

CodonCode Aligner: AE128I, AE128I_HVR

18. Januar 2015 14:27:50 MEZ

Page 1 of 2



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<< AE128I B1r      T TGGGTACCAG CCAAGTATTG ACTCAGCCAT CAACAAGCGG TATGTATTTC GTACATTAGT GCCAGCCACC ATGAATATTG TACAGTACCA
<< AE128I B2r      T TGGGTACCAG CCAAGTATTG ACTCAGCCAT CAACAAGCGG TATGTATTTC GTACATTAGT GCCAGCCACC ATGAATATTG TACAGTACCA
AE128I B1f          CGG TATGTATTTC GTACATTAGT GCCAGCCACC ATGAATATTG TACAGTACCA
AE128I B2f          GG  TATGTATTTC GTACATTAGT GCCAGCCACC ATGAATATTG TACAGTACCA
NC_012920_3 (r...  gtagtggt tgggtaccag ccaagtattg actcagccat caacaagcgg tatgtatttc gtacattagt gccagccacc atgaatattg tacagtacca
                  |16036      |16046      |16056      |16066      |16076      |16086      |16096      |16106      |16116      |16126
AE128I_HVR         -----T TGGGTACCAG CCAAGTATTG ACTCAGCCAT CAACAAGCGG TATGTATTTC GTACATTAGT GCCAGCCACC ATGAATATTG TACAGTACCA
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<< AE128I B1r      TAAATAC
<< AE128I B2r      TAAATAC
AE128I B1f          TAAATACTT ACCACCTGTA GTACATAAAA ACCCAATCCA CATC
AE128I B2f          TAAATACTT ACCACCTGTA GTACATAAAA ACCCAATCCA CATC
AE128I C1f          CATAAAA ACCCAATCCA CATCAAAACC CCCCCCCC
AE128I C1-2f        TAAAA ACCCAATCCA CATCAAAACC CCCCCC
AE128I C2f (2)      TAAAA ACCCAATCCA CATCAAAACC CCCCCCCC
<< AE128I G1r (2)          CCAT GTTA AAGC AAGTACAGTA ATCAACCTC AAATATCACA
<< AE128I D2r          AAGTACAGTA ATCAACCTC AAATATCACA
<< AE128I D1r          AAGTACAGTA ATCAACCTC AAATATCACA
AE128I G1-2f          TATCACA
NC_012920_3 (r...  taaatacttg accacctgta gtacataaaa acccaatcca catcaaaacc ccccccctat gttacaagc aagcacagga atcaacctc aaatatacaca
                  |16136      |16146      |16156      |16166      |16176      |16186      |16196      |16206      |16216      |16226
AE128I_HVR         TAAATACTT ACCACCTGTA GTACATAAAA ACCCAATCCA CATCAAAACC CCCCCCAT GTTA AAGC AAGTACAGTA ATCAACCTC AAATATCACA
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CodonCode Aligner: AE128I, AE128I_HVR

18. Januar 2015 14:27:51 MEZ

Page 2 of 2



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<< AE128I G1r (2) CATCAACTGC AACTCCAAAG CCACCCCTCA CCCACTAGGA TACCAAGAAA CCTACCCACC CTTAAACAGTA CATAGTACAT AAAGGCATTT ACCGTACATA
<< AE128I D2r CATCAACTGC AACTCCAAAG CCACCCCTCA CCCACTAGGA TACCAAG
<< AE128I D1r CATCAACTGC AACTCCAAAG CCACCCCTCA CCCACTAGGA TACCAAGAAA CCTAC
AE128I G1-2f CATCAACTGC AACTCCAAAG CCACCCCTCA CCCACTAGGA TACCAAGAAA CCTACCCACC CTTAAACAGTA CATAGTACAT AAAGGCATTT ACCGTACATA
AE128I D2f CCACCCCTCA CCCACTAGGA TACCAAGAAA CCTACCCACC CTTAAACAGTA CATAGTACAT AAAGGCATTT ACCGTACATA
<< AE128I G1-2r CCACCCCTCA CCCACTAGGA TACCAAGAAA CCTACCCACC CTTAAACAGTA CATAGTACAT AAAGGCATTT ACCGTACATA
AE128I D1f A CCCACTAGGA TACCAAGAAA CCTACCCACC CTTAAACAGTA CATAGTACAT AAAGGCATTT ACCGTACATA
<< AE128I E1r TACCCACC CTTAAACAGTA CATAGTACAT AAAGGCATTT ACCGTACATA
<< AE128I E2r TACCCACC CTTAAACAGTA CATAGTACAT AAAGGCATTT ACCGTACATA
AE128I E2f TTT ACCGTACATA
AE128I E1f TA
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NC_012920_3 (r... CATCAACTGC AACTCCAAAG CCACCCCTCA CCCACTAGGA TACCAAGAAA CCTACCCACC CTTAAACAGTA CATAGTACAT AAAGGCATTT ACCGTACATA
|16236 |16246 |16256 |16266 |16276 |16286 |16296 |16306 |16316 |16326
AE128I_HVR CATCAACTGC AACTCCAAAG CCACCCCTCA CCCACTAGGA TACCAAGAAA CCTACCCACC CTTAAACAGTA CATAGTACAT AAAGGCATTT ACCGTACATA
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<< AE128I G1r (2) GACATTACA GTAAATCCT CTCTCGCCCC CATGGATGAC CCCCCTCAGA TA
AE128I G1-2f GACATTACA GTAAATCCT CTCTCGCCCC CATGGATGAC CCCCCTCAGA TAGGGGTCCC TTGACCACCA TCCTCCGGA AATCAATATC C
AE128I D2f GACATTACA G
<< AE128I G1-2r GACATTACA GTAAATCCT CTCTCGCCCC CATGGATGAC CCCCCTCAGA TAGGG
AE128I D1f GACATTACA G
<< AE128I E1r GACATTACA GTAAATCCT CTCTCGCCCC CATGGATGAC CCCCCTCAGA
<< AE128I E2r GACATTACA GTAAATCCT CTCTCGCCCC CATGGATGAC CCCCCTCAGA TA
AE128I E2f GACATTACA GTAAATCCT CTCTCGCCCC CATGGATGAC CCCCCTCAGA TAGGGGTCCC TTGACCACCA TCCTCCGGA AATCAATATC
AE128I E1f GACATTACA GTAAATCCT CTCTCGCCCC CATGGATGAC CCCCCTCAGA TAGGGGTCCC TTGACCACCA TCCTCCGGA AATCAATATC
NC_012920_3 (r... gacattaca gtaaatcct ctctcgcccc catggatgac cccctcaga taggggtccc ttgaccacca tcctccgga aatcaatata c
|16336 |16346 |16356 |16366 |16376 |16386 |16396 |16406 |16416 |16426
AE128I_HVR GACATTACA GTAAATCCT CTCTCGCCCC CATGGATGAC CCCCCTCAGA TAGGGGTCCC TTGACCACCA TCCTCCGGA AATCAATATC C
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