pattern\_id ERR1549286 ERR1549290 ERR1549291 ERR1549287 ERR1549288 ERR1549299 ERR1549292 ERR1549298 ERR1549296 ERR1549300 ERR1549295 ERR1549294 ERR1549289 ERR1549293 11791\_8#10 11791\_8#11 11791\_8#12 11791\_8#13 11791\_8#14 11791\_8#15 11791\_8#16 11791\_8#17 11791\_8#21 11791\_8#22 11791\_8#24 11791\_8#25 11791\_8#27 11791\_8#28 11791\_8#29 11791\_8#3 11791\_8#30 11791\_8#32 11791\_8#33 11791\_8#34 11791\_8#35 11791\_8#36 11791\_8#37 11791\_8#38 11791\_8#39 11791\_8#4 11791\_8#40 11791\_8#41 11791\_8#42 11791\_8#45 11791\_8#46 11791\_8#47 11791\_8#48 11791\_8#49 11791\_8#5 11791\_8#50 11791\_8#51 11791\_8#53 11791\_8#56 11791\_8#57 11791\_8#58 11791\_8#59 11791\_8#6 11791\_8#60 11791\_8#63 11791\_8#64 11791\_8#65 11791\_8#66 11791\_8#67 11791\_8#68 11791\_8#69 11791\_8#7 11791\_8#70 11791\_8#71 11791\_8#72 11791\_8#73 11791\_8#74 11791\_8#75 11791\_8#76 11791\_8#77 11791\_8#78 11791\_8#79 11791\_8#81 11791\_8#82 11791\_8#83 11791\_8#84 11791\_8#85 11791\_8#86 11791\_8#88 11791\_8#89 11791\_8#9 11791\_8#91 11791\_8#92 11791\_8#93 11791\_8#94 11791\_8#95 11791\_8#96 11792\_5#1 11792\_5#10 11792\_5#11 11792\_5#12 11792\_5#13 11792\_5#14 11792\_5#15 11792\_5#16 11792\_5#17 11792\_5#18 11792\_5#19 11792\_5#2 11792\_5#21 11792\_5#22 11792\_5#23 11792\_5#24 11792\_5#25 11792\_5#26 11792\_5#28 11792\_5#29 11792\_5#3 11792\_5#30 11792\_5#32 11792\_5#33 11792\_5#34 11792\_5#35 11792\_5#36 11792\_5#37 11792\_5#38 11792\_5#39 11792\_5#4 11792\_5#40 11792\_5#41 11792\_5#42 11792\_5#44 11792\_5#45 11792\_5#46 11792\_5#47 11792\_5#48 11792\_5#49 11792\_5#5 11792\_5#50 11792\_5#51 11792\_5#9 12273\_1#1 12273\_1#10 12273\_1#11 12273\_1#12 12273\_1#13 12273\_1#14 12273\_1#15 12273\_1#16 12273\_1#17 12273\_1#18 12273\_1#19 12273\_1#2 12273\_1#20 12273\_1#21 12273\_1#22 12273\_1#23 12273\_1#24 12273\_1#25 12273\_1#26 12273\_1#27 12273\_1#28 12273\_1#29 12273\_1#3 12273\_1#30 12273\_1#31 12273\_1#32 12273\_1#33 12273\_1#34 12273\_1#35 12273\_1#36 12273\_1#37 12273\_1#38 12273\_1#39 12273\_1#4 12273\_1#40 12273\_1#41 12273\_1#42 12273\_1#43 12273\_1#44 12273\_1#45 12273\_1#46 12273\_1#47 12273\_1#48 12273\_1#49 12273\_1#5 12273\_1#50 12273\_1#51 12273\_1#52 12273\_1#53 12273\_1#54 12273\_1#55 12273\_1#56 12273\_1#57 12273\_1#58 12273\_1#59 12273\_1#6 12273\_1#60 12273\_1#61 12273\_1#62 12273\_1#7 12273\_1#8 12273\_1#9 SRR1661154 SRR1661156 SRR1661157 SRR1661158 SRR1661159 SRR1661160 SRR1661161 SRR1661162 SRR1661163 SRR1661164 SRR1661165 SRR1661166 SRR1661167 SRR1661169 SRR1661171 SRR1661172 SRR1661174 SRR1661176 SRR1661177 SRR1661178 SRR1661179 SRR1661180 SRR1661181 SRR1661182 SRR1661184 SRR1661185 SRR1661186 SRR1661187 SRR1661188 SRR1661189 SRR1661191 SRR1661192 SRR1661193 SRR1661194 SRR1661195 SRR1661196 SRR1661197 SRR1661198 SRR1661200 SRR1661201 SRR1661202 SRR1661203 SRR1661204 SRR1661205 SRR1661206 SRR1661208 SRR1661209 SRR1661210 SRR1661212 SRR1661213 SRR1661214 SRR1661215 SRR1661217 SRR1661218 SRR1661219 SRR1661220 SRR1661221 SRR1661222 SRR1661224 SRR1661225 SRR1661226 SRR1661228 SRR1661230 SRR1661231 SRR1661232 SRR1661233 SRR1661234 SRR1661235 SRR1661236 SRR1661237 SRR1661238 SRR1661239 SRR1661240 SRR1661241 SRR1661244 SRR1661246 SRR1661247 SRR1661248 SRR1661251 SRR1661252 SRR1661253 SRR1661254 SRR1661255 SRR1661256 SRR1661257 SRR1661258 SRR1661259 SRR1661260 SRR1661261 SRR1661263 SRR1661264 SRR1661266 SRR1661267 SRR1661268 SRR1661269 SRR1661270 SRR1661271 SRR1661272 SRR1661273 SRR1661274 SRR1661276 SRR1661277 SRR1661278 SRR1661280 SRR1661282 SRR1661283 SRR1661284 SRR1661285 SRR1661286 SRR1661287 SRR1661288 SRR1661289 SRR1661290 SRR1661291 SRR1661293 SRR1661294 SRR1661295 SRR1661296 SRR1661297 SRR1661298 SRR1661299 SRR1661300 SRR1661302 SRR1661303 SRR1661304 SRR1661305 SRR1661306 SRR1661307 SRR1661308 SRR1661309 SRR1661310 SRR1661311 SRR1661312 SRR1661313 SRR1661314 SRR1661316 SRR1661317 SRR1661318 SRR1661319 SRR1661320 SRR1661321 SRR1661323 SRR1661153 SRR2736093 SRR2736094 SRR1661155 SRR2736095 SRR2736096 SRR2736097 SRR2736098 SRR2736099 SRR2736100 SRR2736101 SRR2736102 SRR2736103 SRR2736104 SRR2736105 SRR2736106 SRR2736107 SRR2736108 SRR2736109 SRR2736110 SRR2736111 SRR2736112 SRR2736113 SRR2736114 SRR2736115 SRR2736116 SRR2736117 SRR2736118 SRR2736119 SRR2736120 SRR2736121 SRR2736122 SRR2736123 SRR2736124 SRR2736125 SRR2736126 SRR2736127 SRR2736128 SRR2736129 SRR1661168 SRR2736131 SRR2736132 SRR2736133 SRR2736134 SRR2736135 SRR2736136 SRR2736137 SRR1661175 SRR2736139 SRR2736140 SRR1661183 SRR2736141 SRR2736142 SRR2736143 SRR2736144 SRR2736145 SRR2736146 SRR2736147 SRR2736148 SRR2736149 SRR2736150 SRR2736151 SRR2736152 SRR2736153 SRR2736154 SRR2736155 SRR2736156 SRR2736157 SRR1661199 SRR1661207 SRR2736159 SRR2736160 SRR2736161 SRR2736162 SRR2736163 SRR1661211 SRR2736164 SRR2736165 SRR1661223 SRR1661227 SRR2736167 SRR2736168 SRR2736169 SRR2736170 SRR2736171 SRR2736172 SRR2736173 SRR2736174 SRR1661242 SRR2736175 SRR1661243 SRR2736176 SRR2736177 SRR1661245 SRR1661249 SRR1661250 SRR2736178 SRR2736179 SRR2736180 SRR2736181 SRR2736182 SRR2736183 SRR2736184 SRR2736185 SRR2736186 SRR2736188 SRR2736189 SRR2736190 SRR2736191 SRR2736192 SRR1661262 SRR2736193 SRR2736194 SRR2736195 SRR2736196 SRR2736197 SRR2736198 SRR1661265 SRR2736200 SRR2736201 SRR2736202 SRR2736203 SRR1661279 SRR2736204 SRR2736205 SRR2736206 SRR2736207 SRR2736208 SRR1661281 SRR2736209 SRR2736210 SRR1661292 SRR2736211 SRR2736212 SRR2736213 SRR2736214 SRR1661315 SRR2736215 SRR2736216 SRR2736217 SRR2736218 SRR2736219 SRR2736220 SRR2736221 SRR2736222 SRR2736223 SRR2736224 SRR2736225 SRR2736226 SRR2736227 SRR2736228 SRR2736229 SRR2736230 SRR2736231 SRR2736232 SRR2736233 SRR2736234 SRR2736235 SRR2736236 SRR2736237 SRR2736238 SRR2736239 SRR2736240 SRR2736241 SRR2736242 SRR2736243 SRR2736244 SRR2736245 SRR2736246 SRR2736247 SRR2736248 