



gugauaauguagcgagauuuucuguugugcuugaucuaaccaugggugcgagguaugaguaaacaugguuccgucaagcaccauggaacgucacgcagcuuucua

|                                   |     |   |     |
|-----------------------------------|-----|---|-----|
| .....uugugcuugaucuaaccaugC.....   | 31  | 1 | GDM |
| .....uugugcuugaucuaaccaugG.....   | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaugG.....   | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaugG.....   | 3   | 1 | GDM |
| .....uugugcuugaucuaaccaugG.....   | 5   | 1 | GDM |
| .....uugugcuugaucuaaccaugC.....   | 2   | 1 | GDM |
| .....uugCgcuugaucuaaccaug.....    | 3   | 1 | GDM |
| .....uugugcuugaucuaaccaug.....    | 4   | 1 | GDM |
| .....uugugcuugaucuaaccaugA.....   | 14  | 1 | GDM |
| .....Gugugcuugaucuaaccaug.....    | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaugC.....   | 31  | 1 | GDM |
| .....uugugcuugaucuaaccaugG.....   | 5   | 1 | GDM |
| .....uugugcuugaucuaaccaug.....    | 353 | 0 | GDM |
| .....uugugcuugaucuaaccaugC.....   | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaug.....    | 2   | 1 | GDM |
| .....uugGgcuugaucuaaccaug.....    | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaug.....    | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaugA.....   | 14  | 1 | GDM |
| .....uugugcuugaucuaaccaug.....    | 3   | 1 | GDM |
| .....uugugcuugaucuaaccaug.....    | 353 | 0 | GDM |
| .....uugugcuugaucuaaccaug.....    | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaug.....    | 31  | 1 | GDM |
| .....uugugcuugaucuaaccaug.....    | 353 | 0 | GDM |
| .....uugugcuugaucuaaccaug.....    | 4   | 1 | GDM |
| .....uugugcuuAaucuaaccaug.....    | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaug.....    | 1   | 1 | GDM |
| .....uugugcuugaucCaaccaug.....    | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaug.....    | 49  | 0 | GDM |
| .....uugugcuugaucuaaccaugG.....   | 7   | 1 | GDM |
| .....uugugcuugaucuaaccaugU.....   | 3   | 1 | GDM |
| .....uugugcuugaucuaaccaug.....    | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaugA.....   | 3   | 1 | GDM |
| .....uugugcuugaucuaaccaugA.....   | 3   | 1 | GDM |
| .....uugugcuugaucuaaccaug.....    | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaug.....    | 49  | 0 | GDM |
| .....uugugcuugaucuaaccaug.....    | 49  | 0 | GDM |
| .....uugugcuugaucuaaccaugU.....   | 3   | 1 | GDM |
| .....uugugcuugaucuaaccauggg.....  | 36  | 0 | GDM |
| .....uugugcuugaucuaaccaugU.....   | 36  | 1 | GDM |
| .....uugugcuugaucuaaccaugA.....   | 33  | 1 | GDM |
| .....uugugcuugaucuaaccaugA.....   | 33  | 1 | GDM |
| .....uugugcuugaucuaaccaugA.....   | 33  | 1 | GDM |
| .....uugugcuugaucuaaccauggg.....  | 36  | 0 | GDM |
| .....uugugcuugaucuaaccauggg.....  | 36  | 0 | GDM |
| .....uugugcuugaucuaaccaugU.....   | 36  | 1 | GDM |
| .....uugugcuugaucuaaccaugC.....   | 2   | 1 | GDM |
| .....uugugcuuAaucuaaccauggg.....  | 3   | 1 | GDM |
| .....uugugcuugaucuaaccaugA.....   | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaugC.....   | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaugU.....   | 2   | 1 | GDM |
| .....uugugcuugaucuaaccaugggA..... | 18  | 1 | GDM |
| .....Augugcuugaucuaaccauggg.....  | 3   | 1 | GDM |
| .....uugugcuugaucuaaccauggg.....  | 6   | 0 | GDM |
| .....uugugcuugaucuaaccaugggA..... | 18  | 1 | GDM |
| .....Gugugcuugaucuaaccauggg.....  | 1   | 1 | GDM |
| .....uugugcuugaucuaaccaugU.....   | 1   | 1 | GDM |
| .....uugugcuugaucuaaccauggg.....  | 5   | 0 | GDM |
| .....uugugcuugaucuaaccauggg.....  | 1   | 0 | GDM |
| .....Cuugugcuugaucuaaccaug.....   | 1   | 1 | Z1_ |
| .....uugugcuugaucuaaccaug.....    | 2   | 0 | Z1_ |
| .....uugugcuugaucuaaccaug.....    | 1   | 1 | Z1_ |
| .....uugugcuugaucuaaccaug.....    | 1   | 1 | Z1_ |
| .....uugugcuugaucuaaccaug.....    | 142 | 0 | Z1_ |
| .....uugCgcuugaucuaaccaug.....    | 1   | 1 | Z1_ |
| .....uugugcuugaucuaaccaug.....    | 1   | 1 | Z1_ |
| .....Gugugcuugaucuaaccaug.....    | 1   | 1 | Z1_ |

