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@A00721:190:HGJW7DSXY:4:1315:15691:1924 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2154:14832:16376 2:N:0:TCTGCAAG+GCTGCACT
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TGCTTTAGCAGTTGATTGATGGATTCTGCTTCCAAGAAGAGGAAGTGGTAAAAGGACCGCCGGTTATC
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@A00721:190:HGJW7DSXY:4:2231:29089:5682 2:N:0:TCTGCAAG+GCTGCACT
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TGCTTTAGCAGTTGATTGATGGATTCGTCTTCCAAGAAGAGGAAGTGGTAAAAGGACCGCCGTTATC
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@A00721:190:HGJW7DSXY:4:2413:25925:4210 2:N:0:TCTGCAAG+GCTGCACT
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TGCTTTAGCAGTTGATTGATGGATTCGTCTTCCAAGAAGAGGAAGTGGTAAAAGGACCGCCGTTATC
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@A00721:190:HGJW7DSXY:4:2465:19786:16501 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2475:30544:13651 2:N:0:TCTGCAAG+GCTGCACT
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GCGTCACTATAG

@A00721:190:HGJW7DSXY:4:2518:7129:2347 2:N:0:TCTGCAAG+GCTGCACT
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TGCTTTAGCAGTTGATTGATGGATTCGTCTTCCAAGAAGAGGAAGTGGTAAAAGGACCGCCGTTATC
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CAATCAACTGCTAAAGCAGTCATCAACACAATAAATATAAATTTTGAATTTCAAATTGACCGTCGAT
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@A00721:190:HGJW7DSXY:4:1253:8802:29074 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1430:27127:3192 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1457:4101:3427 2:N:0:TCTGCAAG+GCTGCACT
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TCTACTGCGTCACTA

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@A00721:190:HGJW7DSXY:4:1619:11785:6151 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2132:10755:12164 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2138:16523:35243 2:N:0:TCTGCAAG+GCTGCACT
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CAATCAACTGCTAAAGCAGTCATCAACACAATAAATATAAATTTTGAATTTCAAATTGACCGTCGAT
TCTACTGCGGCACTA

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@A00721:190:HGJW7DSXY:4:1153:20030:5838 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1309:18295:35462 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1331:21667:36417 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1332:32678:4789 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1345:8513:19022 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1539:18159:22013 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2153:11930:29888 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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@A00721:190:HGJW7DSXY:4:1442:18403:17268 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1448:14796:13996 2:N:0:TCTGCAAG+GCTGCACT
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CTCTTCTTGGAAGACGAATCCATCAATCAACTGCTAAAGCAGTCATCAACACAATAAATATAAATTTT
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@A00721:190:HGJW7DSXY:4:2159:14588:17895 2:N:0:TCTGCAAG+GCTGCACT
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GAATTTCAAAATTGA

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@A00721:190:HGJW7DSXY:4:2618:30897:21590 2:N:0:TCTGCAAG+GCTGCACT
TGTTGAATTGCAACACTCGTCGTGTTTTACGATAACCGGCGGTCCTAAACGGACCGCTGACCACTTC
CTCTTCTTGGAAGACGAATCCATCAATCAACTGCTAAAGCAGTCATCAACACAATAAATATAAATTTT
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@A00721:190:HGJW7DSXY:4:2677:8793:23265 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2677:8730:24158 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2545:10691:29747 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2160:16396:12915 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1439:4987:19993 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2356:5873:16986 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2516:22489:9314 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1513:27444:5024 2:N:0:TCTGCAAG+GCTGCACT
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AGCAGTCATCAACAC

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@A00721:190:HGJW7DSXY:4:2207:20193:31391 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2232:26250:9032 2:N:0:TCTGCAAG+GCTGCACT
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AGCAGTCATCAACAC

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@A00721:190:HGJW7DSXY:4:2427:24858:14011 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2348:8052:22420 2:N:0:TCTGCAAG+GCTGCACT
CCACTGAACCGGCAGCTGTGACCGCTGAGTCCTGTTGAATTGCAACACTCGTCGTGTTTTACGATAAC

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@A00721:190:HGJW7DSXY:4:2514:9435:22091 2:N:0:TCTGCAAG+GCTGCACT
AGCAGTTGATTGATGGATTCTGCTTCCAAGAAGAGGAAGTGGTCAGGCGGTCCGTTTAGGACCGCCGG
TTATCGTAAAACACGACGAGTGTTGCAATACAACAGGACTCAGCGGTCACAGCTGCCGGTTCAGTGGT
CGAGGTCT

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@A00721:190:HGJW7DSXY:4:1155:8350:14450 2:N:0:TCTGCAAG+GCTGCACT
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CCATCAATCAACTGC

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@A00721:190:HGJW7DSXY:4:2112:6705:13949 2:N:0:TCTGCAAG+GCTGCACT
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TGTTTTACGATAACCGGCGGTCTAAACGGACCGCCTGACCACTTCCTCTTCTTGAAGACGAATCCA
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@A00721:190:HGJW7DSXY:4:2669:22878:31626 2:N:0:TCTGCAAG+GCTGCACT
TATCTCAGAGACCTCGACCACTGAACCGGCAGCTGTGACCGCTGAGTCCTGTTGAATTGCAACACTCG
TCGTGTTTTACGATAACCGGCGGTCTAAACGGACCGCCTGACCACTTCCTCTTCTTGAAGACGAAT
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@A00721:190:HGJW7DSXY:4:1418:13819:21167 2:N:0:TCTGCAAG+GCTGCACT
GTTGATTGATGGATTCTGCTTCCAAGAAGAGGAAGTGGTCAGGCGGTCCGTTTAGGACCGCCGGTTATC
CGTAAAACACGACGAGTGTTGCAATTCAACAGGACTCAGCGGTCACAGCTGCCGGTTCAGTGGTCGAG
GTCTCTGAGATATAA

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@A00721:190:HGJW7DSXY:4:1617:21920:26804 2:N:0:TCTGCAAG+GCTGCACT
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TCTCTGAGATATAA

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@A00721:190:HGJW7DSXY:4:1271:10809:9878 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1540:7835:19758 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1559:12255:16986 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1635:28501:35571 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2106:25961:33708 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2212:9182:6245 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2261:19343:28886 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2618:12635:32769 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1101:21432:30405 2:N:0:TCTGCAAG+GCTGCACT
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AATTGCAACACTCGTCGTGTTTTACGATAACCGGCGGTCCTAAACGGACCGCCTGACCACTTCCTCTT
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@A00721:190:HGJW7DSXY:4:2217:25690:7560 2:N:0:TCTGCAAG+GCTGCACT
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AATTGCAACACTCGTCGTGTTTTACGATAACCGGCGGTCCTAAACGGACCGCCTGACCACTTCCTCTT
CTTGAAGACGAATC

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@A00721:190:HGJW7DSXY:4:1114:31132:21465 2:N:0:TCTGCAAG+GCTGCACT
ACCAAGTCTTCGATTATATCTCAGAGACCTCGACCACTGAACCGGCAGCTGTGACCGCTGAGTCCTGT
TGAATTGCAACACTCGTCGTGTTTTACGATAACCGGCGGTCCTAAACGGACCGCCTGACCACTTCCTC
TTCTTGAAGACGAA

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@A00721:190:HGJW7DSXY:4:1552:27751:28855 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2119:19054:35493 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1469:26096:13964 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1531:18204:21465 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1536:15989:34663 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1658:27914:31610 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1659:17336:27038 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2505:16984:13714 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2554:17345:20885 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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@A00721:190:HGJW7DSXY:4:2529:5791:13808 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2329:5728:30890 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1175:21278:28855 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1219:23809:2988 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1219:23475:3161 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1337:23791:1799 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1347:11939:8829 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2222:22806:18380 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1412:32181:12884 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2231:28483:22795 2:N:0:TCTGCAAG+GCTGCACT
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ACCGCCTGACCACTT

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@A00721:190:HGJW7DSXY:4:2402:12644:5415 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2637:18331:14888 2:N:0:TCTGCAAG+GCTGCACT
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GGACCGCCTGACCAC

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@A00721:190:HGJW7DSXY:4:1130:32009:16908 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1647:1732:13135 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2469:30816:24173 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1554:13738:4022 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2229:11749:12070 2:N:0:TCTGCAAG+GCTGCACT
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TCAGAGACCTCGACCACTGAACCGGCAGCTGTGACCGCTGAGTCCTGTTGAATTGCAACACTCGTCGT
GTTTTACGATAACCG

@A00721:190:HGJW7DSXY:4:2476:7591:1579 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2523:28863:25864 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2535:28628:11804 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2536:23411:33802 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2618:30445:3396 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1441:8504:20259 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2214:18954:2597 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2532:2456:2519 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2672:7708:24361 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1228:20410:7247 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1304:9525:26788 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1441:28754:18693 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2669:19569:18630 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2346:4110:31219 2:N:0:TCTGCAAG+GCTGCACT
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GACCGCTGAGTCCTG

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@A00721:190:HGJW7DSXY:4:2538:5882:14403 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1132:11071:4131 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2155:17038:31250 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2352:18792:31814 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2433:9824:11146 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2622:9643:14278 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1272:1805:1986 2:N:0:TCTGCAAG+GCTGCACT
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GACCACTGAACCGGC

[illegible]

5' CGAGGTTCCAGTAGGACAATCATTTATACAAACGATACTGCCAACGTCCACAATATTATTA AACTCTGA
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[illegible]

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GACCACTGAACCGGC

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5' CGAGGTTCCAGTAGGACAATCATTTATACAAACGATACTGCCAACGTCCACAATATTATTAACTCTGA
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[illegible]

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[illegible]

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 ĆGAGGTTCCAGTAGGACAATCATTTATACAAACGATACTGCCAACGTCCACAATATTATTA ACTCTGA
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@A00721:190:HGJW7DSXY:4:2172:29152:8328 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2307:9136:15781 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2447:2049:26459 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1167:28501:19852 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1256:1895:6183 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1136:1398:19883 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1359:20184:27743 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1359:19569:28902 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1574:15203:9502 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1148:18521:18630 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1315:10583:24017 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1460:25654:17362 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2242:17635:29904 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2247:11505:31939 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2413:7726:29089 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1674:12843:14747 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2227:15718:5040 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2503:8088:31939 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1169:24885:34507 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2577:15221:4993 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1328:31358:20791 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1551:20726:2534 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1619:5810:6574 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2278:7808:13197 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1223:27905:35853 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2142:18159:22420 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1357:27299:21402 2:N:0:TCTGCAAG+GCTGCACT
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TATGAACATTGGCTTCGCTAGTCAACTTAAGTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTC
TGGGTATGTCTCGTATCGACCGAGGTTCCAGTAGGACAATCATTTATACAAACGATACTGCCAACGTC
CACAATATTATTAAC

[illegible]

@A00721:190:HGJW7DSXY:4:2157:4833:12399 2:N:0:TCTGCAAG+GCTGCACT
TATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTC
TGGGTATGTCTCGTATCGACCGAGGTTCCAGTAGGACAATCATTTATACAAACGATACTGCCAACGTC
CACAATATTATTAAC

[illegible]

@A00721:190:HGJW7DSXY:4:2409:22896:27962 2:N:0:TCTGCAAG+GCTGCACT
TATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTC
TGGGTATGTCTCGTATCGACCGAGGTTCCAGTAGGACAATCATTTATACAAACGATACTGCCAACGTC
CACAATATTATTAAC

[illegible]

@A00721:190:HGJW7DSXY:4:2430:15185:17801 2:N:0:TCTGCAAG+GCTGCACT
TATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTC
TGGGTATGTCTCGTATCGACCGAGGTTCCAGTAGGACAATCATTTATACAAACGATACTGCCAACGTC
CACAATATTATTAAC

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@A00721:190:HGJW7DSXY:4:2430:14850:18693 2:N:0:TCTGCAAG+GCTGCACT
TATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTC
TGGGTATGTCTCGTATCGACCGAGGTTCCAGTAGGACAATCATTTATACAAACGATACTGCCAACGTC
CACAATATTATTAAC

[illegible]

@A00721:190:HGJW7DSXY:4:1447:6189:34413 2:N:0:TCTGCAAG+GCTGCACT
CCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAA
TTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCCAGTAGGACAATCATTTATA
CAAACGATACTGCCA

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@A00721:190:HGJW7DSXY:4:1519:8983:35368 2:N:0:TCTGCAAG+GCTGCACT
CCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAA
TTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCCAGTAGGACAATCATTTATA
CAAACGATACTGCCA

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@A00721:190:HGJW7DSXY:4:1608:18973:5447 2:N:0:TCTGCAAG+GCTGCACT
CCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAA
TTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCCAGTAGGACAATCATTTATA
CAAACGATACTGCCA

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@A00721:190:HGJW7DSXY:4:1634:12726:19429 2:N:0:TCTGCAAG+GCTGCACT
CCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAA
TTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCCAGTAGGACAATCATTTATA
CAAACGATACTGCCA

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@A00721:190:HGJW7DSXY:4:2152:1172:10911 2:N:0:TCTGCAAG+GCTGCACT
CCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAA
TTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCCAGTAGGACAATCATTTATA
CAAACGATACTGCCA

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@A00721:190:HGJW7DSXY:4:2557:4092:21355 2:N:0:TCTGCAAG+GCTGCACT
CCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAA
TTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCCAGTAGGACAATCATTTATA
CAAACGATACTGCCA

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@A00721:190:HGJW7DSXY:4:2562:25211:33912 2:N:0:TCTGCAAG+GCTGCACT
CCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAA
TACGATTCCATCTCACTGTCTGGGTATGTCTCGTATCGACCGAGGTTCCAGTAGGACAATCATTTATA
CAAACGATACTGCCA

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@A00721:190:HGJW7DSXY:4:2548:26368:10802 2:N:0:TCTGCAAG+GCTGCACT
CCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAA
TTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCCAGTAGGACAATCATTTATA
CAAACGATACTGCC

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@A00721:190:HGJW7DSXY:4:2248:11207:34303 2:N:0:TCTGCAAG+GCTGCACT
CGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCG

@A00721:190:HGJW7DSXY:4:1337:4616:2754 2:N:0:TCTGCAAG+GCTGCACT
ATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAA
CTGAACCGTTAAGCACAAATTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCCA
GTAGGACAATCATTT

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@A00721:190:HGJW7DSXY:4:2614:12979:1141 2:N:0:TCTGCAAG+GCTGCACT
ATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAA
CTGAACCGTTAAGCACAATTTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCCA
GTAGGACAATCATTT

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@A00721:190:HGJW7DSXY:4:1161:25744:3803 2:N:0:TCTGCAAG+GCTGCACT
CTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTT
AACTGAACCGTTAAGCACAATTTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCC
CAGTAGGACAATCAT

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@A00721:190:HGJW7DSXY:4:1166:17833:19445 2:N:0:TCTGCAAG+GCTGCACT
CTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTT
AACTGAACCGTTAAGCACAATTTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCC
CAGTAGGACAATCAT

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@A00721:190:HGJW7DSXY:4:1241:23583:18223 2:N:0:TCTGCAAG+GCTGCACT
CTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTT
AACTGAACCGTTAAGCACAATTTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCC
CAGTAGGACAATCAT

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@A00721:190:HGJW7DSXY:4:1514:4589:7467 2:N:0:TCTGCAAG+GCTGCACT
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AACTGAACCGTTAAGCACAATTTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCC
CAGTAGGACAATCAT

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@A00721:190:HGJW7DSXY:4:1578:3314:7357 2:N:0:TCTGCAAG+GCTGCACT
CTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTT
AACTGAACCGTTAAGCACAATTTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCC
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@A00721:190:HGJW7DSXY:4:1653:31675:5807 2:N:0:TCTGCAAG+GCTGCACT
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AACTGAACCGTTAAGCACAATTTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTCC
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@A00721:190:HGJW7DSXY:4:1673:29903:23563 2:N:0:TCTGCAAG+GCTGCACT
CTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTT
AACTGAACCGTTAAGCACAATTTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTC
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@A00721:190:HGJW7DSXY:4:2204:17824:20369 2:N:0:TCTGCAAG+GCTGCACT
CTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTT
AACTGAACCGTTAAGCACAATTTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTC
CAGTAGGACAATCAT

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@A00721:190:HGJW7DSXY:4:2368:22553:4914 2:N:0:TCTGCAAG+GCTGCACT
CTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTT
AACTGAACCGTTAAGCACAATTTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTC
CAGTAGGACAATCAT

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@A00721:190:HGJW7DSXY:4:2378:15320:3098 2:N:0:TCTGCAAG+GCTGCACT
CTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTT
AACTGAACCGTTAAGCACAATTTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTC
CAGTAGGACAATCAT

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@A00721:190:HGJW7DSXY:4:2407:31955:35196 2:N:0:TCTGCAAG+GCTGCACT
CTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTT
AACTGAACCGTTAAGCACAATTTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTC
CAGTAGGACAATCAT

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@A00721:190:HGJW7DSXY:4:2509:14371:19053 2:N:0:TCTGCAAG+GCTGCACT
CTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTT
AACTGAACCGTTAAGCACAATTTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCGACCGAGGTTC
CAGTAGGACAATCAT

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@A00721:190:HGJW7DSXY:4:2569:17996:35227 2:N:0:TCTGCAAG+GCTGCACT
CTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTT

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@A00721:190:HGJW7DSXY:4:2102:12888:7467 2:N:0:TCTGCAAG+GCTGCACT
ACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGC
TAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCG
ACCGAGGTTCCAGTA

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@A00721:190:HGJW7DSXY:4:2108:10565:9674 2:N:0:TCTGCAAG+GCTGCACT
ACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGC
TAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCG
ACCGAGGTTCCAGTA

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@A00721:190:HGJW7DSXY:4:2531:19768:35102 2:N:0:TCTGCAAG+GCTGCACT
ACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGC
TAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCG
ACCGAGGTTCCAGTA

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@A00721:190:HGJW7DSXY:4:2625:6090:26506 2:N:0:TCTGCAAG+GCTGCACT
ACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGC
TAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATCG
ACCGAGGTTCCAGTA

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@A00721:190:HGJW7DSXY:4:1273:6361:29356 2:N:0:TCTGCAAG+GCTGCACT
TACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCG
CTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTCTGGGTATGTCTCGTATC
GACCGAGGTTCCAGT

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@A00721:190:HGJW7DSXY:4:1303:7491:30843 2:N:0:TCTGCAAG+GCTGCACT
AATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCT
TCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTCTGGGTATGTCTCGT
ATCGACCGAGGTTCC

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@A00721:190:HGJW7DSXY:4:1346:23628:3521 2:N:0:TCTGCAAG+GCTGCACT
AATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACATTGGCT

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@A00721:190:HGJW7DSXY:4:1350:24659:17644 2:N:0:TCTGCAAG+GCTGCACT
ATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACAT
TGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTCTGGGTATGT
CTCGTATCGACCGAG

@A00721:190:HGJW7DSXY:4:1578:15546:17425 2:N:0:TCTGCAAG+GCTGCACT
ATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACAT
TGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTCTGGGTATGT
CTCGTATCGACCGAG

@A00721:190:HGJW7DSXY:4:2169:4761:3693 2:N:0:TCTGCAAG+GCTGCACT
ATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACAT
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CTCGTATCGACCGAG

@A00721:190:HGJW7DSXY:4:2237:5394:16877 2:N:0:TCTGCAAG+GCTGCACT
ATTAGAATTACCGGGACGTCTATCATACAGCCACATCCACAGCCACTGCTTCATATTATGAACAT
TGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTCTGGGTATGT
CTCGTATCGACCGAG

@A00721:190:HGJW7DSXY:4:2259:13268:3834 2:N:0:TCTGCAAG+GCTGCACT
ATTAGAATTACGGGACGTCTATCATACAGACCACATCCACAGCCACTGCTTCATATTATGAACAT
TGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCACTTTCTGGGTATGT
CTCGTATCGACCGAG

@A00721:190:HGJW7DSXY:4:2450:31467:20290 2:N:0:TCTGCAAG+GCTGCACT
ATTAGAATTACGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACAT
TGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTGATTCCATCTCACTTTCTGGGTATGT
CTCGTATCGACCGAG

@A00721:190:HGJW7DSXY:4:2508:4643:6151 2:N:0:TCTGCAAG+GCTGCACT
ATTAGAATTACGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAACAT
TGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAAATTCGATTCCATCTCACTTTCTGGGTATGT
CTCGTATCGACCGAG

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@A00721:190:HGJW7DSXY:4:1569:20754:19398 2:N:0:TCTGCAAG+GCTGCACT
ACGAGACATACCCAGAAAGTGAGATGGAATCGAATTGTGCTTAACGGTTCAGTTAAGTTGACTAGCGA

@A00721:190:HGJW7DSXY:4:1543:8133:35399 2:N:0:TCTGCAAG+GCTGCACT
CTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCT
TCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAAATTCGATTCCATCTC
ACTTTCTGGGTATGT

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@A00721:190:HGJW7DSXY:4:2101:31656:29293 2:N:0:TCTGCAAG+GCTGCACT
CATACCCAGAAAGTGAGATGGAATCGAATTGTGCTTAACGGTTCAGTTAAGTTGACTAGCGAAGCCAA
TGTTCATAATATGAAGCAGTGGCTGTGGATGTGGCTCGTGTATGATAGACGTCCCGGTAATTCTAATC
CCAGAGTGAATGAGA

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@A00721:190:HGJW7DSXY:4:2167:6831:17581 2:N:0:TCTGCAAG+GCTGCACT
CATACCCAGAAAGTGAGATGGAATCGAATTGTGCTTAACGGTTCAGTTAAGTTGACTAGCGAAGCCAA
TGTTCATAATATGAAGCAGTGGCTGTGGATGTGGCTCGTGTATGATAGACGTCCCGGTAATTCTAATC
CCAGAGTGAATGAGA

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@A00721:190:HGJW7DSXY:4:1274:16315:24706 2:N:0:TCTGCAAG+GCTGCACT
CATTCCTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTC
ATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAAATTCGATTCCATCTCAC
TTTCTGGGTAT

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@A00721:190:HGJW7DSXY:4:1330:30454:11083 2:N:0:TCTGCAAG+GCTGCACT
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ATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAAATTCGATTCCATCTCAC
TTTCTGGGTAT

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@A00721:190:HGJW7DSXY:4:1337:13711:8171 2:N:0:TCTGCAAG+GCTGCACT
CATTCCTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTC
ATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAAATTCGATTCCATCTCAC
TTTCTGGGTAT

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@A00721:190:HGJW7DSXY:4:1376:17056:1626 2:N:0:TCTGCAAG+GCTGCACT
CATTCCTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTC
ATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAAATTCGATTCCATCTCAC
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@A00721:190:HGJW7DSXY:4:1376:16288:2080 2:N:0:TCTGCAAG+GCTGCACT
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ATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCAC
TTTCTGGGTAT

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@A00721:190:HGJW7DSXY:4:1502:11026:4554 2:N:0:TCTGCAAG+GCTGCACT
CATTTACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTC
ATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCAC
TTTCTGGGTAT

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@A00721:190:HGJW7DSXY:4:1663:19352:11397 2:N:0:TCTGCAAG+GCTGCACT
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ATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCAC
TTTCTGGGTAT

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@A00721:190:HGJW7DSXY:4:2328:3043:7294 2:N:0:TCTGCAAG+GCTGCACT
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ATATTATGAACATAGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCAC
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@A00721:190:HGJW7DSXY:4:2507:21558:13589 2:N:0:TCTGCAAG+GCTGCACT
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ATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCAC
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@A00721:190:HGJW7DSXY:4:2507:31186:15953 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2615:2166:23156 2:N:0:TCTGCAAG+GCTGCACT
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ATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTCAC
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@A00721:190:HGJW7DSXY:4:2626:9091:31704 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2635:30626:8719 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1530:18837:32487 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2242:22815:21402 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2457:12138:23422 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2635:32705:9095 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2278:1705:20572 2:N:0:TCTGCAAG+GCTGCACT
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TCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGATTCCATCTC
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@A00721:190:HGJW7DSXY:4:2539:27145:19758 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2633:6705:24283 2:N:0:TCTGCAAG+GCTGCACT
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CACTTTCTGAGATCG

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@A00721:190:HGJW7DSXY:4:1271:29080:7733 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1372:25355:14967 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2402:16559:5181 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1308:7030:20087 2:N:0:TCTGCAAG+GCTGCACT
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GCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCGA
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@A00721:190:HGJW7DSXY:4:1308:8106:20854 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1356:24478:34773 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1516:6876:35227 2:N:0:TCTGCAAG+GCTGCACT
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GCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTCTGA
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@A00721:190:HGJW7DSXY:4:2420:10945:9173 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2465:1145:26303 2:N:0:TCTGCAAG+GCTGCACT
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TTCCATCTCACTTTC

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@A00721:190:HGJW7DSXY:4:1143:28501:9361 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1408:13865:27727 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2177:16215:21496 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2238:16541:31704 2:N:0:TCTGCAAG+GCTGCACT
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AGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTTCG
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@A00721:190:HGJW7DSXY:4:2307:6623:9424 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2677:3549:36104 2:N:0:TCTGCAAG+GCTGCACT
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AGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTTCG
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@A00721:190:HGJW7DSXY:4:1102:8847:6261 2:N:0:TCTGCAAG+GCTGCACT
CCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCA
CAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTC
GATTCCATCTCACTT

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@A00721:190:HGJW7DSXY:4:1206:28248:5478 2:N:0:TCTGCAAG+GCTGCACT
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CAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTC
GATTCCATCTCACTT

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@A00721:190:HGJW7DSXY:4:1239:16532:3035 2:N:0:TCTGCAAG+GCTGCACT
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AGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAATTTCG
ATTCCATCTCACTT

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@A00721:190:HGJW7DSXY:4:1267:18493:6402 2:N:0:TCTGCAAG+GCTGCACT
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GATTCCATCTCACTT

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@A00721:190:HGJW7DSXY:4:2219:24099:10535 2:N:0:TCTGCAAG+GCTGCACT
CCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCA
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GATTCCATCTCACTT

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@A00721:190:HGJW7DSXY:4:2239:21215:34350 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2170:2618:18176 2:N:0:TCTGCAAG+GCTGCACT
CCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATC
CACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAAAT
TCGATTCCATCTCAC

