Research data:

Finding homologs between sequences for chr8 700,001..795,000

Chr8 sequence Annotations

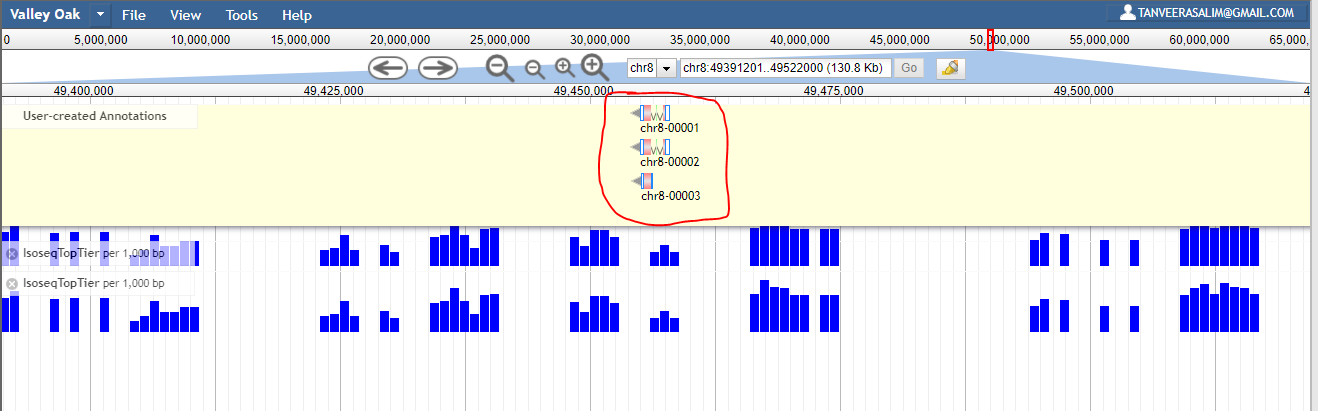
Annotation: chr8

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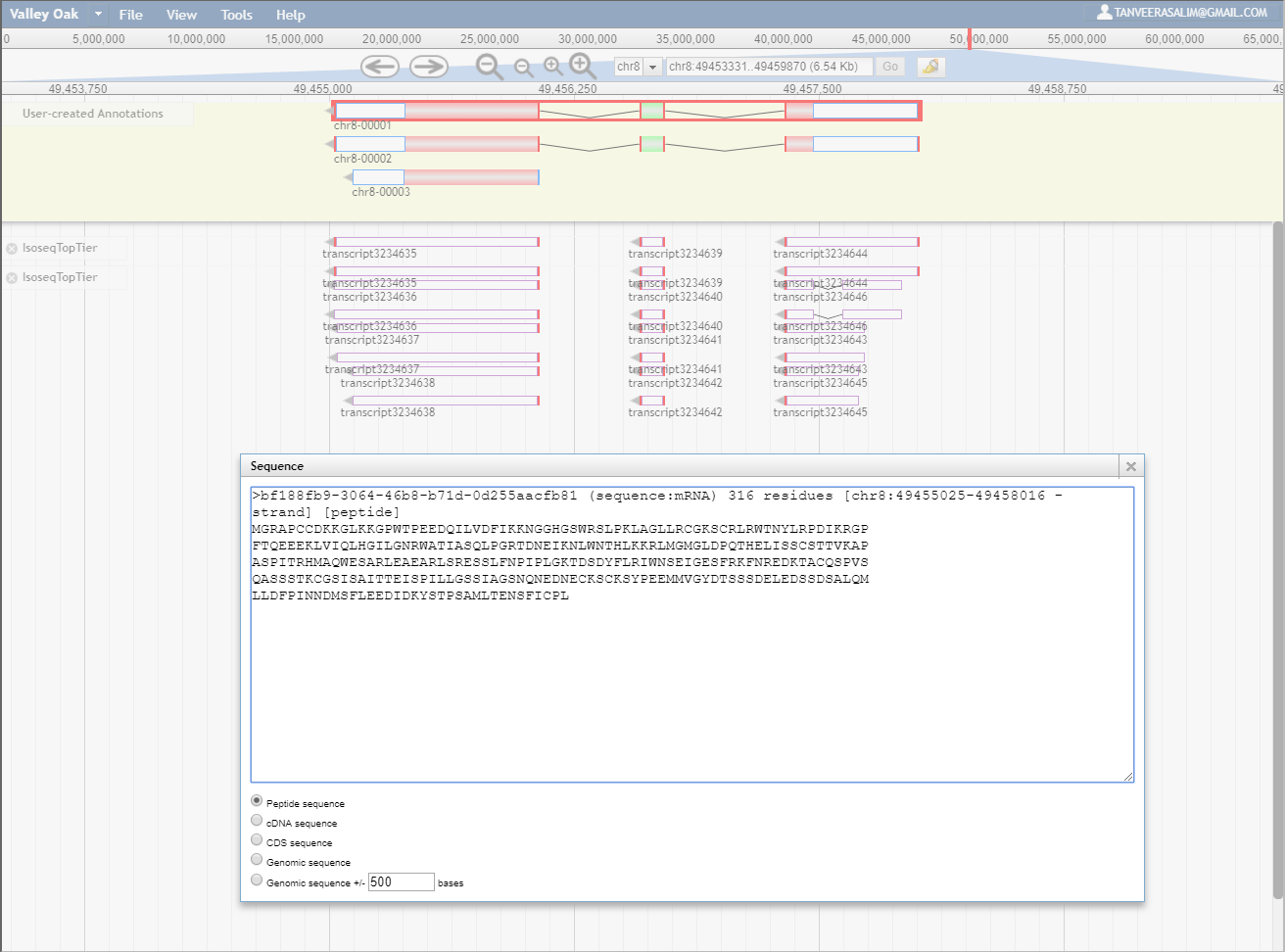


