
SEQ ID NO: 1 1 MQEKDASSQGFLPHFQHFATQAIHVGQDPEQWTSRAVVFPISLSTTFKQGAFGQHSGFEYSRSGNPTRNCLEKAVAALDG 80
SEQ ID NO: 2 1 MQEKEASSQGFLPHFQHFATQAIHVGQEPEQWTSRAVVFPISPSVTFKQGAFGQHSGFVYSRSGNPTRNCLEKAVAALDG 80
SEQ ID NO: 3 1 MQEKDASSQGFLPHFQHFATQAIHVGQEPEQWTSRAVVFLISLSTTFKQAAFGQHSGFEYSRSGNPTRNCLEKAVAALDG 80
SEQ ID NO: 4 1 MQEKDASSQGFLPHFQHFATQAIHVGQDPEQWTSRALVFPISLSTTFKQGAFGQHSGFEYSRSGNPTRNCLEKAVAALDG 80
SEQ ID NO: 5 1 MQEKDASSQGFLPHFQHFATQAIHVGQDPEQWTSKALVFPISLSTTFKQGAFGQHSGFEYSRSGNPTRNCLEKAVAALDG 80
SEQ ID NO: 1 81 AKYCLAFASGLAATVTITHLLKAGDQIICMDDVYGGTNRYFRQVASEFGLKISFVDCSKIKLLEAAITPETKLVWIETPT 160
SEQ ID NO: 2 81 AKYCLAFASGLAATVTITHLLKAGDQIICMDDVYAGTNRYFRQVASEFGLKISFVDCSKIKLLEAAITPETKLVWIETPT 160
SEQ ID NO: 3 81 AKYCLAFASGLAATVTITHLLKAGDQIICMDDVYGGTNRYFRQVASEFGLKISFVDCSKIKLLEAAITPETKLVWIETPT 160
SEQ ID NO: 4 81 AKYCLAFASGLAATVTITHLLKAGDQIICMDDVYGGTNRYFRQVASEFGLKISFVDCSKIKLLEAAITPETKLVWIETPT 160
SEQ ID NO: 5 81 AKYCLAFASGLAATVTITHLLKAGDQIICMDDVYGGTNRYFRQVASEFGLKISFVDCSKIKLLEAAITPETKLVWIETPT 160
SEQ ID NO: 1 161 NPTQKVIDIEGCAHIVHKHGDIILVVDNTFMSPYFQRPLALGADISMYSATKYMNGHSDVVMGLVSVNCESLHNRLRFLQ 240
SEQ ID NO: 2 161 NPTQKMTDIEACAHIVHKHGDIILVVDNTFMSPYFQRPLALGADICMCSATKYMNGHSDVVMGLVSVNCESLYNRLRFLQ 240
SEQ ID NO: 3 161 NPVLKMIDIEACAHIVHKRGDIILVVDNTFMSPYFQRPLALGADICMCSATKYMNGHSDVVMGLVSVNCERLHNRLRFLQ 240
SEQ ID NO: 4 161 NPTQKVIDIEACAHIVHKHGDIILVVDNTFMSPYFQRPLALGADICMYSATKYMNGHSDVVMGLVSVNCRSLHNRLRFLQ 240
SEQ ID NO: 5 161 NPTQKVIDIEACAHIVHKHGDIILVVDNTFMSPYFQRPLALGADICMYSATKYMNGHSDVVIGLVSVNCESLHNRLRFLQ 240
SEQ ID NO: 1 241 NSLGAVPSPIDCYLCNRGLKTLHVRMEKHFKNGMAVAQFLESNPWVEKVIYPGLPSHPQHELVKRQCTGCTGMVTFYIKG 320
SEQ ID NO: 2 241 NSLGAVPSPIDCYLCNRGLKTLQVRMEKHFKNGMAVAQFLESNPWVEKVIYPGLPSHPQHELVKRQCTGCTGMVTFYIKG 320
SEQ ID NO: 3 241 NSLGAVPSPLDCYLCNRGLKTLHVRMEKHFKNGMAVAQFLESNPGVEKVIYPGLPSHPQHELANRQCTGCTGMITFYIKG 320
SEQ ID NO: 4 241 NSLGAVPSPIDCYLCNRGLKTLHVRMEKHFKNGMAVAQFLESNPWVEKVIYPGLPSHPQHELVKRQCTGCTGMVTFYING 320
SEQ ID NO: 5 241 NSLGAVPSPIDCYLCNRGLKTLHVRMEKHFKNGMAVAQFLESNPWVEKVIYPGLPSHPQHELVKRQCTGCTGMVTFYING 320
SEQ ID NO: 1 321 TLQHAEIFLKNLKLFTLAESLGGFESLAELPAIMTHASVLKNDRDVLGISDTLIRLSVGLEDEEDLLEDLDQALKAAHPP 400
SEQ ID NO: 2 321 TLQHAEIFLKNLKLFTLAESLGGFESLVELPAVMTHASVLKKDRDVLGISDTLIRLSVGLEDEEDLLEDLDQALKAAHPP 400
SEQ ID NO: 3 321 TLQHAEIFLKNLKLFTLAESLGGFESLVELPAIMTHASVPKNDRDVLGISDTLIRLSVGLEDEKDLLEDLDQALKAAHPP 400
SEQ ID NO: 4 321 TLQHAEIFLKNLKLFTLAESLGGFESLAELPAIMTHASVLKNDRDVLGISDTLIRLSVGLEDEEDLLEDLDQALKAAHPP 400
SEQ ID NO: 5 321 TLQHAEIFLKNLKLFTLAESLGGFESLAELPAIMTHASVLKNDRDVLGISDTLIRLSVGLEDEEDLLEDLDQALKAAHPP 400
SEQ ID NO: 1 401 SGSHS 405
SEQ ID NO: 2 401 SGSHS 405
SEQ ID NO: 3 401 SGSHN 405
SEQ ID NO: 4 401 SGSHS 405
SEQ ID NO: 5 401 SGSHS 405

FIG. 1