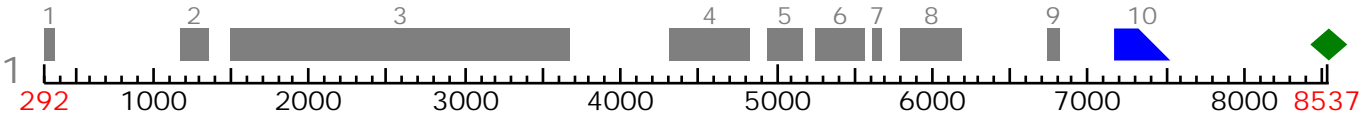
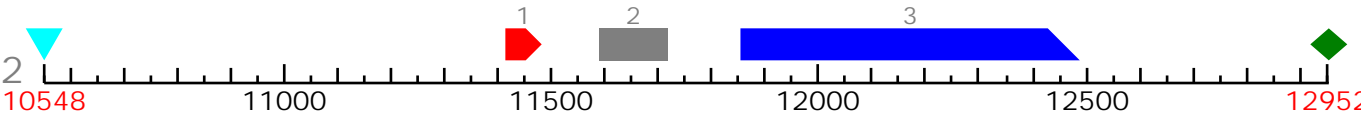


FGENESH 2.6 Prediction of potential genes in Triticum genomic DNA
Seq name: region7
Length of sequence: 15001
Number of predicted genes 3: in +chain 3, in -chain 0.
Number of predicted exons 15: in +chain 15, in -chain 0.
Positions of predicted genes and exons: Variant 1 from 1, Score:1114.543750

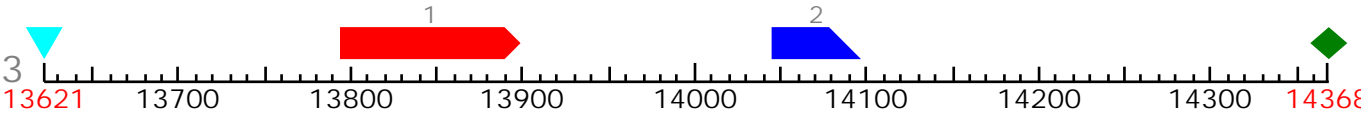
CDSf CDSi CDSl CDSo PoIA TSS



1 +	1 CDSi	292 -	360	0.05	292 -	360	69
1 +	2 CDSi	1161 -	1346	13.98	1161 -	1346	186
1 +	3 CDSi	1487 -	3664	722.04	1487 -	3664	2178
1 +	4 CDSi	4306 -	4824	56.32	4306 -	4824	519
1 +	5 CDSi	4933 -	5159	26.79	4933 -	5157	225
1 +	6 CDSi	5240 -	5559	57.52	5241 -	5558	318
1 +	7 CDSi	5610 -	5668	-0.94	5612 -	5668	57
1 +	8 CDSi	5788 -	6185	59.90	5788 -	6183	396
1 +	9 CDSi	6727 -	6809	9.60	6728 -	6808	81
1 +	10 CDSl	7159 -	7520	75.00	7161 -	7520	360
1 +	PoIA	8537		2.19			



2 +	TSS	10548		-2.11			
2 +	1 CDSf	11411 -	11479	0.36	11411 -	11479	69
2 +	2 CDSi	11587 -	11715	18.76	11587 -	11715	129
2 +	3 CDSl	11851 -	12486	96.54	11851 -	12486	636
2 +	PoIA	12952		2.19			



3 +	TSS	13621		1.09			
3 +	1 CDSf	13793 -	13898	-1.27	13793 -	13897	105
3 +	2 CDSl	14044 -	14096	4.58	14046 -	14096	51
3 +	PoIA	14368		2.19			

Predicted protein(s):
>FGENESH:[mRNA] 1 10 exon (s) 292 - 7520 4401 bp, chain +
AAGCAGCAGCAGGCTGATCAACATGTTGCACATTGGCATAGTATGCTTCCCAGACCAAGT
GGCCCCATGGCATTGTTGGGTCTGGGGTCAAGCACGACGAACGTGACCTCCACGGCGAAAATT
AACAGCGCTAGAATTATTTTCTTCCGCACGAAGCATCTGCCTCGTTTTATGTCGCTGAT