[chr8:49455025-49458016 - strand] [peptide]

IsoSeq Top Tier Results



IsoSeq Top Tier Results Close-Up



Peptide Sequences being Compared:

>bf188fb9-3064-46b8-b71d-0d255aacfb81 (sequence:mRNA) 316 residues [chr8:49455025-49458016 - strand] [peptide]

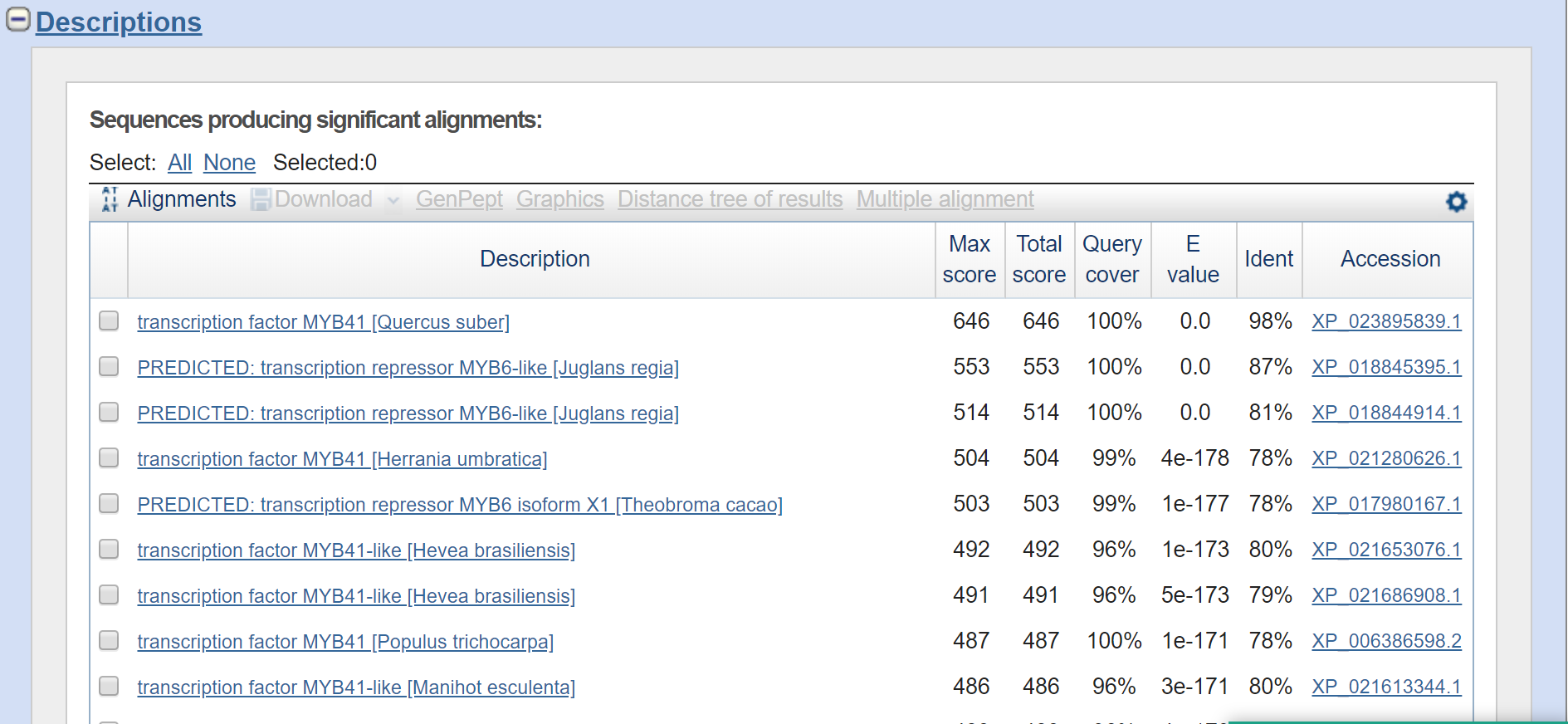
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