacgcucaugcacacacccacG..... | 16 | 1 | GDM |
|cacgcucaugcacacaUcccaca..... | 2 | 1 | GDM |
|cacgcucaugcUcacacccaca..... | 1 | 1 | GDM |
|cacgcucaugcacacacccGca..... | 2 | 1 | GDM |
|cacgcCcaugcacacacccaca..... | 4 | 1 | GDM |
|cacgcucaAgcacacacccaca..... | 2 | 1 | GDM |
|cacgcucaugcacacacccacG..... | 16 | 1 | GDM |
|cacgcucaugcacacacccacU..... | 61 | 1 | GDM |
|cacgcucaugcacacacccaUa..... | 3 | 1 | GDM |
|cacgcCcaugcacacacccaca..... | 4 | 1 | GDM |
|cacgcucaugcGcacacccaca..... | 9 | 1 | GDM |
|cacgcucaugcacacaccUaca..... | 3 | 1 | GDM |
|cacgcucaCgcacacacccaca..... | 8 | 1 | GDM |
|cacgcucaugcacacGcccaca..... | 3 | 1 | GDM |
|cacgcucaugcacacacccacaU..... | 4 | 1 | GDM |
|cacgcucaugcacacacccacaU..... | 4 | 1 | GDM |
|cacgcucaugcacacacccacaA..... | 4 | 1 | GDM |
|cacgcucaugcacacacccacaA..... | 4 | 1 | GDM |
|cacgcucaugcacacacccacaUg..... | 5 | 1 | GDM |
|cacgcucaugcacacacccacaAg..... | 1 | 1 | GDM |
|cacgcucaugcacacacccacaUg..... | 5 | 1 | GDM |
|cacgcucaugcacacacccacacU..... | 2 | 1 | GDM |
|acgcucaugcacacacccaca..... | 1 | 1 | GDM |
|acgcucaugcacacacccaca..... | 1 | 0 | GDM |
|acgcucaugcacacacccacacU..... | 1 | 1 | GDM |
|cgcucaugcacacacccacacU..... | 2 | 1 | GDM |
|gugagugugugugugugagu..... | 4 | 0 | Z2_ |
|ugagugugugugugugagu..... | 48 | 0 | Z2_ |
|Agagugugugugugugagu..... | 1 | 1 | Z2_ |
|ugagugugugugugugagA..... | 9 | 1 | Z2_ |
|ugagugugugugugugagC..... | 1 | 1 | Z2_ |
|ugagAgugugugugugagug..... | 1 | 1 | Z2_ |
|ugagugugugugugugaguA..... | 1 | 1 | Z2_ |
|ugagugugugugugugagug..... | 22 | 0 | Z2_ |
|ugagugugugugugugagugC..... | 12 | 1 | Z2_ |
|ugagugAgugugugugugugug..... | 1 | 1 | Z2_ |
|ugagAgugugugugugugugug..... | 3 | 1 | Z2_ |
|ugagugugugugugugagugA..... | 2 | 1 | Z2_ |
|ugaAugugugugugugugugug..... | 3 | 1 | Z2_ |
|ugagugugugugugugugugug..... | 1 | 1 | Z2_ |
|ugagugugugCgugugagugug..... | 1 | 1 | Z2_ |
|ugagugugugugugugagugCg..... | 1 | 1 | Z2_ |
|ugagugugugCgugugagugugug..... | 1 | 1 | Z2_ |
|ugagugugugugugugagAgugug..... | 1 | 1 | Z2_ |
|ugagugugugugugCgagugugug..... | 1 | 1 | Z2_ |
|cacgcucaugcacacacc..... | 1 | 0 | Z2_ |

gggaccucgugggugcggggcugugagugugugugugagugugucgcuccgggucacgcucaugcacacacccacacgcccacacucaggg

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|------------------------------------|-----|---|-----|
|cagcgucaugcacacaccc..... | 1 | 0 | Z2_ |
|Gacgcucaugcacacaccc..... | 1 | 1 | Z2_ |
|cagcgucaugcacacaccca..... | 21 | 0 | Z2_ |
|cagcgcCcaugcacacacccac..... | 1 | 1 | Z2_ |
|cagcgucaugcacacacccac..... | 35 | 0 | Z2_ |
