

Zinc Finger Site Type: Nuclease
Zinc Finger Engineering Method: CoDA
Sequence Name : darc
Sequence Length:2.49kb

Nucleotide Sequence

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:nTTTTTCCTGAGTGTAGTCCCAACCAGCCAAATCCAACCTCAAACAGGAAG
ACCCAAGGCCAGTGACCCCCATAGGCCTGAGGCTTGTGCAGGCAGTGGGC
GTGGGGTAAGGCTTCCTGATGCCCCCTGTCCCTGCCCAGAACCTGATGGC
CCTCATTAGTCCTTGGCTCTTATCTTGAAGCACAGGCGCTGACAGCCGTC
CCAGCCCTTCTGTCTGCGGGCCTGAACCAAACGGTGCCATGGGGAACTGT
CTGCACAGGGTGAGTATGGGGCCAGGCCCCAGAGTCCCTTATCCCTATGC
CCCTCATTTCCCGTGCTGTTTGCCCTCAGTCTTTATATCTCTTCCCTTTCT
CCTCATCTTTTCTCCCTTCCCTGCTTTTTTCTCTTCCCTTCAAAGTCTTTTTCT
TCTCTCCTTCCCTATGCTAGCCTCCTAGCTCCCTCTTGTGTCCCTCCCTTTGC
CTTTGAGTCAGTTCATCCTGGTCTCTTGGTGCCTTTTCTTCTGACCTTGC
ACTGCTCCTCCAGCCCCAGCTGCCCTGGCTTCCCAGGACTGTTCCCTGCTC
CGGCTCTTCAGGCTCCCTGCTTTGTCTTTTCCACTGTCCGCACTGCATCTG
ACTCCTGCAGAGACCTTGTTCTCCCACCCGACCTTCCCTCTCTGTCCCTCCCT
CCCACCTGCCCTCAATTCCCAGGAGACTCTTCCGGTGTAACCTCTGATGGC
CTCCTCTGGGTATGTCTCCAGGCGGAGCTCTCCCCCTCAACTGAGAACTC
AAGTCAGCTGGACTTCGAAGATGTATGGAATTCTTCCCTATGGTGTGAATGAT
TCCTTCCAGATGGAGACTATGGTGCCAACCTGGAAGCAGCTGCCCCCTGC
CACTCCTGTAACCTGCTGGATGACTCTGCACTGCCCTTCTTCATCCTCACCA
GTGTCCTGGGTATCCTAGCTAGCAGCACTGTCCTCTTCATGCTTTTCAGACC
TCTCTTCCGCTGGCAGCTCTGCCCTGGCTGGCCTGTCCTGGCACAGCTGG
CTGTGGGCAGTGCCCTCTTCAGCATTGTGGTGCCCGTCTTGGCCCCAGGG
CTAGGTAGCACTCGCAGCTCTGCCCTGTGTAGCCTGGGCTACTGTGTCTGG
TATGGCTCAGCCTTTGCCCAGGCTTTGCTGCTAGGGTGCCATGCCTCCCTG
GGCCACAGACTGGGTGCAGGCCAGGTCCCAGGCCTCACCTGGGGCTCAC
TGTGGGAATTTGGGGAGTGGCTGCCCTACTGACACTGCCTGTCACCCTGGC
CAGTGGTGTCTTCTGGTGGACTCTGCACCCTGATATACAGCACGGAGCTGAA
GGCTTTGCAGGCCACACACTGTAGCCTGTCTTGCCATCTTTGTCTTGTTG
CCATTGGGTTTGTGGAGCCAAGGGGCTGAAGAAGGCATTGGGTATGGG
GCCAGGCCCTGGATGAATATCCTGTGGGCCTGGTTTATTTTCTGGTGGCC
TCATGGGGTGGTTCTAGGACTGGATTTCTGGTGGAGGTCCAAGCTGTTGCT
GTTGTCAACATGTCTGGCCCAGCAGGCTCTGGACCTGCTGCTGAACCTGGC
AGAAGCCCTGGCAATTTTGCCTGTGTGGCTACGCCCTGCTCCTCGCCCT
ATTCTGCCACCAGGCCACCCGCACCCTCTTGCCCTCTCTGCCCTCCCTGA
AGGATGGTCTTCTCATCTGGACACCCTTGAAGCAAATCCTAGTTCTCTTCC
CACCTGTCAACCTGAATTAAGTCTACACTGCCTTTGTGAAn
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Selected Module Sets:

Left Module Count: 3
Spacer Nucleotide Count: 5,6,7
Right Module Count: 3
Ignore Asp Overlap:False

The results below are zinc finger arrays that can be constructed using CoDA. Note that other

methods (including modular assembly and OPEN) can also potentially be used to target the input sequence of interest.”

Sort By: Hide intron splice sites

ZFN-unknown-SP-5-1
 1038 tGCCCTCTTCAGCAT**TGTGGTGCC**c 1062
 1038 a**CGGGAGAAG**TCGTAACACCACGGg 1062

FINGER	HELIX	TRIPLET	REFERENCE NUMBER	SOURCE
Left F1	SPSKLVR	GGC	-	CoDA
Left F2	RQDNLGR	GAG	-	CoDA
Left F3	QRNNLGR	GAA	-	CoDA
Right F1	SKKSLTR	GCC	-	CoDA
Right F2	EAHHLR	GGT	-	CoDA
Right F3	QPHGLAH	TGT	-	CoDA

ZF DNA Sequence

ZFN-unknown-SP-7-1
 1337 tGCAGGCCACACACACT**GTAGCCTGT**c 1363
 1337 a**CGTCCGGTG**TGTGTGACATCGGACAg 1363