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@A00721:190:HGJW7DSXY:4:2411:17888:10833 2:N:0:TCTGCAAG+GCTGCACT
CCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATC
CACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAAAT
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@A00721:190:HGJW7DSXY:4:2525:30653:31876 2:N:0:TCTGCAAG+GCTGCACT
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CACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCACAAAT
TCGATTCCATCTCAC

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@A00721:190:HGJW7DSXY:4:1140:31186:26162 2:N:0:TCTGCAAG+GCTGCACT
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CATCCACAGCCACTGCTTCATATTATGAACATTGGCTTCGCTAGTCAACTTAACTGAACCGTTAAGCA
CAATTCGATTCCATC

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@A00721:190:HGJW7DSXY:4:1315:22525:20870 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1444:30029:25410 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2148:8757:34976 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2148:11704:35728 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2204:30165:35258 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2206:1434:31751 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2260:15257:31454 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2349:12572:11052 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2601:17318:4617 2:N:0:TCTGCAAG+GCTGCACT
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CAATTCGATTCCATC

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@A00721:190:HGJW7DSXY:4:2664:18014:21010 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1571:16794:29262 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2624:12355:24799 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2638:16812:15358 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2660:22327:25379 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1145:2157:8891 2:N:0:TCTGCAAG+GCTGCACT
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GGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAAC
ATTGGCTTCGCTAGT

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@A00721:190:HGJW7DSXY:4:2131:14705:33505 2:N:0:TCTGCAAG+GCTGCACT
CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
GGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAAC
ATTGGCTTCGCTAGT

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@A00721:190:HGJW7DSXY:4:2225:12102:27461 2:N:0:TCTGCAAG+GCTGCACT
CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
GGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAAC
ATTGGCTTCGCTAGT

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@A00721:190:HGJW7DSXY:4:2244:13901:9095 2:N:0:TCTGCAAG+GCTGCACT
CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
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ATTGGCTTCGCTAGT

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@A00721:190:HGJW7DSXY:4:2265:6108:36119 2:N:0:TCTGCAAG+GCTGCACT
CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
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ATTGGCTTCGCTAGT

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@A00721:190:HGJW7DSXY:4:2265:6551:36323 2:N:0:TCTGCAAG+GCTGCACT
CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
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ATTGGCTTCGCTAGT

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@A00721:190:HGJW7DSXY:4:2431:9498:35289 2:N:0:TCTGCAAG+GCTGCACT
CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
GGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAAC
ATTGGCTTCGCTAGT

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@A00721:190:HGJW7DSXY:4:2467:1434:20603 2:N:0:TCTGCAAG+GCTGCACT
CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
GGATTAGAATTACCTGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATGAAC
ATTGGCTTCGCTAGT

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@A00721:190:HGJW7DSXY:4:2649:10402:35634 2:N:0:TCTGCAAG+GCTGCACT
CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACTCTG
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ATTGGCTTCGCTAGT

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@A00721:190:HGJW7DSXY:4:1153:28836:3239 2:N:0:TCTGCAAG+GCTGCACT
CAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACT
CTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATG
AACATTGGCTTCGCT

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@A00721:190:HGJW7DSXY:4:1222:18566:6684 2:N:0:TCTGCAAG+GCTGCACT
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CTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATG
AACATTGGCTTCGCT

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@A00721:190:HGJW7DSXY:4:1266:2193:33536 2:N:0:TCTGCAAG+GCTGCACT
CAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACT
CTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATG
AACATTGGCTTCGCT

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@A00721:190:HGJW7DSXY:4:1421:18349:36151 2:N:0:TCTGCAAG+GCTGCACT
CAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACT
CTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATG
AACATTGGCTTCGCT

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@A00721:190:HGJW7DSXY:4:1426:16993:28761 2:N:0:TCTGCAAG+GCTGCACT
CAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACT
CTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATG
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@A00721:190:HGJW7DSXY:4:1429:30427:26725 2:N:0:TCTGCAAG+GCTGCACT
CAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACT
CTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATG
AACATTGGCTTCGCT

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@A00721:190:HGJW7DSXY:4:1515:23882:12070 2:N:0:TCTGCAAG+GCTGCACT
CAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACT
CTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATG
AACATTGGCTTCGCT

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@A00721:190:HGJW7DSXY:4:1653:21983:30639 2:N:0:TCTGCAAG+GCTGCACT
CAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACT
CTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATG
AACATTGGCTTCGCT

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@A00721:190:HGJW7DSXY:4:2253:2085:21887 2:N:0:TCTGCAAG+GCTGCACT
CAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACT
CTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATG
AACATTGGCTTCGCT

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@A00721:190:HGJW7DSXY:4:2317:12400:11099 2:N:0:TCTGCAAG+GCTGCACT
CAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACT
CTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATG
AACATTGGCTTCGCT

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@A00721:190:HGJW7DSXY:4:2336:9706:8312 2:N:0:TCTGCAAG+GCTGCACT
CAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACT
CTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATG
AACATTGGCTTCGCT

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@A00721:190:HGJW7DSXY:4:2338:12816:2926 2:N:0:TCTGCAAG+GCTGCACT
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CTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATATTATG
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@A00721:190:HGJW7DSXY:4:2338:12807:2942 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2352:1226:9408 2:N:0:TCTGCAAG+GCTGCACT
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CACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATAT
TATGAACATTGGCTT

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@A00721:190:HGJW7DSXY:4:2628:14642:36307 2:N:0:TCTGCAAG+GCTGCACT
CTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATT
CACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATAT
TATGAACATTGGCTT

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@A00721:190:HGJW7DSXY:4:1144:5963:1673 2:N:0:TCTGCAAG+GCTGCACT
CCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCAT
TCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATA
TTATGAACATTGGCT

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@A00721:190:HGJW7DSXY:4:1152:4679:15984 2:N:0:TCTGCAAG+GCTGCACT
CCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCAT
TCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATA
TTATGAACATTGGCT

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@A00721:190:HGJW7DSXY:4:1447:22354:9204 2:N:0:TCTGCAAG+GCTGCACT
CCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCAT
TCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATA
TTATGAACATTGGCT

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@A00721:190:HGJW7DSXY:4:1652:17155:1548 2:N:0:TCTGCAAG+GCTGCACT
CCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCAT
TCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATA
TTATGAACATTGGCT

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@A00721:190:HGJW7DSXY:4:1652:17381:2002 2:N:0:TCTGCAAG+GCTGCACT
CCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCAT
TCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATA
TTATGAACATTGGCT

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@A00721:190:HGJW7DSXY:4:2172:8205:26475 2:N:0:TCTGCAAG+GCTGCACT
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TCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATA
TTATGAACATTGGCT

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@A00721:190:HGJW7DSXY:4:2301:18177:13463 2:N:0:TCTGCAAG+GCTGCACT
CTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATT
CACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATAT
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@A00721:190:HGJW7DSXY:4:2303:31593:23422 2:N:0:TCTGCAAG+GCTGCACT
CCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCAT
TCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATA
TTATGAACATTGGCT

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@A00721:190:HGJW7DSXY:4:2314:6686:26224 2:N:0:TCTGCAAG+GCTGCACT
CCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCAT
TCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATA
TTATGAACATTGGCT

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@A00721:190:HGJW7DSXY:4:2340:22733:34851 2:N:0:TCTGCAAG+GCTGCACT
CCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCAT
TCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATA
TTATGAACATTGGCT

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@A00721:190:HGJW7DSXY:4:2372:29080:36104 2:N:0:TCTGCAAG+GCTGCACT
CCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCAT
TCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATA
TTATGAACATTGGCT

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@A00721:190:HGJW7DSXY:4:2374:24361:26428 2:N:0:TCTGCAAG+GCTGCACT
CCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCAT
TCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCTTCATA
TTATGAACATTGGCT

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@A00721:190:HGJW7DSXY:4:2348:27805:17926 2:N:0:TCTGCAAG+GCTGCACT
TAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATC

@A00721:190:HGJW7DSXY:4:1646:9498:23672 2:N:0:TCTGCAAG+GCTGCACT
CTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATAT
CTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTGCT
TCATATTATGAACAT

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@A00721:190:HGJW7DSXY:4:1638:17381:4382 2:N:0:TCTGCAAG+GCTGCACT
CACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAAT
ATCTCATTCACCTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTG
CTTCATATTATGAAC

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@A00721:190:HGJW7DSXY:4:2169:14362:6324 2:N:0:TCTGCAAG+GCTGCACT
CACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAAT
ATCTCATTCACCTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTG
CTTCATATTATGAAC

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@A00721:190:HGJW7DSXY:4:2358:22083:34851 2:N:0:TCTGCAAG+GCTGCACT
CACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAAT
ATCTCATTCACCTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTG
CTTCATATTATGAAC

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@A00721:190:HGJW7DSXY:4:2543:5448:7451 2:N:0:TCTGCAAG+GCTGCACT
CACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAAT
ATCTCATTCACCTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTG
CTTCATATTATGAAC

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@A00721:190:HGJW7DSXY:4:2628:18747:17080 2:N:0:TCTGCAAG+GCTGCACT
CACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAAT
ATCTCATTCACCTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTG
CTTCATATTATGAAC

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@A00721:190:HGJW7DSXY:4:1375:24930:18646 2:N:0:TCTGCAAG+GCTGCACT
CACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAAT
ATCTCATTCACCTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCACTG
CTTCATATTATGAA

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@A00721:190:HGJW7DSXY:4:1368:8892:28635 2:N:0:TCTGCAAG+GCTGCACT
CGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATG
AATATCTCATTCACCTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGCCACATCCACAGCCA
CTGCTTCAGATCGGA

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@A00721:190:HGJW7DSXY:4:1472:5864:21449 2:N:0:TCTGCAAG+GCTGCACT
GTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGA

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@A00721:190:HGJW7DSXY:4:1234:23981:32471 2:N:0:TCTGCAAG+GCTGCACT
TCGTTTTTACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCC
GACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGC
CACATCCACAGCCAC

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@A00721:190:HGJW7DSXY:4:1501:29722:19711 2:N:0:TCTGCAAG+GCTGCACT
TCGTTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCC
GACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGC
CACATCCACAGCCAC

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@A00721:190:HGJW7DSXY:4:1626:5981:6590 2:N:0:TCTGCAAG+GCTGCACT
TCGTTTTTACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCC
GACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGC
CACATCCACAGCCAC

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@A00721:190:HGJW7DSXY:4:2128:24876:15358 2:N:0:TCTGCAAG+GCTGCACT
TCGTTTTTACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCC
GACTTTCCCCGATGAATATCTCATTGACTCTGGGATTAGAATTAACGGGACGTCTATAATACACGAGC
CACATCCACAGCCAC

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@A00721:190:HGJW7DSXY:4:2213:7708:26334 2:N:0:TCTGCAAG+GCTGCACT
TCGTTTTTACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCC
GACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGC
CACATCCACAGCCAC

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@A00721:190:HGJW7DSXY:4:2227:12608:4852 2:N:0:TCTGCAAG+GCTGCACT
TCGTTTTTACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCC
GACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGC
CACATCCACAGCCAC

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@A00721:190:HGJW7DSXY:4:2543:12753:33254 2:N:0:TCTGCAAG+GCTGCACT
TCGTTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCC
GACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAGC
CACATCCACAGCCAC

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@A00721:190:HGJW7DSXY:4:1204:22435:29011 2:N:0:TCTGCAAG+GCTGCACT
ATCGTTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCC
CGACTATCCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAG
CCACATCCACAGCCA

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@A00721:190:HGJW7DSXY:4:1556:31801:17738 2:N:0:TCTGCAAG+GCTGCACT
ATCGTTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCC
CGACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAG
CCACATCCACAGCCA

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@A00721:190:HGJW7DSXY:4:2160:11153:7059 2:N:0:TCTGCAAG+GCTGCACT
ATCGTTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCC
CGACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAG
CCACATCCACAGCCA

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@A00721:190:HGJW7DSXY:4:2308:19126:24439 2:N:0:TCTGCAAG+GCTGCACT
ATCGTTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCC
CGACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAG
CCACATCCACAGCCA

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@A00721:190:HGJW7DSXY:4:2368:31458:13072 2:N:0:TCTGCAAG+GCTGCACT
ATCGTTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCC
CGACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAG
CCACATCCACAGCCA

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FFFFFFFFF:F:FFFFFFFFFFFFFFFF:F:F::FFFFFFFFF::FFFFFFFFFFFFFFFF:FF
:FF:FFF:FFF:::

@A00721:190:HGJW7DSXY:4:2527:4553:5149 2:N:0:TCTGCAAG+GCTGCACT
TCGTTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCC
GACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACGTCTATCATACACGAG
CCACATCCACAGCCA

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FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF:FFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF:FFFFFFFFFFFFFFFFFFFF:FFFFFFF
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[illegible][illegible]

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FFFFFFFFFFFF:FFFFFFFFFFFF:FFFFFFFFFFFFFFFFFFFF:FFFFFFFFFFFFFFFFFFFF:FFFFFFF
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[illegible]

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FFFFFFFFFFFFFF:F
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FFF,FFF:FFFF:FFFFFFFFFFFFFFFFFFFFFFFF:FFFFFFFF,FFF:FFFFFFF
,FFFFFFFFFFFFFFFFFFFFFFFF,FFFFFFFFFFFF:FF:F,F:FFFFFFFFFFFF:FFFFF:
FFFFFFF:F,FFFF:
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@A00721:190:HGJW7DSXY:4:2509:11306:9173 2:N:0:TCTGCAAG+GCTGCACT
GACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATC

CAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACG
TCTATCATAACACGAG

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@A00721:190:HGJW7DSXY:4:2528:15420:18333 2:N:0:TCTGCAAG+GCTGCACT
GACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATC
CAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACG
TCTATCATAACACGAG

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@A00721:190:HGJW7DSXY:4:2610:15971:16376 2:N:0:TCTGCAAG+GCTGCACT
GACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATC
CAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGACG
TCTATCATAACACGAG

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FFFF:FFF:F:FFFFFFFFFFFFF
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@A00721:190:HGJW7DSXY:4:1150:22589:32315 2:N:0:TCTGCAAG+GCTGCACT
CGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCAT
CCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGAC
GTCTATCATAACACGA

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@A00721:190:HGJW7DSXY:4:1263:21802:34115 2:N:0:TCTGCAAG+GCTGCACT
CGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCAT
CCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGAC
GTCTATCATAACACGA

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@A00721:190:HGJW7DSXY:4:1329:14669:33348 2:N:0:TCTGCAAG+GCTGCACT
CGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCAT
CCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGAC
GTCTATCATAACACGA

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FFFFFFFF:FFFFF

@A00721:190:HGJW7DSXY:4:1540:14904:7921 2:N:0:TCTGCAAG+GCTGCACT
CGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCAT
CCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGAC
GTCTATCATAACACGA

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FFFFFFFFFFFFFFFF

@A00721:190:HGJW7DSXY:4:1609:24587:30921 2:N:0:TCTGCAAG+GCTGCACT
CGACCTTCTAGAACGTATCGTTTTTCAAAACGACACTAAACCTATCAACATTATCCATGTTGATCAT
CCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGGAC
GTCTATCATAACGA

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@A00721:190:HGJW7DSXY:4:2278:15429:25238 2:N:0:TCTGCAAG+GCTGCACT
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TCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGGA
CGTCTATCATACACG

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@A00721:190:HGJW7DSXY:4:1222:9390:22263 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGAT
CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCG
GACGTCTATCATACA

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FFFFFFFFFFFF:FFF

@A00721:190:HGJW7DSXY:4:1250:30563:5415 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGAT
CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCG
GACGTCTATCATACA

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@A00721:190:HGJW7DSXY:4:1268:11162:20666 2:N:0:TCTGCAAG+GCTGCACT
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CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCG
GACGTCTATCATACA

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@A00721:190:HGJW7DSXY:4:1345:2157:5071 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGAT
CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCG
GACGTCTATCATACA

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@A00721:190:HGJW7DSXY:4:1363:16984:21480 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGAT
CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCG
GACGTCTATCATACA

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:FFF:FFF,F,FF:FF,F,F:FF:F,FFF:,FFFFFFFFFFFF:FFFF,FFF:FFFF,FFFFF,,F
FFFFFF:FFFFFF

@A00721:190:HGJW7DSXY:4:1621:12057:13730 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGAT
CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCG
GACGTCTATCATACA

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@A00721:190:HGJW7DSXY:4:1668:19253:9721 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGAT
CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACCTCTGGGATTAGAATTACCGG
GACGTCTATCATACA

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@A00721:190:HGJW7DSXY:4:1668:18900:9799 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGAT
CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACCTCTGGGATTAGAATTACCGG
GACGTCTATCATACA

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@A00721:190:HGJW7DSXY:4:2220:22914:10708 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGAT
CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACCTCTGGGATTAGAATTACCGG
GACGTCTATCATACA

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@A00721:190:HGJW7DSXY:4:2249:31286:3599 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGAT
CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACCTCTGGGATTAGAATTACCGG
GACGTCTATCATACA

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@A00721:190:HGJW7DSXY:4:2301:5873:25911 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGAT
CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACCTCTGGGATTAGAATTACCGG
GACGTCTATCATACA

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FFFFFFFFFFFFFFFF:

@A00721:190:HGJW7DSXY:4:2348:9010:35446 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGAT
CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACCTCTGGGATTAGAATTACCGG
GACGTCTATCATACA

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@A00721:190:HGJW7DSXY:4:2375:12120:6480 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGAT

CATCCAAGTATCTGGATCCCGACTTTCCCGGATGAATATCTCATTCACTCTGGGATTAGAATTACCGG
GACGTCTATCATACA

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@A00721:190:HGJW7DSXY:4:2533:1154:28040 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTACAAACGACACTAAACCTATCAACATTATCCATGTTGAT
CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGG
GACGTCTATCATACA

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@A00721:190:HGJW7DSXY:4:2655:25482:12399 2:N:0:TCTGCAAG+GCTGCACT
CCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGAT
CATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGAATTACCGG
GACGTCTATCATACA

[illegible]

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@A00721:190:HGJW7DSXY:4:1273:13584:29590 2:N:0:TCTGCAAG+GCTGCACT
CAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCC
ATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCTCGATGAATATCTCATTCACTCTGGGATTAGA
ATTACCGGGACGTCT

[illegible]

@A00721:190:HGJW7DSXY:4:1326:3640:18443 2:N:0:TCTGCAAG+GCTGCACT
CAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCAAAACGACACTAAACCTATCAACATTATCC
ATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGA
ATTACCGGGACGTCT

[illegible]

@A00721:190:HGJW7DSXY:4:2271:25364:26537 2:N:0:TCTGCAAG+GCTGCACT
CAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCAAAACGACACTAAACCTATCAACATTATCC
ATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGA
ATTACCGGGACGTCT

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@A00721:190:HGJW7DSXY:4:2315:13630:8249 2:N:0:TCTGCAAG+GCTGCACT
CAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCAAAACGACACTAAACCTATCAACATTATCC
ATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGA
ATTACCGGGACGTCT

[illegible]

@A00721:190:HGJW7DSXY:4:2433:22019:6840 2:N:0:TCTGCAAG+GCTGCACT
CAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCAAAACGACACTAAACCTATCAACATTATCC
ATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGA
ATTACCGGGACGTCT

[illegible]

@A00721:190:HGJW7DSXY:4:2449:10050:10128 2:N:0:TCTGCAAG+GCTGCACT
CAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCC
ATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCCGATGAATATCTCATTCACTCTGGGATTAGA
ATTACCGGGACGTCT

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@A00721:190:HGJW7DSXY:4:2462:14235:6981 2:N:0:TCTGCAAG+GCTGCACT
CAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCC
ATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCTCGATGAATATCTCATTCACTCTGGGATTAGA
ATTACCGGGACGTCT

[illegible]

@A00721:190:HGJW7DSXY:4:2513:30201:15186 2:N:0:TCTGCAAG+GCTGCACT
CAACGTAACCACGACCTTCTAGAACGTATCGTTTTTACAAACGACACTAAACCTATCAACATTATCC
ATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCTCCGATGAATATCTCATTCACTCTGGGATTAGA
ATTACCGGGACGTCT

[illegible]

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@A00721:190:HGJW7DSXY:4:2549:11903:30029 2:N:0:TCTGCAAG+GCTGCACT
CAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCC
ATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGA
ATTACCGGGACGTCT

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@A00721:190:HGJW7DSXY:4:2636:4960:20979 2:N:0:TCTGCAAG+GCTGCACT
CAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAACATTATCC
ATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGGGATTAGA
ATTACCGGGACGTCT

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@A00721:190:HGJW7DSXY:4:1163:29903:11318 2:N:0:TCTGCAAG+GCTGCACT
GATGAATCAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAAC
ATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGG
GATTAGAATTACCGG

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@A00721:190:HGJW7DSXY:4:1353:18005:7780 2:N:0:TCTGCAAG+GCTGCACT
GATGAATCAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAAC
ATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGG
GATTAGAATTACCGG

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@A00721:190:HGJW7DSXY:4:2446:10872:32597 2:N:0:TCTGCAAG+GCTGCACT
GATGAATCAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAAC
ATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGG
GATTAGAATTACCGG

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@A00721:190:HGJW7DSXY:4:2643:32334:27899 2:N:0:TCTGCAAG+GCTGCACT
GATGAATCAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAAC
ATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTGG
GATTAGAATTACCGG

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@A00721:190:HGJW7DSXY:4:1121:9100:22232 2:N:0:TCTGCAAG+GCTGCACT
GGATGAATCAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAA
CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
GGATTAGAATTACCG

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@A00721:190:HGJW7DSXY:4:1361:31801:3865 2:N:0:TCTGCAAG+GCTGCACT
GGATGAATCAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAA
CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
GGATTAGAATTACCG

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@A00721:190:HGJW7DSXY:4:1361:4381:5791 2:N:0:TCTGCAAG+GCTGCACT
GGATGAATCAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAA
CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
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@A00721:190:HGJW7DSXY:4:1466:28592:12587 2:N:0:TCTGCAAG+GCTGCACT
GGATGAATCAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAA
CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
GGATTAGAATTACCG

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@A00721:190:HGJW7DSXY:4:2116:19199:21527 2:N:0:TCTGCAAG+GCTGCACT
GGATGAATCAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAA
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GGATTAGAATTACCG

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GGATTAGAATTACCG

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@A00721:190:HGJW7DSXY:4:2233:25201:17863 2:N:0:TCTGCAAG+GCTGCACT
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CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
GGATTAGAATTACCG

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@A00721:190:HGJW7DSXY:4:2234:5376:19727 2:N:0:TCTGCAAG+GCTGCACT
GGATGAATCAACGTAACCACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAA

CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
GGATTAGAATTACCG

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@A00721:190:HGJW7DSXY:4:2238:10303:29199 2:N:0:TCTGCAAG+GCTGCACT
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CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
GGATTAGAATTACCG

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@A00721:190:HGJW7DSXY:4:2271:14082:19836 2:N:0:TCTGCAAG+GCTGCACT
GGATGAATCAACGTAACACGACCTTCTAGAACGTATCGTTTTTCACAAACGACACTAAACCTATCAA
CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
GGATTAGAATTACCG

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CATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACTCTG
GGATTAGAATTACCG

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CAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACT
CTGGGATTAGAATTA

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CAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACT
CTGGGATTAGAATTA

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CAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTCCCGATGAATATCTCATTCACT
CTGGGATTAGAATTA

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@A00721:190:HGJW7DSXY:4:2341:28800:2988 2:N:0:TCTGCAAG+GCTGCACT
TCTTAACGTCGTCGTCGCCATCCATGGATGAATCAACGTAACCACGACCTTCTAGAACGTATCGTTTT
TCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTC
CCCGATGAATATCTC

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@A00721:190:HGJW7DSXY:4:2366:29930:32409 2:N:0:TCTGCAAG+GCTGCACT
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TCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCGACTTTC
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@A00721:190:HGJW7DSXY:4:1102:30544:36072 2:N:0:TCTGCAAG+GCTGCACT
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ACTTTCCTCCGATGAA

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@A00721:190:HGJW7DSXY:4:2556:8070:2065 2:N:0:TCTGCAAG+GCTGCACT
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CGTTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCG
ACTTTCCCGATGAA

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@A00721:190:HGJW7DSXY:4:2607:32877:10113 2:N:0:TCTGCAAG+GCTGCACT
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CGTTTTTTCACAAACGACACTAAACCTATCAACATTATCCATGTTGATCATCCAAGTATCTGGATCCCG
ACTTTCCCGATGA

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@A00721:190:HGJW7DSXY:4:1224:16360:5901 2:N:0:TCTGCAAG+GCTGCACT
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AAGTATCTGGATCCC

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@A00721:190:HGJW7DSXY:4:1245:5430:36104 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1301:6876:6104 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1334:9679:21668 2:N:0:TCTGCAAG+GCTGCACT
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AAGTATCTGGATCCC

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@A00721:190:HGJW7DSXY:4:2136:31882:11490 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2222:16758:7592 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2608:29053:25848 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2654:30228:30326 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1104:4200:29058 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1421:29188:6981 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1605:5584:12477 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2425:1904:2347 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1601:30942:19695 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2531:13566:22326 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2505:8757:19789 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1534:11650:28808 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1633:8739:26835 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2166:32913:14465 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1637:21495:26475 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2269:8919:31469 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2627:4887:13902 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1239:4209:8625 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1254:21784:36902 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1340:18511:14606 2:N:0:TCTGCAAG+GCTGCACT
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GGATGCGGACGACGACGTTAAGAAAGCTTACTTCTGTTATATGAGGTCTAGACCGATTTCTGTGAGGA
AGAAACTTAGTGAC

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@A00721:190:HGJW7DSXY:4:1417:31132:3803 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1440:4074:6104 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1524:15374:16188 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1632:29143:7059 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2231:20763:32346 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2270:27832:31344 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2321:1163:1282 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2324:23547:30342 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1266:29939:23500 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1271:25681:32503 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1349:32280:10207 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1364:26395:20588 2:N:0:TCTGCAAG+GCTGCACT
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CTCACAGTTTTTAAG

