



pDD2034 – Blue Heron Oligo #1 (611-843 Reversed) in pDD2000 (pi-Green/K14-Red)

2. 643 to 811 Reverse #2 Red Iso 5' Reverse

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Query 90 AGGCAGCTGCGCCACGAAGCAGTCCACGTCCTCCCAAGACAGCAGCAGCTTGGTCCGGCTGACTT 149
|||||
Sbjct 127879 AGGCAGCTGCGCCACGAAGCAGTCCACGTCCTCCCAAGACAGCAGCAGCTTGGTCCGGCTGACTT 127820

Query 150 ATAAACAG 157
|||||
Sbjct 127819 ATAAACAG 127812

Query 158 CCGGGCGTGAGAAACAGAAACGGCCAAATACCCATGTTTTTCGAAAACCCACACACCTT 217
|||||
Sbjct 127643 CCGGGCGTGAGAAACAGAAACGGCCAAATACCCATGTTTTTCGAAAACCCACACACCTT 127702

Query 218 TAACACAAATCATGTACACCTGGTATTACTAATTTCCACACATTTATAGCATTTCARAG 277
|||||
Sbjct 127703 TAACACAAATCATGTACACCTGGTATTACTAATTTCCACACATTTATAGCATTTCARAG 127762

Query 278 ATAAGGGTGCCTTACGGGCCCGCCGAAACAAAGTGGGGGCGGTACTCA 326
|||||
Sbjct 127763 ATAAGGGTGCCTTACGGGCCCGCCGAAACAAAGTGGGGGCGGTACTCA 127811

Query 327 AITATATACTGGACTTGCCTTAGGTAGCATCCATGGCAACCGCAAGGCCAGCAAAACCCACT 386
|||||
Sbjct 127642 AITATATACTGGACTTGCCTTAGGTAGCATCCATGGCAACCGCAAGGCCAGCAAAACCCACT 127583

Query 387 AICAAAGCTTG 396
|||||
Sbjct 127582 IT-AACCTTG 127574

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20. 643 to 811 Reverse #2 Green Iso 5':

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Query 115 TGAATAGCCCGCCACTGTTTCGGGGCCCGCTAGGACCCCTTACTTTGAAATGC 174
|||||
Sbjct 127811 TGAATAGCCCGCCACTGTTTCGGGGCCCGCTAGGACCCCTTACTTTGAAATGC 127752

Query 175 TATAAGATGTGGGAAATAGTAAATACAGGTGTACATGATTTGTTAGTGTGTGGT 234
|||||
Sbjct 127751 TATAAGATGTGGGAAATAGTAAATACAGGTGTACATGATTTGTTAGTGTGTGGT 127692

Query 235 GGTTCGAAAAACATGGGTTATGGCCGTTTCTGTTCTACGCCCGG 283
|||||
Sbjct 127691 GGTTCGAAAAACATGGGTTATGGCCGTTTCTGTTCTACGCCCGG 127643

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Score = 126 bits (68), Expect = 1e-29  
 Identities = 68/68 (100%), Gaps = 0/68 (0%)  
 Strand=Plus/Plus

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Query 284 CTGTTTAAAGTCACCGGACCAAGCTGCTCTTGGGACGTGACTGCTTCTGGCCG 343
|||||
Sbjct 127812 CTGTTTAAAGTCACCGGACCAAGCTGCTCTTGGGACGTGACTGCTTCTGGCCG 127871

Query 344 AGCTGCCT 351
|||||
Sbjct 127872 AGCTGCCT 127879

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Score = 106 bits (57), Expect = 2e-23  
 Identities = 66/70 (95%), Gaps = 1/70 (1%)  
 Strand=Plus/Plus

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Query 45 CAAGCTGTATGGGTTTCTGGCTTTCGATGATGCTACCTAGGCCAAGTCCA 104
|||||
Sbjct 127574 CAAGGTT-AAAGTGGGTTTCTGGCTTTCGATGATGCTACCTAGGCCAAGTCCA 127632

Query 105 GATATATAAT 114
|||||
Sbjct 127633 GATATATAAT 127642

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