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Nucleotide

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Synthetic construct FT_Tv7_d gene, complete cds

GenBank: MH043115.1

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LOCUS	MH043115	888 bp	DNA	linear	SYN 28-APR-2018
DEFINITION	Synthetic construct FT_Tv7_d gene, complete cds.				
ACCESSION	MH043115				
VERSION	MH043115.1				
KEYWORDS	.				
SOURCE	synthetic construct				
ORGANISM	synthetic construct other sequences; artificial sequences.				
REFERENCE	1 (bases 1 to 888)				
AUTHORS	Larue,C.T.				
TITLE	Development of Robust FOP and Synthetic Auxin Herbicide Tolerance Traits for GE Crops				
JOURNAL	Unpublished				
REFERENCE	2 (bases 1 to 888)				
AUTHORS	Larue,C.T.				
TITLE	Direct Submission				
JOURNAL	Submitted (12-MAR-2018) CV, Monsanto Company, 700 Chesterfield PKWY W, Chesterfield, MO 63017, USA				
COMMENT	##Assembly-Data-START## Sequencing Technology :: Sanger dideoxy sequencing ##Assembly-Data-END##				
FEATURES	Location/Qualifiers				
source	1..888 /organism="synthetic construct" /mol_type="other DNA" /db_xref="taxon:32630" /note="plant dicot optimized sequence"				
CDS	1..888 /note="FeII and alpha-ketoglutarate-dependent FOPs and 2,4-D dioxygenase" /codon_start=1 /transl_table=11 /product="FT_Tv7_d" /protein_id="AWB36299.1" /translation="MHAALTPLTNKYRFIDVQPLTGVLGAEITGVDLREPLDDSTWNE ILDAFHTYQVIYFPGQAITNEQHIAFSRRFGPVDVPVILKSIEGYPEVQMIRREANES SRYIGDDWHADSTFLDAPPAAVVMRAIEVPEYGGDTGFLSMYSAWETLSPTMQATIEG LNVVHSATKVFGLYQATNWRFSNTSVKVMVDVADGDRET VHPLVVTHPVTGRRALYCN QVYCKIQIKGMTDAESKSLQLFYEATQDFDTCRVRWKKDQVLVWDNLCTMHRAPVDY AGKFRYLTRTTVAGDKPSR"				
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```

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