

SHRprom

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | AAG | AAG | CAG | AGC | GTG | GGG | TTT | CTT | CTA | ATA | ATT | GTA | GAA | GAA | ACT |
| | TTC | TTC | GTC | TCG | CAC | CCC | AAA | GAA | GAT | TAT | TAA | CAT | CTT | CTT | TGA |
| 46 | GAT | CAT | GAG | AAC | ATT | TGA | TCT | ACC | AGA | GAT | GGT | GAT | GAC | TCA | TAA |
| | CTA | GTA | CTC | TTG | TAA | ACT | AGA | TGG | TCT | CTA | CCA | CTA | CTG | AGT | ATT |
| 91 | GAT | GTA | AAT | ATC | TAC | TGC | ATT | ATG | TCT | AGC | CTA | GGC | TAT | AAT | GTA |
| | CTA | CAT | TTA | TAG | ATG | ACG | TAA | TAC | AGA | TCG | GAT | CCG | ATA | TTA | CAT |
| 136 | GAT | TTG | ATC | ACT | TTC | TTC | ATT | AAT | TAG | TTT | GGA | ATT | TTA | GCA | TGA |
| | CTA | AAC | TAG | TGA | AAG | AAG | TAA | TTA | ATC | AAA | CCT | TAA | AAT | CGT | ACT |
| 181 | TAT | AGC | ATA | TAT | CTA | AAT | ATG | TCC | GAA | ACT | TTC | CTA | CAT | ACT | AGA |
| | ATA | TCG | TAT | ATA | GAT | TTA | TAC | AGG | CTT | TGA | AAG | GAT | GTA | TGA | TCT |
| 226 | AAA | TAT | GGA | GAG | TTA | TGT | AAT | GTA | GGT | TTG | CTT | GTT | AAT | ATA | CAA |
| | TTT | ATA | CCT | CTC | AAT | ACA | TTA | CAT | CCA | AAC | GAA | CAA | TTA | TAT | GTT |
| 271 | AAT | AAC | ATC | ATC | ATT | TAG | TTT | TTA | GAT | TTT | TTA | TTT | TAT | TTT | TTA |
| | TTA | TTG | TAG | TAG | TAA | ATC | AAA | AAT | CTA | AAA | AAT | AAA | ATA | AAA | AAT |
| 316 | TAA | TGG | TGC | TAC | GTA | CGT | GGC | GAT | CAA | ATT | ATT | CCA | ATT | TTG | AGA |
| | ATT | ACC | ACG | ATG | CAT | GCA | CCG | CTA | GTT | TAA | TAA | GGT | TAA | AAC | TCT |
| 361 | CTT | CGG | GAT | TTT | AAA | CGA | AAT | TAA | ACA | ATG | GGC | ATG | AGC | TCG | GGG |
| | GAA | GCC | CTA | AAA | TTT | GCT | TTA | ATT | TGT | TAC | CCG | TAC | TCG | AGC | CCC |
| 406 | GGA | TAG | ACA | AGA | TTA | ATG | CTT | TGT | ATC | GAG | ACA | AAC | GAG | AAA | ATC |
| | CCT | ATC | TGT | TCT | AAT | TAC | GAA | ACA | TAG | CTC | TGT | TTG | CTC | TTT | TAG |
| 451 | ATG | ATG | AGC | CTA | TGC | ATT | AAG | TGC | CGT | TGG | TTA | ATT | AGA | GGT | TCG |
| | TAC | TAC | TCG | GAT | ACG | TAA | TTC | ACG | GCA | ACC | AAT | TAA | TCT | CCA | AGC |
| 496 | CAT | ATA | CAT | AAA | CCA | GTA | GAC | ATA | TGG | ATA | AAT | ATG | AAC | ACA | CAC |
| | GTA | TAT | GTA | TTT | GGT | CAT | CTG | TAT | ACC | TAT | TTA | TAC | TTG | TGT | GTG |
