



Human (GRCh38.p14) ▼

Location: 17:7,661,779-7,687,546

Gene: TP53

Gene-based displays

- Summary
 - Splice variants
 - Transcript comparison
 - Gene alleles
- Sequence
 - Secondary Structure
- Comparative Genomics
 - Genomic alignments
 - Gene tree
 - Gene gain/loss tree
 - Orthologues
 - Paralogues
- Ontologies
 - GO: Anatomical entity
- Phenotypes
- Genetic Variation
 - Variant table
 - Variant image
 - Structural variants
- Gene expression
- Pathway
- Molecular interactions
- External references
- Supporting evidence
- ID History
 - Gene history

Gene: TP53 ENSG00000141510

Description

tumor protein p53 [Source:HGNC Symbol;Acc:HGNC:11998]

Gene Synonyms

LFS1, P53

Location

[Chromosome 17: 7,661,779-7,687,546](#) reverse strand.
GRCh38:CM000679.2

About this gene

This gene has 39 transcripts ([splice variants](#)), [253 orthologues](#), [2 paralogues](#) and is associated with [446 phenotypes](#).

Transcripts

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Marked-up sequence ?

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- Genetic Variation
 - Variant table
 - Variant image
 - Structural variants
- Gene expression
- Pathway
- Molecular interactions
- External references
- Supporting evidence
- ID History
 - Gene history

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Exons TP53 exons All exons in this region

Markup loaded

```
>chromosome:GRCh38:17:7661179:7688146:-1
TTCTCCAGGCTTCAGACCTGTCTCCCTCATTCAAAAAATATTTATTATCGAGCTCTTACT
TGCTACCCAGCACTGATATAGGCACTCAGGAATACAACAATGAATAAGATAGTAGAAAAA
TTCTATATCCTCATAAGGCTTACGTTTCCATGTACTGAAAGCAATGAACAAATAAATCTT
ATCAGAGTGATAAGGGTTGTGAAGGAGATTAAATAAGATGGTGTGATATAAAGTATCTGG
GAGAAAACGTTAGGGTGTGATATTACGGAAAGCCTTCCTAAAAAATGACATTTTAACTGA
TGAGAAGAAAAGGATCCAGCTGAGAGCAAAACGCAAAAGCTTTCTTCCTCCACCCTTCATA
TTTGACACAATGCAGGATTCTCCAAAATGATTTCCACCAATTCTGCCCTCACAGCTCTG
GCTTGCAGAAATTTCCACCCCAAAATGTTAGTATCTACGGCACCAGGTCGGCGAGAATCC
TGACTCTGCACCCTCCTCCCCAACTCCATTTCTTTGCTTCCTCCGGCAGGCGGATTACT
TGCCCTTACTTGTGTCATGGCGACTGTCCAGCTTTGTGCCAGGAGCCTCGCAGGGGTTGATG
GGATTGGGGTTTTCCCTCCCCTCAAGACTGGCGCTAAAAGTTTTGAGCTTCTCA
AAAGTCTAGAGCCACCCTCCAGGAGCAGGTAGCTGCTGGGCTCCGGGGACACTTTGCGT
TCGGGCTGGGAGCGTGCTTTCCACGACGGTGACACGCTTCCCTGGATTGGGTAAAGCTCCT
GACTGAACTTGATGAGTCCTCTCTGAGTCACGGGCTCTCGGCTCCGTGTATTTTCAGCTC
GGGAAAATCGCTGGGGCTGGGGGTGGGGCAGTGGGGACTTAGCGAGTTTGGGGGTGAGTG
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AGATGATGGGGATGTTAGGACCATCCGAACTCAAAGTTGAACGCCTAGGCAGAGGAGTGG
AGCTTTGGGGAACCTTGAGCCGGCCTAAAGCGTACTTCTTTGCACATCCACCCGGTGCTG
GGCGTAGGGAATCCCTGAAATAAAAGATGCACAAAGCATTGAGGTCTGAGACTTTTGGAT
CTCGAAACATTGAGAACTCATAGCTGTATATTTAGAGCCCATGGCATCCTAGTGAAGAC
TGGGGCTCCATTCCGAAATGATCATTGTTGGGGGTGATCCGGGGAGCCCAAGCTGCTAAGGT
CCCACAACTTCCGGACCTTTGTCTTCTCGGAGCGATCTTTCCAGGCAGCCCCCGGCTCC
GCTAGATGGAGAAAATCCAATTGAAGGCTGTGAGTCGTGGAAGTGAGAAGTGCTAAACCA
GGGGTTTGGCCGCCAGGCCGAGGAGGACCGTCGCAATCTGAGAGGCCCGGCAGCCCTGTT
ATTGTTTGGCTCCACATTTACATTTCTGCCTCTTGACGAGCATTTCGGTTTCTTTTGT
CCGGAGCAGCTCACTATTCACCCGATGAGAGGGGAGGAGAGAGAGAGAAAATGTCCTTTA
GGCCGGTTCTCTTACTTGGCAGAGGAGGCTGCTATTCTCCGCTGCATTTCTTTTCT
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CCCTCCCTTCTTTGAATGGTGTGCCCCACCCCGGGGTCGCCTGCAACCTAGGCGGACG
```