SRR2736249 SRR2736250 SRR2736251 SRR2736252 SRR2736253 SRR2736254 SRR2736255 SRR2736256 SRR2736257 SRR2736258 SRR2736259 SRR2736260 SRR2736261 SRR2736262 SRR2736263 SRR2736264 SRR2736265 SRR2736266 SRR2736267 SRR2736268 SRR2736269 SRR2736270 SRR2736271 SRR2736272 SRR2736273 SRR2736274 SRR2736275 SRR2736276 SRR2736277 SRR2736278 SRR2736279 SRR2736280 SRR2736281 SRR2736282 SRR2736283 SRR2736284 SRR2736285 SRR2736286 SRR2736287 SRR2736288 SRR2736289 SRR2736290 SRR2736291 SRR2736292 SRR2736293 SRR2736294 SRR2736295 SRR2736296 SRR2736297 SRR2736298 SRR2736299 SRR2736300 SRR2736301 SRR2736302 SRR2736303 SRR2736304 SRR2736305 SRR2736306 SRR1661322 16853\_2#1 16853\_2#10 16853\_2#11 16853\_2#12 16853\_2#13 16853\_2#14 16853\_2#15 16853\_2#16 16853\_2#17 16853\_2#18 16853\_2#19 16853\_2#2 16853\_2#20 16853\_2#21 16853\_2#22 16853\_2#23 16853\_2#24 16853\_2#25 16853\_2#26 16853\_2#27 16853\_2#28 16853\_2#29 16853\_2#3 16853\_2#30 16853\_2#31 16853\_2#32 16853\_2#33 16853\_2#34 16853\_2#35 16853\_2#37 16853\_2#38 16853\_2#39 16853\_2#4 16853\_2#40 16853\_2#41 16853\_2#42 16853\_2#43 16853\_2#44 16853\_2#45 16853\_2#46 16853\_2#47 16853\_2#48 16853\_2#49 16853\_2#5 16853\_2#50 16853\_2#51 16853\_2#52 16853\_2#53 16853\_2#54 16853\_2#55 16853\_2#56 16853\_2#57 16853\_2#58 16853\_2#59 16853\_2#6 16853\_2#60 16853\_2#61 16853\_2#62 16853\_2#63 16853\_2#64 16853\_2#65 16853\_2#66 16853\_2#67 16853\_2#68 16853\_2#69 16853\_2#7 16853\_2#70 16853\_2#71 16853\_2#72 16853\_2#73 16853\_2#74 16853\_2#75 16853\_2#76 16853\_2#77 16853\_2#78 16853\_2#79 16853\_2#80 16853\_2#81 16853\_2#82 16853\_2#83 16853\_2#84 16853\_2#85 16853\_2#86 16853\_2#87 16853\_2#88 16853\_2#89 16853\_2#9 16853\_2#90 16853\_2#91 16853\_2#92 16853\_2#93 16853\_2#94 16853\_2#95 16853\_3#1 16853\_3#10 16853\_3#18 16853\_3#19 16853\_3#2 16853\_3#21 16853\_3#22 16853\_3#23 16853\_3#24 16853\_3#25 16853\_3#3 16853\_3#32 16853\_3#33 16853\_3#35 16853\_3#37 16853\_3#38 16853\_3#39 16853\_3#4 16853\_3#49 16853\_3#5 16853\_3#50 16853\_3#51 16853\_3#52 16853\_3#53 16853\_3#54 16853\_3#55 16853\_3#56 16853\_3#57 16853\_3#58 16853\_3#59 16853\_3#6 16853\_3#60 16853\_3#61 16853\_3#62 16853\_3#64 16853\_3#66 16853\_3#67 16853\_3#68 16853\_3#69 16853\_3#70 16853\_3#71 16853\_3#72 16853\_3#81 16853\_3#82 16853\_3#83 16853\_3#84 16853\_3#85 16853\_3#86 16853\_3#87 16853\_4#1 16853\_4#10 16853\_4#11 16853\_4#12 16853\_4#13 16853\_4#14 16853\_4#15 16853\_4#16 16853\_4#17 16853\_4#18 16853\_4#19 16853\_4#2 16853\_4#20 16853\_4#21 16853\_4#22 16853\_4#23 16853\_4#24 16853\_4#25 16853\_4#26 16853\_4#27 16853\_4#28 16853\_4#29 16853\_4#3 16853\_4#31 16853\_4#32 16853\_4#33 16853\_4#34 16853\_4#35 16853\_4#36 16853\_4#37 16853\_4#38 16853\_4#39 16853\_4#4 16853\_4#40 16853\_4#41 16853\_4#42 16853\_4#43 16853\_4#44 16853\_4#45 16853\_4#46 16853\_4#47 16853\_4#48 16853\_4#49 16853\_4#5 16853\_4#50 16853\_4#51 16853\_4#52 16853\_4#53 16853\_4#54 16853\_4#55 16853\_4#6 16853\_4#7 16853\_4#8 16853\_4#9 16933\_2#1 16933\_2#10 16933\_2#11 16933\_2#12 16933\_2#13 16933\_2#14 16933\_2#17 16933\_2#18 16933\_2#19 16933\_2#2 16933\_2#20 16933\_2#21 16933\_2#22 16933\_2#25 16933\_2#26 16933\_2#28 16933\_2#29 16933\_2#3 16933\_2#30 16933\_2#31 16933\_2#33 16933\_2#34 16933\_2#35 16933\_2#36 16933\_2#37 16933\_2#38 16933\_2#39 16933\_2#4 16933\_2#41 16933\_2#42 16933\_2#43 16933\_2#44 16933\_2#45 16933\_2#46 16933\_2#47 16933\_2#48 16933\_2#49 16933\_2#5 16933\_2#50 16933\_2#51 16933\_2#52 16933\_2#53 16933\_2#54 16933\_2#55 16933\_2#56 16933\_2#58 16933\_2#59 16933\_2#6 16933\_2#60 16933\_2#61 16933\_2#62 16933\_2#65 16933\_2#66 16933\_2#67 16933\_2#69 16933\_2#7 16933\_2#70 16933\_2#71 16933\_2#72 16933\_2#73 16933\_2#74 16933\_2#75 16933\_2#76 16933\_2#77 16933\_2#78 16933\_2#79 16933\_2#80 16933\_2#81 16933\_2#82 16933\_2#83 16933\_2#84 16933\_2#85 16933\_2#86 16933\_2#87 16933\_2#88 16933\_2#89 16933\_2#9 16933\_2#90 16933\_2#91 16933\_2#92 16933\_2#93 16933\_3#1 16933\_3#10 16933\_3#11 16933\_3#12 16933\_3#13 16933\_3#14 16933\_3#15 16933\_3#16 16933\_3#17 16933\_3#18 16933\_3#19 16933\_3#2 16933\_3#20 16933\_3#21 16933\_3#22 16933\_3#23 16933\_3#24 16933\_3#25 16933\_3#26 16933\_3#27 16933\_3#28 16933\_3#29 16933\_3#3 16933\_3#30 16933\_3#31 16933\_3#32 16933\_3#33 16933\_3#34 16933\_3#35 16933\_3#36 16933\_3#37 16933\_3#38 16933\_3#39 16933\_3#4 16933\_3#40 16933\_3#41 16933\_3#42 16933\_3#43 16933\_3#44 16933\_3#45 16933\_3#46 16933\_3#47 16933\_3#48 16933\_3#49 16933\_3#5 16933\_3#50 16933\_3#51 16933\_3#52 16933\_3#53 16933\_3#54 16933\_3#55 16933\_3#56 16933\_3#57 16933\_3#58 16933\_3#59 16933\_3#6 16933\_3#60 16933\_3#61 16933\_3#62 16933\_3#63 16933\_3#64 16933\_3#65 16933\_3#66 16933\_3#67 16933\_3#68 16933\_3#69 16933\_3#7 16933\_3#70 16933\_3#71 16933\_3#72 16933\_3#73 16933\_3#74 16933\_3#75 16933\_3#76 16933\_3#77 16933\_3#78 16933\_3#79 16933\_3#8 16933\_3#80 16933\_3#81 16933\_3#82 16933\_3#83 16933\_3#84 16933\_3#85 16933\_3#86 16933\_3#87 16933\_3#88 16933\_3#89 16933\_3#9 16933\_3#90 16933\_3#91 16933\_3#92 17059\_3#69 17059\_3#70 17059\_3#72 17059\_3#73 17059\_3#74 17059\_3#75 17059\_3#76 17059\_3#77 17059\_3#78 17059\_3#79 17059\_3#80 17059\_3#81 17059\_3#82 17059\_3#83 17059\_3#84 17059\_3#85 17059\_3#86 17059\_3#87 17059\_3#88 17059\_3#89 17059\_3#90 17059\_3#91 17059\_3#92 17059\_3#93 17138\_1#1 17138\_1#10 17138\_1#11 17138\_1#12 17138\_1#13 17138\_1#14 17138\_1#15 17138\_1#16 17138\_1#17 17138\_1#18 17138\_1#19 17138\_1#2 17138\_1#20 17138\_1#21 17138\_1#22 17138\_1#23 17138\_1#24 17138\_1#25 17138\_1#26 17138\_1#27 17138\_1#28 17138\_1#29 17138\_1#3 17138\_1#30 17138\_1#31 17138\_1#32 17138\_1#33 17138\_1#34 17138\_1#35 17138\_1#36 17138\_1#37 17138\_1#38 17138\_1#39 17138\_1#4 17138\_1#40 17138\_1#41 17138\_1#42 17138\_1#43 