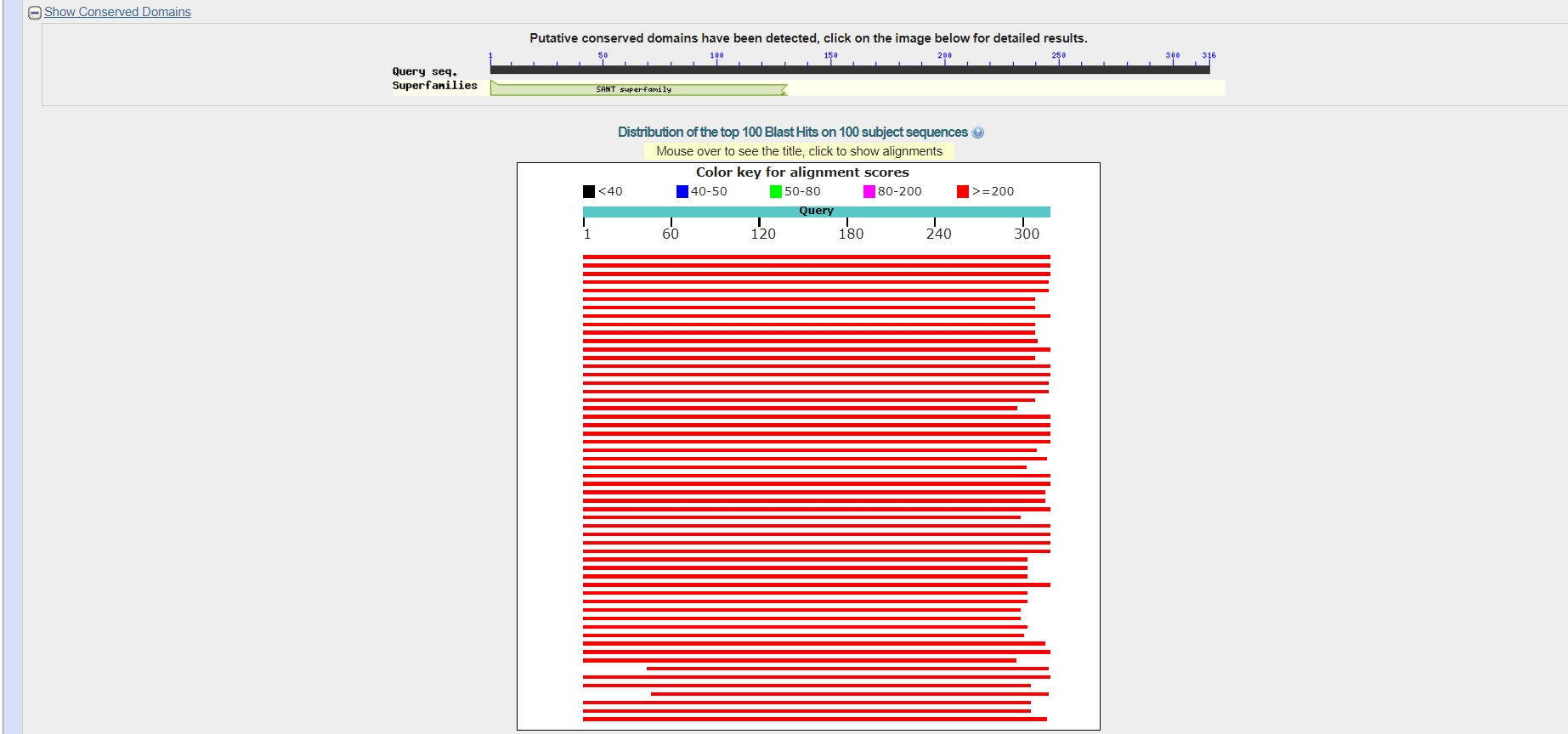
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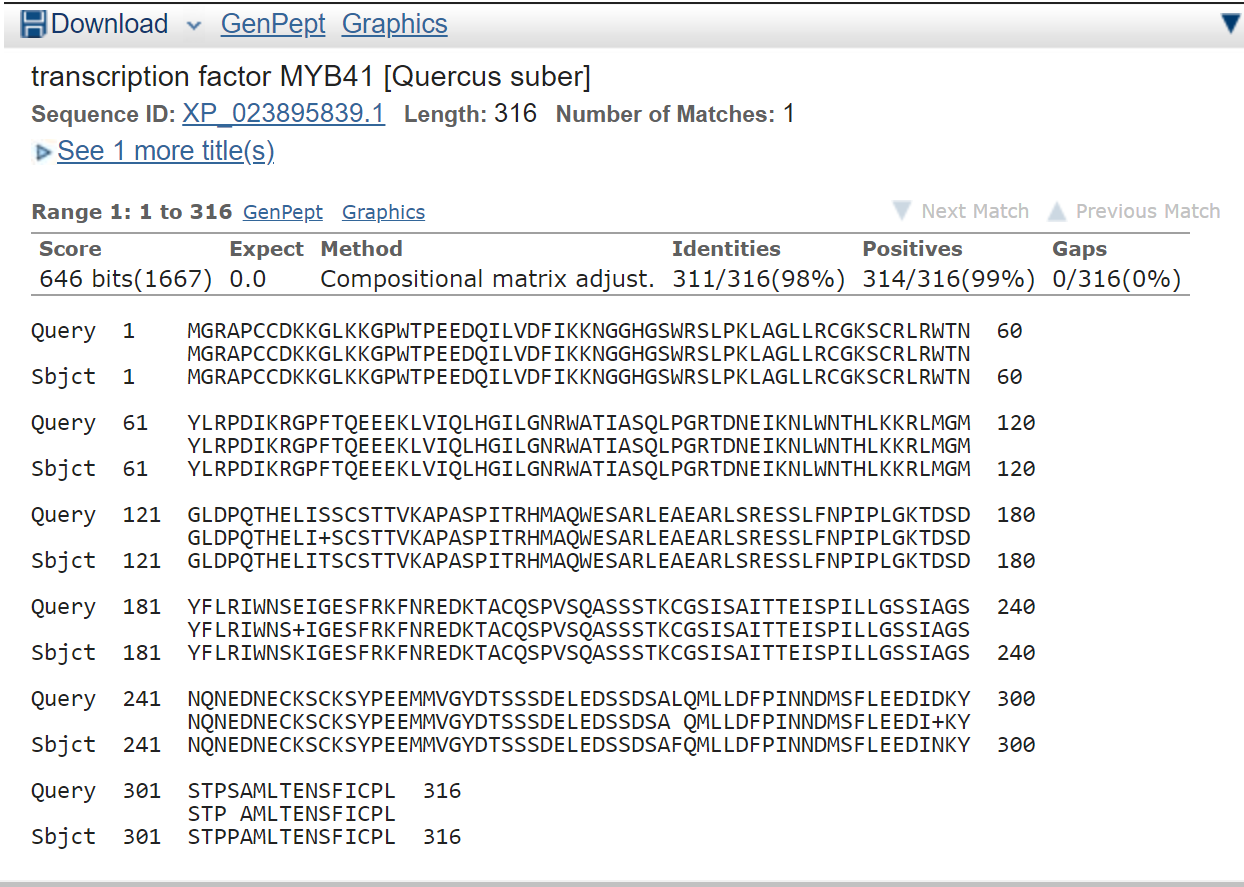