GCCCTGCTAACTTGTTTCGTACCAATTTTCACAGCAGCCTGCGGTTCGCAGTCGCAGAGATG
GAAGCCCCTGACCAGGAGAATCCTTGCGCCATCTGCCTCGGCGGCATGGCCGCCGGCGGC
GGGCAGGCCACCTTCACGGCGGAGTGCTCCCACACCTTCCACTTCAACTGCATCTCCGCC
AGCGTCGCGCACGGCCACCTCGTCTGCCCCTCTGCAACGCGCGCTGGCGAGAGCTGCCC
TTCTTGCGACCCACCGCGCCGGTGCCGCAGCCGCCTACGCTGCCTAGGCTGGGTCTGTC
GTTCCCATGCACGGCGTGCAGCCTCCGAGCGAGCCGACAGCATCGCCTCCTCTCATGCAT
GGCGGGATGCCTCCGTTCCAGCGCAGGCGCCACCGCCGCCGCGCGGGCATATCATGCAG
CATCACCAGCCGCCGCCGCCGAACGTGCATGTCTGTGCAGCATCATCAGCCGCCGCCGCC
GTGCATACCGTGCAGCATCATCAGCCCCCGCCGCCGAGCCTACGGTCTGCTTTCGACGAC
GACGAGCAGGTGGAGCCGGCCTCCAGGCCGCCAGCTGACAGCACACCGGCAGCTGCATCG
AACGGGGCAGTGGTCTGCAACACGCACGCCGAGTACTCGGCCGTTCGCCAGGGACTCGTCC
AGCGACAACCTTCGCCGTGCTCGTGCACGTCAAGGCTCCCGCGATGGCCGACACCGTGGCG
GCCGGCAGCGACAAGCCGCCCGCGCGCGCCGCTGGACCTCTGTGACCGTGTCTCGACGTC
AGCGGCAGCATGAGCGGCCACAACTGGCGCTCCTGAAGCAGGCCATGCGGTTCTGTCATC
GACAACCTCGGCCCAACGACCGCCTCTCCGTCTGTCTCTTCTCCTCCGAGGCGCGCCGG
CTGACCAGGCTCACGCGCATGTCTGGACGCCGGGAAGGCACTGGCCGTGAGCGCCGTGGAG
TCCCTCGCGGCGCGCGGGCGGCACCAACATCGCCGAGGGGCTCCGCACGGCCGCCAAGGTG
CTCGACGAGCGCCGGCACAGGAACGCCGTCTCCAGCGTCTGTCTCTCTCCGACGGTCAG
GATACCTATACCATGATGAGGCGCCGGGGACCGTCCGGCGTCCAGGCCAACAACTACGAG
GAGCTCGTCCCGCCCTCCTTCGCACGCACGGGCGCTGACGGCGAGTGGTCCGCGCCGATC
CACACCTTCGGCTTCGGGAACGACCACGACGCGGCCGCGATGCACGTATCGCCGAGGCG
ACGGGCGGCACGTTCTCGTTTCATCGAGAACGAGGCTGTGATACAGGACGCGTTCTGCGCAG
TGCATCGGCGGCCTGCTCTCCGTCTGTGGTCCAGGAGGCGCGCATCGCCGTCTGCGTGTG
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AGAGTGGTCTTCAGCTACAGAAACGCGGCGAGCGGCGCGGAGGTGAGCGTGACGGCCGAG
GACACGGTGGTGGCGAGGCCGGAGCACGCGCCGAGCGCTCGGAGCGCTCAGTGGAGGTG
GAGCGGGAGCGCGTCCGGGTGGAGGCGGCAGAGGACATCGCGGCGGCGAGGGCAGCGGCG
GAGCGGGGCGAGCACCAGGAAGCGGTGGAGATCCTCGACAACCGTCAGCGGGCGCTGGAG
CAGTCGGAGGCGGCAGGGGACGGCGACCCCATGATCGTGGCGCTGGGGGCGGAGCTGCAG
GAGATGCGCGGGCGCGTGTCTGAACCGGCAGAGCTACATGCGGTCTGGGGCGGGCGTACATG
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GAGGAGCAGCAGACGTCGATGATGGCGAGGAATAGTGGAGTGAGGAGGATGATCAGAAGA
GGAGTGGGGTCGAGCGGCGGGGGATATATGGCGGCAGCGGCGCCCGTGGCCGAGGCGTCG
AACGAGGCGACGATGTCTGACGCGACGCCGGCCATGCGCGCCATGCTGCTGCGCTCGCGG
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GCTACCCAGCACCGCTGGATACATTTACGTCTCGCGTTTTTTCGTTGTGAATCTGGTGTG
CGGGGTGCGGGGCCCGCCGACGGCAGCTGGCCGGAGCCGGGGGAGCTTCGAGCGTGAGGCT
ACAATGCTGCAATCGGCGAGATGCGGGGCGACAGCTGCGCGGCGAGGTGCCGGGTGCTG
CAACCGCCTATGCGTGGAGCTGGAACCGGCACGCGGCCGTGCAGCGACCAGCACATAGCG
GTACTGCTACCGACGCGCGTGGCGCTACGACCAGCGCGGCGGCGACGGCCACCGTCGGC
CAAAAAGGTACAACCATCTATGTCTGATGGATGTAACCAGCGGTTACCAATGCTACAACCC
CGTCTCTGGCACTGTGGCGACATGCACACCGGCGATGCTACGACGGCAAGACAAGGTGCT
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GAAGCTGCAATGGACGGTGGAGCGGCGAGCTACAACCATTTGTTCCGGCGACGGCGTTGTG
ATTTTGCTACAACCGACAATGAGAAAGCTACAACCGGCGCCTGGATTTGCTGCATCCGGT