17138\_1#44 17138\_1#45 17138\_1#46 17138\_1#47 17138\_1#48 17138\_1#49 17138\_1#5 17138\_1#50 17138\_1#51 17138\_1#52 17138\_1#53 17138\_1#54 17138\_1#55 17138\_1#56 17138\_1#57 17138\_1#58 17138\_1#59 17138\_1#6 17138\_1#60 17138\_1#61 17138\_1#62 17138\_1#63 17138\_1#64 17138\_1#65 17138\_1#66 17138\_1#67 17138\_1#68 17138\_1#69 17138\_1#7 17138\_1#70 17138\_1#71 17138\_1#72 17138\_1#73 17138\_1#74 17138\_1#75 17138\_1#76 17138\_1#77 17138\_1#78 17138\_1#79 17138\_1#8 17138\_1#80 17138\_1#81 17138\_1#82 17138\_1#83 17138\_1#84 17138\_1#85 17138\_1#86 17138\_1#87 17138\_1#88 17138\_1#89 17138\_1#9 17138\_1#90 17138\_1#91 17138\_1#92 17150\_2#1 17150\_2#10 17150\_2#11 17150\_2#12 17150\_2#13 17150\_2#14 17150\_2#15 17150\_2#16 17150\_2#17 17150\_2#18 17150\_2#19 17150\_2#2 17150\_2#20 17150\_2#21 17150\_2#22 17150\_2#23 17150\_2#24 17150\_2#25 17150\_2#26 17150\_2#27 17150\_2#28 17150\_2#29 17150\_2#3 17150\_2#30 17150\_2#31 17150\_2#32 17150\_2#33 17150\_2#34 17150\_2#36 17150\_2#37 17150\_2#38 17150\_2#39 17150\_2#4 17150\_2#40 17150\_2#41 17150\_2#42 17150\_2#43 17150\_2#44 17150\_2#45 17150\_2#46 17150\_2#47 17150\_2#48 17150\_2#49 17150\_2#5 17150\_2#50 17150\_2#51 17150\_2#52 17150\_2#53 17150\_2#54 17150\_2#55 17150\_2#56 17150\_2#57 17150\_2#58 17150\_2#59 17150\_2#6 17150\_2#60 17150\_2#61 17150\_2#62 17150\_2#63 17150\_2#64 17150\_2#65 17150\_2#66 17150\_2#67 17150\_2#68 17150\_2#69 17150\_2#7 17150\_2#70 17150\_2#71 17150\_2#72 17150\_2#73 17150\_2#74 17150\_2#75 17150\_2#76 17150\_2#77 17150\_2#78 17150\_2#79 17150\_2#8 17150\_2#80 17150\_2#81 17150\_2#82 17150\_2#83 17150\_2#84 17150\_2#85 17150\_2#86 17150\_2#87 17150\_2#88 17150\_2#89 17150\_2#9 17150\_2#90 17150\_2#91 17150\_2#92 17150\_2#93 17328\_3#36 17328\_3#37 17328\_3#38 17328\_3#39 17328\_3#40 17328\_3#41 17328\_3#42 17328\_3#43 17328\_3#44 17328\_3#45 17328\_3#46 17328\_3#47 17328\_3#48 17328\_3#49 17328\_3#50 17328\_3#51 17328\_3#52 17328\_3#53 17328\_3#54 17328\_3#55 17328\_3#56 17328\_3#57 17328\_3#58 17328\_3#59 17328\_3#60 17328\_3#61 17328\_3#62 17328\_3#63 17328\_3#64 17328\_3#65 17328\_3#66 17328\_3#67 17328\_3#68 17328\_3#69 17328\_3#70 17328\_4#1 17328\_4#10 17328\_4#11 17328\_4#12 17328\_4#13 17328\_4#14 17328\_4#15 17328\_4#16 17328\_4#17 17328\_4#18 17328\_4#19 17328\_4#2 17328\_4#20 17328\_4#21 17328\_4#22 17328\_4#23 17328\_4#24 17328\_4#25 17328\_4#26 17328\_4#27 17328\_4#28 17328\_4#29 17328\_4#3 17328\_4#30 17328\_4#31 17328\_4#32 17328\_4#33 17328\_4#34 17328\_4#35 17328\_4#36 17328\_4#37 17328\_4#38 17328\_4#39 17328\_4#4 17328\_4#40 17328\_4#41 17328\_4#42 17328\_4#43 17328\_4#44 17328\_4#45 17328\_4#46 17328\_4#47 17328\_4#48 17328\_4#49 17328\_4#5 17328\_4#50 17328\_4#51 17328\_4#52 17328\_4#53 17328\_4#54 17328\_4#55 17328\_4#56 17328\_4#57 17328\_4#58 17328\_4#59 17328\_4#6 17328\_4#60 17328\_4#61 17328\_4#62 17328\_4#63 17328\_4#64 17328\_4#65 17328\_4#66 17328\_4#67 17328\_4#68 17328\_4#69 17328\_4#7 17328\_4#70 17328\_4#71 17328\_4#72 17328\_4#73 17328\_4#74 17328\_4#75 17328\_4#76 17328\_4#77 17328\_4#78 17328\_4#79 17328\_4#8 17328\_4#80 17328\_4#81 17328\_4#82 17328\_4#9 17427\_1#1 17427\_1#10 17427\_1#11 17427\_1#12 17427\_1#13 17427\_1#14 17427\_1#15 17427\_1#16 17427\_1#17 17427\_1#18 17427\_1#19 17427\_1#2 17427\_1#20 17427\_1#21 17427\_1#22 17427\_1#23 17427\_1#24 17427\_1#25 17427\_1#26 17427\_1#27 17427\_1#28 17427\_1#29 17427\_1#3 17427\_1#30 17427\_1#31 17427\_1#32 17427\_1#33 17427\_1#34 17427\_1#35 17427\_1#36 17427\_1#37 17427\_1#38 17427\_1#39 17427\_1#4 17427\_1#40 17427\_1#41 17427\_1#42 17427\_1#43 17427\_1#44 17427\_1#45 17427\_1#46 17427\_1#47 17427\_1#48 17427\_1#49 17427\_1#5 17427\_1#50 17427\_1#51 17427\_1#52 17427\_1#53 17427\_1#54 17427\_1#55 17427\_1#56 17427\_1#57 17427\_1#58 17427\_1#59 17427\_1#6 17427\_1#60 17427\_1#61 17427\_1#62 17427\_1#63 17427\_1#64 17427\_1#65 17427\_1#66 17427\_1#67 17427\_1#68 17427\_1#69 17427\_1#7 17427\_1#70 17427\_1#71 17427\_1#72 17427\_1#73 17427\_1#74 17427\_1#75 17427\_1#76 17427\_1#77 17427\_1#78 17427\_1#79 17427\_1#8 17427\_1#80 17427\_1#81 17427\_1#82 17427\_1#83 17427\_1#84 17427\_1#85 17427\_1#86 17427\_1#87 17427\_1#88 17427\_1#89 17427\_1#9 17427\_1#90 17427\_1#91 17427\_1#92 17427\_1#93 17427\_1#94 17428\_6#1 17428\_6#10 17428\_6#11 17428\_6#12 17428\_6#13 17428\_6#14 17428\_6#15 17428\_6#16 17428\_6#17 17428\_6#18 17428\_6#19 17428\_6#2 17428\_6#20 17428\_6#21 17428\_6#22 17428\_6#23 17428\_6#24 17428\_6#25 17428\_6#26 17428\_6#27 17428\_6#28 17428\_6#29 17428\_6#30 17428\_6#31 17428\_6#32 17428\_6#33 17428\_6#34 17428\_6#35 17428\_6#36 17428\_6#37 17428\_6#38 17428\_6#39 17428\_6#4 17428\_6#40 17428\_6#41 17428\_6#42 17428\_6#43 17428\_6#44 17428\_6#45 17428\_6#46 17428\_6#47 17428\_6#48 17428\_6#49 17428\_6#5 17428\_6#50 17428\_6#51 17428\_6#52 17428\_6#53 17428\_6#54 17428\_6#55 17428\_6#56 17428\_6#57 17428\_6#58 17428\_6#59 17428\_6#6 17428\_6#60 17428\_6#61 17428\_6#62 17428\_6#63 17428\_6#64 17428\_6#65 17428\_6#66 17428\_6#67 17428\_6#68 17428\_6#69 17428\_6#7 17428\_6#70 17428\_6#71 17428\_6#72 17428\_6#73 17428\_6#74 17428\_6#75 17428\_6#76 17428\_6#77 17428\_6#78 17428\_6#79 17428\_6#8 17428\_6#80 17428\_6#81 17428\_6#82 17428\_6#83 17428\_6#84 17428\_6#85 17428\_6#86 17428\_6#87 17428\_6#88 17428\_6#89 17428\_6#9 17428\_6#90 17428\_7#1 17428\_7#10 17428\_7#11 17428\_7#12 17428\_7#13 17428\_7#14 17428\_7#15 17428\_7#16 17428\_7#17 17428\_7#18 17428\_7#19 17428\_7#2 17428\_7#20 17428\_7#21 17428\_7#22 17428\_7#23 17428\_7#24 17428\_7#25 17428\_7#26 17428\_7#27 17428\_7#28 17428\_7#29 17428\_7#3 17428\_7#30 17428\_7#31 17428\_7#32 17428\_7#33 17428\_7#34 17428\_7#35 17428\_7#36 17428\_7#37 17428\_7#38 17428\_7#39 17428\_7#4 17428\_7#40 17428\_7#41 17428\_7#42 17428\_7#43 17428\_7#44 17428\_7#45 