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@A00721:190:HGJW7DSXY:4:1371:30454:33567 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1517:1696:16767 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1603:7139:33990 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1652:29695:2722 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1662:11017:13213 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2137:1976:31814 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2243:20103:2769 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2350:22498:29309 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2374:8874:26193 2:N:0:TCTGCAAG+GCTGCACT
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AAGCGTTCCTTAACGTCGTCGTCCGCATCCATGGATGAATCAACGTAACCACGACCTTCTAGAACGTAT
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[illegible][illegible][illegible][illegible]

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[illegible][illegible]

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@A00721:190:HGJW7DSXY:4:2452:20500:18302 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2572:30942:8422 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2606:11957:15718 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2632:7654:8829 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1571:22345:3709 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2301:11207:5682 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2443:28275:34867 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2578:6099:8046 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2641:18249:16125 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2675:19018:32080 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1276:11478:23563 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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@A00721:190:HGJW7DSXY:4:1462:18195:26553 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1624:7654:33599 2:N:0:TCTGCAAG+GCTGCACT
TACGTTGATTCATCCATGGATGCGGACGACGACGTTAAGAACGCTTACTTCTGTTATATGAGGTCTAG
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[illegible]

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@A00721:190:HGJW7DSXY:4:1611:27254:11334 2:N:0:TCTGCAAG+GCTGCACT
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GTGAGTCCACTAAGTTTCTACCTCACAGAAATCGGTCTAGACCTCATCTAACAGAAGTAAGCGTTCTT
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@A00721:190:HGJW7DSXY:4:1653:32524:11506 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1661:16278:30436 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2312:19271:21527 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1533:26205:15468 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2268:28411:14372 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2420:19651:33771 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1450:20808:8437 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1127:14543:20791 2:N:0:TCTGCAAG+GCTGCACT
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CTCCTTTCATCATGTCCTCTACACTGCCACCAGTGGTGTCTTAAAAACTGTGAGTCCACTAAGTTTC
TTCCTCACAGAAATC

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@A00721:190:HGJW7DSXY:4:2212:16143:34334 2:N:0:TCTGCAAG+GCTGCACT
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CTCCTTTCATCATGTCCTCTACACTGCCACCAGTGGTGTCTTAAAAACTGTGAGTCCACTAAGTTTC
TTCCTCACAGAAATC

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@A00721:190:HGJW7DSXY:4:2266:5728:1204 2:N:0:TCTGCAAG+GCTGCACT
CCACATTCGTACATTTAATGCAACTTCCATCGCATATTGATGAAATGTCGCAAAACTAAATAATAAG
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TTCCTCACAGAAATC

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@A00721:190:HGJW7DSXY:4:2302:2781:25254 2:N:0:TCTGCAAG+GCTGCACT
CCACATTCGTACATTTAATGCAACTTCCATCGCATATTGATGAAATGTCGCAAAACTAAATAATAAG
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@A00721:190:HGJW7DSXY:4:2334:26648:20369 2:N:0:TCTGCAAG+GCTGCACT
CCACATTCGTACATTTAATGCAACTTCCATCGCATATTGATGAAATGTCGCAAAACTAAATAATAAG
CTCCTTTCATCATGTCCTCTACACTGCCACCAGTGGTGTCTTAAAAACTGTGAGTCCACTAAGTTTC
TTCCTCACAGAAATC

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@A00721:190:HGJW7DSXY:4:2355:28004:4398 2:N:0:TCTGCAAG+GCTGCACT
CCACATTCGTACATTTAATGCAACTTCCATCGCATATTGATGAAATGTCGCAACAATAATAATAAG
CTCCTTTCATCATGTCCTCTACACTGCCACCAGTGGTGTCTTAAAAACTGTGAGTCCACTAAGTTTC
TTCCTCACAGAAATC

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@A00721:190:HGJW7DSXY:4:2362:28854:30295 2:N:0:TCTGCAAG+GCTGCACT
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CTCCTTTCATCATGTCCTCTACACTGCCACCAGTGGTGTCTTAAAAACTGTGAGTCCACTAAGTCTC
TTCCTCACAGAAATC

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@A00721:190:HGJW7DSXY:4:2434:12952:3756 2:N:0:TCTGCAAG+GCTGCACT
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CTCCTTTCATCATGTCCTCTACACTGCCACCAGTGGTGTCTTAAAAACTGTGAGTCCACTAATTTTC
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@A00721:190:HGJW7DSXY:4:2442:29695:26991 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2601:5882:29089 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2352:32832:11631 2:N:0:TCTGCAAG+GCTGCACT
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CTCCTTTTCATCATGTCCTCTACACTGCCACCAGTGGTGTCTTAAAACTGTGAGTCCACTAAGTTTC
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@A00721:190:HGJW7DSXY:4:1339:31051:2284 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1511:2401:25848 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2309:24460:29763 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1454:24460:14105 2:N:0:TCTGCAAG+GCTGCACT
TACATTTAATGCAACTTCCATCGCATATTGATGAAATGTCGCAAAACTAAATAATAAGCTCCTTTCA
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@A00721:190:HGJW7DSXY:4:2308:19407:11365 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2528:28592:36667 2:N:0:TCTGCAAG+GCTGCACT
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TCATGTCCTCTACACTGCCACCAGTGGTGTCTTAAAACTGTGAGTCCACTAAGTTTCTTCCT

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@A00721:190:HGJW7DSXY:4:2532:29993:22780 2:N:0:TCTGCAAG+GCTGCACT
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CCTTAAAAACTGTGA

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@A00721:190:HGJW7DSXY:4:2456:6153:2597 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2641:22634:5744 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2678:14823:4335 2:N:0:TCTGCAAG+GCTGCACT
TATATATCATTTTATTAAACACTTCTGAACCACATTTCGTACATTTAATACAACCTCCATCGCATATTG
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@A00721:190:HGJW7DSXY:4:2134:11514:3302 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1554:32280:29747 2:N:0:TCTGCAAG+GCTGCACT
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ACCAGTGGTGTCTT

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@A00721:190:HGJW7DSXY:4:2223:18059:28166 2:N:0:TCTGCAAG+GCTGCACT
TGGAAAATGAATATATATCATTTTATTAAACACTTCTGAACCACATTTCGTACATTTAATACAACCTCC
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GCAACTTCCATCGCATATTGATGAAATGTCGCAAAAACTAAATAATAAGCTCCTTTCATCATGTCCTC
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@A00721:190:HGJW7DSXY:4:2561:14235:10207 2:N:0:TCTGCAAG+GCTGCACT
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GCAACTTCCATCGCATATTGATGAAATGTCGCAAAAACTAAATAATAAGCTCCTTTCATCATGTCCTC
TACTACTGCCACCAGT

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@A00721:190:HGJW7DSXY:4:2544:23601:21167 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1315:9399:22936 2:N:0:TCTGCAAG+GCTGCACT
AGATTATCGAATGGAAAATGAATATATATCATTTTTATTAAACACTTCTGAACCACATTCGTACATTTA
ATGCAACTTCCATCGCATATTGATGAAATGTCGCAAAAACTAAATAATAAGCTCCTTTCATCATGTCC
TCTACTACTGCCACCA

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@A00721:190:HGJW7DSXY:4:1510:17743:36292 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2333:17942:29872 2:N:0:TCTGCAAG+GCTGCACT
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ATGCAACTTCCATCGCATATTGATGAAATGTCGCAAAAACTAAATAATAAGCTCCTTTCATCATGTCC
TCTACTACTGCCACCA

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@A00721:190:HGJW7DSXY:4:1328:7554:7028 2:N:0:TCTGCAAG+GCTGCACT
CAAAGATTATCGAATGGAAAATGAATATATATCATTTTTATTAAACACTTCTGAACCACATTCGTACAT
TTAATGCAACTTCCATCGCATATTGATGAAATGTCGCAAAAACTAAATAATAAGCTCCTTTCATCATG
TCCTCTACTACTGCCA

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@A00721:190:HGJW7DSXY:4:2347:15845:17284 2:N:0:TCTGCAAG+GCTGCACT
TGTAATCAAAGATTATCGAATGGAAAATGAATATATATCATTTTATTAAACACTTCTGAACCACATTC
GTACATTTAATACAACCTCCATCGCATATTGATGAAATGTCGCAAAAACCTAAATAATAAGCTCCTTTC
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@A00721:190:HGJW7DSXY:4:2517:13196:17550 2:N:0:TCTGCAAG+GCTGCACT
TGTAATCAAAGATTATCGAATGGAAAATGAATATATATCATTTTATTAAACACTTCTGAACCACATTC
GTACATTTAATACAACCTCCATCGCATATTGATGAAATGTCGCAAAAACCTAAATAATAAGCTCCTTTC
ATCATGTCCTCTACA

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@A00721:190:HGJW7DSXY:4:2663:23999:32346 2:N:0:TCTGCAAG+GCTGCACT
TGTAATCAAAGATTATCGAATGGAAAATGAATATATATCATTTTATTAAACACTTCTGAACCACATTC
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ATCATGTCCTCTACA

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@A00721:190:HGJW7DSXY:4:1375:23204:33442 2:N:0:TCTGCAAG+GCTGCACT
AAGCAATGGAAAATCTAGATCATGTAATCAAAGATTATCGAATGGAAAATGAATATATATCATTTTAT
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AACTAAATAATAAGC

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@A00721:190:HGJW7DSXY:4:2566:29577:33113 2:N:0:TCTGCAAG+GCTGCACT
AAGCAATGGAAAATCTAGATCTTGTAAATCAAAGATTATCGAATGGAAAATGAATATATATCATTTTAT
TAAACACTTCTGAACCACATTCGTACATTTAATGCAACTTCCATCGCATATTGATGAAATGTCGCAAA
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@A00721:190:HGJW7DSXY:4:2660:20329:24956 2:N:0:TCTGCAAG+GCTGCACT
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TAAACACTTCTGAACCACATTCGTACATTTAATGCAACTTCCATCGCATATTGATGAAATGTCGCAAA
AACTAAATAATAAGC

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@A00721:190:HGJW7DSXY:4:1104:7934:30545 2:N:0:TCTGCAAG+GCTGCACT
AAGCAATGGAAAATCTAGATCATGTAATCAAAGATTATCGAATGGAAAATGAATATATATCATTTTAT
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@A00721:190:HGJW7DSXY:4:1219:2781:13698 2:N:0:TCTGCAAG+GCTGCACT
AAAATCTTTGTAATTTAGGGGTAATTTCAATTTATAATTTTTGTTATGCGTGGCATAAAGCAATGGAA

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@A00721:190:HGJW7DSXY:4:1626:1750:28792 2:N:0:TCTGCAAG+GCTGCACT
GGAAGACGATGATTTCTGGGACTTTATCCCGACGGCTTTATTTTTATATCCATAAAAATCTTTGTAAG
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AATCAAAGATTATC

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@A00721:190:HGJW7DSXY:4:1650:20383:8547 2:N:0:TCTGCAAG+GCTGCACT
GGAAGACGATGATTTCTGGGACTTTATCCCGACGGCTTTATTTTTATATCCATAAAAATCTTTGTAAT
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@A00721:190:HGJW7DSXY:4:1306:6677:12587 2:N:0:TCTGCAAG+GCTGCACT
ATTACATGATCTAGATTTTCCATTGCTTTATGCCACGCATAACAAAATTATAAATTGAAATTACCCC
TAAATTACAAAGATTTTTATGGATATAAAAATAAAGCCGTCGGGATAAAGTCCCAGAAATCATCGTCT
TCCATGACGGGTTCT

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@A00721:190:HGJW7DSXY:4:1513:28076:15608 2:N:0:TCTGCAAG+GCTGCACT
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TAAATTACAAAGATTTTTATGGATATAAAAATAAAGCCGTCGGGATAAAGTCCCAGAAATCATCGTCT
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@A00721:190:HGJW7DSXY:4:1523:21124:26647 2:N:0:TCTGCAAG+GCTGCACT
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TAAATTACAAAGATTTTTATGGATATAAAAATAAAGCCGTCGGGATAAAGTCCCAGAAATCATCGTCT
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@A00721:190:HGJW7DSXY:4:2104:16007:14340 2:N:0:TCTGCAAG+GCTGCACT
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TAAATTACAAAGATTTTTATGGATATAAAAATAAAGCCGTCGGGATAAAGTCCCAGAAATCATCGTCT
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@A00721:190:HGJW7DSXY:4:1265:21866:7670 2:N:0:TCTGCAAG+GCTGCACT
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AAATCTAGATCATGT

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@A00721:190:HGJW7DSXY:4:1311:24939:11678 2:N:0:TCTGCAAG+GCTGCACT
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ATGACGGGTTCT

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@A00721:190:HGJW7DSXY:4:1320:16740:26349 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1667:8124:13839 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2167:31937:19758 2:N:0:TCTGCAAG+GCTGCACT
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AAAAATCTTTGTAATTTAGGGTAATTTCAATTTATAATTTTGTATGCGTGGCATAAAGCAATGGA
AAATCTAGATCATGT

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AAAAATCTTTGTAATTTAGGGTAATTTCAATTTATAATTTTGTATGCGTGGCATAAAGCAATGGA
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@A00721:190:HGJW7DSXY:4:1521:5204:8750 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2533:29568:33849 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2178:24433:18599 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1246:21811:10614 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2270:9625:22263 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1162:24903:32784 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2647:12997:10066 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2662:23936:7435 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2648:21594:16658 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1642:15582:24189 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2640:2456:31266 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1329:32633:6903 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1344:27633:1094 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1656:3332:8954 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2448:2031:11083 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1511:4264:21057 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1217:29550:5854 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1438:9923:9846 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2358:19524:33708 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1177:23204:10426 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1223:29785:8797 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1269:10068:35368 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1308:24795:23453 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1367:11153:1924 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1367:10682:2237 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1375:24831:32377 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1276:4137:9752 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2623:20564:31250 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2445:32606:23202 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1254:15826:28776 2:N:0:TCTGCAAG+GCTGCACT
TGGACAGACGACGAGTCCACCGTTCCATCACATCTTCACGGTGGAATAAGATTCAACTACAATCTCA
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@A00721:190:HGJW7DSXY:4:1254:15148:29074 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1304:30978:2816 2:N:0:TCTGCAAG+GCTGCACT
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GAATTACTGCAGAAC

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@A00721:190:HGJW7DSXY:4:1304:29776:3020 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1313:9019:2237 2:N:0:TCTGCAAG+GCTGCACT
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GAATTACTGCAGAAC

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@A00721:190:HGJW7DSXY:4:1345:27868:5228 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1345:27579:5854 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2532:4435:10332 2:N:0:TCTGCAAG+GCTGCACT
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GAATTACTGCAGAAC

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@A00721:190:HGJW7DSXY:4:2471:27507:19539 2:N:0:TCTGCAAG+GCTGCACT
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TCAGAATGCAGTTGCGGATAAAGCGAGCATGGTGGACTATCCGCATCTGGACGACATTACAACCAGTC
CCAGAATTACTGCAG

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@A00721:190:HGJW7DSXY:4:2471:27706:19758 2:N:0:TCTGCAAG+GCTGCACT
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TCAGAATGCAGTTGCGGATAAAGCGAGCATGGTGGACTATCCGCATCTGGACGACATTACAACCAGTC
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ACAATCTCAGAATGCAGTTGCGGATAAAGCGAGCATGGTGGACTATCCGCATCTGGACGACATTACAA
CCAGTCCCAGAATTA

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@A00721:190:HGJW7DSXY:4:2221:25798:27633 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2529:22896:9267 2:N:0:TCTGCAAG+GCTGCACT
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ATTACAACCAGTCCC

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@A00721:190:HGJW7DSXY:4:1415:30770:33739 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1547:4770:15295 2:N:0:TCTGCAAG+GCTGCACT
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TTCAACTACAATCTCAGAATGCAGTTGCGGATAAAGCGAGCATGGTGGACTATCCGCATCTGGACGAC
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@A00721:190:HGJW7DSXY:4:2129:3314:13401 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2139:29225:35446 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2326:4779:25645 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2333:6234:26537 2:N:0:TCTGCAAG+GCTGCACT
TACGAGTCCAACACTCTGGACAGACGACGAGTCCACCGTTCCATCACATCTTCACGGTGGAACTAAGA
TTCAACTACAATCTCAGAATGCAGTTGCGGATAAAGCGAGCATGGTGGACTATCCGCATCTGGACGAC
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@A00721:190:HGJW7DSXY:4:2372:19524:9690 2:N:0:TCTGCAAG+GCTGCACT
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TTCAACTACAATCTCAGAATGCAGTTGCGGATAAAGCGAGCATGGTGGACTATCCGCATCTGGACGAC
ATTACAACCAGTCCC

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@A00721:190:HGJW7DSXY:4:2312:1253:25958 2:N:0:TCTGCAAG+GCTGCACT
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TCCGCATCTGGACGA

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@A00721:190:HGJW7DSXY:4:2448:31232:32095 2:N:0:TCTGCAAG+GCTGCACT
AAACAATCCAATATGGATACGAGTCCAACACTCTGGACAGACGACGAGTCCACCGTTCCATCACATCTT
CACGGTGGAATAAGATTCAACTACAATCTCAGAATGCAGTTGCGGATAAAGCGAGCATGGTGGACTA
TCCGCATCTGGACGA

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@A00721:190:HGJW7DSXY:4:1350:25825:7921 2:N:0:TCTGCAAG+GCTGCACT
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TCACGGTGGAATAAGATTCAACTACAATCTCAGAATGCAGTTGCGGATAAAGCGAGCATGGTGGACT
ATCCGCATCTGGACG

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@A00721:190:HGJW7DSXY:4:1415:17499:15953 2:N:0:TCTGCAAG+GCTGCACT
AAACAATCCAATATGGATACGAGTCCAACACTCTGGACAGACGACGAGTCCACCGTTCCATCACATCT
TCACGGTGGAATAAGATTCAACTACAATCTCAGAATGCAGTTGCGGATAAAGCGAGCATGGTGGACT
ATCCGCATCTGGACG

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@A00721:190:HGJW7DSXY:4:2232:4869:13369 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2246:28565:20337 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2678:2645:10363 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1309:14633:10457 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1309:14678:10504 2:N:0:TCTGCAAG+GCTGCACT
AAACAATCCAATATGGATACGAGTCCAACACTCTGGACAGACGACGAGTCCACCGTTCCATCACATCT
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ATCCGCATCTGGACA

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@A00721:190:HGJW7DSXY:4:2643:29423:15812 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1617:17788:21089 2:N:0:TCTGCAAG+GCTGCACT
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TCACGGTGGAACTAAGATTCAACTACAATCTCAGAATGCAGTTGCGGATAAAGCGAGCATGGTGGACT
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@A00721:190:HGJW7DSXY:4:1235:27010:19523 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1269:2139:6637 2:N:0:TCTGCAAG+GCTGCACT
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ATCCGCATCCGGAGA

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@A00721:190:HGJW7DSXY:4:1302:28402:3490 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1640:4860:13041 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2355:4435:23328 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2607:15347:23657 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1523:19506:28917 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1619:25464:8108 2:N:0:TCTGCAAG+GCTGCACT
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GATGTGATGGAACGGTGGACTCGTCGTCTGTCCAGAGTGTTGGACTCGTATCCATATTGGATTGTTTA
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@A00721:190:HGJW7DSXY:4:2120:11234:29590 2:N:0:TCTGCAAG+GCTGCACT
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AAAGCGAGCATGGTG

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@A00721:190:HGJW7DSXY:4:1136:22498:3568 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1534:26594:2957 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1535:30101:1548 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2414:17038:2942 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2418:27082:36714 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1156:28239:9032 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1557:17707:21919 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2469:18882:1814 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2371:10863:35712 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2141:25211:23265 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2411:29586:15749 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2477:23267:36808 2:N:0:TCTGCAAG+GCTGCACT
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TTCTATAGAAGCGAAGCATCAGCAATGCAAACGGAAGAGACGTCTAGCGATCAAGCCTAGACGTCTTA
AACTACCGTGCGGCT

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@A00721:190:HGJW7DSXY:4:1563:18394:19445 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1563:18566:19492 2:N:0:TCTGCAAG+GCTGCACT
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TTCTATAGAAGCGAAGCATCAGCAATGCAAACGGAAGAGACGTCTAGCGATCAAGCCTAGACGTCTTA
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@A00721:190:HGJW7DSXY:4:1563:18204:19617 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2118:1136:30702 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2128:1768:27727 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2128:1877:28510 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2142:19226:2691 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2221:14371:34961 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2267:22544:4961 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2512:31629:6355 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2116:20491:14810 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2145:11758:23484 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2145:12048:23860 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2576:30020:30592 2:N:0:TCTGCAAG+GCTGCACT
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TTACACTACCGTGCG

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@A00721:190:HGJW7DSXY:4:1177:17427:15483 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2333:5565:24784 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2445:26395:15107 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2526:31448:29340 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1105:9932:12806 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1130:32606:30718 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1173:4978:27555 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1240:11243:33238 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1539:24560:12806 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1547:9118:18630 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1637:3622:23547 2:N:0:TCTGCAAG+GCTGCACT
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TCAAGCCTAGACGTC

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@A00721:190:HGJW7DSXY:4:2149:16604:2190 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2158:16369:30968 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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[illegible]

@A00721:190:HGJW7DSXY:4:2527:4227:17550 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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[illegible]

CTTATAAGACGTTCTGACAAAGGATGCCAATTCATCTTTAAAGATTTGGACAGAGACAAATGCAGAA
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@A00721:190:HGJW7DSXY:4:1458:21187:1799 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1601:16450:29105 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1613:22941:17957 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2142:14552:10034 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2336:18783:5087 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2402:30210:21684 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1123:21441:22811 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1615:8639:9095 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2123:21459:35211 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2272:6207:23453 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

@A00721:190:HGJW7DSXY:4:2619:16712:10989 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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[illegible]

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GAAGAGACGTCTAGC

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@A00721:190:HGJW7DSXY:4:1308:22815:28260 2:N:0:TCTGCAAG+GCTGCACT
CTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAG
AGACAAATGCAGAATTCTTCTTCGCCGAATCCGCCTTCTATAGAAGCGAAGCATCAGCAATGCAAACG
GAAGAGACGTCTAGC

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FF:FFFF:FFFF:

@A00721:190:HGJW7DSXY:4:1338:20491:16564 2:N:0:TCTGCAAG+GCTGCACT
CTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAG
AGACAAATGCAGAATTCTTCTCGCCGAATCCGCCTTCTATAGAAGCGAAGCATCAGCAATGCAAACG
GAAGAGACGTCTAGC

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@A00721:190:HGJW7DSXY:4:1365:13910:5635 2:N:0:TCTGCAAG+GCTGCACT
CTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAG
AGACAAATGCAGAATTCTTCTCGCCGAATCCGCCTTCTATAGAAGCGAAGCATCAGCAATGCAAACG
GAAGAGACGTCTAGC

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@A00721:190:HGJW7DSXY:4:1524:3414:15358 2:N:0:TCTGCAAG+GCTGCACT
CTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAG
GGACAAATGCAGAATTCTTCTCGCCGAATCCGCCTTCTATAGAAGCGAAGCATCAGCAATGCAAACG
GAAGAGACGTCTAGC

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@A00721:190:HGJW7DSXY:4:1641:3016:10755 2:N:0:TCTGCAAG+GCTGCACT
CTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAG
AGACAAATGCAGAATTCTTCTCGCCGAATCCGCCTTCTATAGAAGCGAAGCATCAGCAATGCAAACG
GAAGAGACGTCTAGC

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@A00721:190:HGJW7DSXY:4:2112:32136:7670 2:N:0:TCTGCAAG+GCTGCACT
CTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAG
AGACAAATGCAGAATTCTTCTCGCCGAATCCGCCTTCTATAGAAGCGAAGCATCAGCAATGCAAACG
GAAGAGACGTCTAGC

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@A00721:190:HGJW7DSXY:4:2114:29487:28040 2:N:0:TCTGCAAG+GCTGCACT
CTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAG
AGACAAATGCAGAATTCTTCTCGCCGAATCCGCCTTCTATAGAAGCGAAGCATCAGCAATGCAAACG
GAAGAGACGTCTAGC

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@A00721:190:HGJW7DSXY:4:2148:9679:27993 2:N:0:TCTGCAAG+GCTGCACT
CTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAG
AGACAAATGCAGAATTCTTCTCGCCGAATCCGCCTTCTATAGAAGCGAAGCATCAGCAATGCAAACG
GAAGAGACGTCTAGC

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[illegible][illegible]

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@A00721:190:HGJW7DSXY:4:2521:20989:11068 2:N:0:TCTGCAAG+GCTGCACT
CTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAG

@A00721:190:HGJW7DSXY:4:1154:26332:22608 2:N:0:TCTGCAAG+GCTGCACT
CCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGC
CAATTCATCTTTAAAGATTTGGACAGAGACAAATGCAGAATTCTTCTTCGCCGAATCCGCCTTCTATA
GAAGCGAAGCATCAG

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@A00721:190:HGJW7DSXY:4:1655:20980:12305 2:N:0:TCTGCAAG+GCTGCACT
CCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGC
CAATTCATCTTTAAAGATTTGGACAGAGACAAATGCAGAATTCTTCTTCGCCGAATCCGCCTTCTATA
GAAGCGAAGCATCAG

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@A00721:190:HGJW7DSXY:4:2104:3097:25300 2:N:0:TCTGCAAG+GCTGCACT
CGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGCC
AATTCATCTTTAAAGATTTGGACAGAGACAAATGCAGAATTCTTCTTCGCCGAATCCGCCTTCTATAG
AAGCGAAGCATCAG

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@A00721:190:HGJW7DSXY:4:2347:6171:30561 2:N:0:TCTGCAAG+GCTGCACT
CCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGC
CAATTCATCTTTAAAGATTTGGACAGAGACAAATGCAGAATTCTTCTTCGCCGAATCCGCCTTCTATA
GAAGCGAAGCATCAG

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@A00721:190:HGJW7DSXY:4:1272:13358:33990 2:N:0:TCTGCAAG+GCTGCACT
ATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGATGCCAATTC
ATCTTTAAAGATTTGGACAGAGACAAATGCAGAATTCTTCTTCGCCGAATCCGCCTTCTATAGAAGCG
AAGCATC