GAAGTGC GCGCGGACGGCAGCTCTGCGT TTTT T GCTGCAAACGGCAACCAGAAAGCTTCC
ACTGGCGACCGCATATGCTACAGCCAGGGGATGACGGTGAAGTGTGGCCGGCGGCAACGC
GTACTCCGGAGCCGACGGGGGCGGAGACGACGTGCAGGCATCGAGGCGAGATGGAAGCAG
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GGTGAGATGGAAGCGGGGCTGCTCGGGTCTCGGGAGCGAAGGCAGCAAGCCGGCGGGGGG
GCGAAGACGACGTGCGGGCACCGAGGCAAGATGGAAGTGGGGCTGCTCGGGAGGGAAGGC
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CGGCTCTCTCGTTTTTTCTTGCAACCAGATCAGTCTTGGA AAATCCATCAGTCATGACGTA
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CATCGTCGGGAACGAGCGCACCGAGCTGGAAATCGAGATTGGGCAAAGGAAATCCGCATC
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CGAAGCGACTTGGTACTCTCCCCGGAGCGCCGGCAGGTGCGCAGCCGCAGCTGCATCTCT
GGCAGCGGCGGCTTCCTTCGCCTCCAGCATGCGTCCTCGGCCGCCAGAGGCGCTGGATG
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GAGGACTTCGTGCCGCGGGTGCGCGCCTGCTCCCTGCGCTTCTCCGACGCGGGAGGGCAG
AGGGAGGAACTGTCAGCCTAA

>FGENESH: 1 10 exon (s) 292 - 7520 1466 aa, chain +

KQQQADQHVAHWH SMLPRPSGPMAFSGSSTTNVTSTAKINSARIIFLPHEASASFYVAD
ALLTCSYQFSQQPAVAVAEMEAPDQENPCAICLGMAAGGGQATFTAEC SHTFHFNCISA
SVAHGHLVCPLCNARWREL PFLRPTAPVPQPPTLPRLGRPVPMHGVQPPSEPTASPLMH
GGMPPFPQAQAPPPPRGHIMQHHQPPPNVHV VQHHPPPPVHTVQHHQPPPEPTVVFDD
DEQVEPASRPPADSTPAAASNGAVVNTHAEYSAVARDSSSDNFAVLVHV KAPAMADTVA
AGSDKPPPRAPLDLVTVL DVSGSMSGHKLALLKQAMRFVIDNLGPNDRLSVVSFSSEARR
LTRLTRMSDAGKALAVSAVESLAARGGTNIAEGLRTAAKVLDERRHRNAVSSVLLSDGQ
DYYTMMRRRGPSGVQANNYEELVPPSFARTGADGEWSAPIHTFGFGNDHDAAAMHVIAEA
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DGCAASVRVGELYADEERRFLFLTVPRVEATDGD TTALARVVS YRNAASGAEVSVTAE
DTVVARPEHAPSASERSVEVERERVVEAAEDIAAARAAAEERGEHQEAVEILDNRQRALE
QSEAAGDGDP MIVALGAELQEMRGRVSNRQSYMRSGRAYMLAGMSAHQQQRATSRQMLEP
EEQQTSMMARNSGVRRMIRRGVGS SGGGYMAAAPVAEASNEATMSYATPAMRAMLLRSR
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VLLPTRRGATTSA AATATVGQKGT TIYVDGCNQRLPMLQPRPRHCGDMHTGDATTARQGA
TTDKFFCWNRPILLELADTEAAMDGGAASYNHCSGDGVVILLQPTMRKLQ PAPGFAASG
EVRRRRQLCVFAANGNQKASTGDRICYSQGMTVKCGRQRVLRSRGRRRRRAGIEARWKQ
GYSGAKAMSRRGA EPTCGHQGEMEAGLLGSRERRQQAGGAKTTCGHRGKMEVGLLGREG
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GCHSITAE EPHLWPSGCLPHPSRQNFSTPAQARGSPRRPMPWSLTPGTSAARRRRNSTAR
RLSRFSCNQISLGKSI SHDVQCCWLPLSGCVTAVLPSCRHRRERAH RAGNRDWAKEIRI
TSRRGTSMSCSIVLQAVWDYIYEMGWTTT PRRVVVVVRVAVAGWGLVAVEGMVDERV GEG
RSDLVLLPERRQVRSRSCISGSGGFLRLQHASSAAQRRWMEGSKI PSRRWKVAHAHKPAL

