

GG **AA** G **C** T G A G CACA T A GG CAG C T G G **AT** C TTA GTT CT CTT T G T GG CCAT G T GGA GTG **AC** G T C GG CCT C T G C TAG AAG CGA CC AAAA CC T G AGG A

GG **CT** G **C** T G A G CACA T A GG CAG C T G G **AT** C TTA GTT CT CTT T G T GG CCAT G T GGA GTG **AC** G T C GG CCT C G CAAG AAG CGA CC AAAA CC T G AGG A



GGATGGAACTGGGGGAGCCGATACCGGACAGGGAAGTCTTGAGGCAACCGCTATCCACCTCAGGAGGGGGTGTGCTGGGGTCAGCCCCATGGAG
GGATGGAACTGGGGGAGCCGATACCGGACAGGGAAGTCTTGAGGCAACCGCTATCCACCTCAGGAGGGGGTGTGCTGGGGTCAGCCCCATGGAG

GTGG CT GG GG CC AAC CT CA TGG AGG TGG CT GGG G TCAG CC CCA TGG TGG TGG CT GG GG ACAG CCA CATGG TG GTGG AGG CT TGGGG TCAGG GTGG TA CCC AC
GTGG CT GG GG CC AAC CT CA TGG AGG TGG CT GGG G TCAG CC CCA TGG TGG TGG CT GG GG ACAG CCA CATGG TG GTGG AGG CT TGGGG TCAGG GTGG TA CCC AC

AGTCA GTGG AACAA GCCCA GTAAACCAAAAA CCACA TGAAGCATG TGGCAGG AGC TGC TGCAGCTGG AGCAGTGG TAGGGGG CCTCGG TGG CTA CA TGC
AGTCA GTGG AACAA GCCCA GTAAACCAAAAA CCACA TGAAGCATG TGGCAGG AGC TGC TGCAGCTGG AGCAGTGG TAGGGGG CCTCGG TGG CTA CA TGC

TGGGAAGTGCCATGAGCAGGCCCTCTTATACATTTTGGCAATGACTATGAGGACCGTTACTATC GTGAAAACATGTACC GTTACCCCAACCAA GTGTACTATA
TGGGAAGTGCCATGAGCAGGCCCTCTTATACATTTTGGCAATGACTATGAGGACCGTTACTATC GTGAAAACATGTACC GTTACCCCAACCAA GTGTACTATA

CA GG CCA GTG GAT CAG TATAA TAA CCAG AA CACC TTT GTG CAT GAC TG TG T CAA CAT CAC AG TC AA GCAAC ACA CA GTC ACC ACC ACCA CC AA GGGGG AG
CA GG CCA GTG GAT CAG TATAA TAA CCAG AA CACC TTT GTG CAT GAC TG TG T CAA CAT CAC AG TC AA GCAAC ACA CA GTC ACC ACC ACCA CC AA GGGGG AG

AACTTC ACCG AAAC TG ACAT CAA GATGAT GGAGC GAGTTG TGGAGC AAAT GTGCATCACCCAG TACCAG AGAATCC GAGGC TTATTACCAAA GAGGGC

AA GTG TGA TCC T CTT C TC T CCC CT CT GTG ATC T CCT CAT CT CTT TCC TC AT TTT TCT CAT AGT A G ATAG GGG CT ACC T TCC TG CTT CA CT CAT GT TA CC
AA GTG TGA TCC T CTT C TC T CCC CT CT GTG ATC T CCT CAT CT CTT TCC TC AT TTT TCT CAT AGT A G ATAG GGG CG ACC T TCC TG CTT AC GT CAT GT TA CC

4