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@A00721:190:HGJW7DSXY:4:1331:15139:28557 2:N:0:TCTGCAAG+GCTGCACT
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ATCTTTAAAGATTTGGACAGAGACAAATGCAGAATTCTTCTTCGCCGAATCCGCCTTCTATAGAAGCG
AAGCATC

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@A00721:190:HGJW7DSXY:4:1509:27606:30702 2:N:0:TCTGCAAG+GCTGCACT
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ATCTTTAAAGATTTGGACAGAGACAAATGCAGAATTCTTCTTCGCCGAATCCGCCTTCTATAGACGCG
AAGCATC

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@A00721:190:HGJW7DSXY:4:1607:3323:21183 2:N:0:TCTGCAAG+GCTGCACT
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AAGCATC

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@A00721:190:HGJW7DSXY:4:2272:8404:27164 2:N:0:TCTGCAAG+GCTGCACT
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ATCTTTAAAGATTTGGACAGAGACAAATGCAGAATTCTTCTTCGCCGAATCCGCCTTCTATAGAAGCG
AAGCATC

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@A00721:190:HGJW7DSXY:4:2276:26549:14465 2:N:0:TCTGCAAG+GCTGCACT
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ATCTTTAAAGATTTGGACAGAGACAAATGCAGAATTCTTCTTCGCCGAATCCGCCTTCTATAGAAGCG
AAGCATC

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@A00721:190:HGJW7DSXY:4:2347:4318:12727 2:N:0:TCTGCAAG+GCTGCACT
ATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTTGACAAGGATGCCAATTC
ATCTTTAAAGATTTGGACAGAGACAAATGCAGAATTCTTCTTCGCCGAATCCGCCTTCTATAGAAGCG
AAGCATC

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@A00721:190:HGJW7DSXY:4:2563:12364:2049 2:N:0:TCTGCAAG+GCTGCACT
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ATCTTTAAAGATTTGGACAGAGACAAATGCAGAATTCTTCTTCGCCGAATCCGCCTTCTATAGAAGCG
AAGCATC

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@A00721:190:HGJW7DSXY:4:1107:27272:3255 2:N:0:TCTGCAAG+GCTGCACT
AACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCT
TATAAGACGTTCTTGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAGAGACAAATGCAGAATT
CTTCTTCGCCGAATC

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@A00721:190:HGJW7DSXY:4:1133:10158:32424 2:N:0:TCTGCAAG+GCTGCACT
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TATAAGACGTTCTTGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAGAGACAAATGCAGAATT
CTTCTTCGCCGAATC

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@A00721:190:HGJW7DSXY:4:1165:11704:2660 2:N:0:TCTGCAAG+GCTGCACT
AACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCT
TATAAGACGTTCTTGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAGAGACAAATGCAGAATT
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@A00721:190:HGJW7DSXY:4:1350:1163:34976 2:N:0:TCTGCAAG+GCTGCACT
AACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCT
TATAAGACGTTCTTGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAGAGACAAATGCAGAATT
CTTCTTCGCCGAATC

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@A00721:190:HGJW7DSXY:4:1448:5222:28197 2:N:0:TCTGCAAG+GCTGCACT
AACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCT
TATAAGACGTTCTTGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAGAGACAAATGCAGAATT
CTTCTTCGCCGAATC

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@A00721:190:HGJW7DSXY:4:1521:18991:27461 2:N:0:TCTGCAAG+GCTGCACT
AACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCT
TATAAGACGTTCTTGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAGAGACAAATGCAGAATT
CTTCTTCGCCGAATC

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@A00721:190:HGJW7DSXY:4:1618:3161:30953 2:N:0:TCTGCAAG+GCTGCACT
AACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCT
TATAAGACGTTCTTGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAGAGACAAATGCAGAATT
CTTCTTCGCCGAATC

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@A00721:190:HGJW7DSXY:4:1619:27290:25645 2:N:0:TCTGCAAG+GCTGCACT
AACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCT
TATAAGACGTTCTTGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAGAGACAAATGCAGAATT
CTTCTTCGCCGAATC

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@A00721:190:HGJW7DSXY:4:2218:2184:5588 2:N:0:TCTGCAAG+GCTGCACT
AACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCT

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@A00721:190:HGJW7DSXY:4:1528:9453:6715 2:N:0:TCTGCAAG+GCTGCACT
GTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAG
AATATTCTTATAAGACGTTCTGACAAGGATGCCAATTCATCTTTAAAGATTGGACAGAGACAAAT
GCAGAATTCTTCTTC

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@A00721:190:HGJW7DSXY:4:1564:17183:7357 2:N:0:TCTGCAAG+GCTGCACT
GTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAG
AATATTCTTATAAGACGTTCTGACAAGGATGCCAATTCATCTTTAAAGATTGGACAGAGACAAAT
GCAGAATTCTTCTTC

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@A00721:190:HGJW7DSXY:4:1676:15157:23484 2:N:0:TCTGCAAG+GCTGCACT
GTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAG
AATATTCTTATAAGACGTTCTGACAAGGATGCCAATTCATCTTTAAAGATTGGACAGAGACAAAT
GCAGAATTCTTCTTC

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@A00721:190:HGJW7DSXY:4:1213:27597:5447 2:N:0:TCTGCAAG+GCTGCACT
AGAAGAATTCTGCATTTGTCTCTGTCCAAATCTTTAAAGATGAATTGGCATCCTTGTCCAGGAACGTC
TTATAAGAATATTCTTCTGAGCCTGGATTGCAAAGCACGATTGACGGGATACCACCTTAATTTGAAT
TGGTTTGCCGTACTT

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@A00721:190:HGJW7DSXY:4:1228:19813:22561 2:N:0:TCTGCAAG+GCTGCACT
AGAAGAATTCTGCATTTGTCTCTGTCCAAATCTTTAAAGATGAATTGGCATCCTTGTCCAGGAACGTC
TTATAAGAATATTCTTCTGAGCCTGGATTGCAAAGCACGATTGACGGGATACCACCTTTAATTTGAAT
TGGTTTGCCGTACTT

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@A00721:190:HGJW7DSXY:4:2134:28203:13542 2:N:0:TCTGCAAG+GCTGCACT
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TTATAAGAATATTCTTCTGAGCCTGGATTGCAAAGCACGATTGACGGGATACCACCTTTAATTTGAAT
TGGTTTGCCGTACTT

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@A00721:190:HGJW7DSXY:4:2272:32579:21840 2:N:0:TCTGCAAG+GCTGCACT
AGAAGAATTCTGCATTTGTCTCTGTCCAAATCTTTAAAGATGAATTGGCATCCTTGTCCAGGAACGTC
TTATAAGAATATTCTTCTGAGCCTGGATTGCAAAGCACGATTGACGGGATACCACCTTTAATTTGAAT
TGGTTTGCCGTACTT

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@A00721:190:HGJW7DSXY:4:1536:28971:25676 2:N:0:TCTGCAAG+GCTGCACT
ATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGA

TGCCAATTCATCTTTAAAGATTTGGACAGACTATCCGCATCTGGACGACATTACAACCAGTCCCAGAA
TTACTGCAGAACCCG

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@A00721:190:HGJW7DSXY:4:2343:7527:22451 2:N:0:TCTGCAAG+GCTGCACT
ATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTGGACAAGGA
TGCCAATTCACTTTAAAGATTTGGACAGACTATCCGCATCTGGACGACATTACAACCAGTCCCAGAA
TTACTGCAGAACCCG

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@A00721:190:HGJW7DSXY:4:1421:7961:20415 2:N:0:TCTGCAAG+GCTGCACT
CGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAAT
ATTCTTATAAGACGTTCTGGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAGACTATCCGCAT
CTGGACGACATTACA

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@A00721:190:HGJW7DSXY:4:1560:2193:26678 2:N:0:TCTGCAAG+GCTGCACT
CGGCAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAAT
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CTGGACGACATTACA

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@A00721:190:HGJW7DSXY:4:2612:27380:33724 2:N:0:TCTGCAAG+GCTGCACT
CGGCAAACCAATTCAAATTAAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAAT
ATTCTTATAAGACGTTCTGGACAAGGATGCCAATTCATCTTTAAAGATTTGGACAGACTATCCGCAT
CTGGACGACATTACA

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@A00721:190:HGJW7DSXY:4:2541:2935:16094 2:N:0:TCTGCAAG+GCTGCACT
GCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGGTATCCCGTCAATCG
TGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTGACAAGGATGCCAATTCATCT
TTAAAGATTTGGACA

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@A00721:190:HGJW7DSXY:4:2603:12319:34851 2:N:0:TCTGCAAG+GCTGCACT
GCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGGTATCCCGTCAATCG
TGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTGACAAGGATGCCAATTCATCT
TTAAAGATTTGGACA

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@A00721:190:HGJW7DSXY:4:2659:29215:1892 2:N:0:TCTGCAAG+GCTGCACT
GCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGGTATCCCGTCAATCG
TGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTGACAAGGATGCCAATTCATCT
TTAAAGATTTGGACA

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@A00721:190:HGJW7DSXY:4:1418:32244:35196 2:N:0:TCTGCAAG+GCTGCACT
GCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGGTATCCCGTCAATCG
TGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTGACAAGGATGCCAATTCATCT
TTAAAGATTTGGAC

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@A00721:190:HGJW7DSXY:4:1132:3676:14434 2:N:0:TCTGCAAG+GCTGCACT
ACAATTGGGAATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGGTATCCCGTCAATCGTG
CTTTGCAATCCAGGCTCAGAATAATAATCTTATAAAACGTTCTGACAAGTATGCCAATACATAATT
AAATATTTCTACA

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@A00721:190:HGJW7DSXY:4:1146:22164:7560 2:N:0:TCTGCAAG+GCTGCACT
ATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGGTAT
CCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTGACAAGGATG
CCAATTCATCTTTAA

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@A00721:190:HGJW7DSXY:4:1272:22435:2895 2:N:0:TCTGCAAG+GCTGCACT
ATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGGTAT

@A00721:190:HGJW7DSXY:4:1525:15148:2362 2:N:0:TCTGCAAG+GCTGCACT
CTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGG
TATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTCTGGACAAGG
ATGCCAATTCATCTT

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@A00721:190:HGJW7DSXY:4:2378:21459:13949 2:N:0:TCTGCAAG+GCTGCACT
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TATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTCTGGACAAGG
ATGCCAATTCATCTT

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@A00721:190:HGJW7DSXY:4:1164:12210:18630 2:N:0:TCTGCAAG+GCTGCACT
AGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGT
GGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTCTGGACAA
GGATGCCAATTCATC

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@A00721:190:HGJW7DSXY:4:1472:13729:8390 2:N:0:TCTGCAAG+GCTGCACT
AGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGT
GGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTCTGGACAA
GGATGCCAATTCATC

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@A00721:190:HGJW7DSXY:4:2442:18801:7216 2:N:0:TCTGCAAG+GCTGCACT
AGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGT
GGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTCTGGACAA
GGATGCCAATTCATC

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@A00721:190:HGJW7DSXY:4:2578:7708:11992 2:N:0:TCTGCAAG+GCTGCACT
AGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGT
GGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTCTGGACAA
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@A00721:190:HGJW7DSXY:4:2641:19623:16438 2:N:0:TCTGCAAG+GCTGCACT
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GGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTCTGGACAA
GGATGCCAATTCATC

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@A00721:190:HGJW7DSXY:4:1336:19434:7467 2:N:0:TCTGCAAG+GCTGCACT
GGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAG
GTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTTGAC
AAGGATGCCAATTCA

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@A00721:190:HGJW7DSXY:4:1434:20971:14951 2:N:0:TCTGCAAG+GCTGCACT
GGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAG
GTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTTGAC
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@A00721:190:HGJW7DSXY:4:1453:4553:21214 2:N:0:TCTGCAAG+GCTGCACT
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GTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTTGAC
AAGGATGCCAATTCA

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@A00721:190:HGJW7DSXY:4:2310:25545:26506 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2602:18620:3302 2:N:0:TCTGCAAG+GCTGCACT
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GTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTTGAC
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@A00721:190:HGJW7DSXY:4:1163:19470:18208 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1150:10936:20807 2:N:0:TCTGCAAG+GCTGCACT
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AGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTTGAC
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AGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTCGG
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@A00721:190:HGJW7DSXY:4:2277:28872:36777 2:N:0:TCTGCAAG+GCTGCACT
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AAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTG
GACAAGGATGCCAAT

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@A00721:190:HGJW7DSXY:4:2320:29161:19241 2:N:0:TCTGCAAG+GCTGCACT
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AAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTG
GACAAGGATGCCAAT

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@A00721:190:HGJW7DSXY:4:2320:29423:19445 2:N:0:TCTGCAAG+GCTGCACT
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AAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAATACGTTCTG
GACAAGGATGCCAAT

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@A00721:190:HGJW7DSXY:4:2641:11695:30796 2:N:0:TCTGCAAG+GCTGCACT
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AAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTG
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@A00721:190:HGJW7DSXY:4:1121:14561:14340 2:N:0:TCTGCAAG+GCTGCACT
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ATTAAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTT
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@A00721:190:HGJW7DSXY:4:1204:10773:32925 2:N:0:TCTGCAAG+GCTGCACT
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ATTAAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTT
CCTGGACAAGGATGC

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@A00721:190:HGJW7DSXY:4:1403:10854:16125 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1403:11659:17268 2:N:0:TCTGCAAG+GCTGCACT
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ATTAAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTT
CCTGGACAAGGATGC

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@A00721:190:HGJW7DSXY:4:1669:3450:36714 2:N:0:TCTGCAAG+GCTGCACT
ATTGGAAGGAGCTTATTGGGGTCCAGCACAAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAA
ATTAAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTT
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@A00721:190:HGJW7DSXY:4:2143:28772:21261 2:N:0:TCTGCAAG+GCTGCACT
TTGGAAGGAGCTTATTGGGGTCCAGCACAAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAA
TTAAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTC
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@A00721:190:HGJW7DSXY:4:2157:16523:11788 2:N:0:TCTGCAAG+GCTGCACT
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ATTAAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTT
CCTGGACAAGGATGC

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@A00721:190:HGJW7DSXY:4:1625:9914:18537 2:N:0:TCTGCAAG+GCTGCACT
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ATACCACCTTTAATTTGAATTGGTTTGCCGTACTTCACATTGGATACCCAATTGTGCTGGACCCAAT
AAGCTCCTTCCAATG

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@A00721:190:HGJW7DSXY:4:2633:30029:2237 2:N:0:TCTGCAAG+GCTGCACT
CATCCTTGTCAGGAACGTCTTATAAGAATATTCTTCTGAGCCTGGATTGCAAAGCACGATTGACGGG
ATACCACCTTTAATTTGAATTGGTTTGCCGTACTTCACATTGGATACCCAATTGTGCTGGACCCAAT
AAGCTCCTTCCAA

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@A00721:190:HGJW7DSXY:4:2635:21124:30530 2:N:0:TCTGCAAG+GCTGCACT
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ATACCACCTTTAATTTGAATTGGTTTGCCGTACTTCACATTGGATACCCAATTGTGCTGGACCCCAAT
AAGCTCCTTCCAATG

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@A00721:190:HGJW7DSXY:4:2652:19533:11804 2:N:0:TCTGCAAG+GCTGCACT
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GTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTCTTGAC
AAGGATG

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@A00721:190:HGJW7DSXY:4:1314:27190:1172 2:N:0:TCTGCAAG+GCTGCACT
AAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAAT
TCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGA
CGTTCCTGGACAAGG

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@A00721:190:HGJW7DSXY:4:1268:29044:27993 2:N:0:TCTGCAAG+GCTGCACT
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CTTATAAGACGTTCC

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@A00721:190:HGJW7DSXY:4:1276:19054:16016 2:N:0:TCTGCAAG+GCTGCACT
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CAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATT
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@A00721:190:HGJW7DSXY:4:1503:23836:17409 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1550:26096:34569 2:N:0:TCTGCAAG+GCTGCACT
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AAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTC
TTATAAGACGTTCC

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@A00721:190:HGJW7DSXY:4:1636:8757:16344 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2451:7744:17378 2:N:0:TCTGCAAG+GCTGCACT
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CAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATT
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@A00721:190:HGJW7DSXY:4:2609:6343:12164 2:N:0:TCTGCAAG+GCTGCACT
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CTTATAAGACGTTCC

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@A00721:190:HGJW7DSXY:4:1532:19542:14920 2:N:0:TCTGCAAG+GCTGCACT
GAACGTCTTATAAGAATATTCTTCTGAGCCTGGATTGCAAAGCACGATTGACGGGATACCACCTTTAA
TTTGAATTGGTTTGCCGTACTTCACATTGGATACCCAATTGTGCTGGACCCAATAAGCTCCTTCCAA
TGTTTCTTTTGAAGA

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@A00721:190:HGJW7DSXY:4:1544:7184:36605 2:N:0:TCTGCAAG+GCTGCACT
GAACGTCTTATAAGAATATTCTTCTGAGCCTGGATTGCAAAGCACGATTGACGGGATACCACCTTTAA
TTTGAATTGGTTTGCCGTACTTCACATTGGATACCCAATTGTGCTGGACCCAATAAGCTCCTTCCAA
TGTTTCTTTTGAAGA

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@A00721:190:HGJW7DSXY:4:1566:3016:32643 2:N:0:TCTGCAAG+GCTGCACT
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TTTGAATTGGTTTGCCGTACTTCACATTGGATACCCAATTGTGCTGGACCCAATAAGCTCCTTCCAA
TGTTTCTTTTGAAGA

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@A00721:190:HGJW7DSXY:4:2357:5023:20337 2:N:0:TCTGCAAG+GCTGCACT
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TTTGAATTGGTTTGCCGTACTTCACATTGGATACCCAATTGTGCTGGACCCAATAAGCTCCTTCCAA
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@A00721:190:HGJW7DSXY:4:2471:17327:34162 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2145:8332:22842 2:N:0:TCTGCAAG+GCTGCACT
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TGCCGTACTTCACATTGGATACCCAATTGTGCTGGACCCAATAAGCTCCTTCCAATGTTTCTTTTGA
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@A00721:190:HGJW7DSXY:4:1265:21251:27492 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1550:32181:29857 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2326:6424:8516 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2403:22661:17315 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2514:25753:33912 2:N:0:TCTGCAAG+GCTGCACT
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CAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATAGTGCTTTGCAATCCAG
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@A00721:190:HGJW7DSXY:4:1371:12301:1971 2:N:0:TCTGCAAG+GCTGCACT
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CCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCA
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@A00721:190:HGJW7DSXY:4:1101:12952:34757 2:N:0:TCTGCAAG+GCTGCACT
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GTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAA
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@A00721:190:HGJW7DSXY:4:1141:4661:15264 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1328:6795:32424 2:N:0:TCTGCAAG+GCTGCACT
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GTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAA
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GTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGCAA
TCCAGGCTCAGAAGA

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@A00721:190:HGJW7DSXY:4:1271:11279:24158 2:N:0:TCTGCAAG+GCTGCACT
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GGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGGTATCCCGTCAATCGTGCTTTGC
AATCCAGGCTCAGAA

@A00721:190:HGJW7DSXY:4:1306:25952:8453 2:N:0:TCTGCAAG+GCTGCACT
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GGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGGTATCCCGTCAATCGTGCTTTGC
AATCCAGGCTCAGAA

@A00721:190:HGJW7DSXY:4:1475:21459:15295 2:N:0:TCTGCAAG+GCTGCACT
AGATGACGTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATT
GGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGC
AATCCAGGCTCAGAA

@A00721:190:HGJW7DSXY:4:2142:7075:19789 2:N:0:TCTGCAAG+GCTGCACT
AGATGACGTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATT
GGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGCTTTGC
AATCCAGGCTCAGAA

@A00721:190:HGJW7DSXY:4:2509:9498:17190 2:N:0:TCTGCAAG+GCTGCACT
AGATGACGTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATT
GGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGGTATCCCGTCAATCGTGCTTTGC
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@A00721:190:HGJW7DSXY:4:1125:25807:12806 2:N:0:TCTGCAAG+GCTGCACT
CTGAGCCTGGATTGCAAAGCACGATTGACGGGATACCACCTTTAATTTGAATTGGTTTGCCGTACTTC
ACATTGGATACCAACATTGTGCTGGACCCCAATAAGCTCCTTCCAATGTTTCTTTGAAGATATGAAGG
GCTTGGCTCATCTAT

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@A00721:190:HGJW7DSXY:4:2205:17409:21621 2:N:0:TCTGCAAG+GCTGCACT
CTGAGCCTGGATTGCAAAGCACGATTGACGGGATACCACCTTTAATTTGAATTGGTTTGCCGTACTTC
ACATTGGATACCCAATTGTGCTGGACCCCAATAAGCTCCTTCCAATGTTTCTTTTGAAGATATGAAGG
GCTTGCGTCATCTAT

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@A00721:190:HGJW7DSXY:4:2511:25093:26193 2:N:0:TCTGCAAG+GCTGCACT
CTGAGCCTGGATTGCAAAGCACGATTGACGGGATACCACCTTTAATTTGAATTGGTTTGCCGTACTTC
ACATTGGATACCCAATTGTGCTGGACCCCAATAAGCTCCTTCCAATGTTTCTTTTGAAGATATGAAGG
GCTTGCGTCATCTAT

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@A00721:190:HGJW7DSXY:4:1242:19524:9095 2:N:0:TCTGCAAG+GCTGCACT
ATCATAGATGACGTAAGCCCTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCA
CAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGC
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@A00721:190:HGJW7DSXY:4:1258:4291:1689 2:N:0:TCTGCAAG+GCTGCACT
ATCATAGATGACGTAAGCCCTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCA
CAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGC
TTTGAATCCAGGCT

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@A00721:190:HGJW7DSXY:4:1362:7952:27101 2:N:0:TCTGCAAG+GCTGCACT
ATCATAGATGACGTAAGCCCTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCA
CAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGC
TTTGAATCCAGGCT

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@A00721:190:HGJW7DSXY:4:1374:21902:28902 2:N:0:TCTGCAAG+GCTGCACT
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CAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGC
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@A00721:190:HGJW7DSXY:4:1430:31358:22670 2:N:0:TCTGCAAG+GCTGCACT
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CAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGC
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@A00721:190:HGJW7DSXY:4:1472:8043:36996 2:N:0:TCTGCAAG+GCTGCACT
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TTTGCAATCCAGGCT

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@A00721:190:HGJW7DSXY:4:1638:11523:36104 2:N:0:TCTGCAAG+GCTGCACT
ATCATAGATGACGTAAGCCCTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCA
CAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAATCGTGC
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@A00721:190:HGJW7DSXY:4:2122:1850:9267 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2219:32145:34272 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1150:5403:24940 2:N:0:TCTGCAAG+GCTGCACT
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CCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAA
TCGTGCTTTGCAATC

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@A00721:190:HGJW7DSXY:4:1204:4164:20729 2:N:0:TCTGCAAG+GCTGCACT
TATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGT
CCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAA
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@A00721:190:HGJW7DSXY:4:1356:4227:5932 2:N:0:TCTGCAAG+GCTGCACT
TATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTATTGGGGT
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TCGTGCTTTGCAATC

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@A00721:190:HGJW7DSXY:4:1462:14543:32158 2:N:0:TCTGCAAG+GCTGCACT
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CCAGCACAAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGGTATCCCGTCAA
TCGTGCTTTGCAATC

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@A00721:190:HGJW7DSXY:4:1514:5113:8688 2:N:0:TCTGCAAG+GCTGCACT
TATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTATTGGGGT
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TCGTGCTTTGCAATC

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@A00721:190:HGJW7DSXY:4:1612:7916:28855 2:N:0:TCTGCAAG+GCTGCACT
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CAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCAAT
CGTGCTTTGCAATC

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@A00721:190:HGJW7DSXY:4:1612:8775:29371 2:N:0:TCTGCAAG+GCTGCACT
TATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTATTGGGGT
CCAGCACAAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGGTATCCCGTCAA
TCGTGCTTTGCAATC

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@A00721:190:HGJW7DSXY:4:1619:4209:9283 2:N:0:TCTGCAAG+GCTGCACT
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TCGTGCTTTGCAATC

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@A00721:190:HGJW7DSXY:4:1631:25635:11694 2:N:0:TCTGCAAG+GCTGCACT
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CCAGCACAAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAAGGTGGTATCCCGTCAA
TCGTGCTTTGCAATC

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@A00721:190:HGJW7DSXY:4:1526:10068:33739 2:N:0:TCTGCAAG+GCTGCACT
GGATAACATCATAGATGACTTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTATTGGGG
TCCAGCACAATAGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCACGTCA
ATCGTGCTTTGCAAT

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@A00721:190:HGJW7DSXY:4:2465:16459:13495 2:N:0:TCTGCAAG+GCTGCACT
GTATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTATTGGGG
TCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATCCCGTCA
ATCGTGCTTTGCAAT

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@A00721:190:HGJW7DSXY:4:1155:8124:14184 2:N:0:TCTGCAAG+GCTGCACT
CGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTA
TTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATC
CCGTCAATCGTGCTT

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@A00721:190:HGJW7DSXY:4:1155:7464:16047 2:N:0:TCTGCAAG+GCTGCACT
CGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTA
TTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATC
CCGTCAATCGTGCTT

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@A00721:190:HGJW7DSXY:4:1207:17155:1611 2:N:0:TCTGCAAG+GCTGCACT
CGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTA
TTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATC
CCGTCAATCGTGCTT

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@A00721:190:HGJW7DSXY:4:1310:28926:29700 2:N:0:TCTGCAAG+GCTGCACT
CGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTA
TTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAATTCAAATTAAGGTGGTATC
CCGTCAATCGTGCTT

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@A00721:190:HGJW7DSXY:4:1410:10438:33912 2:N:0:TCTGCAAG+GCTGCACT
CGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTA

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@A00721:190:HGJW7DSXY:4:1643:14154:11569 2:N:0:TCTGCAAG+GCTGCACT
CGAAACTATATTCGAATAACGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAAG
AAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAAT
TCAAATTAAAGGTGG