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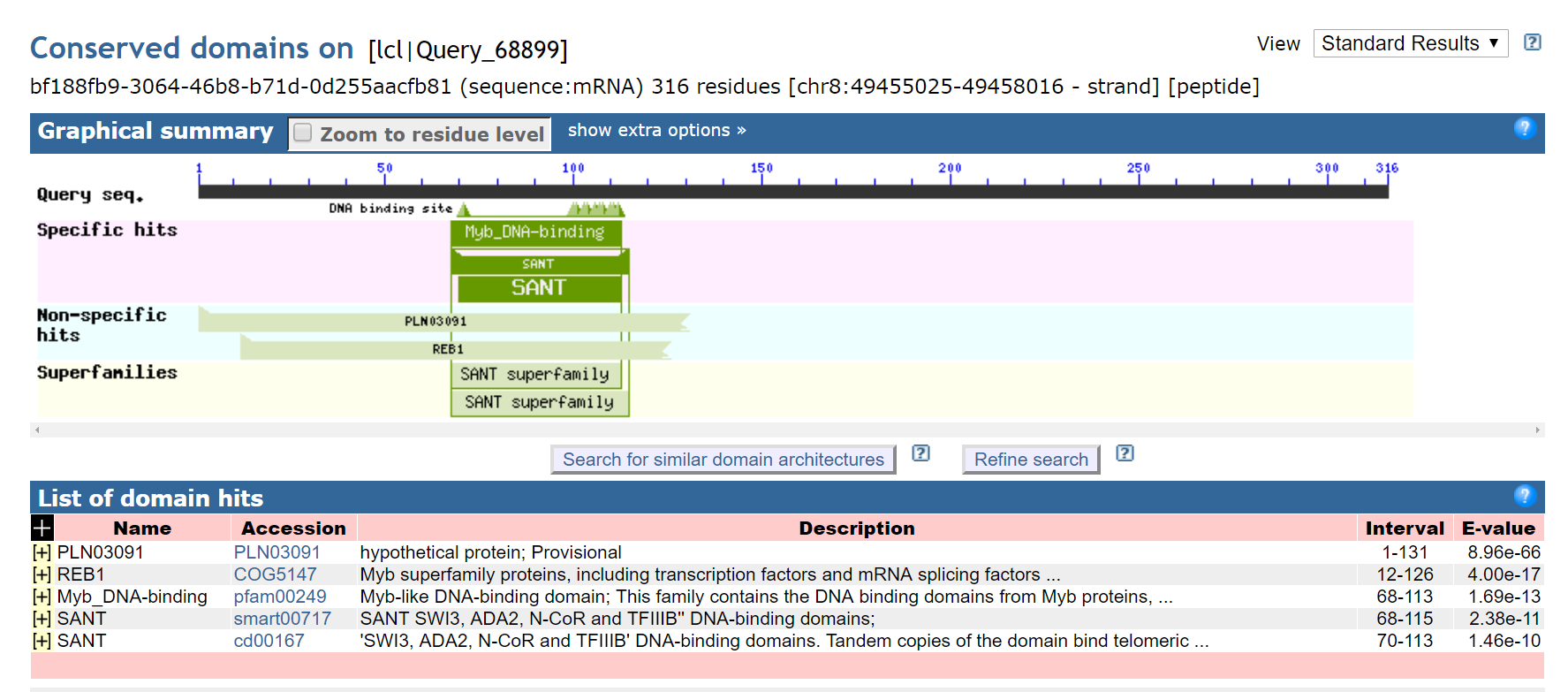
QASSSTKCGSISAITTEISPILLGSSIAGSNQNEDNECKSCKSYPEEMMVGYDTSSSDELEDSSDSALQM

