> pTXB1-Tn5 clone#3, Raw sequence assembled from Fw and Rev reads

GngaaTTCCcTcTagaATaaTTTtGTTaaCTTtAaGaagGAGaTATACATATGATTACCaGTGCACTGCATCGTGCGGCGGATTGGGCGAAAAGCGTGTTTTCTAGTGCTGCGCTGGGTGATCCGCGTCGTACCGCGCGTCTGgtGAATGTTGCGGCGCAACTGGCCAAATATAGCGGCAAAAGCATTACCATTAGCAGCGAAGGCAGCAAAGCCATGCAGGAAGGCGCGTATCGTTTTATTCGTAATCCGAACGTGAGCGCGGAAGCGATTCGTAAAGCGGGTGCCATGCAGACCGTGAAACTGGCCCAGGAATTTCCGGAACTGCTGGCAATTGAAGATACCACCTCTCTGAGCTATCGTCATCAGGTGGCGGAAGAACTGGGCAAACTGGGTAGCATTCAGGATAAAAGCCGTGGTTGGTGGGTGCATAGCGTGCTGCTGCTGGAAGCGACCACCTTTCGTACCGTGGGCCTGCTGCATCAAGAATGGTGGATGCGTCCGGATGATCCGGCGGATGCGGATGAAAAAGAAAGCGGCAAATGGCTGGCCGCTGCTGCAACTTCGCGTCTGAGAATGGGCAGCATGATGAGCAACGTGATTGCGGTGTGCGATCGTGAAGCGGATATTCATGCGTATCTGCAAGATAAACTGGCCCATAACGAACGTTTTGTGGTGCGTAGCAAACATCCGCGTAAAGATGTGGAAAGCGGCCTGTATCTGTATGATCACCTGAnAAACCAGCCGGAACTGGGCGGCTATCAGATTAGCATTCCGCAGAAAGGCGTGGTGGATAAACGTGGCAAACGTAAAAACCGTCCGGCGCGTAAAGCGAGCCTGAGCCTGCGTAGCGGCCGTATTACCCTGAAACAGGGCAACATTACCCTGAACGCGGTGCTGGCCGAAGAAATTAATCCGCCGAAAGGCGAAACCCCGCTGAAATGGCTGCTGCTGACCAGCGAGCCGGTGGAAAGTCTGGCCCAAGCGCTGCGTGTGATTGATATTTATACCCATCGTTGGCGCATTGAAGAATTTCACAAAGCGTGGAAAACGGGTGCGGGTGCGGAACGTCAGCGTATGGAAGAACCGGATAACCTGGAACGTATGGTGAGCATTCTGAGCTTTGTGGCGGTGCGTCTGCTGCAACTGCGTGAATCTTTTACTCCGCCGCAAGCACTGCGTGCGCAGGGCCTGCTGAAAGAAGCGGAACACGTTGAAAGCCAGAGCGCGGAAACCGTGCTGACCCCGGATGAATGCCAACTGCTGGGCTATCTGGATAAAGGCAAACGCAAACGCAAAGAAAAAGCGGGCAGCCTGCAATGGGCGTATATGGCGATTGCGCGTCTGGGCGGCTTTATGGATAGCAAACGTACCGGCATTGCGAGCTGGGGTGCGCTGTGGGAAGGTTGGGAAGCGCTGCAAAGCAAACTGGATGGCTTTCTGGCCGCGAAAGACCTGATGGCGcagGGCATTAAAATCTGCATcacGGGAGATGCACtAGTTGCCCTACCCGAGGGCGAGTCGGTaCGCAtCGCCGAcaTcgTgccggntnc

Translation

gaattccctctagaataattttgttaactttaagaaggagatatacatatgattaccagt

 E F P L E - F C - L - E G D I H M I T S

gcactgcatcgtgcggcggattgggcgaaaagcgtgttttctagtgctgcgctgggtgat

 A L H R A A D W A K S V F S S A A L G D

ccgcgtcgtaccgcgcgtctggtgaatgttgcggcgcaactggccaaatatagcggcaaa

 P R R T A R L V N V A A Q L A K Y S G K

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 S I T I S S E G S K A M Q E G A Y R F I

cgtaatccgaacgtgagcgcggaagcgattcgtaaagcgggtgccatgcagaccgtgaaa

 R N P N V S A E A I R K A G A M Q T V K

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 L A Q E F P E L L A I E D T T S L S Y R

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 H Q V A E E L G K L G S I Q D K S R G W

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 W V H S V L L L E A T T F R T V G L L H

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 Q E W W M R P D D P A D A D E K E S G K

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 W L A A A A T S R L R M G S M M S N V I

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 A V C D R E A D I H A Y L Q D K L A H N

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 E R F V V R S K H P R K D V E S G L Y L

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 Y D H L X N Q P E L G G Y Q I S I P Q K