|cagcgucaugcacacacccaU..... | 4 | 1 | Z2_ |
|cagcgucaCgcacacacccac..... | 1 | 1 | Z2_ |
|cagcgucaugcacacacccaA..... | 3 | 1 | Z2_ |
|cagcgucaugcacacacccacU..... | 30 | 1 | Z2_ |
|cagcgucaugcacacacccacG..... | 4 | 1 | Z2_ |
|cagcgucaugcacacacccacC..... | 3 | 1 | Z2_ |
|cagcgcAcaugcacacacccaca..... | 2 | 1 | Z2_ |
|cagcgucaugcGcacacccaca..... | 2 | 1 | Z2_ |
|cagcgucaugcacacCccaca..... | 1 | 1 | Z2_ |
|cagcgucauAacacacccaca..... | 4 | 1 | Z2_ |
|cagcgucaugcacacaccAaca..... | 1 | 1 | Z2_ |
|cagcgucaugcacacacGcaca..... | 1 | 1 | Z2_ |
|cagcgucaugcacacacUcaca..... | 1 | 1 | Z2_ |
|cagcgucaugcacacGccaca..... | 4 | 1 | Z2_ |
|Uacgcucaugcacacacccaca..... | 1 | 1 | Z2_ |
|cagcgcGugcacacacccaca..... | 2 | 1 | Z2_ |
|cagcgucaCgcacacacccaca..... | 1 | 1 | Z2_ |
|cagcgucaugcaGcacacccaca..... | 1 | 1 | Z2_ |
|cagcgucaugcacacacccaUa..... | 2 | 1 | Z2_ |
|cUcgcucaugcacacacccaca..... | 1 | 1 | Z2_ |
|cGcgcucaugcacacacccaca..... | 3 | 1 | Z2_ |
|cagcgucaugcacacacccaAa..... | 1 | 1 | Z2_ |
|cagcgucaugcacGcacccaca..... | 3 | 1 | Z2_ |
|cagcgucaugcacacacccaca..... | 509 | 0 | Z2_ |
|cagcgcCcaugcacacacccaca..... | 4 | 1 | Z2_ |
|cagcgucaugcaUacacccaca..... | 4 | 1 | Z2_ |
|cagcgucaugcacacacccacUc..... | 1 | 1 | Z2_ |
|cagcgucaugcacacacccacaGg..... | 1 | 1 | Z2_ |
|gugagugugugugugugagug..... | 3 | 0 | Z1_ |
|ugagugugugugugugugag..... | 3 | 0 | Z1_ |
|ugagugugugugugugugagC..... | 4 | 1 | Z1_ |
|Ggagugugugugugugugagug..... | 1 | 1 | Z1_ |
|ugagugugugugugugugagA..... | 1 | 1 | Z1_ |
|ugGgugugugugugugugagug..... | 1 | 1 | Z1_ |
|Cgagugugugugugugugagug..... | 1 | 1 | Z1_ |
|ugagugugugugugugugagug..... | 85 | 0 | Z1_ |
|ugagugugugugugugCgagug..... | 1 | 1 | Z1_ |
|ugagugugugugugugugagug..... | 8 | 0 | Z1_ |
|ugagugugugugugugugagugC..... | 7 | 1 | Z1_ |
|ugagugCgugugugugugagugug..... | 1 | 1 | Z1_ |
|ugagugugugCgugugagugug..... | 1 | 1 | Z1_ |
|ugagugugugugugugagugA..... | 2 | 1 | Z1_ |
|ugaguAugugugugugagugug..... | 1 | 1 | Z1_ |
|cagcgucaugcacacacU..... | 2 | 1 | Z1_ |
|cagcgcUugcacacaccc..... | 1 | 1 | Z1_ |
|cagcgucaugcacacacccC..... | 1 | 1 | Z1_ |
|cagcgucaugcacacacccU..... | 1 | 1 | Z1_ |
|cagcgucaugcacacaccAa..... | 1 | 1 | Z1_ |
|cagcgucaugcacacaccca..... | 27 | 0 | Z1_ |
|cagcgucaugcacacacccUc..... | 1 | 1 | Z1_ |
|cagcgucaugcacacacccac..... | 9 | 0 | Z1_ |
|cagcgucaugcacacacccaA..... | 7 | 1 | Z1_ |
|cagcgucaugcacacacccaU..... | 5 | 1 | Z1_ |
|cagcgucaugcaUacacccac..... | 1 | 1 | Z1_ |
|cagcgucaCgcacacacccaca..... | 6 | 1 | Z1_ |
|cGcgcucaugcacacacccaca..... | 3 | 1 | Z1_ |
