

IDENTIFICATION

Species: *Arabidopsis halleri*

Locus: Araha.7513s0015

Gene Model: Araha.7513s0015.1

Description: AhEXPA-06

Family: Alpha Expansin

3D structure:



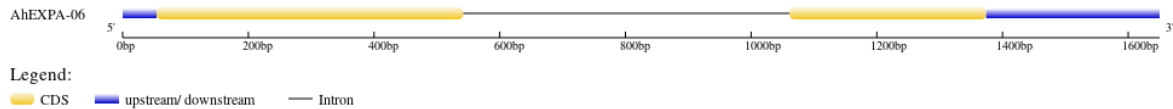
GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Ahalleri_v1_1

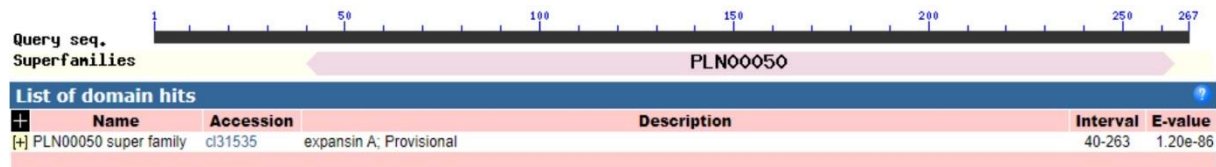
EXTERNAL RESOURCES

https://plants.ensembl.org/Arabidopsis_halleri/Info/Index

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AhEXPA-06

MQRFLPLLLFLTLSPPAISHYSSSTSSPSSSSVSSDASEWRPARATYYAASNPRDAVGG
ACGYGDLVKSGYGMATVGLSETLFRGQICGACFELRCVDDLRCIPGTSIIVTATNF
CAPNYGFDPDGGGHCNPPNKHFVLPPIEAFEKIAIWKAGNMPVQYRRINCRREGSMRF
TVDGGGIFISVLITNVAGSGDVA AVKIKGSRTGWLPMGRNWGQNWGINADLKNQAL
SFEVTSSDRSTVTSYNVSPRNWNYGQTFEGKQFETP*

CDS (coding sequence)

>AhEXPA-06

ATGCAACGGTTTCTTCTACCTTTACTCTTCCTTACACTATCGCCGCCGGCGATTCT
CATTACTCTTCTCAACCTCCTCTCCTTCTTCTTCCGCTCTTCCGACGCCTCA
GAATGGCGTCCAGCTCGAGCCACCTACTACGCCGCTTCCAATCCTCGAGACGCGG
TGGGTGGTGCCTGTGGGTACGGAGATCTCGTCAAATCTGGGTACGGTATGGCTAC
AGTTGGTCTAAGCGAGACTCTATTTGAGCGTGGTCAGATCTGTGGTGTCTGTTTCG
AGCTCAGATGTGTTGATGATCTCCGTTGGTGTATCCCTGGAAGTCAATTATTGTC
ACTGCTACGAATTTCTGTGCTCCTAATTACGGATTTGATCCCGACGGTGGTGGTCA
TTGTAATCCACCGAACAAACATTTCTGCTTCCGATCGAAGCGTTTGAGAAGATC
GCTATTTGGAAAGCTGGGAACATGCCGGTGCAGTATCGCAGGATCAACTGTAGA
AGGGAAGGGAGCATGCGGTTTACAGTCGATGGTGGAGGCATTTTCATTTTCGGTTC
TGATCACCAATGTTGCAGGGTCCGGTGTAGCTGCTGTGAAGATCAAAGGATC
GAGAACCGGGTGGTTACCTATGGGTCGTAATTGGGGACAGAATTGGCATATCAAT
GCTGATCTCAAGAACCAAGCTCTCTCATTGAAAGTAACTTCTAGTGACAGGTCAA
CCGTGACATCTTACAACGTCTCCCTAGAAACTGGAATTATGGACAGACCTTCGA
AGGGAACAATTTCGAGACTCCGTGA

Nucleotide

>AhEXPA-06

AAAATCTCTAAAATCAAAAATTGGCATTCTCTCTCTCGAACTCTCGCCGGAGAGA
TGCAACGGTTTCTTCTACCTTTACTCTTCCTTACACTATCGCCGCCGGCGATTCTC
ATTACTCTTCCTCAACCTCCTCTCCTTCTTCTTCTCCTCCGTCTCTTCCGACGCCTCAG
AATGGCGTCCAGCTCGAGCCACCTACTACGCCGCTTCCAATCCTCGAGACGCGGT
GGGTGGTGCGTGTGGGTACGGAGATCTCGTCAAATCTGGGTACGGTATGGCTACA
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GCTCAGATGTGTTGATGATCTCCGTTGGTGTATCCCTGGAACCTCAATTATTGTCA
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CGTCTCAATACGAATTTACTTTATTGCCCTGATTGTTTTATTTGAGTAGTTGTA
GACTTGTAGTGTTAGTGTGTACAAGATTCTGAGAAAAGGTAGATAGGTTTGAATT
GATGGCAATATTGTAGTATATATGAATAGTTTTTGTCTCATCATAGTTGAGTAGCTA
GCTTTGCTCTCGTTTTTCATCTTAGCCATGAGAGAAAGAAGATGGAATTTGGAAAC
CAATGATAGGACTAAAACCGACTGTCATTGGTTTGGAGCTGAGCTTGTAATAGT
TTCATATCACTTAAGTTATGACTTACAACCATTGTTGTTGTTGGCTTTACCAAAC
AGGATCAACTGTAGAAGGGAAGGGAGCATGCGGTTTACAGTCGATGGTGGAGGC
ATTTTCATTTTCGGTTCTGATCACCAATGTTGCAGGGTCCGGTGATGTAGCTGCTGT
GAAGATCAAAGGATCGAGAACCGGGTGGTTACCTATGGGTCGTAATTGGGGACA
GAATTGGCATATCAATGCTGATCTCAAGAACCAAGCTCTCTCATTGGAAGTAACT
TCTAGTGACAGGTCAACCGTGACATCTTACAACGTCTCCCCTAGAACTGGAATT
ATGGACAGACCTTCGAAGGGAAACAATTCGAGACTCCGTGAGACAGAGACGGGT
GCATTGAGATATCTCATGATTCTTTTTTTCCGGGTCAGAATTTTTTTGATGGCAAGC
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AGACTTTTGCATTTTCATAGTTCTCTCTCTCCCACGCATAGGTACAAAAATCACCAA
TGTAATAAGAACAGTGATTACACAAACATCACTATTGTATCTATTGGTTTACATTA
CTAAGGAGCGAAAGGTTCCCTTCAAATGCTTAAACTAAT