EDFVPRVRACSLRFSDAGGQREELSA

>FGENESH:[mRNA] 2 3 exon (s) 11411 - 12486 834 bp, chain +
ATGGGCCCCAACGGCTCATTGGGCACTTGACCCACGCCCTGATCGGGGGCGTCCAGCCCCAA
GCAAGGCTGAGGGAGGCACTGAAGCGATGGGAAGCTCCACCGCTGCCACTCATGCACTTC
ACCGTCGACCTCTACACCGACCGTCGCTGCCCCGGGCGCAGTCCTCCATCGACGAACCAGC
AATGGCCGGAACGCTAAGAAAAGAAAACGAACACAAATACGATTTTCGATCTCGGATCGAA
GCAGATAGAGAGAAAAGAACTCCTCGTCGGAAGAGTTGCGCCGCCGCAACGGCCGCGCCG
TTCCTCTCGATCCGGACGGGCATCGGCAAGCCGAGCCGTTTCGGAAGAAGAACTCACCCCA
CAGGGGCAAAGGGCACCACCACAGAGCCATTTGACGGCGACGCGTTTACCCTCGAGGTGC
TCGCGCACGCCGGCAAAGGGGTGAGCGGGGGCGCCGCATCTGGAAACGCCGTCGCTCGC
GCGAAGGGGAGCAGAGGAGGCTCTGCTCGCGCTGCTCGCGTCCCTCTCGCGCTGGGGTGG
TGGTGGGAAGAAGAGAGGGGAAGGGGAACGGCTCGCGCGGCGCAGTGGCCCTCGCCGCCGAG
CACGGGGGCCGGAGCGGCCCTACCAGGGCGCTGCCCTTTTTTACCTTGACAGAGAGGGAGCC
GACGGGACAGAAGAAGAGAAAGAAGAAGGGAAAGGGGGAAGAAAGAGAACGGCCAGGCTC
GCGCGGTGGTGGACGCCGTCGCCGGCGGCTCGACCGGACAGGCACGGCGCGGCGGCCGAG
CACGGCGCGGTGCGCCGGCGACCGGGACATCGTCGGGCGAGAGACGAGAGGATGA

>FGENESH: 2 3 exon (s) 11411 - 12486 277 aa, chain +
MGPTAHWALDPRPDGRPAQARLREALKRWEAPPLPLMHFTVDLYTDRRCPGAVLHRRTS
NGRNAKKRKRTQIRFRSRIEADREKRTPRRKSCAAATAAPFLSIRTGIGKPSRSEELTP
QGQRAPPQSHLTATRSPSRCSRTPAKGSAGAPHLETAVARAKGSRGGSARAARVPLALGW
WWKKRGKGNRSRGAVALAAEHGGRSGLPGRCPFYLDREGADGTEEEKEEGKGGRKRTARL
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>FGENESH:[mRNA] 3 2 exon (s) 13793 - 14096 159 bp, chain +
ATGACCAAGAAAGGTCATAACGTGAGGGAGTATGTGCTCTCTAAAGGATGGCTTCAAAG
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TTTGGCATTATGTCCCTTACAGGGAATTACCTGCATAG

>FGENESH: 3 2 exon (s) 13793 - 14096 52 aa, chain +
MTKKGHNVREYVLSKGWLQKKRERSLRVLVDECLSFKRANFGIYVPYRELPA