17428\_7#46 17428\_7#47 17428\_7#48 17428\_7#49 17428\_7#5 17428\_7#50 17428\_7#51 17428\_7#52 17428\_7#53 17428\_7#54 17428\_7#55 17428\_7#56 17428\_7#57 17428\_7#58 17428\_7#59 17428\_7#6 17428\_7#60 17428\_7#61 17428\_7#62 17428\_7#63 17428\_7#64 17428\_7#65 17428\_7#66 17428\_7#67 17428\_7#68 17428\_7#69 17428\_7#7 17428\_7#70 17428\_7#71 17428\_7#72 17428\_7#73 17428\_7#74 17428\_7#75 17428\_7#76 17428\_7#77 17428\_7#78 17428\_7#79 17428\_7#8 17428\_7#80 17428\_7#81 17428\_7#82 17428\_7#83 17428\_7#84 17428\_7#85 17428\_7#86 17428\_7#87 17428\_7#88 17428\_7#89 17428\_7#9 17428\_7#90 17651\_3#1 17651\_3#10 17651\_3#11 17651\_3#12 17651\_3#13 17651\_3#14 17651\_3#15 17651\_3#16 17651\_3#17 17651\_3#18 17651\_3#19 17651\_3#2 17651\_3#20 17651\_3#21 17651\_3#22 17651\_3#23 17651\_3#24 17651\_3#25 17651\_3#26 17651\_3#27 17651\_3#28 17651\_3#29 17651\_3#3 17651\_3#30 17651\_3#31 17651\_3#32 17651\_3#33 17651\_3#34 17651\_3#35 17651\_3#36 17651\_3#37 17651\_3#38 17651\_3#39 17651\_3#4 17651\_3#40 17651\_3#41 17651\_3#42 17651\_3#43 17651\_3#44 17651\_3#45 17651\_3#46 17651\_3#47 17651\_3#48 17651\_3#49 17651\_3#5 17651\_3#50 17651\_3#51 17651\_3#52 17651\_3#53 17651\_3#54 17651\_3#6 17651\_3#7 17651\_3#8 17651\_3#9 17794\_3#45 17794\_3#46 17794\_3#47 17794\_3#48 17794\_3#49 18090\_3#36 18090\_3#38 18090\_3#39 18090\_3#40 18090\_3#41 18090\_3#42 18090\_3#43 18090\_3#44 18090\_3#45 18090\_3#46 18090\_3#47 18090\_3#48 18090\_3#49 18090\_3#50 18090\_3#51 18090\_3#52 18090\_3#53 18090\_3#54 18090\_3#55 18090\_3#56 18090\_3#57 18090\_3#58 18090\_3#59 18090\_3#60 18090\_3#61 18090\_3#62 18623\_5#41 SRR3361307 SRR3361308 SRR3357011 SRR3361310 SRR3361311 SRR3361312 SRR3349516 SRR3361313 SRR3361314 SRR3361315 SRR3349518 SRR3360913 SRR3361317 SRR3361318 SRR3361320 SRR3361321 SRR3360917 SRR3361322 SRR3349526 SRR3360921 SRR3361324 SRR3360924 SRR3361325 SRR3361326 SRR3360926 SRR3349538 SRR3360930 SRR3361328 SRR3361329 SRR3361332 SRR3361333 SRR3361336 SRR3361337 SRR3357028 SRR3360936 SRR3349544 SRR3361338 SRR3360939 SRR3361340 SRR3361341 SRR3361342 SRR3349546 SRR3361343 SRR3361344 SRR3361345 SRR3361346 SRR3361347 SRR3360943 SRR3360944 SRR3361349 SRR3361350 SRR3361351 SRR3349554 SRR3357077 SRR3360947 SRR3349557 SRR3361352 SRR3360949 SRR3361353 SRR3361354 SRR3361355 SRR3361356 SRR3360605 SRR3360606 SRR3360950 SRR3349563 SRR3360607 SRR3360953 SRR3360608 SRR3360609 SRR3360610 SRR3360612 SRR3360613 SRR3360614 SRR3349568 SRR3360615 SRR3349573 SRR3360616 SRR3360617 SRR3360618 SRR3360619 SRR3349577 SRR3360622 SRR3360964 SRR3360624 SRR3360625 SRR3360967 SRR3360970 SRR3360627 SRR3360628 SRR3357157 SRR3360629 SRR3360630 SRR3360632 SRR3360980 SRR3360633 SRR3360634 SRR3357160 SRR3360981 SRR3360982 SRR3360983 SRR3360635 SRR3360984 SRR3360636 SRR3360637 SRR3360638 SRR3360639 SRR3360991 SRR3360640 SRR3360641 SRR3360642 SRR3360993 SRR3360644 SRR3360645 SRR3360646 SRR3360647 SRR3360648 SRR3360649 SRR3360650 SRR3360651 SRR3349601 SRR3360652 SRR3360766 SRR3360653 SRR3360654 SRR3360771 SRR3360772 SRR3360774 SRR3357181 SRR3360658 SRR3360659 SRR3357186 SRR3360810 SRR3360811 SRR3360661 SRR3360662 SRR3349615 SRR3360813 SRR3360663 SRR3360664 SRR3360665 SRR3360667 SRR3360669 SRR3360670 SRR3360671 SRR3357191 SRR3360672 SRR3357192 SRR3360674 SRR3360827 SRR3360829 SRR3357194 SRR3360675 SRR3360832 SRR3360677 SRR3360678 SRR3360679 SRR3360680 SRR3360681 SRR3360836 SRR3360683 SRR3360684 SRR3360685 SRR3360686 SRR3360687 SRR3360688 SRR3357229 SRR3360689 SRR3357246 SRR3360690 SRR3360691 SRR3360692 SRR3360693 SRR3360846 SRR3360694 SRR3360696 SRR3360697 SRR3357252 SRR3360698 SRR3349658 SRR3360700 SRR3360851 SRR3360701 SRR3360702 SRR3360703 SRR3360854 SRR3360704 SRR3360705 SRR3357260 SRR3360706 SRR3360707 SRR3360708 SRR3357263 SRR3360709 SRR3360710 SRR3360711 SRR3357264 SRR3360712 SRR3360713 SRR3360714 SRR3360867 SRR3349673 SRR3360715 SRR3360716 SRR3360717 SRR3360718 SRR3360872 SRR3360719 SRR3360720 SRR3360721 SRR3349688 SRR3357288 SRR3360722 SRR3357289 SRR3360876 SRR3360723 SRR3357305 SRR3360883 SRR3360725 SRR3360726 SRR3360727 SRR3360728 SRR3360729 SRR3360730 SRR3360731 SRR3360889 SRR3360733 SRR3360734 SRR3360735 SRR3360736 SRR3360890 SRR3360737 SRR3360738 SRR3357314 SRR3360740 SRR3360893 SRR3360743 SRR3360745 SRR3349726 SRR3360746 SRR3360747 SRR3360748 SRR3360749 SRR3360750 SRR3360751 SRR3360752 SRR3360753 SRR3360754 SRR3360755 10356\_1#1 10356\_1#10 10356\_1#11 10356\_1#12 10356\_1#15 10356\_1#16 10356\_1#17 10356\_1#18 10356\_1#19 10356\_1#2 10356\_1#21 10356\_1#22 10356\_1#23 10356\_1#24 10356\_1#25 10356\_1#26 10356\_1#27 10356\_1#28 10356\_1#29 10356\_1#3 10356\_1#30 10356\_1#31 10356\_1#32 10356\_1#33 10356\_1#34 10356\_1#35 10356\_1#36 10356\_1#37 10356\_1#38 10356\_1#39 10356\_1#4 10356\_1#40 10356\_1#41 10356\_1#42 10356\_1#43 10356\_1#44 10356\_1#45 10356\_1#46 10356\_1#47 10356\_1#48 10356\_1#49 10356\_1#5 10356\_1#50 10356\_1#51 10356\_1#52 10356\_1#53 10356\_1#54 10356\_1#55 10356\_1#56 10356\_1#57 10356\_1#58 10356\_1#59 10356\_1#6 10356\_1#60 10356\_1#61 10356\_1#62 10356\_1#63 10356\_1#64 10356\_1#66 10356\_1#67 10356\_1#68 10356\_1#69 10356\_1#7 10356\_1#70 10356\_1#71 10356\_1#72 10356\_1#73 10356\_1#74 10356\_1#75 10356\_1#76 10356\_1#77 10356\_1#78 10356\_1#79 10356\_1#8 10356\_1#80 10356\_1#81 10356\_1#82 10356\_1#83 10356\_1#84 10356\_1#85 10356\_1#86 10356\_1#87 10356\_1#88 10356\_1#89 10356\_1#9 10356\_1#90 10356\_1#91 10356\_1#92 10356\_1#93 10356\_1#94 10625\_6#1 10625\_6#10 10625\_6#12 10625\_6#13 10625\_6#14 10625\_6#15 10625\_6#16 10625\_6#17 10625\_6#18 10625\_6#19 10625\_6#2 10625\_6#21 10625\_6#22 10625\_6#23 10625\_6#24 10625\_6#25 10625\_6#26 10625\_6#27 10625\_6#28 10625\_6#29 10625\_6#3 10625\_6#30 10625\_6#32 10625\_6#33 10625\_6#34 10625\_6#35 10625\_6#36 10625\_6#37 10625\_6#38 10625\_6#39 