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clone      GTCCCCAGCCCATGGCAGTTGGAATCTGTTGGAGGGCGGTTGGTCAGTCCTCGGCCTGAG 60
X5         GTCCCCA----- 8
          *****

clone      AGAGCTGGGCAGCGGGAGACTCTGCCGGTGTGTCTGCTTGGACTCCGGGTGGAGAGGAGG 120
X5         -----

clone      CCGTCTGAGGACTCGTGAGCAAGCCCTTGTCCCCAGATTTGACAGATGAAAAAGTGAAGG 180
X5         -----GATTTGACAGATGAAAAAGTGAAGG 205
          *****

clone      CCTATCTTTCTCTCCACCCCTCAGGTTTTAGATGAATTTGTGTCTGAAAGCGTTAGTGCAG 240
X5         CCTATCTTTCTCTCCACCCCTCAGGTTTTAGATGAATTTGTGTCTGAAAGCGTTAGTGCAG 265
          *****

clone      AGACTGTAGAAAAATGGCTGAAGCGGAAAAACAAGAAGTCAGAAGATGAATCAGCTCCTA 300
X5         AGACTGTAGAAAAATGGCTGAAGCGGAAAAACAAGAAGTCAGAAGATGAATCAGCTCCTA 325
          *****

clone      AGGAAGTCAGCAGGTATCAAGATACAAATATGCAAGGAGTTGTGTATGAAC TAAATAGCT 360
X5         AGGAAGTCAGCAGGTATCAAGATACAAATATGCAAGGAGTTGTGTATGAAC TAAATAGCT 385
          *****

clone      ATATAGAACAGCGGTTGGATACAGGAGGAGACAACCAGCTACTCCTCTATGAACTGAGCA 420
X5         ATATAGAACAGCGGTTGGATACAGGAGGAGACAACCAGCTACTCCTCTATGAACTGAGCA 445
          *****

clone      GCATCATCAAAATCGCCACAAAAGCTGACGGATTTGCACTGTATTTCC TTGGAGAGTGCA 480
X5         GCATCATCAAAATCGCCACAAAAGCTGACGGATTTGCACTGTATTTCC TTGGAGAGTGCA 505
          *****

clone      ATAACAGCCTTTGTGTGTTTATCCCGCCTGGAAT 514
X5         ATAACAGCCTTTGTGTGTTTATCCCGCCTGGAAT 539
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