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 G V V D K R G K R K N R P A R K A S L S

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 L R S G R I T L K Q G N I T L N A V L A

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 E E I N P P K G E T P L K W L L L T S E

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 P V E S L A Q A L R V I D I Y T H R W R

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 I E E F H K A W K T G A G A E R Q R M E

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 E P D N L E R M V S I L S F V A V R L L

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 Q L R E S F T P P Q A L R A Q G L L K E

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 A E H V E S Q S A E T V L T P D E C Q L

ctgggctatctggataaaggcaaacgcaaacgcaaagaaaaagcgggcagcctgcaatgg

 L G Y L D K G K R K R K E K A G S L Q W

gcgtatatggcgattgcgcgtctgggcggctttatggatagcaaacgtaccggcattgcg

 A Y M A I A R L G G F M D S K R T G I A

agctggggtgcgctgtgggaaggttgggaagcgctgcaaagcaaactggatggctttctg

 S W G A L W E G W E A L Q S K L D G F L

gccgcgaaagacctgatggcgcagggcattaaaatctgcatcacgggagatgcactagtt

 A A K D L M A Q G I K I C I T G D A L V

gccctacccgagggcgagtcggtacgcatcgccgacatcgtgccggntnc

 A L P E G E S V R I A D I V P X X

EcoRI-XbaI-SpeI

gaaTTCCcTcTagaATaaTTTtGTTaaCTTtAaGaagGAGaTATACATATGATTACCaGTGCACTGCATCGTGCGGCGGATTGGGCGAAAAGCGTGTTTTCTAGTGCTGCGCTGGGTGATCCGCGTCGTACCGCGCGTCTGgtGAATGTTGCGGCGCAACTGGCCAAATATAGCGGCAAAAGCATTACCATTAGCAGCGAAGGCAGCAAAGCCATGCAGGAAGGCGCGTATCGTTTTATTCGTAATCCGAACGTGAGCGCGGAAGCGATTCGTAAAGCGGGTGCCATGCAGACCGTGAAACTGGCCCAGGAATTTCCGGAACTGCTGGCAATTGAAGATACCACCTCTCTGAGCTATCGTCATCAGGTGGCGGAAGAACTGGGCAAACTGGGTAGCATTCAGGATAAAAGCCGTGGTTGGTGGGTGCATAGCGTGCTGCTGCTGGAAGCGACCACCTTTCGTACCGTGGGCCTGCTGCATCAAGAATGGTGGATGCGTCCGGATGATCCGGCGGATGCGGATGAAAAAGAAAGCGGCAAATGGCTGGCCGCTGCTGCAACTTCGCGTCTGAGAATGGGCAGCATGATGAGCAACGTGATTGCGGTGTGCGATCGTGAAGCGGATATTCATGCGTATCTGCAAGATAAACTGGCCCATAACGAACGTTTTGTGGTGCGTAGCAAACATCCGCGTAAAGATGTGGAAAGCGGCCTGTATCTGTATGATCACCTGAnAAACCAGCCGGAACTGGGCGGCTATCAGATTAGCATTCCGCAGAAAGGCGTGGTGGATAAACGTGGCAAACGTAAAAACCGTCCGGCGCGTAAAGCGAGCCTGAGCCTGCGTAGCGGCCGTATTACCCTGAAACAGGGCAACATTACCCTGAACGCGGTGCTGGCCGAAGAAATTAATCCGCCGAAAGGCGAAACCCCGCTGAAATGGCTGCTGCTGACCAGCGAGCCGGTGGAAAGTCTGGCCCAAGCGCTGCGTGTGATTGATATTTATACCCATCGTTGGCGCATTGAAGAATTTCACAAAGCGTGGAAAACGGGTGCGGGTGCGGAACGTCAGCGTATGGAAGAACCGGATAACCTGGAACGTATGGTGAGCATTCTGAGCTTTGTGGCGGTGCGTCTGCTGCAACTGCGTGAATCTTTTACTCCGCCGCAAGCACTGCGTGCGCAGGGCCTGCTGAAAGAAGCGGAACACGTTGAAAGCCAGAGCGCGGAAACCGTGCTGACCCCGGATGAATGCCAACTGCTGGGCTATCTGGATAAAGGCAAACGCAAACGCAAAGAAAAAGCGGGCAGCCTGCAATGGGCGTATATGGCGATTGCGCGTCTGGGCGGCTTTATGGATAGCAAACGTACCGGCATTGCGAGCTGGGGTGCGCTGTGGGAAGGTTGGGAAGCGCTGCAAAGCAAACTGGATGGCTTTCTGGCCGCGAAAGACCTGATGGCGcagGGCATTAAAATCTGCATcacGGGAGATGCACtAGTTGCCCTACCCGAGGGCGAGTCGGTaCGCAtCGCCGAcaTcgTgccgg