LLDFPINNDMSFLEEDIDKYSTPSAMLTENSFICPL









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**transcription factor MYB41 [Quercus suber]**

**NCBI Reference Sequence: XP\_023895839.1**

>XP\_023895839.1 transcription factor MYB41 [Quercus suber]

MGRAPCCDKKGLKKGPWTPEEDQILVDFIKKNGGHGSWRSLPKLAGLLRCGKSCRLRWTNYLRPDIKRGP

FTQEEEKLVIQLHGILGNRWATIASQLPGRTDNEIKNLWNTHLKKRLMGMGLDPQTHELITSCSTTVKAP

ASPITRHMAQWESARLEAEARLSRESSLFNPIPLGKTDSDYFLRIWNSKIGESFRKFNREDKTACQSPVS

QASSSTKCGSISAITTEISPILLGSSIAGSNQNEDNECKSCKSYPEEMMVGYDTSSSDELEDSSDSAFQM

LLDFPINNDMSFLEEDINKYSTPPAMLTENSFICPL

# PREDICTED: transcription repressor MYB6-like [Juglans regia]

NCBI Reference Sequence: XP\_018845395.1

>XP\_018845395.1 PREDICTED: transcription repressor MYB6-like [Juglans regia]

MGRAPCCDKRGLKKGPWTPEEDEILVEYIKKNGGHGSWRSLPKLAGLLRCGKSCRLRWTNYLRPDIKRGP

FTQEEEKLVVQLHGILGNRWASIAAQLPGRTDNEIKNLWNTHLKKRLVCMGLDPQTHEPVNSCSTTIKAP

ASPTTRHMAQWESARLEAEARLSRESSLFHPNPVGGTDSDYFLRIWNSEVGESFRKFSMGDKTLCQSPVS

QASSSTKCGSMSAITTEICPILGGSSIAGSNQNEDTECKSCKSYTEEMMAASDCSSSDELEDSSENALQL

LLDFPINNDMSFLEEDLDMYALPPAMLTESSFICHL

# transcription factor MYB41 [Herrania umbratica]

NCBI Reference Sequence: XP\_021280626.1

>XP\_021280626.1 transcription factor MYB41 [Herrania umbratica]

MGRTPCCDRKGLKKGPWAPEEDEILVNYIKKHGHGSWRSLPKLAGLLRCGKSCRLRWTNYLRPDIKRGPF

TLEEEKLVIQLHGILGNRWAAIASQLPGRTDNEIKNLWNTHLKKRLVCMGLDPQTHEPFTPCGPTTAAPT

SPATRHMAQWESARLEAEARLSRESLLFSSPPLGKPDSDYFLRLWNSEVGESFRKLNREDKTACQSPISQ

ASSSTKCGSVSAVTIDICPNIAGSSTPASNQIEDTACKSFKSCTEDPVDASDSSCSNESEDSSDTALQLL

LDFPINNDMSFLENVDAYATSAAMLTDTSFISPSEGYLKA

# PREDICTED: transcription repressor MYB6 isoform X1 [Theobroma cacao]

NCBI Reference Sequence: XP\_017980167.1

[GenPept](https://www.ncbi.nlm.nih.gov/protein/XP_017980167.1?report=genpept) [Identical Proteins](https://www.ncbi.nlm.nih.gov/ipg/XP_017980167.1) [Graphics](https://www.ncbi.nlm.nih.gov/protein/XP_017980167.1?report=graph)

>XP\_017980167.1 PREDICTED: transcription repressor MYB6 isoform X1 [Theobroma cacao]