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@A00721:190:HGJW7DSXY:4:2369:32750:32753 2:N:0:TCTGCAAG+GCTGCACT
CGAAACTATATTCGAATAACGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAAG
AAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAAT
TCAAATTAAAGGTGG

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@A00721:190:HGJW7DSXY:4:1113:16866:23281 2:N:0:TCTGCAAG+GCTGCACT
CACCTTTAATTTGAATTGGTTTGCCGTACTTCACATTGGATACCCAATTGTGCTGGACCCCAATAAGC
TCCTTCCAATGTTTCTTTTGAAGATATGAAGGGCTTGCGTCATCTATGATGTTATACCATGCGTTATT
CGAATATAGTTTCGA

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@A00721:190:HGJW7DSXY:4:1402:22064:33317 2:N:0:TCTGCAAG+GCTGCACT
CACCTTTAATTTGAATTGGTTTGCCGTACTTCACATTGGATACCCAATTGTGCTGGACCCCAATAAGC
TCCTTCCAATGTTTCTTTTGAAGATATGAAGGGCTTGCGTCATCTATGATGTTATACCATGCGTTATT
CGAATATAGTTTCGA

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@A00721:190:HGJW7DSXY:4:1450:5746:23062 2:N:0:TCTGCAAG+GCTGCACT
CACCTTTAATTTGAATTGGTTTGCCGTACTTCACATTGGATACCCAATTGTGCTGGACCCCAATAAGC
TCCTTCCAATGTTTCTTTTGAAGATATGAAGGGCTTGCGTCATCTATGATGTTATACCATGCGTTATT
CGAATATAGTTTCGA

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@A00721:190:HGJW7DSXY:4:1468:24957:24361 2:N:0:TCTGCAAG+GCTGCACT
CACCTTTAATTTGAATTGGTTTGCCGTACTTCACATTGGATACCCAATTGTGCTGGACCCCAATAAGC
TCCTTCCAATGTTTCTTTTGAAGATATGAAGGGCTTGCGTCATCTATGATGTTATACCATGCGTTATT
CGAATATAGTTTCGA

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@A00721:190:HGJW7DSXY:4:1509:14217:14716 2:N:0:TCTGCAAG+GCTGCACT
CACCTTTAATTTGAATTGGTTTGCCGTACTTCACATTGGATACCCAATTGTGCTGGACCCCAATAAGC
TCCTTCCAATGTTTCTTTTGAAGATATGAAGGGCTTGCGTCATCTATGATGTTATACCATGCGTTATT
CGAATATAGTTTCGA

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@A00721:190:HGJW7DSXY:4:2139:8386:21840 2:N:0:TCTGCAAG+GCTGCACT
CGAAACTATATTCTGAATAACGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAAG
AAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTACGGCAAACCAAT
TCAAATTAAAGGTG

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@A00721:190:HGJW7DSXY:4:1171:26512:20979 2:N:0:TCTGCAAG+GCTGCACT
CTTTAATTCGAAACTATATTCTGAATAACGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATC
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@A00721:190:HGJW7DSXY:4:1201:6741:32299 2:N:0:TCTGCAAG+GCTGCACT
CTTTAATTCGAAACTATATTCTGAATAACGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATC
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@A00721:190:HGJW7DSXY:4:1209:4065:11412 2:N:0:TCTGCAAG+GCTGCACT
CTTTAATTCGAAACTATATTCTGAATAACGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATC
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@A00721:190:HGJW7DSXY:4:1527:21838:23375 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1625:17363:14121 2:N:0:TCTGCAAG+GCTGCACT
CTTTAATTCGAAACTATATTCTGAATAACGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATC
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@A00721:190:HGJW7DSXY:4:2242:13304:28855 2:N:0:TCTGCAAG+GCTGCACT
CTTTAATTCGAAACTATATTCTGAATAACGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATC

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@A00721:190:HGJW7DSXY:4:2675:15510:15890 2:N:0:TCTGCAAG+GCTGCACT
CTAGACTTTAATTGAAACTATATTCGAATAACGCATGGTATAACATCATAGATGACGTAAGCCCTTC
ATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGT
ACGGCAAACCAATTC

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@A00721:190:HGJW7DSXY:4:2263:12274:1986 2:N:0:TCTGCAAG+GCTGCACT
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ATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGT
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@A00721:190:HGJW7DSXY:4:1326:3125:21527 2:N:0:TCTGCAAG+GCTGCACT
AGACTTTAATTGAAACTATATTCGAATAACGCATGGTATAACATCATAGATGACGTAAGCCCTTCAT
ATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTAC
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@A00721:190:HGJW7DSXY:4:1336:16324:17487 2:N:0:TCTGCAAG+GCTGCACT
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ATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTAC
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@A00721:190:HGJW7DSXY:4:2124:16080:8829 2:N:0:TCTGCAAG+GCTGCACT
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ATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTAC
GGCAAACCAAT

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@A00721:190:HGJW7DSXY:4:2247:2573:29215 2:N:0:TCTGCAAG+GCTGCACT
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ATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTAC
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@A00721:190:HGJW7DSXY:4:2264:19732:7138 2:N:0:TCTGCAAG+GCTGCACT
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ATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTAC
GGCAAACCAAT

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@A00721:190:HGJW7DSXY:4:2314:28999:5713 2:N:0:TCTGCAAG+GCTGCACT
AGACTTTAATTGAAACTATATTCGAATAACGCATGGTATAACATCATAGATGACGTAAGCCCTTCAT
ATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTAC
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@A00721:190:HGJW7DSXY:4:2350:25174:34914 2:N:0:TCTGCAAG+GCTGCACT
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ATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTAC
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@A00721:190:HGJW7DSXY:4:2457:16514:9424 2:N:0:TCTGCAAG+GCTGCACT
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ATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTGAAGTAC
GGCAAACCACT

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@A00721:190:HGJW7DSXY:4:1132:11650:32597 2:N:0:TCTGCAAG+GCTGCACT
ATATATAGACTTTAATTGAAACTATATTCGAATAACGCATGGTATAACATCATAGATGACGTAAGCC
AATCATATCTACAAAGAAACATTTGAAGGAGCTTATTGGTTTCCAGCACAATTGGGTATCCAATGTG
AAGTACGGCAAACCA

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 :FFF, : ,FFF:FFFF
@A00721:190:HGJW7DSXY:4:1434:31078:8782 2:N:0:TCTGCAAG+GCTGCACT
ATATCTAGACTTTAATTGAAACTATATTCGAATAACGCATGGTATAACATCATAGATGACGTAAGCC
CTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTG
AAGTACGGCAAACCA

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@A00721:190:HGJW7DSXY:4:1519:21911:25191 2:N:0:TCTGCAAG+GCTGCACT
ATATCTAGACTTTAATTGAAACTATATTCGAATAACGCATGGTATAACATCATAGATGACGTAAGCC
CTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTGGGTATCCAATGTG
AAGTACGGCAAACCA

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@A00721:190:HGJW7DSXY:4:1545:7437:18912 2:N:0:TCTGCAAG+GCTGCACT
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CTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAAATTGGGTATCCAATGTG
AAGTACGGCAAACCA

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@A00721:190:HGJW7DSXY:4:1232:1506:28808 2:N:0:TCTGCAAG+GCTGCACT
ATTACATGTTTCGGATATCTAGACTTTAATTCGAACTATATTCGAATAACGCATGGTATAACATCATA
GATGACGTAAGCCCTTCATATCTTCAAAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAAATTG
GGTATCCAATGTGAA

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@A00721:190:HGJW7DSXY:4:1562:14498:10848 2:N:0:TCTGCAAG+GCTGCACT
ATTACATGTTTCGGATATCTAGACTTTAATTCGAACTATATTCGAATAACGCATGGTATAACATCATA
GATGACGTAAGCCCTTCATATCTTCAAAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAATTG
GGTATCCAATGTGAA

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@A00721:190:HGJW7DSXY:4:2111:18891:20243 2:N:0:TCTGCAAG+GCTGCACT
ATTACATGTTTCGGATATCTAGACTTTAATTCGAAACTATATTCGAATAACGCATGGTATAACATCATA
GATGACGTAAGCCCTTCATATCTTCAAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACAAATTG
GGTATCCAATGTGAA

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@A00721:190:HGJW7DSXY:4:2616:16224:7357 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2528:6225:27211 2:N:0:TCTGCAAG+GCTGCACT
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CATAGATGACGTAAGCCCTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACA
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@A00721:190:HGJW7DSXY:4:2557:7202:17065 2:N:0:TCTGCAAG+GCTGCACT
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ATTGGGTATCCAATG

@A00721:190:HGJW7DSXY:4:2559:8449:25175 2:N:0:TCTGCAAG+GCTGCACT
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ATTGGGTATCCAATG

@A00721:190:HGJW7DSXY:4:2647:15673:16861 2:N:0:TCTGCAAG+GCTGCACT
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CATAGATGACGTAAGCCCTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACA
ATTGGGTATCCAATG

@A00721:190:HGJW7DSXY:4:1130:13422:1157 2:N:0:TCTGCAAG+GCTGCACT
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CATAGATGACGTAAGCCCTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCACA
ATTGGGTATCCAAT

@A00721:190:HGJW7DSXY:4:1507:25491:17456 2:N:0:TCTGCAAG+GCTGCACT
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TCATAGATGACGTAAGCCCTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCAC
AATTGGGTATCCAAT

@A00721:190:HGJW7DSXY:4:2419:18240:30138 2:N:0:TCTGCAAG+GCTGCACT
ACATAATTACATGTTTCGGATATCTAGACTTTAATTCGAACTATATTCGAATAACGCATGGTATAACA
TCATAGATGACGTAAGCCCTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGGGGTCCAGCAC
AATTGGGTATCCAAT

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@A00721:190:HGJW7DSXY:4:1626:22001:30358 2:N:0:TCTGCAAG+GCTGCACT
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TCTATGATGTTATACCATGCGTTATTGAATATAGTTTGAATTAAAGTCTAGATATCCGAACATGTA
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@A00721:190:HGJW7DSXY:4:1656:20754:15734 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1659:2474:30013 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2347:11189:8719 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2222:26313:9017 2:N:0:TCTGCAAG+GCTGCACT
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TGGTATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAGAAACATTGGAAGGAGCTTATTGG
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@A00721:190:HGW7DSXY:4:2341:29921:16579 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGW7DSXY:4:2453:9842:25363 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGW7DSXY:4:2453:10276:25520 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGW7DSXY:4:2530:27615:14340 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGW7DSXY:4:1173:28999:30044 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1510:9218:1141 2:N:0:TCTGCAAG+GCTGCACT
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AACGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAGAAACATTGGAAGGAGCT
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@A00721:190:HGJW7DSXY:4:1654:4589:27445 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2164:2157:36166 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

@A00721:190:HGJW7DSXY:4:2240:19741:30264 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

@A00721:190:HGJW7DSXY:4:2428:16152:16282 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

@A00721:190:HGJW7DSXY:4:2578:28203:26850 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2613:27769:10723 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2613:5394:21073 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1339:13774:5243 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1355:7238:7075 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2121:19732:16188 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2121:19804:16313 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2435:2157:5415 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2476:23122:3709 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2573:32000:35837 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1304:20690:13025 2:N:0:TCTGCAAG+GCTGCACT
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CGAAACTATATTCTGAATAACGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATCTTCAAAG
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@A00721:190:HGJW7DSXY:4:1676:25934:9956 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2363:9625:13025 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1204:5367:19586 2:N:0:TCTGCAAG+GCTGCACT
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CAAAGAAACATTGG

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@A00721:190:HGJW7DSXY:4:1227:18738:30091 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1375:27914:35055 2:N:0:TCTGCAAG+GCTGCACT
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TTAATTCTGA AACTATATTCTGAATAACGCATGGTATAACATCATAGATGACGTAAGCCCTTCATATCTT
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@A00721:190:HGJW7DSXY:4:1541:25635:34992 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1122:10755:29700 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1304:13196:22780 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2432:9344:13009 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2177:27814:6417 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2611:30346:30342 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1118:30770:19742 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1425:12671:23688 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1442:6280:19100 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1508:15085:5760 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1611:21468:1595 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2228:28908:11945 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2275:14027:27853 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1134:4164:35383 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1348:28809:34882 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2121:28619:3333 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1647:28745:34491 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1625:18213:31939 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1673:8214:8703 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2139:32470:1517 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2410:14389:4492 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2450:15673:3646 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2450:16396:3740 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1242:11867:7889 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1307:27407:35336 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1328:30337:31015 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2302:8856:22341 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2624:23439:31093 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1518:3983:8672 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1611:2844:36041 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2205:6723:17581 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2219:7536:19429 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2219:7383:19539 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2309:10583:34225 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2471:5502:26991 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1420:21558:36542 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1104:18891:31266 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1108:3432:23093 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1109:4264:19241 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1350:14742:36260 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1628:25039:30765 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2347:1705:21136 2:N:0:TCTGCAAG+GCTGCACT
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[illegible][illegible]

@A00721:190:HGJW7DSXY:4:1244:3043:29403 2:N:0:TCTGCAAG+GCTGCACT
ATCCACAATCATTCTGTTGTTCCACAAGAGTTACAGTATTGGGTGACCCATAATATATTCTCACCTGAG

TCCAGACCTTACAGGACCAAGAGTCTGATACTCGAAGGTCCATCTAGAAGTGGAAAACTCTGTGGGC
TAGATCTCTAGGCC

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@A00721:190:HGJW7DSXY:4:2567:25816:3396 2:N:0:TCTGCAAG+GCTGCACT
ATCCACAATCATTCGTTGTTCCACAAGAGTTACAGTATTGGGTGACCCATAATATATTCTCACCTGAG
TCCAGACCTTACAGGACCAAGAGTCTGATACTCGAAGGTCCATCTAGAAGTGAAAAACTCTGTGGGC
TAGATCTCTAGGCC

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@A00721:190:HGJW7DSXY:4:1332:27525:20384 2:N:0:TCTGCAAG+GCTGCACT
GTTTCGATCCACAATCATTCGTTGTTCCACAAGAGTTACAGTATTGGGTGACCCATAATATATTCTCAC
CTGAGTCCAGACCTTACAGGACCAAGAGTCTGATACTCGAAGGTCCATCTAGAAGTGAAAACTCTG
TGGGCTAGATCTCTA

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FFFFFFF:FFFFFFF
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@A00721:190:HGJW7DSXY:4:2123:14714:27445 2:N:0:TCTGCAAG+GCTGCACT
TATCGCCGTTGATCCACAATCATTCGTTGTTCCACAAGAGTTACAGTATTGGGTGACCCATAATATA
TTCTCACCTGAGTCCAGACCTTACAGGACCAAGAGTCTGATACTCGAAGGTCCATCTAGAAGTGGA
AACTCTGTGGGCTAG

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@A00721:190:HGJW7DSXY:4:1209:7726:9956 2:N:0:TCTGCAAG+GCTGCACT
AGTTTTTCCACTTCTAGATGGACCTTCGAGTATCAGACTCTTGGTCCTGTAAGGTCTGGACTCAGGTG
AGAATATATTATGGGTCACCCAATACTGTAACTCGTGTGGAACAACGAATGATTGTGGATCGAACGGC
GATAGATATTCTTGT

@A00721:190:HGJW7DSXY:4:1638:18945:13354 2:N:0:TCTGCAAG+GCTGCACT
AGTTTTTCCACTTCTAGATGGACCTTCGAGTATCAGACTCTTGGTCCTGTAAGGTCTGGACTCAGGTG
AGAATATATTATGGGTCACCCAATACTGTAACCTCGTGTGGAACAACGAATGATTGTGGATCGAACGGC
GATAGATATTCTTGT

@A00721:190:HGJW7DSXY:4:1648:27218:21418 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1649:12500:13745 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2202:31313:36746 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2207:22652:11600 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2355:4634:17534 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2526:1226:15922 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2648:28094:19961 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2655:7455:24455 2:N:0:TCTGCAAG+GCTGCACT
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AGAATATATTATGGGTCACCCAATACTGTAACCTCGTGTGGAACAACGAATGATTGTGGATCGAACGGC
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@A00721:190:HGJW7DSXY:4:1128:29559:20744 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1170:25753:19413 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1258:29387:23891 2:N:0:TCTGCAAG+GCTGCACT
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ACCCATAATATATTCTCACCTGAGTCCAGACCTTACAGGACCAAGAGTCTGATACTCGAAGGTCCATC
TAGAAGTGGAAAAAC

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@A00721:190:HGJW7DSXY:4:1575:17309:28025 2:N:0:TCTGCAAG+GCTGCACT
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ACCCATAATATATTCTCACCTGAGTCCAGACCTTACAGGACCAAGAGTCTGATACTCGAAGGTCCATC
TAGAAGTGGAAAAAC

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@A00721:190:HGJW7DSXY:4:2151:21649:28526 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2215:22634:7623 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2405:6885:21966 2:N:0:TCTGCAAG+GCTGCACT
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AAGGTCCATCTAGAA

@A00721:190:HGJW7DSXY:4:2428:23475:33505 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2578:7979:13056 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2622:31665:36229 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2663:3287:13354 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2668:3007:5196 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1107:15185:28385 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2128:12644:16313 2:N:0:TCTGCAAG+GCTGCACT
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AGTATTGGGTGACCCATAATATATTCTCACCTGAGTCCAGACCTTACAGGACCAAGAGTCTGATACTC
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@A00721:190:HGJW7DSXY:4:2204:29071:3458 2:N:0:TCTGCAAG+GCTGCACT
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AGTATTGGGTGACCCATAATATATTCTCACCTGAGTCCAGACCTTACAGGACCAAGAGTCTGATACTC
GAAGGTCCATCTAGA

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@A00721:190:HGJW7DSXY:4:2357:23827:6057 2:N:0:TCTGCAAG+GCTGCACT
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AGTATTGGGTGACCCATAATATATTCTCACCTGAGTCCAGACCTTACAGGACCAAGAGTCTGATACTC
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@A00721:190:HGJW7DSXY:4:1123:6705:9032 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1231:1081:31704 2:N:0:TCTGCAAG+GCTGCACT
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TACAGTATTGGGTGACCCATAATATATTCTCACCTGAGTCCAGACCTTACAGGACCAAGAGTCTGATA
CTCGAAGGTCCATCT

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@A00721:190:HGJW7DSXY:4:1306:8766:13542 2:N:0:TCTGCAAG+GCTGCACT
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TACAGTATTGGGTGACCCATAATATATTCTCACCTGAGTCCAGACCTTACAGGACCAAGAGTCTGATA
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@A00721:190:HGJW7DSXY:4:1312:15799:34867 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1466:18087:34475 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2222:6135:27054 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2263:24171:32675 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2314:26268:6997 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2545:23909:20697 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1128:11903:2159 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1144:23619:2033 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1641:12798:18490 2:N:0:TCTGCAAG+GCTGCACT
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GTTACAGTATTGGGTGACCCATAATATATTCTCACCTGAGTCCAGACCTTACAGGACCAAGAGTCTGA
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@A00721:190:HGJW7DSXY:4:2149:29414:34303 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2308:8477:10410 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2510:26142:18865 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2135:16758:26819 2:N:0:TCTGCAAG+GCTGCACT
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CACCTGAGTCCAGAC

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@A00721:190:HGJW7DSXY:4:2308:30192:9627 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2544:10411:1141 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2634:10646:15828 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1127:12436:2456 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1231:13223:8422 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1426:15148:18239 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1145:29948:14685 2:N:0:TCTGCAAG+GCTGCACT
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CCAGAACCAATACAAGAATATCTATCGCCGTTGATCCACAATCATTGTTGTTCCACAAGAGTTACA
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@A00721:190:HGJW7DSXY:4:2145:27100:31892 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1338:19759:4867 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1423:31403:14638 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1526:6479:31093 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2278:20790:10848 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2211:16731:23390 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1104:1127:19132 2:N:0:TCTGCAAG+GCTGCACT

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@A00721:190:HGJW7DSXY:4:1339:21278:2362 2:N:0:TCTGCAAG+GCTGCACT

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@A00721:190:HGJW7DSXY:4:1402:1877:15327 2:N:0:TCTGCAAG+GCTGCACT

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@A00721:190:HGJW7DSXY:4:2152:10022:6073 2:N:0:TCTGCAAG+GCTGCACT

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@A00721:190:HGJW7DSXY:4:2175:6714:3662 2:N:0:TCTGCAAG+GCTGCACT

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@A00721:190:HGJW7DSXY:4:2257:24279:33144 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2438:12418:18521 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2539:26377:20619 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2542:29767:13244 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2102:10936:34522 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2349:20998:8985 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2619:24659:13135 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2154:6732:6950 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2221:10140:27352 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2446:16477:7420 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1308:2383:35274 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1310:14778:25175 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2611:10375:1673 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1262:31430:35571 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1554:27968:19617 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1436:22941:3176 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2325:16640:13150 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1248:5547:35994 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2228:9625:22482 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2240:11008:16266 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1230:11812:4914 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1248:8305:3787 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2613:1398:18693 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1110:16477:29559 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1514:32389:3850 2:N:0:TCTGCAAG+GCTGCACT
GAATGACGTCGCCGATTATATCACAAAAGGAGGATCTTATATTGATCACGGTCAATTTCAAGAAGACG

GCCGAAAAGAAAGTGTGATCGTATCGAACTAGACGTTGTTTATAATAAAGCTTTATCAGCTAGGTCA
AAGACAGAGTCTCTA

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@A00721:190:HGJW7DSXY:4:1639:2058:31955 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2119:3197:16642 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2253:25581:11036 2:N:0:TCTGCAAG+GCTGCACT
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AAGACAGAGTCTCTA

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@A00721:190:HGJW7DSXY:4:2457:24668:25739 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2457:28339:25989 2:N:0:TCTGCAAG+GCTGCACT
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GCCGAAAAGAAAGTGTGATCGTATCGAACTAGACGTTGTTTATAATAAAGCTTTATCAGCTAGGTCA
AAGACAGAGTCTCTA

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@A00721:190:HGJW7DSXY:4:2627:1434:25300 2:N:0:TCTGCAAG+GCTGCACT
AATGACGTCGCCGATTATATCACAAAAGGAGGATCTTATATTGATCACGGTCAATTTCAAGAAGACG
CCGAAAAGAAAGTGTGATCGTATCGAACTAGACGTTGTTTATAATAAAGCTTTATCAGCTAGGTCAA
AGACAGAGTCTCTA

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@A00721:190:HGJW7DSXY:4:1370:32931:22075 2:N:0:TCTGCAAG+GCTGCACT
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TCTTATATTGATCACGGTCAATTTCAAGAAGACGGCCGAAAAGAAAGTGTGATCGTATCGAACTAGA
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@A00721:190:HGJW7DSXY:4:2143:24451:29997 2:N:0:TCTGCAAG+GCTGCACT
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TCTTATATTGATCACGGTCAATTTCAAGAAGACGGCCGAAAAGAAAGTGTGATCGTATCGAACTAGA
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@A00721:190:HGJW7DSXY:4:2234:24297:26162 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1517:29658:19507 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1547:13865:20494 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2255:23529:22952 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2434:14253:33880 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2478:1289:15875 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2522:24017:3881 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1129:10746:14841 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1322:7084:23218 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2204:15637:28385 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2474:12337:31031 2:N:0:TCTGCAAG+GCTGCACT
CGAATCTTTTCACCCAAATATTCAAAGTGCAGATCGGCGAATGACGTCGCCGATTATATCACAAAAG
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@A00721:190:HGJW7DSXY:4:1101:21133:3145 2:N:0:TCTGCAAG+GCTGCACT
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AAGGAGGATCTTATATTGATCACGGTCAATTTCAAGAAGACGGCCGGAAAAGAAAGTGTGATCGTATC
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@A00721:190:HGJW7DSXY:4:1603:11333:28886 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2127:28311:35837 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2221:23321:12258 2:N:0:TCTGCAAG+GCTGCACT
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GAACTAGACGTTGTT

@A00721:190:HGJW7DSXY:4:2521:31304:18067 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2562:28971:7357 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2634:17535:19304 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1112:26106:14951 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1551:8901:1658 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2404:28058:11068 2:N:0:TCTGCAAG+GCTGCACT
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AAGGAGGATCTTATATTGATCACGGTCAATTTCAAGAAGACGGCCGAAAGAAAGTGTGATCGTATC
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@A00721:190:HGJW7DSXY:4:1463:14570:32581 2:N:0:TCTGCAAG+GCTGCACT
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TCGAAGTAGACGTTG

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@A00721:190:HGJW7DSXY:4:1560:15510:16141 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2173:22471:2487 2:N:0:TCTGCAAG+GCTGCACT
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AAAAGGAGGATCTTATATTGATCACGGTCAATTTCAAGAAGACGGCCGAAAAGAAAGTGTGATCGTA
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@A00721:190:HGJW7DSXY:4:1209:12572:6699 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1244:2862:29121 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1318:5782:13041 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1520:20383:12743 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2667:14082:2675 2:N:0:TCTGCAAG+GCTGCACT
GACGAATCTTTTCACCCAAATATTCAAAGTGCGAGATCGGCGAATGACGTCGCCGATTATATCACAAA

AGGAGGATCTTATATTGATCACGGTCAATTTCAAGAAGACGGCCGAAAAGAAAGTGTGATCGTATCG
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@A00721:190:HGJW7DSXY:4:1278:29387:36886 2:N:0:TCTGCAAG+GCTGCACT
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CGTATCGAACTAGAC

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@A00721:190:HGJW7DSXY:4:2236:14868:1752 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2303:16947:1783 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2453:16785:6605 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2569:26539:14356 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1206:6488:28635 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1476:15456:25191 2:N:0:TCTGCAAG+GCTGCACT
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TCGTATCGAACTAGA

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@A00721:190:HGJW7DSXY:4:1510:17002:24236 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2510:1271:14935 2:N:0:TCTGCAAG+GCTGCACT
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TCGTATCGAACTAGA