| 541 | ACC | AAA | AAA | GTG | GGA | AAT | CTA | AAT | AAG | TGT | AGA | GAA | TAA | TAA | GTC |
| | TGG | TTT | TTT | CAC | CCT | TTA | GAT | TTA | TTC | ACA | TCT | CTT | ATT | ATT | CAG |
| 586 | CTC | AGG | TGG | GAG | ATT | CAA | AGA | GAG | GAC | AAT | GAA | GGG | TAT | ATA | GAC |
| | GAG | TCC | ACC | CTC | TAA | GTT | TCT | CTC | CTG | TTA | CTT | CCC | ATA | TAT | CTG |
| 631 | TCT | AAA | CAA | AAA | TGG | CAT | GAC | TTA | GTG | GAG | AGG | GTT | TTA | AAT | TGA |
| | AGA | TTT | GTT | TTT | ACC | GTA | CTG | AAT | CAC | CTC | TCC | CAA | AAT | TTA | ACT |
| 676 | AAC | AAG | TAG | GAT | TGA | AGA | ACA | AGA | AAA | CAA | AGA | AGC | ATG | CCC | TAG |
| | TTG | TTC | ATC | CTA | ACT | TCT | TGT | TCT | TTT | GTT | TCT | TCG | TAC | GGG | ATC |
| 721 | ATT | TCT | GAG | ATA | ATA | ATT | ACA | CAT | TGC | TGT | TTA | TAT | AAG | GTA | AGA |
| | TAA | AGA | CTC | TAT | TAT | TAA | TGT | GTA | ACG | ACA | AAT | ATA | TTC | CAT | TCT |
| 766 | GAA | TAT | GAC | ACA | TTG | GTT | GGT | TTC | TTA | CGG | GTA | AAT | GTG | AAG | AAA |
| | CTT | ATA | CTG | TGT | AAC | CAA | CCA | AAG | AAT | GCC | CAT | TTA | CAC | TTC | TTT |
| 811 | AAA | AAA | TAG | TAA | TAT | TTG | AGA | AAA | TCT | AAA | ATA | GTA | AAG | AGG | TAT |
| | TTT | TTT | ATC | ATT | ATA | AAC | TCT | TTT | AGA | TTT | TAT | CAT | TTC | TCC | ATA |
| 856 | ATA | TGG | AGA | AGA | AGA | GAG | AAA | AGG | GAA | AAA | TAG | TGG | CAG | AGA | ATG |
| | TAT | ACC | TCT | TCT | TCT | CTC | TTT | TCC | CTT | TTT | ATC | ACC | GTC | TCT | TAC |
| 901 | GAG | AGA | GGT | TAG | GAG | GCA | AAG | GCA | AAT | GTG | GAG | CTT | TGA | TGA | TGT |
| | CTC | TCT | CCA | ATC | CTC | CGT | TTC | CGT | TTA | CAC | CTC | GAA | ACT | ACT | ACA |
| 946 | TGA | TGC | ACG | CCG | TCA | GCT | TTT | CTT | CAC | GCC | TGC | TCC | CAC | TCA | CTC |
| | ACT | ACG | TGC | GGC | AGT | CGA | AAA | GAA | GTG | CGG | ACG | AGG | GTG | AGT | GAG |
| 991 | ACA | CCT | ATG | AAC | ATT | CTC | TCT | CTA | TTT | TAT | AAT | TAT | ATT | CAC | ATG |
| | TGT | GGA | TAC | TTG | TAA | GAG | AGA | GAT | AAA | ATA | TTA | ATA | TAA | GTG | TAC |

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| 1036 | TCT CTA TGT TAC TAT GTA AAT GGT GAC CAC TTA AGT ATT TAT ATA AGA GAT ACA ATG ATA CAT TTA CCA CTG GTG AAT TCA TAA ATA TAT |
| 1081 | TCA TGT ATA TAT CTT ATA GGT ATC ATA CAA AAT GGT CAT GAA ACT AGT ACA TAT ATA GAA TAT CCA TAG TAT GTT TTA CCA GTA CTT TGA |