MGRTPCCDRKGLKKGPWAPEEDEILVNYIKKHGHGSWRSLPKLAGLLRCGKSCRLRWTNYLRPDIKRGPF

TLEEEKLVIQLHGILGNRWAAIASQLPGRTDNEIKNLWNTHLKKRLVCMGLDPQTHEPFTPCGPTTAAPT

SPATRHMAQWESARLEAEARLSRESLLFSSPPLGKPDSDYFLRLWNSEVGESFRKLNREDKTACQSPISQ

ASSSTKCGSVSAVTIDICPNIAGSSTPASNQIEDTACKSFKSCTEDPVDASDSSCSNESEDSSDTALQLL

LDFPINNDMSFLENVDTYATSHAMLTDTSFISPSEGYLKA

# transcription factor MYB41-like [Hevea brasiliensis]

NCBI Reference Sequence: XP\_021653076.1

[GenPept](https://www.ncbi.nlm.nih.gov/protein/XP_021653076.1?report=genpept) [Identical Proteins](https://www.ncbi.nlm.nih.gov/ipg/XP_021653076.1) [Graphics](https://www.ncbi.nlm.nih.gov/protein/XP_021653076.1?report=graph)

>XP\_021653076.1 transcription factor MYB41-like [Hevea brasiliensis]

MGRTPCCDKKGLKKGPWTPEEDEILVRYINKNGHGSWRSLPKLAGLLRCGKSCRLRWTNYLRPDIKRGPF

TLEEEKLVIQLHGILGNRWAAIASQLPGRTDNEVKNLWNTHLKKRLLCMGLDPQTHEPFTSCGPAIKTPA

SPATRHMAQWESARLEAEARLSRESSLFNPPTPGKTDSDYFLRMWNSEVGESFRKFNRGDKTTCQSPASA

SQASSSTKCGSFSAVTADISPNLAGYSTTASNQNEDTECKSFKSYAEDVNAGSDSSSSVELEDSSDSTLQ

LLLDFPINNDMSFLEENVDSIASYSAMQ

# transcription factor MYB41 [Populus trichocarpa]

NCBI Reference Sequence: XP\_006386598.2

[GenPept](https://www.ncbi.nlm.nih.gov/protein/XP_006386598.2?report=genpept) [Identical Proteins](https://www.ncbi.nlm.nih.gov/ipg/XP_006386598.2) [Graphics](https://www.ncbi.nlm.nih.gov/protein/XP_006386598.2?report=graph)

>XP\_006386598.2 transcription factor MYB41 [Populus trichocarpa]

MGRTPCCDKKGLKKGPWTPEEDDLLVTYIKKNGHGSWRSLPKLAGLLRCGKSCRLRWTNYLRPDIKRGPF

TLEEEKLVIQLHGILGNRWAAIASQLPGRTDNEIKNLWNTHLKKRLLCLGLDPQTHEPFSSRGPVNKGPA

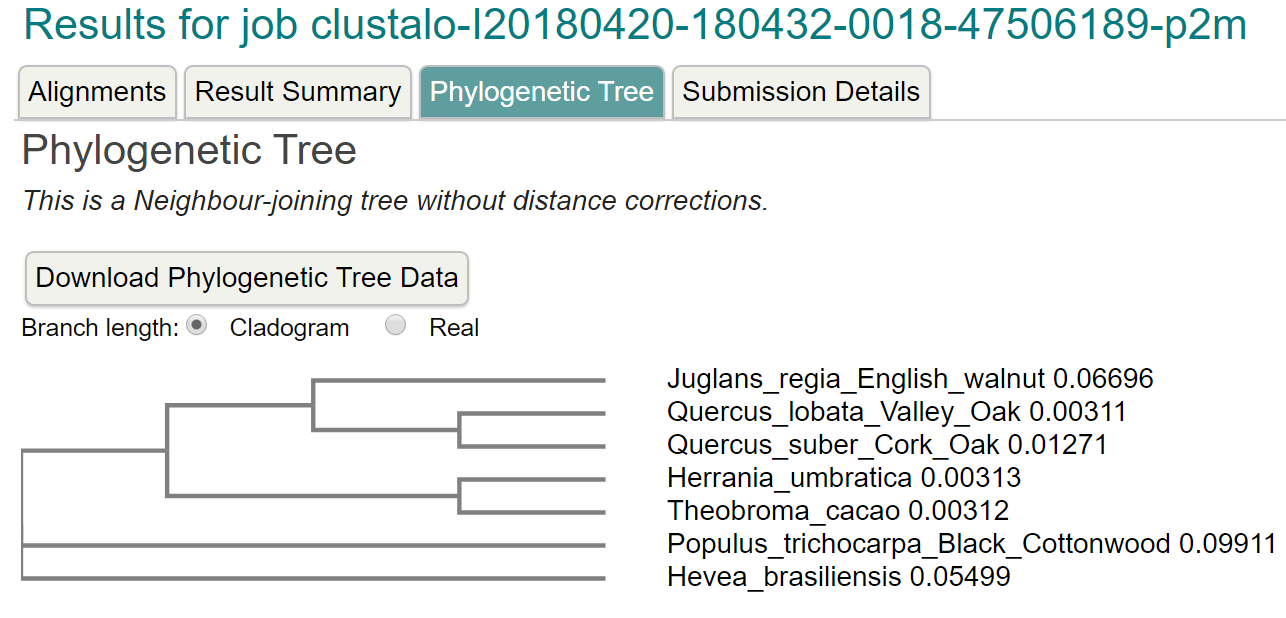
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QASSSTKCGSISAITADIIPNLSRSPATASNQNEDMEWKSPKSYAEDVLAGSDSSSAELEDLTDSTLQLL