10625\_6#4 10625\_6#40 10625\_6#41 10625\_6#44 10625\_6#45 10625\_6#46 10625\_6#47 10625\_6#48 10625\_6#49 10625\_6#5 10625\_6#50 10625\_6#51 10625\_6#52 10625\_6#53 10625\_6#54 10625\_6#55 10625\_6#56 10625\_6#57 10625\_6#58 10625\_6#59 10625\_6#6 10625\_6#60 10625\_6#61 10625\_6#62 10625\_6#63 10625\_6#64 10625\_6#65 10625\_6#66 10625\_6#67 10625\_6#68 10625\_6#69 10625\_6#7 10625\_6#70 10625\_6#71 10625\_6#72 10625\_6#73 10625\_6#74 10625\_6#75 10625\_6#76 10625\_6#77 10625\_6#78 10625\_6#79 10625\_6#8 10625\_6#80 10625\_6#81 10625\_6#82 10625\_6#83 10625\_6#84 10625\_6#85 10625\_6#86 10625\_6#87 10625\_6#88 10625\_6#89 10625\_6#9 10625\_6#90 10625\_6#91 10625\_6#92 10625\_6#93 10625\_6#94 10625\_6#95 10868\_8#1 10868\_8#10 10868\_8#11 10868\_8#12 10868\_8#15 10868\_8#16 10868\_8#17 10868\_8#18 10868\_8#19 10868\_8#2 10868\_8#20 10868\_8#21 10868\_8#22 10868\_8#23 10868\_8#24 10868\_8#27 10868\_8#28 10868\_8#29 10868\_8#3 10868\_8#30 10868\_8#31 10868\_8#32 10868\_8#33 10868\_8#34 10868\_8#35 10868\_8#37 10868\_8#38 10868\_8#39 10868\_8#40 10868\_8#41 10868\_8#42 10868\_8#43 10868\_8#44 10868\_8#45 10868\_8#46 10868\_8#47 10868\_8#48 10868\_8#49 10868\_8#5 10868\_8#50 10868\_8#51 10868\_8#52 10868\_8#53 10868\_8#54 10868\_8#55 10868\_8#56 10868\_8#57 10868\_8#58 10868\_8#59 10868\_8#6 10868\_8#60 10868\_8#61 10868\_8#62 10868\_8#63 10868\_8#64 10868\_8#66 10868\_8#67 10868\_8#68 10868\_8#69 10868\_8#7 10868\_8#70 10868\_8#71 10868\_8#72 10868\_8#73 10868\_8#74 10868\_8#75 10868\_8#76 10868\_8#77 10868\_8#78 10868\_8#79 10868\_8#8 10868\_8#80 10868\_8#81 10868\_8#82 10868\_8#83 10868\_8#84 10868\_8#85 10868\_8#87 10868\_8#88 10868\_8#89 10868\_8#9 10868\_8#90 10868\_8#91 10868\_8#92 10868\_8#93 10868\_8#94 10868\_8#95 10900\_8#1 10900\_8#10 10900\_8#11 10900\_8#12 10900\_8#13 10900\_8#14 10900\_8#15 10900\_8#16 10900\_8#17 10900\_8#18 10900\_8#19 10900\_8#2 10900\_8#20 10900\_8#21 10900\_8#22 10900\_8#23 10900\_8#24 10900\_8#25 10900\_8#26 10900\_8#27 10900\_8#28 10900\_8#29 10900\_8#3 10900\_8#30 10900\_8#31 10900\_8#32 10900\_8#33 10900\_8#34 10900\_8#35 10900\_8#37 10900\_8#38 10900\_8#39 10900\_8#40 10900\_8#41 10900\_8#42 10900\_8#43 10900\_8#44 10900\_8#45 10900\_8#48 10900\_8#49 10900\_8#5 10900\_8#50 10900\_8#51 10900\_8#52 10900\_8#53 10900\_8#54 10900\_8#55 10900\_8#56 10900\_8#57 10900\_8#58 10900\_8#59 10900\_8#6 10900\_8#60 10900\_8#61 10900\_8#62 10900\_8#63 10900\_8#64 10900\_8#65 10900\_8#66 10900\_8#67 10900\_8#68 10900\_8#69 10900\_8#7 10900\_8#70 10900\_8#71 10900\_8#72 10900\_8#73 10900\_8#74 10900\_8#75 10900\_8#76 10900\_8#77 10900\_8#78 10900\_8#79 10900\_8#80 10900\_8#81 11792\_4#11 11792\_4#12 11792\_4#13 11792\_4#14 11792\_4#15 11792\_4#2 11792\_4#26 11792\_4#27 11792\_4#28 11792\_4#29 11792\_4#3 11792\_4#30 11792\_4#32 11792\_4#33 11792\_4#34 11792\_4#35 11792\_4#36 11792\_4#37 11792\_4#38 11792\_4#39 11792\_4#4 11792\_4#40 11792\_4#41 11792\_4#42 11792\_4#44 11792\_4#45 11792\_4#46 11792\_4#47 11792\_4#48 11792\_4#49 11792\_4#5 11792\_4#50 11792\_4#51 11792\_4#52 11792\_4#53 11792\_4#54 11792\_4#55 11792\_4#56 11792\_4#57 11792\_4#58 11792\_4#59 11792\_4#6 11792\_4#60 11792\_4#61 11792\_4#62 11792\_4#63 11792\_4#64 11792\_4#69 11792\_4#70 11792\_4#71 11792\_4#72 11792\_4#73 12045\_8#76 12045\_8#77 12045\_8#78 12082\_1#19 12082\_1#20 12082\_1#21 12082\_1#22 12273\_1#63 12273\_1#64 8289\_2#1 8289\_2#2 8289\_2#3 8289\_2#4 8289\_2#5 8289\_2#6 8289\_2#7 8289\_2#8 8289\_2#9 8289\_2#10 8289\_2#12 9716\_3#43 8289\_2#14 9716\_3#44 9716\_3#45 8289\_2#17 8289\_2#18 8289\_2#19 8289\_2#20 8289\_2#21 8289\_2#22 8289\_2#23 8289\_2#24 15335\_5#75 8289\_2#26 8289\_2#27 8289\_2#28 15335\_5#76 8289\_2#30 8289\_2#31 8289\_2#32 8289\_2#33 8289\_2#34 8289\_2#35 8289\_2#36 8289\_2#37 8289\_2#38 8289\_2#39 8289\_2#40 8289\_2#41 8289\_2#42 8289\_2#43 8289\_2#44 8289\_2#45 8289\_2#46 8289\_2#47 8289\_2#49 8289\_2#50 8289\_2#51 8289\_2#52 8289\_2#53 8289\_2#54 8289\_2#55 8289\_2#56 8289\_2#57 8289\_2#58 8289\_2#59 8289\_2#60 15335\_5#84 8289\_2#62 8289\_2#63 8289\_2#64 8289\_2#65 8289\_2#66 8289\_2#67 8289\_2#68 8289\_2#69 8289\_2#70 8289\_2#71 8289\_2#72 8289\_2#73 8289\_2#74 8289\_2#75 8289\_2#76 8289\_2#77 8289\_2#78 8289\_2#79 8289\_2#80 8289\_2#81 8289\_2#82 8289\_2#83 8289\_2#84 8289\_2#85 8289\_2#86 8289\_2#87 8289\_2#88 8289\_2#89 8289\_2#90 8289\_2#91 8289\_2#92 8289\_2#93 8289\_2#94 8289\_2#95 8289\_2#96 8727\_8#1 8727\_8#2 8727\_8#3 8727\_8#4 8727\_8#5 8727\_8#6 8727\_8#7 8727\_8#8 8727\_8#9 8727\_8#10 8727\_8#11 8727\_8#12 8727\_8#13 8289\_2#11 8727\_8#14 8727\_8#15 9716\_3#90 8727\_8#17 8727\_8#18 8727\_8#19 8727\_8#20 8727\_8#21 8727\_8#22 8727\_8#23 8727\_8#24 8727\_8#25 8727\_8#26 8727\_8#27 8727\_8#28 8727\_8#29 8727\_8#30 8727\_8#31 8727\_8#32 8727\_8#33 8727\_8#34 8727\_8#35 8727\_8#36 15335\_5#95 8727\_8#38 8727\_8#39 8727\_8#40 8727\_8#41 8727\_8#42 8727\_8#43 15335\_4#53 8727\_8#45 8727\_8#46 8727\_8#47 8727\_8#48 8727\_8#49 8727\_8#50 8727\_8#51 15335\_5#86 8727\_8#53 8727\_8#54 8727\_8#55 8727\_8#56 8727\_8#57 15335\_5#85 8727\_8#59 8727\_8#60 8727\_8#61 8727\_8#62 15335\_6#46 8727\_8#64 8727\_8#65 8727\_8#66 8727\_8#67 8727\_8#68 8727\_8#69 8727\_8#70 8727\_8#71 8727\_8#72 8727\_8#73 8727\_8#74 8727\_8#75 8727\_8#76 8727\_8#77 8727\_8#78 8727\_8#79 8727\_8#80 8727\_8#81 8727\_8#82 8727\_8#83 8727\_8#84 8727\_8#85 8727\_8#86 8727\_8#87 8727\_8#88 8727\_8#89 8727\_8#90 8727\_8#91 8727\_8#92 8727\_8#93 8727\_8#94 8727\_8#95 8727\_8#96 8727\_5#43 8727\_5#44 8727\_5#45 8727\_5#46 8727\_5#47 8727\_5#48 8727\_5#49 8727\_5#50 8727\_5#51 8727\_5#52 8727\_5#53 8727\_5#54 8727\_5#55 8727\_5#56 8727\_5#57 8727\_5#58 8727\_5#59 8727\_5#60 8727\_5#61 8727\_5#62 8727\_5#63 8727\_5#64 8727\_5#65 8727\_5#66 8727\_5#67 8727\_5#68 8727\_5#69 8727\_5#70 8727\_5#71 