| 1126 | TTT GCA ATT TCA ATC TAC TTG TTC ATT GTA GAT GCT AGC TTT TCA AAA CGT TAA AGT TAG ATG AAC AAG TAA CAT CTA CGA TCG AAA AGT |
| 1171 | CAT GTT TTG AAA ATT AGT CTG GAT CTG AAA TTC TTT AAT TAG CAT GTA CAA AAC TTT TAA TCA GAC CTA GAC TTT AAG AAA TTA ATC GTA |
| 1216 | TGT TTT GTT GGT CAA CGT TTA ATT TCT TGA TTA TTG ATG TCA AAA ACA AAA CAA CCA GTT GCA AAT TAA AGA ACT AAT AAC TAC AGT TTT |
| 1261 | ATT CAG AGC GTT CAG AAC TCT TAC ACT AAT TTC TTA AAA ATA ATC TAA GTC TCG CAA GTC TTG AGA ATG TGA TTA AAG AAT TTT TAT TAG |
| 1306 | GAT TAA GAG AAA ATA GAG TTT TCA TGC ACC AGT GTT GAT AGT AAC CTA ATT CTC TTT TAT CTC AAA AGT ACG TGG TCA CAA CTA TCA TTG |
| 1351 | GTA GTC GCG GAA TGT CTA AAA CGA TTA TGA GTT TGG TGT TTT GAT CAT CAG CGC CTT ACA GAT TTT GCT AAT ACT CAA ACC ACA AAA CTA |
| 1396 | TGG TTA GAA TTG GTA TTA GTA GGA CAT TCT AAC TTT TTT GTT AGT ACC AAT CTT AAC CAT AAT CAT CCT GTA AGA TTG AAA AAA CAA TCA |
| 1441 | CTG TTG ATT TAG GAT GCG TAA AGA GTC TTT TTA TTT TAC ACC AGT GAC AAC TAA ATC CTA CGC ATT TCT CAG AAA AAT AAA ATG TGG TCA |
| 1486 | TGA GAC TTG GGA TCG ATA GTA CTT GAA ACA CTT GGT TGG TTT CAT ACT CTG AAC CCT AGC TAT CAT GAA CTT TGT GAA CCA ACC AAA GTA |
| 1531 | GTA TTT GGC CTA TAT ATA AAC AAA CAT CGT AAT TAT ATA CGG ATT CAT AAA CCG GAT ATA TAT TTG TTT GTA GCA TTA ATA TAT GCC TAA |
| 1576 | TTT TTC GGA ATT TTA CGC CAT ATC TGT AAG TAT ATA TAA CAT GCA AAA AAG CCT TAA AAT GCG GTA TAG ACA TTC ATA TAT ATT GTA CGT |
| 1621 | TGT CGT TTT CAA ATT CAT ATG ATG AAC GAT CCA CGT AAG TGC TAC ACA GCA AAA GTT TAA GTA TAC TAC TTG CTA GGT GCA TTC ACG ATG |
| 1666 | TAC TCC TAC AAT ATT GCA TGA GAG AGA TAT GTA TTT ATA AAT TTT ATG AGG ATG TTA TAA CGT ACT CTC TCT ATA CAT AAA TAT TTA AAA |
| 1711 | ATT TTG AAG AAG AAA TAA GAG GGA AGG TTA CTT GGG TGG ATC GAT TAA AAC TTC TTC TTT ATT CTC CCT TCC AAT GAA CCC ACC TAG CTA |
| 1756 | GTG AAA ACA AAA GAA GAA AAA GCG AAA CCC ACT AAG CCA TTA CAT CAC TTT TGT TTT CTT CTT TTT CGC TTT GGG TGA TTC GGT AAT GTA |
| 1801 | GAT ATC GAC CTT CTT ATC TTT TTC CTC TTT ATT TTA TTT TTC TCA CTA TAG CTG GAA GAA TAG AAA AAG GAG AAA TAA AAT AAA AAG AGT |
| 1846 | GGA CTT TTT TCT ACT TAA TGA AAC CTC CAA ACT ATC TAA CTA ATA CCT GAA AAA AGA TGA ATT ACT TTG GAG GTT TGA TAG ATT GAT TAT |
| 1891 | CAC TCC CAT GTA GAA TAA AGA AAA TTA TAT AAG ATA TTG TTG ATA GTG AGG GTA CAT CTT ATT TCT TTT AAT ATA TTC TAT AAC AAC TAT |