|cagcgucaugcaAacacccaca..... | 1 | 1 | Z1_ |
|cagcgucaugcacacaccUaca..... | 2 | 1 | Z1_ |
|cagcgucaugcacacacccacU..... | 24 | 1 | Z1_ |
|cagcgucaugcacacacccacG..... | 1 | 1 | Z1_ |
|cagcguUaugcacacacccaca..... | 1 | 1 | Z1_ |
|cagcgucauAacacacccaca..... | 1 | 1 | Z1_ |
|cagcgcGcaugcacacacccaca..... | 1 | 1 | Z1_ |

gggaccugcgugggugcggcgugugagugugugugugagugugugucgcuccgggucacgcucaugcacacacccacacgcccacacucagg

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|-------------------------------------|-----|---|-----|
|cacgcucaugcacGcaccacaca..... | 2 | 1 | Z1_ |
|cacgcucaugUacacacccacaca..... | 1 | 1 | Z1_ |
|cacgcucaugGcacacccacaca..... | 2 | 1 | Z1_ |
|cacgcucaugcacacaccccGca..... | 3 | 1 | Z1_ |
|cacgcucaugcacacacccacaca..... | 319 | 0 | Z1_ |
|cacgcucaugcacacacccacC..... | 1 | 1 | Z1_ |
|cacUcucaugcacacacccacaca..... | 1 | 1 | Z1_ |
|cacgcucaugcacacacccacaca..... | 1 | 1 | Z1_ |
|cacgcucaugcacacacccacacaU..... | 1 | 1 | Z1_ |
|acgcucaugcacacacccacaca..... | 7 | 0 | Z1_ |
|acgcucaugcacacacccacCU..... | 1 | 1 | Z1_ |
|cgcucaugcacacacccacacCU..... | 1 | 1 | Z1_ |
|gugagugugugugugugagA..... | 1 | 1 | Z3_ |
|ugagugugugugugugag..... | 1 | 0 | Z3_ |
|ugagugugugugugugag..... | 32 | 0 | Z3_ |
|ugagugugugugugugagC..... | 6 | 1 | Z3_ |
|ugagugugugugugugag..... | 3 | 0 | Z3_ |
|ugagugugugugugugagC..... | 3 | 1 | Z3_ |
|ugagugugugugAgugagug..... | 1 | 1 | Z3_ |
|ugagugugugugugagCgu..... | 1 | 1 | Z3_ |
|ugagugugugugugCgagug..... | 1 | 1 | Z3_ |
|ugagugugugugugugagA..... | 5 | 1 | Z3_ |
|ugagugCgugugugugagug..... | 3 | 1 | Z3_ |
|cacgcucaugcacacacccc..... | 1 | 0 | Z3_ |
|cacgcucaAgcacacaccca..... | 1 | 1 | Z3_ |
|cacgcucaugcacacaccca..... | 13 | 0 | Z3_ |
|cacgcucaugcacacaUcca..... | 3 | 1 | Z3_ |
|cacgcucauAcacacaccca..... | 1 | 1 | Z3_ |
|cacgcucaugcacacacccaA..... | 1 | 1 | Z3_ |
|cacgcucaugcacacacccac..... | 9 | 0 | Z3_ |
|cacgcucaugcacacacccaU..... | 5 | 1 | Z3_ |
|cacgcucaugcacacGccac..... | 1 | 1 | Z3_ |
|cacgcucaugcacacacccacG..... | 1 | 1 | Z3_ |
|Uacgcucaugcacacacccacaca..... | 1 | 1 | Z3_ |
|cacgcucaugcacacacccacC..... | 4 | 1 | Z3_ |
|cacgcucaugcacacGcccaca..... | 1 | 1 | Z3_ |
|cacgcucaCgcacacacccacaca..... | 2 | 1 | Z3_ |
|cacgcucaugcacacaUaccacaca..... | 1 | 1 | Z3_ |
|cacgcucaugcacacacccacU..... | 21 | 1 | Z3_ |
|cacgcucauAcacacacccacaca..... | 1 | 1 | Z3_ |
|cacgcucaugcacacacccaUa..... | 1 | 1 | Z3_ |
|cacgcAcaugcacacacccacaca..... | 1 | 1 | Z3_ |
|cacgcucaugcacacacccacaca..... | 145 | 0 | Z3_ |
|cacgcucaugcacacacccacacaA..... | 3 | 1 | Z3_ |