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@A00721:190:HGJW7DSXY:4:1447:6072:19961 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1548:8856:8061 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1621:10655:36417 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2319:29225:18317 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2332:12870:13886 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2361:16477:16219 2:N:0:TCTGCAAG+GCTGCACT
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GATATAATCGGCGACGTCATTGCGCGATCTCGCACTTTGAATATTTGGGTGAAAAGATTGTCGGAAT
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@A00721:190:HGJW7DSXY:4:1107:1452:18850 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2148:8820:32863 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2654:6596:27539 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGWJ7DSXY:4:1120:28113:10473 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGWJ7DSXY:4:1330:20971:21809 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGWJ7DSXY:4:1517:30273:11177 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1121:4915:9627 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1129:5330:10661 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1129:5692:11130 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1377:31602:36338 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1669:18141:28401 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1109:2293:29512 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2229:5638:6965 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2611:8124:32033 2:N:0:TCTGCAAG+GCTGCACT
GCAAGTATAAATGTCGGAATCCAAGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCAC
CCAAATATTCAAAGTGCAGATCGGCGAATGACGTCGCCGATTATATCACAAAAGGAGGATCTTATAT
TGATCACGGTCAATT

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[illegible]

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[illegible]

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[illegible]

@A00721:190:HGJW7DSXY:4:2154:23222:33379 2:N:0:TCTGCAAG+GCTGCACT
GCAAGTATAAATGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCAC

CCAAATATTCAAAGTGCGAGATCGGCGAATGACGTCGCCGATTATATCACAAAGGAGGATCTTATAT
TGATCACGGTCAAT

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@A00721:190:HGJW7DSXY:4:2314:24080:7968 2:N:0:TCTGCAAG+GCTGCACT
CCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCGGAATCCAAGGTTCTTCGACATAATCA
ACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTGCGAGATCGGCGACTGACGTCGCCGAT
TATATCACAAAAGGA

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@A00721:190:HGJW7DSXY:4:2338:19298:25989 2:N:0:TCTGCAAG+GCTGCACT
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ACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTGCGAGATCGGCGACTGACGTCGCCGAT
TATATCACAAAAGGA

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@A00721:190:HGJW7DSXY:4:2338:19913:26428 2:N:0:TCTGCAAG+GCTGCACT
CCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCGGAATCCAAGGTTCTTCGACATAATCA
ACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTGCGAGATCGGCGACTGACGTCGCCGAT
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@A00721:190:HGJW7DSXY:4:2602:14036:17848 2:N:0:TCTGCAAG+GCTGCACT
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ACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTGCGAGATCGGCGACTGACGTCGCCGAT
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@A00721:190:HGJW7DSXY:4:2330:14371:1391 2:N:0:TCTGCAAG+GCTGCACT
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ACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTGCGAGATCGGCGACTGACGTCGCCGAT
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@A00721:190:HGJW7DSXY:4:1153:25491:20588 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1552:24144:27211 2:N:0:TCTGCAAG+GCTGCACT
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CAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTGCGAGATCGGCGAATGACGTCGCCG
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@A00721:190:HGJW7DSXY:4:2105:3920:3991 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2231:23312:5478 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2643:29351:25739 2:N:0:TCTGCAAG+GCTGCACT
CACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCGGAATCCAAGGTTCTTCGACATAAT
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@A00721:190:HGJW7DSXY:4:1350:11749:19711 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1366:28944:14356 2:N:0:TCTGCAAG+GCTGCACT
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AATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTGCGAGATCGGCGAATGACGTCG
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@A00721:190:HGJW7DSXY:4:1501:1344:22138 2:N:0:TCTGCAAG+GCTGCACT
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AATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTGCGAGATCGGCGAATGACGTCG
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@A00721:190:HGJW7DSXY:4:1513:14579:2942 2:N:0:TCTGCAAG+GCTGCACT
AATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCGGAATCCAAGGTTCTTCGACAT

@A00721:190:HGJW7DSXY:4:2549:23674:26490 2:N:0:TCTGCAAG+GCTGCACT
AATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCGGAATCCAAGTTCTTCGACAT
AATCAACCCAGATTCCACGAATCTTTTACCCAAATATTCAAAGTGCAGATCGGCGAATGACGTCG
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@A00721:190:HGJW7DSXY:4:1120:14136:29105 2:N:0:TCTGCAAG+GCTGCACT
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GGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTGCGAGATCG
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[illegible]

@A00721:190:HGJW7DSXY:4:1523:19217:19022 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

@A00721:190:HGJW7DSXY:4:1632:6605:28213 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

@A00721:190:HGJW7DSXY:4:2306:32380:30953 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

@A00721:190:HGJW7DSXY:4:2310:29631:9878 2:N:0:TCTGCAAG+GCTGCACT
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GGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTGCGAGATCG
GCGAATGACGTCGCC

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@A00721:190:HGJW7DSXY:4:2642:4562:31626 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1119:26196:23813 2:N:0:TCTGCAAG+GCTGCACT
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AGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTGCGAGATC
GGCGAATGACGTCGC

@A00721:190:HGJW7DSXY:4:1426:7518:20369 2:N:0:TCTGCAAG+GCTGCACT
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AGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTACCCAAATATTCAAAGTGCGAGATC
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@A00721:190:HGJW7DSXY:4:1426:23068:32111 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1572:27688:1658 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1624:24053:8578 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2111:25834:9157 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2139:12915:1971 2:N:0:TCTGCAAG+GCTGCACT
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AGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTACCCAAATATTCAAAGTGCGAGATC
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@A00721:190:HGJW7DSXY:4:1603:7835:15468 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1217:4797:17033 2:N:0:TCTGCAAG+GCTGCACT
GAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCTG
GAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTG
CGAGATCGGCGAATG

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@A00721:190:HGJW7DSXY:4:1401:29559:26913 2:N:0:TCTGCAAG+GCTGCACT
GAACAACATTTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCTG
GAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTG
CGAGATCGGCGAATG

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@A00721:190:HGJW7DSXY:4:1410:27272:35947 2:N:0:TCTGCAAG+GCTGCACT
GAACAACATTTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCTG
GAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTG
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@A00721:190:HGJW7DSXY:4:1430:11595:28870 2:N:0:TCTGCAAG+GCTGCACT
GAACAACATTTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCTG
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@A00721:190:HGJW7DSXY:4:1541:2908:25003 2:N:0:TCTGCAAG+GCTGCACT
GAACAACATTTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCTG
GAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTG
CGAGATCGGCGAATG

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@A00721:190:HGJW7DSXY:4:1573:28239:28072 2:N:0:TCTGCAAG+GCTGCACT
GAACAACATTTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCTG
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CGAGATCGGCGAATG

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@A00721:190:HGJW7DSXY:4:1637:6831:5494 2:N:0:TCTGCAAG+GCTGCACT
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GAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTG
CGAGATCGGCGAATG

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@A00721:190:HGJW7DSXY:4:1672:32750:17221 2:N:0:TCTGCAAG+GCTGCACT
GAACAACATTTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCTG
GAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTG
CGAGATCGGCGAATG

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@A00721:190:HGJW7DSXY:4:2116:31792:21887 2:N:0:TCTGCAAG+GCTGCACT
GAACAACATTGACGCGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCTG
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@A00721:190:HGJW7DSXY:4:2208:29234:33051 2:N:0:TCTGCAAG+GCTGCACT
GAACAACATTGACGCGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCTG
GAATCCAAGGTTCTTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCAAAGTG
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@A00721:190:HGJW7DSXY:4:2241:30590:31516 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2303:15040:3928 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2343:29324:26882 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2428:30752:13197 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2510:31078:33270 2:N:0:TCTGCAAG+GCTGCACT
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TGTCGGAATCCAAGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCA
AAGTGCGA

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@A00721:190:HGJW7DSXY:4:1478:11803:31548 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1670:11794:34851 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2117:22146:32988 2:N:0:TCTGCAAG+GCTGCACT
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TGTCGGAATCCAAGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCA
AAGTGCGA

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@A00721:190:HGJW7DSXY:4:2120:1136:16705 2:N:0:TCTGCAAG+GCTGCACT
GTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAA
TGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCA
AAGTGCGA
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@A00721:190:HGJW7DSXY:4:2161:13765:28745 2:N:0:TCTGCAAG+GCTGCACT
GTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAA
TGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCA
AAGTGCGA
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FFFFFFFF
@A00721:190:HGJW7DSXY:4:2238:20121:21872 2:N:0:TCTGCAAG+GCTGCACT
GTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAA
TGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCA
AAGTGCGA
+
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FF:F:FFF
@A00721:190:HGJW7DSXY:4:2318:1371:35023 2:N:0:TCTGCAAG+GCTGCACT
GTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAA
TGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCA
AAGTGCGA
+
F:FFFFFFFFF:FFFFF:FFFFF:FF
FFFFFFFFFFFF:FF
FFFFFFFFFFFF
@A00721:190:HGJW7DSXY:4:2357:5963:1172 2:N:0:TCTGCAAG+GCTGCACT
GTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAA
TGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCA
AAGTGCGA
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FFFFFFFFFFFF
@A00721:190:HGJW7DSXY:4:2407:28402:3333 2:N:0:TCTGCAAG+GCTGCACT
GTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAA
TGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCA
AAGTGCGA
+
FF
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:FFFFFFFF
@A00721:190:HGJW7DSXY:4:2562:22019:8813 2:N:0:TCTGCAAG+GCTGCACT
GTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAA

TGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCAAATATTCA
AAGTGCGA

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@A00721:190:HGJW7DSXY:4:1168:7798:35070 2:N:0:TCTGCAAG+GCTGCACT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCA
AGTATAAATGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTACCCA
AATATTCAAAGTGCG

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@A00721:190:HGJW7DSXY:4:1249:4707:23422 2:N:0:TCTGCAAG+GCTGCACT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCA
AGTATAAATGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTACCCA
AATATTCAAAGTGCG

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@A00721:190:HGJW7DSXY:4:1263:8567:28667 2:N:0:TCTGCAAG+GCTGCACT
CGCACTTTGAATATTTGGGTGAAAAGATTCTGTCGGAATCTGGGTTGATTATGTCGAAGAACCTTGAT
TCCGACATTTATACTTGCCGGAAAATTGGAGAAGACAGTGAAGGTGATTATCACCGTCTGAATGTTGT
TCCTGACATACTCTG

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@A00721:190:HGJW7DSXY:4:1648:28763:29356 2:N:0:TCTGCAAG+GCTGCACT
CGCACTTTGAATATTTGGGTGAAAAGATTCGTGGAATCTGGGTTGATTATGTGCAAGAACCTTGAT
TCCGACATTTATACTTGCCGAAAATTGGAGAAGACAGTGAAGGTGATTATCACCGTCTGAATGTTGT
TCCTGACATACTCTG

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@A00721:190:HGJW7DSXY:4:1659:7075:28432 2:N:0:TCTGCAAG+GCTGCACT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCA
AGGATAAATGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCA
AATATTCAAAGTGCG

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@A00721:190:HGJW7DSXY:4:2219:3884:3302 2:N:0:TCTGCAAG+GCTGCACT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCA
AGTATAAATGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCA
AATATTCAAAGTGCG

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@A00721:190:HGJW7DSXY:4:2226:18231:35039 2:N:0:TCTGCAAG+GCTGCACT
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TCCGACATTTATACTTGCCGAAAATTGGAGAAGACAGTGAAGGTGATTATCACCGTCTGAATGTTGT
TCCTGACATACTCTG

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@A00721:190:HGJW7DSXY:4:2268:30698:4836 2:N:0:TCTGCAAG+GCTGCACT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCA
AGTATAAATGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCA
AATATTCAAAGTGCG

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@A00721:190:HGJW7DSXY:4:2322:27272:19852 2:N:0:TCTGCAAG+GCTGCACT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCA
AGTATAAATGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTCACCCA
AATATTCAAAGTGCG

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@A00721:190:HGJW7DSXY:4:2451:14733:32737 2:N:0:TCTGCAAG+GCTGCACT
CGCACTTTGAATATTTGGGTGAAAAGATTCGTGGAATCTGGGTTGATTATGTGCAAGAACCTTGAT
TCCGACATTTATACTTGCCGAAAATTGGAGAAGACAGTGAAGGTGATTATCACCGTCTGAATGTTGT
TCCTGACATACTCTG

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@A00721:190:HGJW7DSXY:4:1410:25464:5854 2:N:0:TCTGCAAG+GCTGCACT
GTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTTCAGACGGTGATAATCACCTTCACTGTCT

@A00721:190:HGJW7DSXY:4:2369:2953:12117 2:N:0:TCTGCAAG+GCTGCACT
GTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCT
TCTCCAATTTTCCGGAAGTATAAATGTCGGAATCCAAGTTCTTCGACATAATCAACCCAGATTCCG
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@A00721:190:HGJW7DSXY:4:1374:23619:14403 2:N:0:TCTGCAAG+GCTGCACT
AAAATTTTAGTTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTCAGACGGTGAT
AATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCGGAATCCAAGGTTCTTCGACAT
AATCAACCCAGATTC

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@A00721:190:HGJW7DSXY:4:1420:32723:23688 2:N:0:TCTGCAAG+GCTGCACT
AAAATTTTAGTTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTCAGACGGTGAT
AATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCGGAATCCAAGGTTCTTCGACAT
AATCAACCCAGATTC

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@A00721:190:HGJW7DSXY:4:1509:15076:26819 2:N:0:TCTGCAAG+GCTGCACT
AAAATTTTAGTTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTCAGACGGTGAT
AATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCGGAATCCAAGGTTCTTCGACAT
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@A00721:190:HGJW7DSXY:4:2149:14018:34319 2:N:0:TCTGCAAG+GCTGCACT
AAAATTTTAGTTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTCAGACGGTGAT
AATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCGGAATCCAAGGTTCTTCGACAT
AATCAACCCAGATTC

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@A00721:190:HGJW7DSXY:4:2222:11279:7842 2:N:0:TCTGCAAG+GCTGCACT
AAAATTTTAGTTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTCAGACGGTGAT
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AATCAACCCAGATTC

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@A00721:190:HGJW7DSXY:4:1154:7184:16376 2:N:0:TCTGCAAG+GCTGCACT
AAAAATTTTAGTTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTCAGACGGTGA
TAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCGGAATCCAAGGTTCTTCGACA
TAATCAACCCAGATT

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@A00721:190:HGJW7DSXY:4:1170:29288:15515 2:N:0:TCTGCAAG+GCTGCACT
AAAAATTTTAGTTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTCAGACGGTGA
TAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCGGAATCCAAGGTTCTTCGACA
TAATCAACCCAGATT

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@A00721:190:HGJW7DSXY:4:1253:23312:35008 2:N:0:TCTGCAAG+GCTGCACT
CTCGACCAAATTAATAATTTTGTGTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACA

@A00721:190:HGJW7DSXY:4:2370:2917:28401 2:N:0:TCTGCAAG+GCTGCACT
CTCGACCAAATTA AAAATTTTAGTTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACA
TTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTCCGGCAAGTATAAATGTCGGAATCCAA
GGTTCTTCGACATAA

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[illegible]

@A00721:190:HGJW7DSXY:4:2241:18114:23249 2:N:0:TCTGCAAG+GCTGCACT
ATTGTTCTCGACCAAATTAATAATTTTAGTTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGA
ACAACATTACAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCAAGTATAAATGTCGGA
ATCCAAGGTTCTTCG

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[illegible]

@A00721:190:HGJW7DSXY:4:2241:17815:23359 2:N:0:TCTGCAAG+GCTGCACT
ATTGTTCTCGACCAAATTAATAATTTTAGTTTTCCAGTTAATTTGTCGTTTCATCAGAGTATGTCAGGA
ACAACATTTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCAGGCAAGTATAAATGTCGGA
ATCCAAGGTTCTTCG

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@A00721:190:HGJW7DSXY:4:1403:11867:7921 2:N:0:TCTGCAAG+GCTGCACT
CCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTAGTTTTCCAGTTAATTTGGCGTTCAT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTCCGGCA
AGTATAAATGTCGGA

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@A00721:190:HGJW7DSXY:4:1457:4345:28463 2:N:0:TCTGCAAG+GCTGCACT
CCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAGTTTTCCAGTTAATTTGGCGTTCAT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCA
AGTATAAATGTCGGA

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@A00721:190:HGJW7DSXY:4:1561:4354:34209 2:N:0:TCTGCAAG+GCTGCACT
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CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTCCGGCA
AGTATAAATGTCGGA

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@A00721:190:HGJW7DSXY:4:2130:2374:17378 2:N:0:TCTGCAAG+GCTGCACT
CCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTAGTTTTCCAGTTAATTTGGCGTTCAT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTCCGGCA
AGTATAAATGTCGGA

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@A00721:190:HGJW7DSXY:4:2251:11740:33599 2:N:0:TCTGCAAG+GCTGCACT
CCAATTTCCAAAGAAATTGTTCTCGACCAAATTCAAAATTTTAGTTTTCCAGTTAATTTGGCGTTCAT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCA
AGTATAAATGTCGGA

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@A00721:190:HGJW7DSXY:4:2370:12545:25723 2:N:0:TCTGCAAG+GCTGCACT
CCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAGTTTTCCAGTTAATTTGGCGTTCAT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCA
AGTATAATTGTCGGA

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@A00721:190:HGJW7DSXY:4:2404:24017:1219 2:N:0:TCTGCAAG+GCTGCACT
CCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAGTTTTCCAGTTAATTTGGCGTTCAT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCA
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@A00721:190:HGJW7DSXY:4:2457:5556:24079 2:N:0:TCTGCAAG+GCTGCACT
CCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAGTTTTCCAGTTAATTTGGCGTTCAT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCA
AGTATAAATGTCGGA

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FFFFFFFFFFFF:FFFFF:FFFF:,F:FFFF:FFF:FFFFFFFFFFFF,FFFFFFFFFFFFFFFFFFFF:FFFF
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@A00721:190:HGJW7DSXY:4:2516:3631:12633 2:N:0:TCTGCAAG+GCTGCACT
CCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAGTTTTCCAGTTAATTTGGCGTTCAT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCA
AGTATAAATGTCGGA

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@A00721:190:HGJW7DSXY:4:2543:16785:14559 2:N:0:TCTGCAAG+GCTGCACT
CCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAGTTTTCCAGTTAATTTGGCGTTCAT
CAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAATTTTCCGGCA
AGTATAAATGTCGGA

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@A00721:190:HGJW7DSXY:4:1537:1199:19601 2:N:0:TCTGCAAG+GCTGCACT
TCAAGATGTCCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAGTTTTCCAGTTAATTT
GGCGTTCATCAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAAT
TTTCCGGCAAGTATA

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@A00721:190:HGJW7DSXY:4:2344:4038:12273 2:N:0:TCTGCAAG+GCTGCACT
TCAAGATGTCCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAGTTTTCCAGTTAATTT

GGCGTTCATCAGAGTATGTCAGGAACAACATTTCAGACGGTGATAATCACCTTCACTGTCTTCTCCAAT
TTTCCGGCAAGTATA

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@A00721:190:HGJW7DSXY:4:2101:24017:5071 2:N:0:TCTGCAAG+GCTGCACT
CTTAACCTTATTCAAGATGTCCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAGTTTTTC
CAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTCAGACGGTGATAATCACCTTCACTGT
CTTCTCCAATTTTCC

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FFFFFFFFFFFF:FFF

@A00721:190:HGJW7DSXY:4:1316:20166:3599 2:N:0:TCTGCAAG+GCTGCACT
TATTTCTTAACCTATTCAAGATGTCCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAG
TTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTAGACGGTGATAATCACCTTC
ACTGTCTTCTCCAAT

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FFFFFFFFFFFF:FFF:FFF:FFF:FFF:FFFFFFFFFFFFF:
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@A00721:190:HGJW7DSXY:4:1316:20365:4288 2:N:0:TCTGCAAG+GCTGCACT
TATTTCTTAACCTATTCAAGATGTCCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAG
TTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTAGACGGTGATAATCACCTTC
ACTGTCTTCTCCAAT

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@A00721:190:HGJW7DSXY:4:1324:3215:20055 2:N:0:TCTGCAAG+GCTGCACT
TATTTCTTAACCTATTCAAGATGTCCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAG
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ACTGTCTTCTCCAAT

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@A00721:190:HGJW7DSXY:4:1330:11270:20322 2:N:0:TCTGCAAG+GCTGCACT
TATTTCTTAACCTATTCAAGATGTCCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAG
TTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTAGACGGTGATAATCACCTTC
ACTGTCTTCTCCAAT

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@A00721:190:HGJW7DSXY:4:1438:4571:14857 2:N:0:TCTGCAAG+GCTGCACT
TATTTCTTAACCTATTCAAGATGTCCAATTTCCAAAGAAATTGTTCTCGACCAAATTAATAATTTTAG
TTTTCCAGTTAATTTGGCGTTCATCAGAGTATGTCAGGAACAACATTAGACGGTGATAATCACCTTC
ACTGTCTTCTCCAAT

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@A00721:190:HGJW7DSXY:4:1452:8865:18818 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1549:29930:13964 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1665:27181:27649 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2538:18493:19241 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2568:21450:11459 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2669:10945:23923 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1575:32443:12994 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2166:24460:29418 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2226:32461:1908 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2375:11460:36151 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2406:21748:11976 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2669:26051:1861 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2224:27760:5760 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1374:15908:28447 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1435:19199:32643 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1539:19488:29074 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1554:14877:33238 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1535:19470:26694 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

@A00721:190:HGJW7DSXY:4:2650:28031:10050 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1136:24505:32659 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1342:13557:26944 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

@A00721:190:HGJW7DSXY:4:1545:10601:21543 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1510:26395:35117 2:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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@A00721:190:HGJW7DSXY:4:2660:9715:10050 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1129:23610:36714 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1202:25880:25739 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2527:21703:13777 2:N:0:TCTGCAAG+GCTGCACT
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TGTCCCTGATTAAACAGTAATGGGGACTCCTTCATCTTCTTCATCGCATTTCTGCATTAACGCGAAGA
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@A00721:190:HGJW7DSXY:4:1212:28212:23140 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1240:8983:33301 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2443:14009:31735 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2549:2094:11443 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1266:23032:30608 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1409:26811:9095 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1445:17246:34585 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2528:16098:19351 2:N:0:TCTGCAAG+GCTGCACT
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GTATAGAGTAATCCG

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@A00721:190:HGJW7DSXY:4:2565:21838:17237 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2575:21495:25160 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2674:21169:16799 2:N:0:TCTGCAAG+GCTGCACT
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CCATTACTGTTAAATCAGGGACATCCGCATATTAAGCATTATATTGGGGACTGGGGACCTATATATAT
GTATAGAGTAATCCG

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@A00721:190:HGJW7DSXY:4:1341:2266:1626 2:N:0:TCTGCAAG+GCTGCACT
AAATTTCTGAATATGATGTTAGCGTTAATGGAGAAACGCGATGAAGAAGATGAAGGAGTCCCCATTAC
TGTTAAATCAGGGACATCCGCATATTAAGCATTATATTGGGGACTGGGGACCTATATATATGTATAGA
GTAATCCGGAGATCG

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@A00721:190:HGJW7DSXY:4:2417:14163:36542 2:N:0:TCTGCAAG+GCTGCACT
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TGTTAAATCAGGGACATCCGCATATTAAGCATTATATTGGGGACTGGGGACCTATATATATGTACAGA
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@A00721:190:HGJW7DSXY:4:2443:9381:3834 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2445:11505:5415 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2466:11098:25003 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2368:5358:34006 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2370:17770:30358 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2475:24804:8844 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1214:22996:14606 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1244:17463:10347 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1674:29116:17472 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1656:14814:8672 2:N:0:TCTGCAAG+GCTGCACT
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CTCTATACATATATATAGGTCCCCAGTCCCCAATATAATGCTTAATATGCGGATGTCCCTGATTAAAC
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[illegible]

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ATGCGGATGTCCTG

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[illegible]

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@A00721:190:HGJW7DSXY:4:2441:26666:24251 2:N:0:TCTGCAAG+GCTGCACT
GGGACCTATATATATGTATAGAGTAATCCGGAGGAATCTATCCCCAATTGGAATAGTAATGATTTCAA
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AGGCCCCGCAGGGGC

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@A00721:190:HGJW7DSXY:4:1222:2492:22811 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2216:32280:35477 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1436:6017:29481 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1606:21043:24408 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1651:23927:18004 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2525:7708:18192 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1357:30698:19617 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2177:32045:21136 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2201:10809:17143 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1525:7880:20525 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1257:2745:13761 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1348:27850:2597 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2264:32832:25974 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2110:4779:14058 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2441:19379:23657 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1424:7093:20196 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1574:10619:4413 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1574:10619:4633 2:N:0:TCTGCAAG+GCTGCACT
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TTGAATTTGAATTTGAATTGGTATACTGTAGGGCGGGATATTTTCAAATTTGAAATTTGAAATCATT
CTATTCCAATTGGGG

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@A00721:190:HGJW7DSXY:4:1668:32307:27007 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2209:1081:11475 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2223:9001:1705 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2465:22146:8938 2:N:0:TCTGCAAG+GCTGCACT
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GGAATTCTATTTGAATTTGAATTTGAATTGGTATACTGTAGGGC GGGATATTTTTCAAATTTGAAATTT
GAAATCAT TACTATT
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@A00721:190:HGJW7DSXY:4:1140:6280:1783 2:N:0:TCTGCAAG+GCTGCACT
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TAAGATGCCCTGCGGGGCCTATGGAATTCTATTTGAATTTGAATTTGAATTGGTATACTGTAGGGCG
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@A00721:190:HGJW7DSXY:4:1239:2926:9815 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1301:1389:25441 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1310:21206:18270 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1612:22869:5963 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2145:16947:17065 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2169:19307:31955 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2336:22968:27023 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2544:24153:5494 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2544:27697:5682 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1110:21540:10332 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1228:23647:17989 2:N:0:TCTGCAAG+GCTGCACT
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TGCCCCACGGTCTGCGGGAAGATGCACCTGCGGGGCCTATGGAATTCTATTTGAATTTGAATTTAAT
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@A00721:190:HGJW7DSXY:4:1305:31286:30655 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1430:28971:2816 2:N:0:TCTGCAAG+GCTGCACT
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TGCCCCACGGTCTGCGGTAAGATGCCCCCTGCGGGGCCTATGGAATTCTATTTGAATTTGAATTTGAAT
TGGTATACTGTAGGG