| 1936 | TTT TGT AAC TAG AAA ATA TAT TTG CTC TGT AAT TTT TCG TAA GTT AAA ACA TTG ATC TTT TAT ATA AAC GAG ACA TTA AAA AGC ATT CAA |

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| 1981 | AAA | TCA | ACA | TTT | TTC | AGT | AGA | AAC | AAA | TAT | TAC | TGC | AAA | AAG | TAG |
| | TTT | AGT | TGT | AAA | AAG | TCA | TCT | TTG | TTT | ATA | ATG | ACG | TTT | TTC | ATC |
| 2026 | GAT | CAT | TAT | TTT | TGT | CCA | AAA | TCT | CAG | TTA | GCT | ATA | GGG | TTG | TAG |
| | CTA | GTA | ATA | AAA | ACA | GGT | TTT | AGA | GTC | AAT | CGA | TAT | CCC | AAC | ATC |
| 2071 | TAA | AAA | CAA | AAC | ACA | TTC | TTG | ATT | TGC | CCC | AAA | AAA | TAA | AGA | GAG |
| | ATT | TTT | GTT | TTG | TGT | AAG | AAC | TAA | ACG | GGG | TTT | TTT | ATT | TCT | CTC |
| 2116 | AGA | AGA | ATA | TTG | TTC | AAA | AGT | GGT | CTC | TTC | TCT | CTC | TAA | TTA | TGT |
| | TCT | TCT | TAT | AAC | AAG | TTT | TCA | CCA | GAG | AAG | AGA | GAG | ATT | AAT | ACA |
| 2161 | TTT | CAC | TAA | ACC | CAA | TTA | GAT | TCA | AAC | AGT | CTA | CAA | AGT | CCA | AAA |
| | AAA | GTG | ATT | TGG | GTT | AAT | CTA | AGT | TTG | TCA | GAT | GTT | TCA | GGT | TTT |
| 2206 | GAT | AAA | CAT | GGG | ACA | ACA | ATT | CGA | TGC | AAA | AAA | TCC | TCT | TTT | CAT |
| | CTA | TTT | GTA | CCC | TGT | TGT | TAA | GCT | ACG | TTT | TTT | AGG | AGA | AAA | GTA |
| 2251 | GCT | CTT | TTT | TTA | TTC | TCT | AGT | CTT | TTA | AAT | TAC | TAA | TAA | AAA | CTC |
| | CGA | GAA | AAA | AAT | AAG | AGA | TCA | GAA | AAT | TTA | ATG | ATT | ATT | TTT | GAG |
| 2296 | ACA | AAT | CCA | CCA | AAC | CCA | TTC | TCT | ACA | ACT | CAC | CTT | CAT | CTA | GAT |
| | TGT | TTA | GGT | GGT | TTG | GGT | AAG | AGA | TGT | TGA | GTG | GAA | GTA | GAT | CTA |
| 2341 | TTA | CCC | ACT | CCC | ACC | GAG | AAA | CAC | AAG | AAA | AAA | AAT | ATA | CAT | ATA |
| | AAT | GGG | TGA | GGG | TGG | CTC | TTT | GTG | TTC | TTT | TTT | TTA | TAT | GTA | TAT |
| 2386 | TAA | ATA | TAC | AAG | ACA | ACA | CAT | GAT | GCT | GAT | GCA | ATA | TAC | ACA | ACA |
| | ATT | TAT | ATG | TTC | TGT | TGT | GTA | CTA | CGA | CTA | CGT | TAT | ATG | TGT | TGT |
| 2431 | AAG | TAT | TAA | ATC | TTA | GAT | ATT | GTG | GGT | CTC | CCT | TTC | TTC | TAT | TCA |
| | TTC | ATA | ATT | TAG | AAT | CTA | TAA | CAC | CCA | GAG | GGA | AAG | AAG | ATA | AGT |
| 2476 | TTT | TCT | TAT | TCA | TTA | AAA | AAA | AAA | A | | | | | | |
| | AAA | AGA | ATA | AGT | AAT | TTT | TTT | TTT | T | | | | | | |