Exons	TP53 exons	All exons in this region
Markup	loaded	

GGCGAAAGAGGCCAAACTCCATCTCAAAAAACAAACAAAAAACAAAAACAAAAGAAAACA
TGGCAAAGCCTTTGAAAGCTTGTCTGGGAGAAGGTGCGATGATAGTTGCATAACTTCGTG
CAAGATGCTGGTCCACACAGGGGCTGCCCTTGCTCTTTCTCGCTCTCTTAACCTCTCAT
ATAACAGGCTTGTGTGTTATTACATTTATTGAGCCCAAGCAGGTGCAAGGCATTGTGAT
CTAATACTTTGGTCAGCAAGACAACAAGATAGATCACTGCCCTGCCCTTAGGAAGTGTAT
ATGCTATTAGAGGAAACAGATAAAATAAACAAAGGAAAAGTATCAGACAATGTAAGTGCTA
TGAGAATGCAAATGAGGTGATGTGAATTAAATAGGATGACTTAAAGTCTGCACGGGAAG
GAGCCTACCCCCATGTTCTCTGGCTAGCCAAGGAACCACCAAGTTGATTAGCAGAGAAGGGC
AGCCAGTCTAGCTAGAGCTTTTGGGGAAGAGGGAGTGGTTGTTAAGAGATGAGATTAAAG
AAGCCGAGACGGGCCATTCTGTAGGGGTTTGTAAATGCAGGGCTGAGGAGTGTCCGAAGAG
AATGGGCAGGTGAGCGGTGAGACAGTTGTTCTTCCAGAAGCTTTGCAGTGAAAGGAATCA
AAGAAATGGAGCCGTGTATCAGGTGGGAAGGGTGGGGCCAAGGGGGTGTCTTCCCCA
TACAGAGATTGCAGGCTGAGAATGACTATATCCTTGTTAACAGGAGTGGGAGCAGGGCA
CGGTAGCTCACACCTGTAATCTTGGCACTTTAGGAGGCTGAGGCGGGCCGATCACCTGAA
GTAAGGAGTTCGAGACCAGCCTGGCCAACATGCAAAGCCCTGTCTCTACTAAAAATACAA
AAATTAGCTGGGTGTGGTGGTACTCGCCTGTAATCCCAGCTACTCGGGAGACTGAGGCAG
GAGAATGGCTTGAACCCGGAAGGTAGAGGTTGCAGTGAGCTGAGATCATGCCACTGTGCT
CCAGCCTAGGTGACAGAGAGAGACTCCATCTCAAAAAAAAAAAAAAAAAATACAGGAAGGGA
GTTGGGAATAGGGTGCACATTTAGGAAGTCTTGGGGATTTAGTGGTGGGAAGGTTGGAAG
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TGCTTGGGTGTGGTGAAACATTGGAAGAAGAAATGTGAAGCAGCCATTCTTTTCTCTGCT
CCACAGGAAGCCGAGCTGTCTCAGACACTGGCATGGTGTGGGGGAGGGGGTTCTTCTC
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TCGAGCCCCCTCTGAGTCAGGAAACATTTTCAGACCTATGGAACTGTGAGTGGATCCAT
TGGAAGGGCAGGCCCAACACCCCAACCCCAAGCCCTAGCAGAGACCTGTGGGA
AGCGAAAAATCCATGGGACTGACTTTCTGCTCTTGTCTTTCAGACTTCTGAAAACAACG
TTCTGTAAAGGACAAGGGTTGGGCTGGGGACCTGGAGGGCTGGGGACCTGGAGGGCTGGG
GGGCTGGGGGGCTGAGGACCTGGTCCTCTGACTGCTCTTTTACCCATCTACAGTCCCCC
TTGCCGTCCAAGCAATGGATGATTTGATGCTGTCCCCGGACGATATTGAACAATGGTTC
ACTGAAGACCCAGGTCCAGATGAAGCTCCAGAAATGCCAGAGGCTGCTCCCCCGTGGCC
CCTGCACCAGCAGCTCCTACACCGGCGGCCCTGCACCAGCCCCCTCCTGGCCCCGTGCA
TCTTCTGTCCCTTCCAGAAAACCTACCAGGGCAGCTACGGTTTCCGTCTGGGCTTCTTG
CATCTGGGACAGCCAAGTCTGTGACTTGCACGTCAGTTGCCCTGAGGGGCTGGCTTCC
ATGAGACTTCAATGCCTGGCCGTATCCCCCTGCATTCTTTTGTGTTGGAACCTTGGGATT

https://asia.ensembl.org/Homo_sapiens/Gene/Sequence?db=core;g=ENSG00000141510;r=17:7661779-7687546