15335\_5#80 8727\_5#73 8727\_5#74 8727\_5#75 8727\_5#76 8727\_5#77 8727\_5#78 8727\_5#79 8727\_5#80 8727\_5#81 8727\_5#82 8727\_5#83 8727\_5#84 8727\_5#85 8727\_5#86 8727\_5#87 8727\_5#88 15335\_6#50 8727\_5#90 8727\_5#91 8727\_5#92 15335\_5#35 15335\_2#43 17176\_1#82 15335\_4#44 15335\_4#13 17176\_1#39 17150\_8#77 8289\_2#25 15335\_5#8 17176\_1#69 17225\_2#7 17225\_2#9 15335\_4#33 17150\_8#88 17176\_1#34 15335\_4#12 17225\_3#18 17225\_3#43 17225\_3#44 17150\_8#43 15335\_5#2 15335\_5#3 17225\_3#72 17176\_1#37 17225\_3#73 15335\_4#15 17225\_3#45 17225\_3#76 17176\_1#63 15335\_4#20 15335\_4#21 17150\_8#74 17225\_3#47 17150\_8#76 17150\_8#78 17150\_8#1 17176\_1#44 17176\_1#45 17225\_3#83 17176\_1#46 17225\_3#88 17225\_3#90 15335\_2#9 15335\_2#12 17176\_1#68 17150\_8#4 17225\_2#8 15335\_2#11 8289\_2#29 15335\_4#38 17225\_3#8 15335\_3#16 17150\_8#81 17150\_8#15 17225\_3#34 15335\_4#28 15335\_4#29 15335\_4#30 15335\_4#32 15335\_4#45 17225\_3#54 17225\_3#36 17150\_8#67 17150\_8#87 17150\_8#90 17176\_1#74 17225\_3#11 17225\_3#61 17176\_1#59 17150\_8#37 15335\_4#11 15335\_3#52 15335\_2#83 17176\_1#1 17176\_1#2 17176\_1#3 17176\_1#76 17150\_8#44 15335\_3#27 15335\_3#28 15335\_3#29 17150\_8#71 17225\_3#67 17176\_1#36 17225\_3#68 15335\_5#5 15335\_4#16 15335\_4#17 15335\_4#18 15335\_4#73 15335\_3#30 15335\_4#81 15335\_3#31 15335\_3#32 15335\_2#87 15335\_4#6 15335\_4#7 15335\_7#25 15335\_7#52 17225\_3#74 17225\_3#75 17225\_3#77 17225\_3#78 15335\_5#90 15335\_5#91 15335\_3#34 15335\_2#90 15335\_2#92 15335\_2#93 15335\_2#95 17150\_8#73 15335\_4#35 15335\_3#36 15335\_7#16 15335\_7#45 17225\_3#3 17225\_3#4 17176\_1#90 17150\_8#45 15335\_6#56 15335\_7#56 17176\_1#41 15335\_4#82 17176\_1#64 17176\_1#65 17176\_1#66 17225\_3#7 15335\_5#32 15335\_3#37 15335\_3#55 15335\_7#14 15335\_7#32 17176\_1#7 17150\_8#75 15335\_3#56 15335\_3#2 15335\_3#3 15335\_3#4 15335\_3#5 15335\_4#24 15335\_3#12 15335\_4#42 15335\_3#39 15335\_3#40 17176\_1#91 17225\_3#49 17225\_3#84 17225\_3#87 17176\_1#48 17176\_1#49 15335\_4#25 15335\_2#8 15335\_3#15 15335\_4#83 15335\_3#6 15335\_3#7 15335\_3#8 15335\_3#9 15335\_2#5 17150\_8#47 15335\_4#78 15335\_7#26 15335\_7#38 15335\_7#36 15335\_7#57 15335\_7#34 17176\_1#67 17225\_3#25 17225\_3#26 17150\_8#24 17225\_2#1 17225\_2#2 17225\_2#3 17225\_2#4 17225\_2#6 15335\_4#26 15335\_2#10 15335\_5#13 15335\_5#14 15335\_5#15 15335\_5#16 15335\_6#81 15335\_3#80 15335\_7#7 17176\_1#8 15335\_6#90 17176\_1#9 15335\_3#46 15335\_3#81 15335\_3#83 15335\_3#84 17176\_1#11 17176\_1#13 17225\_2#10 15335\_4#41 15335\_7#8 15335\_3#63 15335\_7#58 17176\_1#84 17150\_8#9 17225\_3#30 17176\_1#57 17150\_8#53 17225\_2#11 15335\_5#22 15335\_2#59 15335\_4#43 15335\_6#49 15335\_3#65 15335\_3#49 15335\_3#51 15335\_3#66 15335\_3#85 15335\_3#86 15335\_6#82 15335\_3#89 15335\_3#90 15335\_6#86 17176\_1#15 15335\_7#54 17176\_1#19 17150\_8#12 15335\_5#23 15335\_5#40 15335\_3#67 15335\_3#68 15335\_4#85 15335\_4#87 15335\_3#70 15335\_4#88 15335\_3#91 15335\_3#93 15335\_7#24 15335\_6#92 17176\_1#21 15335\_7#30 15335\_7#37 15335\_7#53 15335\_3#94 8289\_2#48 17150\_8#57 15335\_4#80 15335\_4#89 15335\_3#72 15335\_4#91 15335\_7#19 15335\_6#53 15335\_6#14 15335\_3#95 15335\_4#1 17225\_2#13 17150\_8#58 17225\_2#15 15335\_5#24 15335\_3#74 15335\_4#3 15335\_4#4 15335\_7#50 17150\_8#22 17150\_8#62 17150\_8#84 17176\_1#71 17150\_8#85 17150\_8#86 17150\_8#33 17225\_3#53 17150\_8#63 17150\_8#64 17150\_8#65 17150\_8#66 15335\_5#31 15335\_5#43 15335\_6#20 15335\_6#19 15335\_6#9 15335\_6#5 15335\_4#95 15335\_6#7 15335\_7#33 17225\_3#55 17225\_3#56 17225\_3#37 17176\_1#18 15335\_7#23 17176\_1#32 17150\_8#69 17150\_8#89 17225\_3#38 17225\_3#39 17225\_3#41 17225\_3#57 17225\_3#58 17225\_3#59 17225\_3#60 17225\_3#62 17225\_3#63 17176\_1#58 17176\_1#86 17150\_8#38 17225\_3#64 17150\_8#39 17150\_8#40 15335\_3#11 15335\_3#23 15335\_6#83 15335\_2#84 17176\_1#60 17150\_8#41 15335\_3#25 15335\_3#26 15335\_7#12 15335\_2#85 15335\_2#86 15335\_4#5 17176\_1#4 17225\_3#69 15335\_4#19 15335\_5#89 15335\_2#30 15335\_3#54 15335\_2#88 15335\_7#27 15335\_7#42 15335\_7#35 15335\_7#43 17176\_1#81 17176\_1#89 15335\_2#6 15335\_5#6 17150\_8#72 17225\_3#81 15335\_2#91 15335\_2#94 17225\_3#46 15335\_7#15 15335\_7#48 17225\_3#6 17225\_3#19 17225\_3#20 17225\_3#21 17225\_3#22 17225\_3#23 17176\_1#27 17176\_1#28 17176\_1#5 15335\_5#7 15335\_4#36 15335\_7#28 17150\_8#23 17225\_3#82 15335\_5#9 15335\_4#37 15335\_3#57 15335\_3#41 15335\_3#44 17150\_8#79 15335\_5#34 17225\_3#85 17225\_3#86 17176\_1#47 17225\_3#89 15335\_5#11 15335\_6#61 15335\_3#58 15335\_7#22 17150\_8#3 17176\_1#50 17225\_3#91 15335\_5#12 15335\_4#76 8289\_2#61 15335\_4#77 15335\_7#29 17225\_3#24 17150\_8#5 15335\_6#71 15335\_3#79 17176\_1#10 15335\_5#17 15335\_5#36 15335\_7#11 17176\_1#12 17150\_8#80 17225\_3#9 17225\_3#27 17150\_8#7 17150\_8#8 17150\_8#25 17150\_8#26 17150\_8#27 17150\_8#28 17150\_8#49 17150\_8#50 15335\_5#18 15335\_3#13 15335\_5#37 15841\_6#73 15335\_5#39 15335\_6#51 15335\_7#10 15335\_3#47 15335\_3#48 15335\_3#64 15335\_6#78 15335\_4#8 15335\_6#94 15335\_6#95 17225\_3#31 17150\_8#11 17150\_8#31 17225\_3#51 17150\_8#51 17150\_8#54 17225\_2#12 15335\_4#27 15335\_5#81 15335\_6#48 15335\_3#50 15335\_6#76 15335\_3#87 15335\_6#85 15335\_6#93 15335\_7#4 17225\_3#32 17225\_3#33 17150\_8#56 15335\_4#75 15335\_6#66 15335\_3#69 15335\_3#92 17176\_1#22 15335\_6#91 15335\_7#18 15335\_7#39 17150\_8#14 15335\_5#41 15335\_3#71 15335\_6#70 15335\_6#55 15335\_4#2 15335\_4#9 17176\_1#23 15335\_7#6 17150\_8#17 17150\_8#19 17150\_8#20 17225\_2#14 17150\_8#59 17225\_2#16 17150\_8#60 17150\_8#61 15335\_5#29 15335\_4#31 15335\_6#52 15335\_6#47 15335\_7#9 15335\_6#67 15335\_4#92 15335\_6#16 15335\_4#93 15335\_6#57 15335\_3#78 15335\_6#72 17176\_1#70 17150\_8#83 17225\_3#35 17225\_3#52 15335\_6#45 