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|                                       |    |   |     |
|---------------------------------------|----|---|-----|
| .....uugugcuugaucuaaccaugA.....       | 3  | 1 | Z1_ |
| .....uugugcuugaCuaaccaugu.....        | 1  | 1 | Z1_ |
| .....uugAgcuugaucuaaccaugu.....       | 1  | 1 | Z1_ |
| .....uugugcuugaucuaaccaCgu.....       | 1  | 1 | Z1_ |
| .....uugugcuugaucCaaccaugu.....       | 2  | 1 | Z1_ |
| .....uGugcuugaucuaaccaugu.....        | 2  | 1 | Z1_ |
| .....uugugcuugaucuaGccaugu.....       | 1  | 1 | Z1_ |
| .....uugugcuugaucuaaccaugC.....       | 5  | 1 | Z1_ |
| .....Augugcuugaucuaaccaugu.....       | 1  | 1 | Z1_ |
| .....uugCgcuugaucuaaccaugug.....      | 1  | 1 | Z1_ |
| .....uugugcCugaucuaaccaugug.....      | 1  | 1 | Z1_ |
| .....uugugcuugaucuaaccauguU.....      | 1  | 1 | Z1_ |
| .....uugugcuugaucuaaccaugug.....      | 24 | 0 | Z1_ |
| .....Augugcuugaucuaaccaugug.....      | 2  | 1 | Z1_ |
| .....uugugcuugaucuaaccUugug.....      | 2  | 1 | Z1_ |
| .....uugugcuugaucuaacUaugug.....      | 1  | 1 | Z1_ |
| .....uugugcuugaucuaaccaugCg.....      | 1  | 1 | Z1_ |
| .....uugugcuugaucuaaccauguA.....      | 2  | 1 | Z1_ |
| .....uugugcuugaucuaaccaugugC.....     | 1  | 1 | Z1_ |
| .....uugugcuugaucuaaccaugugU.....     | 31 | 1 | Z1_ |
| .....uugugcuugaucuaaccaugugA.....     | 12 | 1 | Z1_ |
| .....uugugcuugaucuaaccaugugg.....     | 2  | 0 | Z1_ |
| .....uugugcuugaucuaaccauguggu.....    | 1  | 0 | Z1_ |
| .....uugugcuugaucuaaccauguggA.....    | 3  | 1 | Z1_ |
| .....uugugcuugaucuaaccaugugUu.....    | 2  | 1 | Z1_ |
| .....uugugcuugaucuaaccaugugAu.....    | 1  | 1 | Z1_ |
| .....uugugcuugaucuaaccaugugguugU..... | 2  | 1 | Z1_ |
| .....uugugcuugaucuaaccaug.....        | 1  | 0 | Z3_ |
| .....uugugcuugaucuaaccaugu.....       | 68 | 0 | Z3_ |
| .....uugugcuugaAuAuaaccaugu.....      | 1  | 1 | Z3_ |
| .....uugugcuugaucuaaccaugug.....      | 3  | 0 | Z3_ |
| .....uugugcuugaucuaaccaugugA.....     | 5  | 1 | Z3_ |
| .....uugugcuugaucuaaccaugugU.....     | 13 | 1 | Z3_ |
| .....uugugcuugaucuaaccaugugg.....     | 3  | 0 | Z3_ |
| .....uugugcuugaucuaaccauguggu.....    | 3  | 0 | Z3_ |