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@A00721:190:HGJW7DSXY:4:1472:9751:28401 2:N:0:TCTGCAAG+GCTGCACT
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TGCCCCACGGTCTGCGGTAAGATGCCCCCTGCGGGGCCTATGGAATTCTATTTGAATTTGAATTTGAAT
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@A00721:190:HGJW7DSXY:4:1475:29469:6684 2:N:0:TCTGCAAG+GCTGCACT
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TGCCCCACGGTCTGCGGTAAGATGCCCCCTGCGGGGCCTATGGAATTCTATTTGAATTTGAATTTGAAT
TGGTATACTGTAGGG

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@A00721:190:HGJW7DSXY:4:1577:21169:5431 2:N:0:TCTGCAAG+GCTGCACT
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TGCCCCACGGTCTGCGGTAAGATGCCCCCTGCGGGGCCTATGGAATTCTATTTGAATTTGAATTTGAAT
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@A00721:190:HGJW7DSXY:4:1635:8205:22874 2:N:0:TCTGCAAG+GCTGCACT
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TGCCCCACGGTCTGCGGTAAGATGCCCCCTGCGGGGCCTATGGAATTCTATTTGAATTTGAATTTGAAT
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@A00721:190:HGJW7DSXY:4:2108:14425:34554 2:N:0:TCTGCAAG+GCTGCACT
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TGCCCCACGGTCTGCGGTAAGATGCCCCCTGCGGGGCCTATGGAATTCTATTTGAATTTGAATTTGAAT
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@A00721:190:HGJW7DSXY:4:2211:19777:13135 2:N:0:TCTGCAAG+GCTGCACT
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TGCCCCACGGTCTGCGGTAAGATGCCCCCTGCGGGGCCTATGGAATTCTATTTGAATTTGAATTTGAAT
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@A00721:190:HGJW7DSXY:4:2222:9281:5760 2:N:0:TCTGCAAG+GCTGCACT
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TGCCCCACGGTCTGCGGTAAGATGCCCCCTGCGGGGCCTATGGAATTCTATTTGAATTTGAATTTGAAT
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@A00721:190:HGJW7DSXY:4:2226:21025:23030 2:N:0:TCTGCAAG+GCTGCACT
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TGCCCCACGGTCTGCGGTAAGATGCCCCCTGCGGGGCTATGGAATTCTATTTGAATTTGAATATGAAT
TGGTATACTGTAGGG

@A00721:190:HGJW7DSXY:4:2236:6207:29277 2:N:0:TCTGCAAG+GCTGCACT
TGACAAATCGACACGTAAGCGTACGGAGGTGTCCCCGGCGGGGCAAGCCAGTAATATTATATTGGCT
TGCCCCACGGTCTGCGGTAAGATGCCCCCTGCGGGGCCTATGGAATTCTATTTGAATTTGAATTTGAAT
TGGTATAATGTAGGG

@A00721:190:HGJW7DSXY:4:2655:29053:6339 2:N:0:TCTGCAAG+GCTGCACT
TGACAAATCGACACGTAAGCGTACGGAGGTGTCCCCGGCGGGGCAAGCCAGTAATATTATATTGGCT
TGCCCCACGGTCTGCGGTAAGATGCCCCCTGCGGGGCCTATGGAATTCTATTTGAATGTGAATTTGAAT
TGGTATACTGTAGGG

@A00721:190:HGJW7DSXY:4:1336:25464:1720 2:N:0:TCTGCAAG+GCTGCACT
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GCCCCACGGTCTGCGGTAAGATGCCCCTGCGGGGCCTATGGAATTCTATTTGAATTTGAATTTGAATT
GGTATACTGTAGGAG

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@A00721:190:HGJW7DSXY:4:1371:16676:26678 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1430:18927:10567 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1530:3938:2487 2:N:0:TCTGCAAG+GCTGCACT
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GCCCCACGGTCTGCGGTAAGATGCCCCTGCGGGGCCTATGGAATTCTATTTGAATTTGAATTTGAATT
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@A00721:190:HGJW7DSXY:4:1677:20799:11522 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2458:3224:24142 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1237:4661:7310 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1325:24822:5431 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2369:7148:3223 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1504:2862:4946 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2120:31611:18693 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2242:18105:7482 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2316:30120:26694 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2641:6515:33818 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2648:7780:27336 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2239:9869:26976 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2133:1542:32409 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2455:26775:12477 2:N:0:TCTGCAAG+GCTGCACT
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 @A00721:190:HGJW7DSXY:4:2253:9100:6104 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1128:23402:8923 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1231:6415:31391 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1644:11451:13088 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1338:16685:19899 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2424:28022:34679 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2504:9290:10128 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2522:31864:13088 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1110:23321:23406 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2320:20745:14027 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2331:11668:20447 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2472:18331:9377 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1528:12816:22467 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1616:6894:26710 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2509:10384:30686 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1103:9064:11866 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1166:12554:2284 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1331:22110:18020 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1622:28718:24893 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2456:4625:10191 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2510:11116:9001 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2521:8865:25488 2:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2553:13602:11929 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1138:13376:9345 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1160:23439:19883 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2162:13928:7983 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2162:13865:8750 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2354:6153:9737 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1203:23836:35352 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1571:31024:20243 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1657:2338:7858 1:N:0:TCTGCAAG+GCTGCACT
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TTTTTGA

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@A00721:190:HGJW7DSXY:4:1531:6090:35931 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2322:10881:19366 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2475:30544:13651 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1552:27751:28855 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2119:19054:35493 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2234:19135:2190 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2402:11451:15969 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1539:31765:17487 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1271:10809:9878 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1559:12255:16986 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1635:28501:35571 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2106:25961:33708 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2212:9182:6245 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2261:19343:28886 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2618:12635:32769 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1155:8350:14450 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2669:22878:31626 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1260:23845:29951 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2120:12373:15781 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2529:5791:13808 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2629:13847:8625 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2518:7129:2347 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1644:17427:28354 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2152:1172:10911 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2418:14380:33692 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2548:26368:10802 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2557:4092:21355 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2562:25211:33912 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1136:31991:13463 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1228:30761:31876 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1272:1805:1986 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2335:19895:18818 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2601:29686:21527 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2665:32606:32315 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2246:26838:11428 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2523:28863:25864 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2535:28628:11804 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2536:23411:33802 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2538:5882:14403 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1162:5041:17738 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1162:25681:35196 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2518:31340:24236 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1418:13819:21167 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1102:5909:18771 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1514:32606:25676 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1573:1723:30686 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2157:4833:12399 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2409:22896:27962 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2430:15185:17801 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2430:14850:18693 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1311:23710:28244 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1643:29948:13369 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2212:17833:27868 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2215:27633:11021 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2426:9444:30311 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2426:9362:30859 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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[illegible]

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[illegible]

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@A00721:190:HGJW7DSXY:4:1673:29903:23563 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

@A00721:190:HGJW7DSXY:4:2204:17824:20369 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2243:32334:31845 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2368:22553:4914 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

@A00721:190:HGJW7DSXY:4:2407:31955:35196 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2509:14371:19053 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1148:10366:3317 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1444:25536:23923 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1512:17906:22889 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2131:14705:33505 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2244:13901:9095 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2649:10402:35634 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2204:30165:35258 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1530:18837:32487 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2457:12138:23422 1:N:0:TCTGCAAG+GCTGCACT
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GAATCGAATTGTGCTTAACGGTTCAGTTAAGTTGACTAGCGAAGCCAATGTTCATAATATGAAGCAGT
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@A00721:190:HGJW7DSXY:4:1165:21233:6981 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1375:24930:18646 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1222:18566:6684 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1313:12066:26271 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1330:30002:24236 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1426:16993:28761 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1515:23882:12070 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1543:8133:35399 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2117:16812:19930 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2169:5258:33614 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2264:31250:35383 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2264:31376:35916 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2267:8422:12320 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2317:12400:11099 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1337:13711:8171 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2615:2166:23156 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2635:30626:8719 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1372:25355:14967 1:N:0:TCTGCAAG+GCTGCACT
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GGTTCAGTTAAGTTGACTAGCGAAGCCAATGTTTCATAATGAAGCAGTGGCTGTGGATGTGGCTCGT
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@A00721:190:HGJW7DSXY:4:1455:10691:34914 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2402:16559:5181 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2557:2184:7811 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1564:3522:1454 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2231:21187:30232 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2621:31295:22122 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2666:30011:8061 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2219:24099:10535 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2239:21215:34350 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1306:13612:22561 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2119:11559:25708 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2333:17363:25207 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2464:5764:26256 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1454:26729:33098 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1571:16794:29262 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2516:6931:5822 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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@A00721:190:HGJW7DSXY:4:2452:20500:18302 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2572:30942:8422 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2606:11957:15718 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1534:11650:28808 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2322:18548:21245 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1417:31647:32440 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1477:10755:16579 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1611:27254:11334 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1629:26847:4460 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2520:4743:1752 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1114:29586:34068 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1654:25211:35759 1:N:0:TCTGCAAG+GCTGCACT
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GAAACTTAGTGGACT

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@A00721:190:HGJW7DSXY:4:2266:5728:1204 1:N:0:TCTGCAAG+GCTGCACT
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GATGCGGACGACGACGTTAAGAACGCTTACTTCTGTTATATTAGGTCTAGACCGATTTCTGTGAGGAA
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@A00721:190:HGJW7DSXY:4:2456:5963:35274 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2546:21920:21042 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2639:14742:4100 1:N:0:TCTGCAAG+GCTGCACT
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GAAACTTAGTGGAC

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@A00721:190:HGJW7DSXY:4:1265:11623:36495 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1448:25961:10473 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2104:22263:13620 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2157:18041:25598 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2575:30183:36385 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2656:27724:5760 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1144:14859:6308 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1144:15790:6355 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1510:17743:36292 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1577:28763:31767 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2121:7374:13260 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2248:1127:23046 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2248:1307:23077 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1169:21829:25770 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1237:5321:24267 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1243:21486:16814 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1323:1741:29778 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1610:23502:25723 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2302:2781:25254 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2231:20763:32346 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2270:27832:31344 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2321:1163:1282 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2324:23547:30342 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2350:25229:35039 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2502:6903:26256 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2550:32768:9392 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2557:10140:4398 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1605:5584:12477 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2250:5466:6386 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2425:1904:2347 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2569:22055:29199 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1315:8404:27258 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2143:27787:31548 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1328:7554:7028 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1653:4029:25473 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2216:26838:20666 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1235:2293:14763 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1414:28917:10614 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1565:25880:21543 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2223:18059:28166 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2517:13196:17550 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2362:28854:30295 1:N:0:TCTGCAAG+GCTGCACT
GACCGATTTCTGTGAGGAAGAGACTTAGTGGACTCACAGTTTTTAAGGACACCACTGGTGGCAGTGTA
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@A00721:190:HGJW7DSXY:4:2468:23574:32550 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2478:18041:35712 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2478:16731:36041 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2523:11116:16673 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2561:14235:10207 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2601:5882:29089 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1252:24768:14951 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1364:26395:20588 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2328:4182:5979 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2554:18891:28385 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1264:26539:7780 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1264:26250:7968 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1466:16740:24220 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2508:13286:33959 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2642:23213:18552 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1106:20057:33943 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1302:11433:34037 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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[illegible]

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@A00721:190:HGJW7DSXY:4:2217:3305:18145 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2222:6605:6637 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2226:2555:20071 1:N:0:TCTGCAAG+GCTGCACT
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[illegible][illegible]

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[illegible]

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[illegible]

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@A00721:190:HGJW7DSXY:4:2167:26521:21715 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2317:29884:17738 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2540:9408:23516 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2601:9227:1783 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2624:15609:4069 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1431:5141:7607 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2320:28492:21684 1:N:0:TCTGCAAG+GCTGCACT
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ATGCTCGCTTTATCC

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@A00721:190:HGJW7DSXY:4:1350:3712:18912 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1426:17210:22874 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2259:25066:3944 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2663:18747:3458 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2311:3730:24298 1:N:0:TCTGCAAG+GCTGCACT
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TCCATGACGGGTTCTGCAGTAATTCTGGGACTGGTTGTAATGTCGTCCAGATGCGGATAGTCCACCAT
GCTCGCTTTATCCGC

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@A00721:190:HGJW7DSXY:4:2458:24189:7373 1:N:0:TCTGCAAG+GCTGCACT
TAAATTACAAAGATTTTTATGGATATAAAAATAAAGCCGTCGGGATAAAGTCCCAGAAATCATCGTCT
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GCTCGCTTTATCCGC

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@A00721:190:HGJW7DSXY:4:2640:2456:31266 1:N:0:TCTGCAAG+GCTGCACT
GCGGATAAAGCGAGCATGGTGGACTATCCGCATCTGGACGACATTACAACCAGTCCCAGAATTACTGC
AGAACCCGTCATGGAAGACGATGATTTCTGGGACTTTATCCCGACGGCTTTATTTTTATATCCATAAA
AATCTGTGTAATTAA

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@A00721:190:HGJW7DSXY:4:2308:25012:30217 1:N:0:TCTGCAAG+GCTGCACT
AAATTACAAAGATTTTTATGGATATAAAAATAAAGCCGTCGGGATAAAGTCCCAGAAATCATCGTCTT
CCATGACGGGTTCTGCAGTAATTCTGGGACTGGTTGTAATGTCGTCCAGATGCGGATAGTCTGTCCAA
ATCTTTAAAGAT

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@A00721:190:HGJW7DSXY:4:1254:15826:28776 1:N:0:TCTGCAAG+GCTGCACT
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CATGACGGGTTCTGCAGTAATTCTGGGACTGGTTGTAATGTCGTCCAGATGCGGATAGTCCACCATGC
TCGCTTTATCCGCAA

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@A00721:190:HGJW7DSXY:4:1254:15148:29074 1:N:0:TCTGCAAG+GCTGCACT
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CATGACGGGTTCTGCAGTAATTCTGGGACTGGTTGTAATGTCGTCCAGATGCGGATAGTCCACCATGC
TCGCTTTATCCGCAA

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@A00721:190:HGJW7DSXY:4:1304:30978:2816 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1304:29776:3020 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1313:9019:2237 1:N:0:TCTGCAAG+GCTGCACT
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TCGCTTTATCCGCAA

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@A00721:190:HGJW7DSXY:4:1345:27868:5228 1:N:0:TCTGCAAG+GCTGCACT
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CATGACGGGTTCTGCAGTAATTCTGGGACTGGTTGTAATGTCGTCCAGATGCGGATAGTCCACCCTGC
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@A00721:190:HGJW7DSXY:4:1345:27579:5854 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1515:20862:29825 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2671:32389:23234 1:N:0:TCTGCAAG+GCTGCACT
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TCGCTTTATCCGCAA

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@A00721:190:HGJW7DSXY:4:1103:5330:4022 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1344:23402:27899 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1415:31901:33160 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1415:30770:33739 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2129:3314:13401 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2333:6234:26537 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2652:25807:20134 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1619:11858:30326 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1621:30264:36965 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2130:24966:4366 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2219:25482:9173 1:N:0:TCTGCAAG+GCTGCACT
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AGTTGAATCTTAGTT

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@A00721:190:HGJW7DSXY:4:2304:28592:34726 1:N:0:TCTGCAAG+GCTGCACT
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TTGTAATGTCGTCCAGATGCGGATAGTCCACCATGCTCGCTTTATCCGCAACTGCATTCTGAGATTGT
AGTTGAATCTTAGTT

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@A00721:190:HGJW7DSXY:4:2530:28646:25457 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2549:19108:17049 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1113:18159:17190 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1621:17770:35462 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2228:15121:33536 1:N:0:TCTGCAAG+GCTGCACT
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AGTTGAATCTTAGTT

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@A00721:190:HGJW7DSXY:4:2471:27507:19539 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2471:27706:19758 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2515:20853:5822 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2648:18059:31078 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1261:27308:18035 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1306:22833:14544 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1408:25590:24361 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1449:32506:19836 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1453:25536:6762 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1501:5873:34021 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1543:3197:4460 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1605:18982:27884 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2125:6795:17456 1:N:0:TCTGCAAG+GCTGCACT
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GAATCTTAGTTCCAC

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@A00721:190:HGJW7DSXY:4:2231:29215:15577 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2601:13494:21668 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2657:10285:33144 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1306:6677:12587 1:N:0:TCTGCAAG+GCTGCACT
CACGGTGGAATAAGATTCAACTACAATCTCAGAATGCAGTTGCGGATAAAGCGAGCATGGTGGACTA
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@A00721:190:HGJW7DSXY:4:1513:28076:15608 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1523:21124:26647 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2104:16007:14340 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1173:6433:2644 1:N:0:TCTGCAAG+GCTGCACT
CTTCACGGTGGAACTAAGATTCAACTACAATCTCAGAATGCAGTTGCGGATAAAGCGAGCATGGTGGGA
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ATTTCTGGGACTTTA

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@A00721:190:HGJW7DSXY:4:1204:8169:33739 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2467:8160:5259 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2537:18728:15640 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2543:4282:9314 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2543:4942:9831 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1344:27633:1094 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1601:16450:29105 1:N:0:TCTGCAAG+GCTGCACT
ACCGTGAAGATGTGATGGAACGGTGGACTCGTCGTCTGTCCAGAGTGTTGGACTCGTATCCATATTGG
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AATCCATTGTTTCTG

@A00721:190:HGJW7DSXY:4:1613:22941:17957 1:N:0:TCTGCAAG+GCTGCACT
ACCGTGAAGATGTGATGGAACGGTGGACTCGTCGTCTGTCCAGAGTGTTGGACTCGTATCCATATTGG
ATTGTTTAGGTTCCAGTAGTACTCCCCTACTTGTAGTTGCTGCCATGTGAGTGGCACCCCTTGTGGACT
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 ,F,:FFFF:F,:FF:

@A00721:190:HGJW7DSXY:4:2142:14552:10034 1:N:0:TCTGCAAG+GCTGCACT
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ATTGTTTAGGTTCCAGTAGTACTCCCCTACTTGTAGTTGCTGCCATGTGAGTGGCACCCCTTGTGGACG
AATCCATTGTTTCTG

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@A00721:190:HGJW7DSXY:4:2336:18783:5087 1:N:0:TCTGCAAG+GCTGCACT
ACCGTGAAGATGTGATGGAACGGTGGACTCGTCGTCTGTCCAGAGTGTTGGACTCGTATCCATATTGG
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AATCCATTGTTTCTG

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@A00721:190:HGJW7DSXY:4:2402:30210:21684 1:N:0:TCTGCAAG+GCTGCACT
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ATTGTTTAGGTTCCAGTAGTACTCCCCTACTTGTAGTTGCTGCCATGTGAGTGGCACCCCTTGTGGACG
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@A00721:190:HGJW7DSXY:4:2432:9851:14826 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2438:12807:23171 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2519:2275:29951 1:N:0:TCTGCAAG+GCTGCACT
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ATTGTTTAGGTTCCAGTAGTACTCCCCTACTTGTAGTTGCTGCCATGTGAGTGGCACCCCTTGTGGACG
AATCCATTGTTTCTG

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@A00721:190:HGJW7DSXY:4:2529:13548:12868 1:N:0:TCTGCAAG+GCTGCACT
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[illegible][illegible][illegible]

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[illegible]

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@A00721:190:HGJW7DSXY:4:2317:25030:9799 1:N:0:TCTGCAAG+GCTGCACT
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AGGTTCCAGTAGTACTCCCCTACTTGTAGTTGCTGCCATGTGAGTGGCACCCTTGTGGACGAATCCAT
TGTTTCTGCAATCTA

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@A00721:190:HGJW7DSXY:4:1113:14642:11068 1:N:0:TCTGCAAG+GCTGCACT
GATGGAACGGTGGACTCGTCGTCTGTCCAGAGTGTTGGACTCGTATCCATATTGGATTGTTTAGGTTT
CAGTAGTACTCCCCTACTTGTAGTTGCTGCCATGTGAGTGGCACCCCTTGTGGACGAATCCATTGTTTC
TGCAATCTATAGTCT

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@A00721:190:HGJW7DSXY:4:1436:12653:14888 1:N:0:TCTGCAAG+GCTGCACT
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CAGTAGTACTCCCCTACTTGTAGTTGCTGCCATGTGAGTGGCACCCCTTGTGGACGAATCCATTGTTTC
TGCAATCTATAGTCT

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@A00721:190:HGJW7DSXY:4:2611:10276:11209 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2506:7355:34147 1:N:0:TCTGCAAG+GCTGCACT
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GAGTCCACCGTTCCA

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@A00721:190:HGJW7DSXY:4:1166:18439:35180 1:N:0:TCTGCAAG+GCTGCACT
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TAGTACTCCCCTACTTGTAGTTGCTGCCATGTGAGTGGCACCCTTGTGGACGAATCCATTGTTTCTGC
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@A00721:190:HGJW7DSXY:4:1225:2202:1266 1:N:0:TCTGCAAG+GCTGCACT
GGAACGGTGGACTCGTCGTCTGTCCAGAGTGTTGGACTCGTATCCATATTGGATTGTTTAGGTTCCAG
TAGTACTCCCCTACTTGTAGTTGCTGCCATGTGAGTGGCACCCTTGTGGACGAATCCATTGTTTCTGC
AATCTATAGTCTGAT

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@A00721:190:HGJW7DSXY:4:1240:20347:24549 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1246:24071:16313 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1308:22815:29450 1:N:0:TCTGCAAG+GCTGCACT
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AATCTATAGTCAGAT

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@A00721:190:HGJW7DSXY:4:1313:8341:6167 1:N:0:TCTGCAAG+GCTGCACT
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AATCTATAGTCTGAT

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[illegible][illegible][illegible][illegible]

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[illegible]

@A00721:190:HGJW7DSXY:4:2104:28293:29136 1:N:0:TCTGCAAG+GCTGCACT
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AATCTATAGTCAGAT

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@A00721:190:HGJW7DSXY:4:2272:8721:32628 1:N:0:TCTGCAAG+GCTGCACT
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TAGTACTCCCCTACTTGTAGTTGCTGCCATGTGAGTGGCACCCCTTGTGGACGAATCCATTGTTTCTGC
AATCTATAGTCTGAT

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@A00721:190:HGJW7DSXY:4:2358:32886:19867 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2378:18530:33364 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2378:19642:34757 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2665:11704:9893 1:N:0:TCTGCAAG+GCTGCACT
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AATCTATAGTCTGAT

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@A00721:190:HGJW7DSXY:4:1423:5168:10191 1:N:0:TCTGCAAG+GCTGCACT
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AGTACTCCCCTACTTGTAGTTGCTGCCATGTGAGTGGCACCCATGTGGACGAATCCATTGTTTCTCA
ATCTATAGTCAGA

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@A00721:190:HGJW7DSXY:4:1602:24903:34381 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2163:24370:6684 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2303:25509:23907 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2339:16089:36902 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1129:26521:16986 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1134:3170:1063 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1161:21956:32033 1:N:0:TCTGCAAG+GCTGCACT
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TGATAAATGATGCAG

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@A00721:190:HGJW7DSXY:4:1206:2889:29512 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1427:20971:31234 1:N:0:TCTGCAAG+GCTGCACT
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CTCGTCGTCTGTCCAGAGTGTTGGACTCGTATCCATATTGGATTGTTTAGGTTCCAGTAGTACTCCCC
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@A00721:190:HGJW7DSXY:4:1633:23746:15123 1:N:0:TCTGCAAG+GCTGCACT
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TGATAAATGATGCAG

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@A00721:190:HGJW7DSXY:4:2207:11315:28667 1:N:0:TCTGCAAG+GCTGCACT
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TACTTGTAGTTGCTGCCATGTGAGTGGCACCCTTGTGGACGAATCCATTGTTTCTGCAATCTATAGTC
TGATAAATGATGCAG

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@A00721:190:HGJW7DSXY:4:2260:6696:4570 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2634:14877:15608 1:N:0:TCTGCAAG+GCTGCACT
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TGATAAATGATGCAG

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@A00721:190:HGJW7DSXY:4:1156:28239:9032 1:N:0:TCTGCAAG+GCTGCACT
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GATAAATGATGCAGC

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@A00721:190:HGJW7DSXY:4:1573:28565:24721 1:N:0:TCTGCAAG+GCTGCACT
GCTGCATCATTTATCAGACTATAGATTGCAGAAACAATGGATTCTGTCACAAGGGTGCCACTCACATG
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CTGGACAGACGACGA

[illegible]

@A00721:190:HGJW7DSXY:4:2149:2582:26506 1:N:0:TCTGCAAG+GCTGCACT
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ACTTGTAGTTGCTGCCATGTGAGTGGCACCCTTGTGGACGAATCCATTGTTTCTGCAATCTATAGTCT
GATAAATGATGCAGC

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@A00721:190:HGJW7DSXY:4:2204:27823:2957 1:N:0:TCTGCAAG+GCTGCACT
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CTGGACAGACGACGA

[illegible]

@A00721:190:HGJW7DSXY:4:2643:13259:20134 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

@A00721:190:HGJW7DSXY:4:1121:1362:30499 1:N:0:TCTGCAAG+GCTGCACT
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ACTTGTAGTTGCTGCCATGTGAGTGGCACCCTTGTGGACGAATCCATTGTTTCTGCAATCTATAGTCT
GATAAATGATGCAGC

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@A00721:190:HGJW7DSXY:4:1407:17933:24314 1:N:0:TCTGCAAG+GCTGCACT
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TGTGAGTGGCACCCTTGTGGACGAATCCATTGTTTCTGCAATCTATAGTCTGATAAATGATGCAGCCG
CACGGTAGTGTAAGA

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@A00721:190:HGJW7DSXY:4:1515:19777:24408 1:N:0:TCTGCAAG+GCTGCACT
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CACGGTAGTGTAAGA

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@A00721:190:HGJW7DSXY:4:1554:30924:33285 1:N:0:TCTGCAAG+GCTGCACT
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TGTGAGTGGCACCCTTGTGGACGAATCCATTGTTTCTGCAATCTATAGTCTGATAAATGATGCAGCCG
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@A00721:190:HGJW7DSXY:4:2103:1334:23062 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2268:31774:11052 1:N:0:TCTGCAAG+GCTGCACT
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TGTGAGTGACACCCTTGTGGACGAATCCATTGTTTCTGCAATCTATAGTCTGATAAATGATGCAGCCG
CACGGTAGTGTAAGA