15335\_6#54 15335\_4#94 17176\_1#72 17150\_8#34 17150\_8#35 15335\_5#30 15335\_4#34 15335\_6#13 15335\_6#18 15335\_6#12 15335\_6#8 17150\_8#68 17225\_3#12 17225\_3#40 17225\_3#42 15335\_6#74 17225\_3#1 17225\_3#13 15335\_5#88 17176\_1#75 17176\_1#87 17150\_8#42 17225\_3#70 15335\_3#53 15335\_3#33 15335\_2#89 15335\_7#31 17176\_1#61 17176\_1#62 17176\_1#78 17176\_1#88 17225\_3#80 15335\_3#35 15335\_3#1 17225\_3#5 15335\_5#92 15335\_5#93 15335\_5#94 15335\_7#17 17176\_1#6 17176\_1#29 17176\_1#30 17176\_1#31 15335\_6#73 15335\_4#23 15335\_5#10 15335\_5#33 15335\_3#42 15335\_3#43 15335\_3#14 15335\_3#45 15335\_3#10 15335\_7#55 17225\_2#5 17176\_1#55 15335\_5#79 15335\_2#15 15335\_3#59 15335\_7#49 17150\_8#6 15335\_3#60 15335\_3#61 15335\_3#82 15335\_6#87 17225\_3#28 17225\_3#50 17150\_8#29 17150\_8#30 17176\_1#56 15335\_5#19 16043\_2#27 15335\_5#38 15335\_3#62 15335\_6#89 17176\_1#14 17150\_8#10 17150\_8#52 17150\_8#55 15335\_5#20 15335\_5#21 15335\_3#88 17176\_1#16 17176\_1#17 15335\_7#44 15335\_7#40 15335\_7#51 15335\_7#41 15335\_3#73 17150\_8#82 17150\_8#16 17150\_8#18 17150\_8#21 17150\_8#32 15335\_5#25 15335\_5#26 15335\_5#27 15335\_5#28 15335\_6#59 15335\_6#15 15335\_3#75 15335\_6#62 15335\_3#76 15335\_3#77 15335\_6#63 15335\_4#10 17176\_1#73 17225\_3#10 15335\_6#17 15335\_6#6 15335\_6#4 15335\_6#3 15335\_6#10 17176\_1#33 15335\_5#87 15335\_6#64 15335\_6#77 15335\_5#1 17225\_3#14 17225\_3#65 17225\_3#66 17176\_1#26 15335\_5#4 17176\_1#77 17176\_1#79 17176\_1#80 15335\_6#69 15335\_6#84 15335\_7#20 15335\_5#77 15335\_4#59 15335\_6#75 15335\_7#47 17150\_8#2 17150\_8#46 15335\_4#66 15335\_4#84 17150\_8#48 15335\_4#74 17176\_1#83 17225\_3#29 15335\_5#82 15335\_6#44 15335\_7#13 15335\_7#2 15335\_5#83 15335\_4#86 15335\_6#65 16043\_2#16 17150\_8#13 15335\_4#90 15335\_6#60 15335\_6#58 15335\_7#1 16043\_2#17 15335\_2#19 15335\_2#72 15335\_2#52 15335\_2#55 17150\_8#91 17225\_3#16 17225\_3#17 15335\_2#81 16043\_2#20 17150\_8#70 15335\_7#86 15335\_2#58 15335\_6#33 15335\_7#91 15335\_2#48 15335\_2#56 15335\_2#31 15335\_2#71 15335\_2#40 15335\_2#41 15335\_2#34 15335\_2#82 15335\_2#3 15335\_7#3 15335\_7#74 16228\_1#90 15335\_2#35 15335\_6#38 15335\_6#43 15335\_7#72 15335\_7#76 15335\_7#82 15335\_6#37 15335\_2#47 15335\_7#88 16228\_1#91 15335\_7#84 15335\_7#79 16228\_1#89 16228\_1#88 15335\_6#68 16043\_2#2 15335\_2#4 16043\_2#18 15335\_2#50 15335\_2#32 15335\_2#16 15335\_7#95 16043\_2#11 15335\_7#83 15335\_7#73 15335\_2#53 16043\_2#12 15335\_2#66 15335\_2#57 15335\_2#79 15335\_2#74 15335\_7#60 17176\_1#24 15335\_2#17 15335\_6#21 15335\_2#37 15335\_7#66 15335\_7#46 15335\_6#34 15335\_6#42 15335\_2#33 16228\_1#94 15335\_2#51 15335\_2#21 15335\_7#71 15335\_2#49 15335\_2#62 15335\_2#80 15335\_2#78 15335\_7#75 15335\_7#78 15335\_2#61 15335\_7#64 15335\_2#77 16228\_1#93 15335\_6#40 15335\_2#38 15335\_2#18 15335\_7#85 15335\_7#68 15335\_7#62 15335\_7#70 16043\_2#8 16043\_2#7 16043\_2#3 15335\_6#29 15335\_6#35 15335\_6#30 15335\_7#94 15335\_6#31 16043\_2#14 15335\_7#81 15335\_2#63 15335\_2#46 15335\_2#42 15335\_2#1 16043\_2#10 15335\_6#22 16043\_2#5 15335\_7#89 15335\_6#32 15335\_7#77 15335\_6#26 15335\_7#90 15335\_6#25 15335\_6#36 15335\_6#39 16228\_1#92 16043\_2#4 15335\_6#28 15335\_6#41 16043\_2#22 15335\_2#60 16043\_2#23 15335\_2#2 15335\_2#64 15335\_2#67 15335\_2#45 15335\_2#44 15335\_2#65 15335\_7#65 15335\_7#63 15335\_2#75 15335\_2#68 15335\_7#67 16043\_2#13 15335\_6#27 16043\_2#1 16043\_2#9 15335\_2#73 15335\_2#54 15335\_2#69 15335\_7#93 15335\_7#69 15335\_6#24 16228\_1#87 16043\_2#6 16228\_1#95 15335\_7#92 15335\_2#36 15335\_2#70 15335\_7#59 15335\_7#61 15335\_6#88 15335\_2#76 16043\_2#15 15335\_6#23 16043\_2#21 15335\_2#20 15335\_7#80 15335\_7#87 15335\_4#46 15335\_5#44 15335\_5#45 15335\_5#46 15335\_4#47 15335\_5#47 15335\_2#26 15335\_4#48 15335\_2#13 15335\_5#69 15335\_5#48 15335\_2#23 15335\_4#49 15335\_4#50 15335\_4#51 15335\_4#52 16043\_2#24 15335\_2#25 15335\_2#24 15335\_5#49 16043\_2#29 15335\_2#14 15335\_4#70 15335\_5#50 15335\_2#22 15335\_4#55 15335\_4#56 15335\_4#57 15335\_5#52 15335\_4#58 16043\_2#25 15335\_4#60 15335\_5#53 15335\_4#61 15335\_4#62 15335\_5#54 15335\_4#63 15335\_4#64 15335\_4#65 15335\_2#28 15335\_3#17 15335\_5#55 15335\_5#56 15335\_2#27 16043\_2#26 15335\_5#70 15335\_5#71 15335\_3#18 15335\_5#57 15335\_5#58 15335\_5#72 15335\_5#73 15335\_5#59 15335\_5#60 15335\_5#61 15335\_3#22 15335\_5#62 15335\_5#63 15335\_3#19 15335\_4#71 15335\_2#29 15335\_5#74 15335\_6#2 15335\_4#72 15335\_4#67 15335\_4#68 15335\_5#64 15335\_5#65 15335\_5#66 15335\_4#69 15335\_5#67 15335\_5#68 15335\_6#1 15335\_3#20 15335\_3#21 15335\_5#78 17225\_3#71 15335\_2#39 17176\_1#43 17176\_1#40 17176\_1#42 17176\_1#51 2 7 43 71 2425 3001 3020 3828 3831 3839 3842 3861 3862 3863 3868 3877 3879 11004 11027 11068 11078 11143 121470 09\_008 09\_023 09\_033 09\_048 09\_060 09\_062 09\_063 09\_145 10\_009 10\_010 10\_026 10\_030 10\_062 10\_065 10\_070 10\_083 10\_159 10\_167 11\_003 11\_005 11\_011 11\_020 11\_110 11\_135 11\_24 11\_27 11\_40 11\_77 12\_018 12\_044 12\_046 12\_048 12\_050 12\_070 12\_079 12\_16 12\_21 12\_38 12\_89 13\_015 13\_031\_4 13\_034\_4 13\_060\_4 13\_3 13\_5 13\_777 I12\_018 10356\_1#13 10356\_1#14 10356\_1#20 10625\_6#11 10625\_6#20 10625\_6#31 10900\_8#46 10900\_8#47 11791\_8#1 11792\_4#25 11792\_4#89 11792\_4#90 12\_395 A8806\_S4\_L001 17176\_1#52 17176\_1#54 17176\_1#53 17176\_1#85 17176\_1#38 8727\_8#37 8727\_8#44 8727\_8#52 8727\_8#58 8727\_8#63 8727\_5#72 8727\_5#89 SRR5827254 SRR5827255 SRR5827256 SRR5827257 SRR5827258 SRR5827259 SRR5827260 SRR5827261 SRR5827252 SRR5827253 SRR5827047 SRR5827048 SRR5827049 SRR5827050 SRR5827043 SRR5827044 SRR5827045 SRR5827046 SRR5827041 SRR5827042 SRR5827151 SRR5827150 SRR5827153 SRR5827152 SRR5827155 SRR5827154 SRR5827157 SRR5827156 