

clone X3	AAGTGCTTCCGGTCCATCCGCTCTGTTTCGCCGTGGCCAGGGGTGGACGTGGACGTGAGG -----CCGCTCTGTTTCGCCGTGGCCAGGGGTGGACGTGGACGTGAGG *****	60 43
clone X3	CCTCACAAGGCCACCCGCAACTCCTCGGAGGTCCC TGACCGTCTCTGCCGTCC TTGTTT CCTCACAAGGCCACCCGCAACTCCTCGGAGGTCCC TGACCGTCTCTGCCGTCC TTGTTT *****	120 103
clone X3	CCCTCAACTGCAGTCTTCCGAATCCTTGAAAAGTTC TCAGGACTCCAGTCC TTTCTTGCT CCCTCAACTGCAGTCTTCCGAATCCTTGAAAAGTTC TCAGGACTCCAGTCC TTTCTTGCT *****	180 163
clone X3	TTTCAGTTGGCCATTTTGACCAC TTCAATTT CAGAACTTAAATTCGGATAATTCCTCCTA TTTCAGTTGGCCATTTTGACCAC TTCAATTT CAGAACTTAAATTCGGATAATTCCTCCTA *****	240 223
clone X3	ATCGTTCCAATGCGCTCGAGGTCTCTGCACGAACTGCAGCTCTCATCCTCCACCGACTCA ATCGTTCCAATGCGCTCGAGGTCTCTGCACGAACTGCAGCTCTCATCCTCCACCGACTCA *****	300 283
clone X3	GGCAGCGTCTTTCCCTTTCAC TGAACAAAAGCCTGTTTCCGCGGCTTCCAAC TCTGCGCAG GGCAGCGTCTTTCCCTTTCAC TGAACAAAAGCCTGTTTCCGCGGCTTCCAAC TCTGCGCAG *****	360 343
clone X3	TGCCACACGCGCTGCCACCCACCCGTGCC TTCC TTTCTGTCAAGTCGACTCCC TCTT CACA TGCCACACGCGCTGCCACCCACCCGTGCC TTCC TTTCTGTCAAGTCGACTCCC TCTT CACA *****	420 403
clone X3	TGGCTCCCGCAGAAGCCTGTCAGTCAAGGAGGACCAGGAAGCCAGATCCCAGCAACCCCA TGGCTCCCGCAGAAGCCTGTCAGTCAAGGAGGACCAGGAAGCCAGATCCCAGCAACCCCA *****	480 463
clone X3	CGTCTCACACACTCCCGCTAAACACCACACAGAAAAC TTCAGGAAATCCAGCTGCC TCCC CGTCTCACACACTCCCGCTAAACACCACACAGAAAAC TTCAGGAAATCCAGCTGCC TCCC *****	540 523
clone X3	TTTCACACTGAAGAGCGGGAGCAGAGGACCCGCTTTGCTGACCC TGAGAAGCAGGACAGA TTTCACACTGAAGAGCGGGAGCAGAGGACCCGCTTTGCTGACCC TGAGAAGCAGGACAGA *****	600 583
clone X3	CCCCCAGGAGCAGATGAGCCATGAGCCAGCGGAAGGCGGCTGGACGCTGCGATGCC TCC CCCCCAGGAGCAGATGAGCCATGAGCCAGCGGAAGGCGGCTGGACGCTGCGATGCC TCC *****	660 643
clone X3	AGATTTGACAGATGAAAAAGTGAAGGCC TATCTTTCTCTCCACCC TCAGGTTTTAGATGA AGATTTGACAGATGAAAAAGTGAAGGCC TATCTTTCTCTCCACCC TCAGGTTTTAGATGA *****	720 703
clone X3	ATTTGTGTCTGAAAGCGTTAGTGCAGAGACTGTAGAAAAATGGCTGAAGCGGAAAAACAA ATTTGTGTCTGAAAGCGTTAGTGCAGAGACTGTAGAAAAATGGCTGAAGCGGAAAAACAA *****	780 763
clone X3	GAAGTCAGAAGATGAATCAGCTCC TAAGGAAGTCAGCAGGTATCAAGATACAAATATGCA GAAGTCAGAAGATGAATCAGCTCC TAAGGAAGTCAGCAGGTATCAAGATACAAATATGCA *****	840 823
clone X3	AGGAGTTGTGTATGAACTAAATAGCTATATAGAACAGCGGTTGGATACAGGAGGAGACAA AGGAGTTGTGTATGAACTAAATAGCTATATAGAACAGCGGTTGGATACAGGAGGAGACAA *****	900 883
clone X3	CCAGCTACTCCTCTATGAACTGAGCAGCATCATCAAAATCGCCACAAAAGCTGACGGATT CCAGCTACTCCTCTATGAACTGAGCAGCATCATCAAAATCGCCACAAAAGCTGACGGATT *****	960 943
clone X3	TGCACTGTATTTCC TTGGAGAGTGAATAACAGCCTTTGTGTGTTTATCCC GCCTGGAAT TGCACTGTATTTCC TTGGAGAGTGAATAACAGCCTTTGTGTGTTTATCCC GCCTGGAAT *****	1020 1003