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@A00721:190:HGJW7DSXY:4:2469:18882:1814 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1123:1723:2409 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1571:1732:15358 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1676:1931:26944 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1167:4544:27492 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1304:1814:31062 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1667:22426:28213 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2476:23845:11318 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2615:15049:25175 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2668:11351:28886 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1121:3748:25144 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1248:15393:15468 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2301:9896:31720 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2658:24668:27085 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1121:14561:14340 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1204:10773:32925 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1669:3450:36714 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2143:28772:21261 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2157:16523:11788 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1227:4553:19586 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1508:19768:10645 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1508:19425:12305 1:N:0:TCTGCAAG+GCTGCACT
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TAGTGTAAGACGTCTAGGCTTGATCGCTAGACGTCTCTTCCGTTTGCATTGCTGATGCTTCGCTTCTA
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@A00721:190:HGJW7DSXY:4:2123:21459:35211 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2272:6207:23453 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2615:21965:36652 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2619:16712:10989 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1623:22978:9408 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2116:20491:14810 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2145:11758:23484 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1448:5222:28197 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1521:18991:27461 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1619:27290:25645 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2218:2184:5588 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2333:24288:25488 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2527:4227:17550 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1176:4887:28964 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1475:14136:3208 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1452:13367:22106 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1563:18566:19492 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2512:31629:6355 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2531:29342:1673 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2563:9281:22013 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2648:23737:14951 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2663:30391:9251 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1206:18728:14669 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2601:26304:29982 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2638:16360:33990 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1350:26847:32925 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1476:15411:25207 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2623:20672:23234 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1362:22480:25582 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2414:18511:33802 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2114:29487:28040 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1335:9155:36417 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2417:27733:8406 1:N:0:TCTGCAAG+GCTGCACT
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AAAGCACGATTGACG

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@A00721:190:HGJW7DSXY:4:1258:4291:1689 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1362:7952:27101 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1374:21902:28902 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1430:31358:22670 1:N:0:TCTGCAAG+GCTGCACT
GCTGATGCTTCGCTTCTATAGAAGGCGGATTTCGGCGAAGAAGAATTCTGCATTGTCTCTGTCCAAAT

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@A00721:190:HGJW7DSXY:4:2240:26377:4085 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2505:29315:29403 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2548:25337:29684 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2621:3531:28119 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2378:21459:13949 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1463:6668:7028 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1514:15121:4163 1:N:0:TCTGCAAG+GCTGCACT
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TGAATTGGTTTGCCG

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@A00721:190:HGJW7DSXY:4:2176:1407:19366 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2277:28167:34147 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2320:29161:19241 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2641:11695:30796 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1467:30291:31250 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1544:4562:3912 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1545:7437:18912 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1545:7491:19257 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1545:7934:19398 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2435:12545:12477 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2470:3251:22780 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1242:24361:25895 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1265:21251:27492 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2403:22661:17315 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2564:10791:24345 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1207:32669:25066 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1326:12599:2174 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1559:17969:26256 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2273:3757:2174 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2577:13738:25128 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2675:15510:15890 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1171:26512:20979 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1209:4065:11412 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2668:30382:25238 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1636:8757:16344 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1675:30490:2065 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1678:29288:16172 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2176:24252:20008 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2247:29857:3693 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2343:7654:27618 1:N:0:TCTGCAAG+GCTGCACT
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AAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTTCCT
GGACAAGGATGCCAA

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@A00721:190:HGJW7DSXY:4:2414:4860:30733 1:N:0:TCTGCAAG+GCTGCACT
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AAAGGTGGTATCCCGTCAATCGTGCTTTGCAATCCAGGCTCAGAAGAATATTCTTATAAGACGTTTCCT
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@A00721:190:HGJW7DSXY:4:2627:1479:36839 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2673:15139:5196 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1201:8793:14340 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1363:18385:13698 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2278:17336:14638 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2315:2546:13260 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1326:3125:21527 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1336:16324:17487 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2124:16080:8829 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2508:21350:16673 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2111:18891:20243 1:N:0:TCTGCAAG+GCTGCACT
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TTGGATACCCAATTGTGCTGGACCCCAATAAGCTCCTTCCAATGTTTCTTTGAAGATATGAAGGGCT
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@A00721:190:HGJW7DSXY:4:1204:27127:34131 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1207:17155:1611 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1219:17553:33364 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1340:5330:19805 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1412:7988:18427 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1509:19379:14105 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1527:21838:23375 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1562:14498:10848 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1562:14434:11021 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1625:17363:14121 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2346:10710:5102 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2659:4589:15327 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1118:30770:19742 1:N:0:TCTGCAAG+GCTGCACT
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[illegible][illegible]

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[illegible]

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@A00721:190:HGJW7DSXY:4:2659:15429:8359 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2363:9625:13025 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1170:14841:30577 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1104:18891:31266 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1109:4264:19241 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2673:19660:23985 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1130:13422:1157 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1557:5095:11068 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1557:3830:11475 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2377:16776:36182 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2528:6225:27211 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1113:16866:23281 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2272:32579:21840 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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[illegible]

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[illegible]

@A00721:190:HGJW7DSXY:4:1544:7184:36605 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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@A00721:190:HGJW7DSXY:4:2633:30029:2237 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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ATACCATGCGTTATTTCGAATATAGTTTTCGAATTAAAGTCTAGATATCCGAACATGTAATTATGTGGGC
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@A00721:190:HGJW7DSXY:4:1441:24641:30733 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1462:29098:19507 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1511:16975:18490 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1625:18213:31939 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2420:6189:1564 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2443:28664:35289 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2513:1877:31266 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1154:30770:36495 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1401:15637:31422 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2459:9462:33786 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1511:23592:11882 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1636:1579:6198 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1668:20302:6433 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2126:16080:15311 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2474:19633:36777 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1338:19759:4867 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1419:5475:25755 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1423:31403:14638 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1526:6479:31093 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1576:16595:25567 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2123:14714:27445 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2223:24144:33536 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2278:20790:10848 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2319:12536:11459 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2319:12843:11522 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2319:12988:11772 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2332:31222:16986 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2354:30038:23829 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2516:18430:28776 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2622:1551:12947 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2643:26368:17096 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1241:9688:28510 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2633:28131:14512 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2164:18656:15107 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1659:2474:30013 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2128:12644:16313 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1567:30870:8797 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1608:29894:35102 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2378:15546:30138 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2626:23267:30921 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2458:8874:36088 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2578:7979:13056 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2432:25798:20400 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2528:2338:31407 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1411:24270:23422 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1439:1316:19680 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2309:10583:34225 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1144:23619:2033 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1425:26838:3599 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1641:12798:18490 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1676:16396:32988 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2654:22670:13009 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2303:1443:28698 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2537:16432:3020 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1101:9453:17957 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1145:29948:14685 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1334:17879:22936 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1503:11351:34585 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2313:7030:24283 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1131:23258:20603 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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[illegible]

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[illegible]

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[illegible]

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[illegible]

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@A00721:190:HGJW7DSXY:4:2228:6397:18959 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2328:1452:31908 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1657:20103:18051 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1456:9534:15499 1:N:0:TCTGCAAG+GCTGCACT
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[illegible][illegible][illegible]

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[illegible]

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@A00721:190:HGJW7DSXY:4:2139:12915:1971 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2157:23204:9486 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2311:4092:11397 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2510:10321:30765 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2510:10095:31532 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1101:21133:3145 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1110:16477:29559 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1112:26106:14951 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1166:24261:32330 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1447:13422:3537 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1517:29658:19507 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1531:3739:6308 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2134:3568:26835 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2204:15637:28385 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2242:2022:32612 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2510:1271:14935 1:N:0:TCTGCAAG+GCTGCACT
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CTTCTTGAAATTGACCGTGATCAATATAAGATCCTCCTTTGTGATATAATCGGCGACGTCAGTCGCC
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@A00721:190:HGJW7DSXY:4:1108:9878:4038 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1255:7889:21637 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1320:24108:17879 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1410:12997:19022 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1551:12174:35978 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1650:14552:19867 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1153:25491:20588 1:N:0:TCTGCAAG+GCTGCACT
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GAATATTTGGGTGAA

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@A00721:190:HGJW7DSXY:4:2643:29351:25739 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2602:14036:17848 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1132:20265:13009 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1166:12689:28040 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1253:23312:35008 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1269:3938:33865 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2174:31973:32283 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2231:5113:31203 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2251:11740:33599 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2370:12545:25723 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2470:12192:29716 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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[illegible]

@A00721:190:HGJW7DSXY:4:1445:13485:17237 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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@A00721:190:HGJW7DSXY:4:2217:28348:22435 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2224:27760:5760 1:N:0:TCTGCAAG+GCTGCACT
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[illegible] $+$

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@A00721:190:HGJW7DSXY:4:1374:23619:14403 1:N:0:TCTGCAAG+GCTGCACT
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TCTGGGTTGATTATG

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@A00721:190:HGJW7DSXY:4:1420:32723:23688 1:N:0:TCTGCAAG+GCTGCACT
ACGATCACACTTTCTTTTCCGGCCGTCTTCTTGAAATTGACCGTGATCAATATAAGATCCTCCTTTTG
TGATATAATCGGCGACGTCATTGCGCGATCTCGCACTTTGAATATTTGGGTGAAAAGATTCGTCGGAA
TCTGGGTTGATTATG

[illegible]

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[illegible]

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[illegible]

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[illegible]

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@A00721:190:HGJW7DSXY:4:1402:12834:24001 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1402:13060:24205 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2176:15393:31469 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2369:5764:15922 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1108:26720:26631 1:N:0:TCTGCAAG+GCTGCACT
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GGCGACGTCATTGCGCGATCTCGCACTTTGAATATTTGGGTGAAAAGATTCGTCGGAATCTGGGTTGA
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@A00721:190:HGJW7DSXY:4:1168:7798:35070 1:N:0:TCTGCAAG+GCTGCACT
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GGCGACGTCATTGCGCGATCTCGCACTTTGAATATTTGGGTGAAAAGATTCGTCGGAATCTGGGTTGA
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@A00721:190:HGJW7DSXY:4:1168:8034:35665 1:N:0:TCTGCAAG+GCTGCACT
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[illegible][illegible]

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[illegible]

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GGCGACGTCATTCGCCGATCTCGCACTTTGAATATTTGGGTGAAAAGATTTCGTCGGAATCTGGGTTGA
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@A00721:190:HGJW7DSXY:4:2268:30698:4836 1:N:0:TCTGCAAG+GCTGCACT
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GGCGACGTCATTCGCCGATCTCGCACTTTGAATATTTGGGTGAAAAGATTTCGTCGGAATCTGGGTTGA
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@A00721:190:HGJW7DSXY:4:2322:27272:19852 1:N:0:TCTGCAAG+GCTGCACT
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GGCGACGTCATTCGCCGATCTCGCACTTTGAATATTTGGGTGAAAAGATTTCGTCGGAATCTGGGTTGA
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@A00721:190:HGJW7DSXY:4:2510:24894:15139 1:N:0:TCTGCAAG+GCTGCACT
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GGCGACGTCATTCGCCGATCTCGCACTTTGAATATTTGGGTGAAAAGATTTCGTCGGAATCTGGGTTGA
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@A00721:190:HGJW7DSXY:4:1217:4797:17033 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1278:22236:13761 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1541:2908:25003 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1252:16694:35352 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1261:2175:14528 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1410:25464:5854 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2176:28067:20541 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2334:13865:29731 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2357:29704:15828 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2357:29722:16016 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2369:2953:12117 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2415:6533:26459 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2415:6280:27336 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2433:20971:13510 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2444:14145:12148 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1377:31602:36338 1:N:0:TCTGCAAG+GCTGCACT
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ACCCAATATTCAAAGTGCGAGATCGGCGAATGACGTCGCCGATTATATCACAAAAGGAGGATCTGAT
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@A00721:190:HGJW7DSXY:4:1377:31394:36542 1:N:0:TCTGCAAG+GCTGCACT
CGGCAAGTATAAATGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTC
ACCCAATATTCAAAGTGCGAGATCGGCGAATGACGTCGCCGATTATATCACAAAAGGAGGATCTTAT
ATTGATCACGGTCAA

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@A00721:190:HGJW7DSXY:4:2167:15094:15139 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2167:13693:16595 1:N:0:TCTGCAAG+GCTGCACT
CGGCAAGTATAAATGTCGGAATCCAAGGTTCTTCGACATAATCAACCCAGATTCCGACGAATCTTTTC
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@A00721:190:HGJW7DSXY:4:2218:12084:15937 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2457:16360:3583 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1231:26051:32268 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1261:11921:13369 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1273:10945:35728 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1316:20166:3599 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1316:20365:4288 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1319:5150:23281 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1348:25663:24831 1:N:0:TCTGCAAG+GCTGCACT
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TCGTCGGAATCTGGGTTGATTATGTCTGAAGAACCTTGGATTCCGACATTTATACTTGCCGGAAAATTG
GAGAAGACAGTGAAG

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@A00721:190:HGJW7DSXY:4:1410:27272:35947 1:N:0:TCTGCAAG+GCTGCACT
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TCGTCGGAATCTGGGTTGATTATGTCTGAAGAACCTTGGATTCCGACATTTATACTTGCCGGAAAATTG
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@A00721:190:HGJW7DSXY:4:1430:11595:28870 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1438:4571:14857 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1452:8865:18818 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2303:15040:3928 1:N:0:TCTGCAAG+GCTGCACT CTCCTTTTGTGATATAATCGGCGACGTCATTGCCGATCTCGCACTTTGAATATTTGGGTGAAAAGAT TCGTCGGAATCTGGGTTGATTATGTCGAAGAACCTTGGATTCCGACATTTATACTTGCCGGAAAATTG GAGAAGACAGTGAAG

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@A00721:190:HGJW7DSXY:4:2315:22381:28823 1:N:0:TCTGCAAG+GCTGCACT CTCCTTTTGTGATATAATCGGCGACGTCATTGCCGATCTCGCACTTTGAATATTTGGGTGAAAAGAT TCGTCGGAATCTGGGTTGATTATGTCGAAGAACCTTGGATTCCGACATTTATACTTGCCGGAAAATTG GAGAAGACAGTGAAG

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@A00721:190:HGJW7DSXY:4:2343:29324:26882 1:N:0:TCTGCAAG+GCTGCACT CTCCTTTTGTGATATAATCGGCGACGTCATTGCCGATCTCGCACTTTGAATATTTGGGTGAAAAGAT TCGTCGGAATCTGGGTTGATTATGTCGAAGAACCTTGGATTCCGACATTTATACTTGCCGGAAAATTG GAGAAGACAGTGAAG

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@A00721:190:HGJW7DSXY:4:2428:30752:13197 1:N:0:TCTGCAAG+GCTGCACT CTCCTTTTGTGATATAATCGGCGACGTCATTGCCGATCTCGCACTTTGAATATTTGGGTGAAAAGAT TCGTCGGAATCTGGGTTGATTATGTCGAAGAACCTTGGATTCCGACATTTATACTTGCCGGAAAATTG GAGAAGACAGTGAAG

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@A00721:190:HGJW7DSXY:4:2504:14570:5368 1:N:0:TCTGCAAG+GCTGCACT CTCCTTTTGTGATATAATCGGCGACGTCATTGCCGATCTCGCACTTTGAATATTTGGGTGAAAAGAT TCGTCGGAATCTGGGTTGATTATGTCGAAGAACCTTGGATTCCGACATTTATACTTGCCGGAAAATTG GAGAAGACAGTGAAG

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@A00721:190:HGJW7DSXY:4:2510:31078:33270 1:N:0:TCTGCAAG+GCTGCACT CTCCTTTTGTGATATAATCGGCGACGTCATTGCCGATCTCGCACTTTGAATATTTGGGTGAAAAGAT TCGTCGGAATCTGGGTTGATTATGTCGAAGAACCTTGGATTCCGACATTTATACTTGCCGGAAAATTG GAGAAGACAGTGAAG

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@A00721:190:HGJW7DSXY:4:2648:28818:28228 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1537:1199:19601 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2439:13702:15608 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2551:11894:19774 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2233:18548:4711 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1675:6813:24533 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2171:18421:29074 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2226:32461:1908 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2241:18114:23249 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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[illegible]

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[illegible]

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TTTTCTTCGACAAGA

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@A00721:190:HGJW7DSXY:4:1330:11270:20322 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2538:18493:19241 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2669:10945:23923 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1239:14859:17613 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1475:32217:5588 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1507:23981:15718 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1535:19470:26694 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2650:28031:10050 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1228:14407:20462 1:N:0:TCTGCAAG+GCTGCACT
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TCGCGTTTCTGCATTAACCTCGAAGAATTAATTCTTAACCTATTCAAGATGTCCAAATTACAAAGAAAA
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@A00721:190:HGJW7DSXY:4:1607:25265:16438 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2549:18295:28635 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1133:12066:21574 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1277:23122:32800 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1539:19488:29074 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1163:32407:35697 1:N:0:TCTGCAAG+GCTGCACT
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[illegible]

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[illegible]

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[illegible][illegible][illegible]

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[illegible]

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[illegible]

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[illegible]

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@A00721:190:HGJW7DSXY:4:1651:23927:18004 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1674:29116:17472 1:N:0:TCTGCAAG+GCTGCACT
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CAAATTTGAAATTTGAAATCATTACTATTCCAATTGGGGATAGATTCTCCGGATTACTCTATACATA
TATATAGGTCCCCAG

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@A00721:190:HGJW7DSXY:4:2437:23448:23813 1:N:0:TCTGCAAG+GCTGCACT
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ATATCCCGCCCTACAGTATACCAATTCAAATTCAAATTCAAATAGAATTCCATAGGCCCCCGCAGGGGC
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@A00721:190:HGJW7DSXY:4:2441:19379:23657 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2647:29288:9251 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1148:19994:35994 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1168:24306:15060 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1178:23294:28494 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1228:6632:16861 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1172:20961:16344 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1263:30581:8766 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1317:17535:17738 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2655:7229:20838 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1504:2862:4946 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2120:31611:18693 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2242:18105:7482 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1668:7374:34240 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1677:32208:4758 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2267:5575:17534 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2327:10077:6324 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2670:10131:26647 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1536:32786:27806 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1537:22625:19914 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2278:23873:2848 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2665:7862:7185 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1162:21649:31970 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1223:7346:19038 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1257:2745:13761 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1346:30129:22326 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1348:27850:2597 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1351:19560:3677 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1451:3414:23312 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1564:11478:14700 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2130:29035:30953 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2571:32931:26772 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2656:3821:23265 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2142:13304:34240 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1259:26449:18646 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1413:26621:28463 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2366:25256:34961 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2221:32117:31876 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2225:18376:12273 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2264:32832:25974 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1503:30056:17253 1:N:0:TCTGCAAG+GCTGCACT
ACGGAGGTGTCCCCGGCGCGGGCAAGCCAGTAATATTATATTTGGTTGCCCCACGGTCTGCGGTAAGA
TGGCCCGCGGGCCTATGGAATTATATTTGTATTTTATTTTAATTTGTATAATGTAGGGGGGGGTA
TTTTAAAATTT

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@A00721:190:HGJW7DSXY:4:1128:6958:6026 1:N:0:TCTGCAAG+GCTGCACT
ATCCCGCCCTACAGTATACCAATTCAAATTCAAATTCAAATAGAAATTCATAGGCCCGCAGGGGCAT
CTTACCGCAGACCGTGGGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTA
CGCTTACGTGTCGAT

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@A00721:190:HGJW7DSXY:4:1435:2220:11475 1:N:0:TCTGCAAG+GCTGCACT
ATCCCGCCCTACAGTATACCAATTCAAATTCAAATTCAAATAGAATTCCATAGGCCCGCAGGGGCAT
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@A00721:190:HGJW7DSXY:4:1471:23493:29684 1:N:0:TCTGCAAG+GCTGCACT
ATCCCGCCCTACAGTATACCAATTCAAATTCAAATTCAAATAGAATTCCATAGGCCCGCAGGGGCAT
CTTACCGCAGACCGTGGGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTA
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@A00721:190:HGJW7DSXY:4:1641:5231:35790 1:N:0:TCTGCAAG+GCTGCACT
ATCCCGCCCTACAGTATACCAATTCAAATTCAAATTCAAATAGAATTCCATAGGCCCGCAGGGGCAT
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@A00721:190:HGJW7DSXY:4:2133:1542:32409 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2455:26775:12477 1:N:0:TCTGCAAG+GCTGCACT
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CTTACCGCAGACCGTGGGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTA
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@A00721:190:HGJW7DSXY:4:1611:23149:18004 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2216:14642:25629 1:N:0:TCTGCAAG+GCTGCACT
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TACCGCAGACCGTGGGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTACG
CTTACGTGTCGATTT

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@A00721:190:HGJW7DSXY:4:2163:26856:11647 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2205:16224:6574 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2210:15917:11240 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2240:17481:27759 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2240:14769:29074 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2307:20925:27492 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2324:28085:34757 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2506:8377:16219 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2519:28230:22044 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2521:8865:25488 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2525:27525:32659 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2577:16333:29058 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2647:30680:3239 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2653:17544:34194 1:N:0:TCTGCAAG+GCTGCACT
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ACCGCAGACCGTGGGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTACGC
TTACGTGTCGATTTG

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@A00721:190:HGJW7DSXY:4:2510:11116:9001 1:N:0:TCTGCAAG+GCTGCACT
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CCGAGACCGTGGGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTACGCT
TACGTGTCGATTTGT

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@A00721:190:HGJW7DSXY:4:2673:9715:5447 1:N:0:TCTGCAAG+GCTGCACT
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CCGAGACCGTGGGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTACGCT
TACGTGTCGATTTGT

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@A00721:190:HGJW7DSXY:4:1253:25129:27007 1:N:0:TCTGCAAG+GCTGCACT
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CGCAGACCGTGGGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTACGCTT
ACGTGTCGATTTGTC

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@A00721:190:HGJW7DSXY:4:1255:23628:12633 1:N:0:TCTGCAAG+GCTGCACT
GCCCTACAGTATACCAATTCAAATTCAAATTCAAATAGAATTCCATAGGCCCGCAGGGGCATCTTAC
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@A00721:190:HGJW7DSXY:4:1460:12391:12680 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2673:31810:15374 1:N:0:TCTGCAAG+GCTGCACT
GCCCTACAGTATACCAATTCAAATTCAAATTCAAATAGAATTCCATAGGCCCGCAGGGGCATCTTAC
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ACGTGTCGATTTGTC

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@A00721:190:HGJW7DSXY:4:1237:4661:7310 1:N:0:TCTGCAAG+GCTGCACT
CCTACAGTATACCAATTCAAATTCAAATTCAAATAGAATTCCATAGGCCCGCAGGGGCATCTTACCG
CAGACCGTGGGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTACGCTTAC
GTGTCGATTTGTGTCAG

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@A00721:190:HGJW7DSXY:4:1336:25464:1720 1:N:0:TCTGCAAG+GCTGCACT
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CAGACCGTGGGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTACGCTTAC
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@A00721:190:HGJW7DSXY:4:1371:16676:26678 1:N:0:TCTGCAAG+GCTGCACT
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CAGACCGTGGGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTACGCTTAC
GTGTCGATTTGTCAG

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@A00721:190:HGJW7DSXY:4:1430:18927:10567 1:N:0:TCTGCAAG+GCTGCACT
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CAGACCGTGGGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTACGCTTAC
GTGTCGATTTGTCAG

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@A00721:190:HGJW7DSXY:4:1530:3938:2487 1:N:0:TCTGCAAG+GCTGCACT
CCTACAGTATACCAATTCAAATTCAAATTCAAATAGAATTCCATAGGCCCGCAGGGGCATCTTACCG
CAGACCGTGGGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTACGCTTAC
GTGTCGATTTGTCAG

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@A00721:190:HGJW7DSXY:4:1677:20799:11522 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1128:23402:8923 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1231:6415:31391 1:N:0:TCTGCAAG+GCTGCACT
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CTACAGTATACCAATTCAAATTCAAATTCAAATAGAATTCATAGGCCCCGCAGGGGCATCTTACCGC
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CTACAGTATACCAATTCAAATTCAAATTCAAATAGAATTCCATAGGCCCCGCAGGGGCATCTTACCGC
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@A00721:190:HGJW7DSXY:4:2230:26250:3176 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2458:3224:24142 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2658:18132:9502 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1119:8558:22200 1:N:0:TCTGCAAG+GCTGCACT
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GGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTACGCTTACGTGTCGATT
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@A00721:190:HGJW7DSXY:4:1344:4562:35133 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1647:11939:23703 1:N:0:TCTGCAAG+GCTGCACT
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GGGCAAGCCAATATAATATTACTGGCTTGCCCGCGCCGGGGACACCTCCGTACGCTTACGTGTCGATT
TGTCATTAGACCAG

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@A00721:190:HGJW7DSXY:4:1648:5692:33144 1:N:0:TCTGCAAG+GCTGCACT
TACCAATTCAAATTCAAATTCAAATAGAAATTCATAGGCCCGCAGGGGCATCTTACCGCAGACCGTG
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@A00721:190:HGJW7DSXY:4:2648:7780:27336 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2664:18177:3317 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1123:2618:33896 1:N:0:TCTGCAAG+GCTGCACT
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GGCAAGCCAGTAATATTATATTGGCTTGCCCCACGGTCTGCGGTAAGATTCCCCTGCGGGGCCTATGG
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@A00721:190:HGJW7DSXY:4:1142:27263:14387 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2441:26666:24251 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1214:3179:35180 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1621:25852:28729 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1656:13892:10770 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1103:9561:34867 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1121:22996:18646 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1210:2862:33442 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1530:25048:7670 1:N:0:TCTGCAAG+GCTGCACT
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CGGGGACACCTCCGTACGCTTACGTGTCGATTTGTCATTAGACCACGCGTCACGATCATAACCATCTA
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@A00721:190:HGJW7DSXY:4:1616:6894:26710 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2304:12084:33254 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1123:28791:14653 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1402:4146:21793 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1464:24804:36276 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1470:32072:7811 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1566:24053:9893 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1667:12301:20948 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2344:31873:27007 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2355:20971:13479 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2167:4200:32847 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1147:31837:24972 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1620:30427:20337 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:1110:23321:23406 1:N:0:TCTGCAAG+GCTGCACT
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@A00721:190:HGJW7DSXY:4:2320:20745:14027 1:N:0:TCTGCAAG+GCTGCACT
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