SRR5827149 SRR5827148 SRR5827278 SRR5827279 SRR5827276 SRR5827277 SRR5827282 SRR5827283 SRR5827280 SRR5827281 SRR5827274 SRR5827275 SRR5827313 SRR5827312 SRR5827311 SRR5827310 SRR5827309 SRR5827308 SRR5827307 SRR5827306 SRR5827305 SRR5827304 SRR5827411 SRR5827412 SRR5827413 SRR5827414 SRR5827415 SRR5827018 SRR5827019 SRR5827020 SRR5827409 SRR5827410 SRR5827122 SRR5827121 SRR5827124 SRR5827123 SRR5827118 SRR5827117 SRR5827120 SRR5827119 SRR5827126 SRR5827125 SRR5827238 SRR5827239 SRR5827236 SRR5827237 SRR5827234 SRR5827235 SRR5827232 SRR5827233 SRR5827240 SRR5827241 SRR5827183 SRR5827182 SRR5827181 SRR5827180 SRR5827187 SRR5827186 SRR5827147 SRR5827174 SRR5827177 SRR5827176 SRR5827324 SRR5827069 SRR5827070 SRR5827071 SRR5827051 SRR5827052 SRR5827262 SRR5827230 SRR5827074 SRR5827075 SRR5827247 SRR5827246 SRR5827245 SRR5827244 SRR5827251 SRR5827250 SRR5827249 SRR5827248 SRR5827243 SRR5827242 SRR5827133 SRR5827134 SRR5827135 SRR5827136 SRR5827129 SRR5827130 SRR5827131 SRR5827132 SRR5827127 SRR5827128 SRR5827058 SRR5827057 SRR5827060 SRR5827059 SRR5827054 SRR5827175 SRR5827056 SRR5827055 SRR5827066 SRR5827065 SRR5827359 SRR5827360 SRR5827357 SRR5827358 SRR5827355 SRR5827356 SRR5827353 SRR5827354 SRR5827361 SRR5827362 SRR5827293 SRR5827292 SRR5827291 SRR5827290 SRR5827289 SRR5827288 SRR5827287 SRR5827286 SRR5827285 SRR5827284 SRR5827158 SRR5827159 SRR5827160 SRR5827161 SRR5827162 SRR5827163 SRR5827164 SRR5827165 SRR5827166 SRR5827167 SRR5827094 SRR5827093 SRR5827096 SRR5827095 SRR5827098 SRR5827097 SRR5827100 SRR5827099 SRR5827092 SRR5827091 SRR5827387 SRR5827388 SRR5827385 SRR5827386 SRR5827391 SRR5827392 SRR5827389 SRR5827390 SRR5827383 SRR5827384 SRR5827328 SRR5827327 SRR5827326 SRR5827325 SRR5827332 SRR5827331 SRR5827330 SRR5827329 SRR5827336 SRR5827335 SRR5827207 SRR5827208 SRR5827209 SRR5827352 SRR5827203 SRR5827204 SRR5827205 SRR5827206 SRR5827363 SRR5827364 SRR5827101 SRR5827102 SRR5827086 SRR5827087 SRR5827105 SRR5827106 SRR5827107 SRR5827108 SRR5827109 SRR5827110 SRR5827218 SRR5827217 SRR5827216 SRR5827215 SRR5827214 SRR5827213 SRR5827212 SRR5827211 SRR5827210 SRR5827351 SRR5827229 SRR5827231 SRR5827333 SRR5827334 SRR5827339 SRR5827340 SRR5827337 SRR5827338 SRR5827200 SRR5827202 SRR5827024 SRR5827023 SRR5827026 SRR5827025 SRR5827028 SRR5827027 SRR5827030 SRR5827029 SRR5827022 SRR5827021 SRR5827184 SRR5827185 SRR5827067 SRR5827068 SRR5827061 SRR5827062 SRR5827063 SRR5827064 SRR5827178 SRR5827179 SRR5827169 SRR5827168 SRR5827073 SRR5827072 SRR5827173 SRR5827172 SRR5827171 SRR5827170 SRR5827273 SRR5827053 SRR5827300 SRR5827301 SRR5827298 SRR5827299 SRR5827296 SRR5827297 SRR5827294 SRR5827295 SRR5827302 SRR5827303 SRR5827199 SRR5827198 SRR5827400 SRR5827399 SRR5827394 SRR5827393 SRR5827396 SRR5827395 SRR5827088 SRR5827405 SRR5827190 SRR5827191 SRR5827192 SRR5827193 SRR5827194 SRR5827195 SRR5827196 SRR5827197 SRR5827188 SRR5827189 SRR5827321 SRR5827320 SRR5827319 SRR5827318 SRR5827317 SRR5827316 SRR5827315 SRR5827314 SRR5827323 SRR5827322 SRR5827376 SRR5827375 SRR5827378 SRR5827377 SRR5827380 SRR5827379 SRR5827382 SRR5827381 SRR5827374 SRR5827373 SRR5827267 SRR5827268 SRR5827265 SRR5827266 SRR5827271 SRR5827272 SRR5827269 SRR5827270 SRR5827263 SRR5827264 SRR5827146 SRR5827145 SRR5827144 SRR5827143 SRR5827142 SRR5827141 SRR5827140 SRR5827139 SRR5827138 SRR5827137 SRR5827031 SRR5827032 SRR5827033 SRR5827034 SRR5827035 SRR5827036 SRR5827037 SRR5827038 SRR5827039 SRR5827040 SRR5827346 SRR5827345 SRR5827348 SRR5827347 SRR5827342 SRR5827341 SRR5827344 SRR5827343 SRR5827350 SRR5827349 SRR5827225 SRR5827226 SRR5827223 SRR5827224 SRR5827221 SRR5827222 SRR5827219 SRR5827220 SRR5827227 SRR5827228 SRR5827112 SRR5827111 SRR5827090 SRR5827089 SRR5827116 SRR5827115 SRR5827114 SRR5827113 SRR5827104 SRR5827103 SRR5827201 SRR5827406 SRR5827407 SRR5827408 SRR5827401 SRR5827402 SRR5827403 SRR5827404 SRR5827397 SRR5827398 SRR5827077 SRR5827076 SRR5827079 SRR5827078 SRR5827081 SRR5827080 SRR5827083 SRR5827082 SRR5827085 SRR5827084 SRR5827367 SRR5827368 SRR5827365 SRR5827366 SRR5827371 SRR5827372 SRR5827369 SRR5827370 ERR2172254 ERR2172255 ERR2172256 ERR2172257 ERR2172258 ERR2172259 ERR2172260 ERR2172261 ERR2172262 ERR2172263 ERR2172264 ERR2172265 ERR2172266 ERR2172267 ERR2172268 ERR2172269 ERR2172270 ERR2172271 ERR2172272 ERR2172273 ERR2172274 ERR2172275 ERR2172276 ERR2172277 ERR2172278 ERR2172279 ERR2172280 ERR2172281 ERR2172282 ERR2172283 ERR2172284 ERR2172285 ERR2172286 ERR2172287 ERR2172288 ERR2172289 ERR2172290 ERR2172291 ERR2172292 ERR2172293 ERR2172294 ERR2172295 ERR2172296 ERR2172297 ERR2172298 ERR2172299 ERR2172300 ERR2172301 ERR2172302 ERR2172303 ERR2172304 ERR2172305 ERR2172306 ERR2172307 ERR2172308 ERR2172309 ERR2172310 ERR2172311 ERR2172312 ERR2172313 ERR2172314 ERR2172315 ERR2172316 ERR2172317 ERR2172318 ERR2172319 ERR2172320 ERR2172321 ERR2172322 ERR2172323 ERR2172324 ERR2172325 ERR2172326 ERR2172327 ERR2172328 ERR2172329 ERR2172330 ERR2172331 ERR2172332 ERR2172333 ERR2172334 ERR2172335 ERR2172336 ERR2172337 ERR2172338 ERR2172339 ERR2172340 ERR2172341 ERR2172342 ERR2172343 ERR2172344 ERR2172345 ERR2172346 ERR2172347 ERR2172348 ERR2172349 ERR2172350 ERR2172351 ERR2172352 ERR2172353 ERR2172354

ACGTTTATGCCGTTATCGATCCGATAGCCGGT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0

CATCTGCACCCTGTCGGCACTCGCCGCCTGAACCACCCCGTCCGGACAAGG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

CACAAAACTCGTTTCCTGCTCCGAAATGGGCGA,GTAAGGGCTTTCTTAAATTTGATTAAAGGTCGTCTGAA,AACCGAAACCGACCGCGCCGTCGAATATCAGGCGGTCGCACCGGAAGTACG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

AAATCTTCCGCTTTAATCCATTTGCCGTCCGA 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

AAACCTGCCGCAGCCGGCGCATCTTTGGGCGGCGGTCTGGAC,AACGTGGTGTACCAAACCCGCCGTTTCGACCGTTATAAAGAA 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0