LDFPINNDMSFLDKNIDSYATSSAMLTGPSMICPL

Chr8 Phylogenetic Tree

bf188fb9-3064-46b8-b71d-0d255aacfb81



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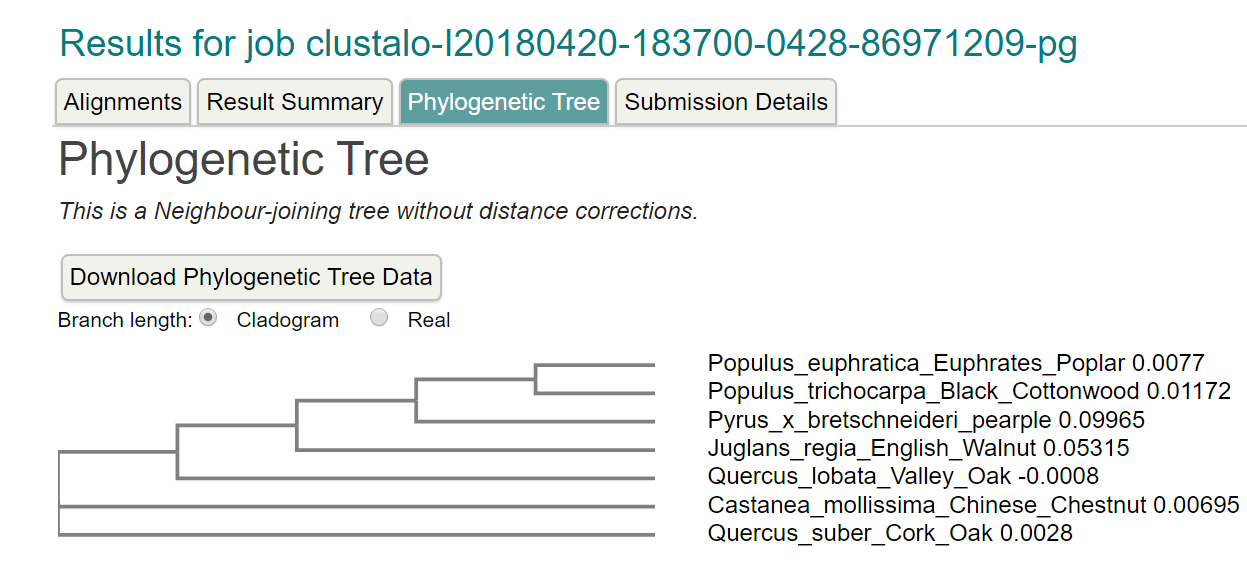
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SQIGLCSFDGTHGVSIGIKSVVENTHKVSGDLSDATCSACEMTVVWMQNQLKQNQTQERILDYVNQLCDR

LPSPMGESAVDCAGLSSMPNVSFTIGGRTFDLTPEQYVLKVGEGDAAQCISGFTALDVPPPRGPLWILGD

VFMGRYHTVFDYGNERIGFAEAA



chr8:49455282..49459612 (4.33 Kb): ANNOTATE SEQUENCES WITH YOUR NAME ATTACHED TO IT  
FROM NOW ON